



REPORT OF SOLID WASTE  
LANDFILLED IN MICHIGAN

October 1, 2021 - September 30, 2022

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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 (NREPA), 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, 2021 - September 30, 2022, and is the twenty seventh 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 yards<sup>1</sup> may further alter the data accuracy.

The landfills report the waste received by category using Re-TRAC Connect Michigan Solid Waste Authorization Program (Re-TRAC). For purposes of this report, MCW means municipal and commercial waste and is typically residential-like waste; IW means industrial waste; C&D means construction and demolition waste; ADC means alternate daily cover; and OTHER means asbestos, contaminated soils not used as ADC, and technologically enhanced naturally occurring radioactive material (TENORM). 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 Re-TRAC, primarily to calculate the financial assurance applicable to those types of wastes. These specially accounted wastes are: (1) foundry sand;

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<sup>1</sup> 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) 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). 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 51,990,037 cubic yards, an increase of 1,071,575.30 cubic yards or about 2.1 percent over the fiscal year (FY) 2021 report data. Waste generated in Michigan decreased from 39,626,508 cubic yards in the previous reporting period to 39,568,281 cubic yards, a decrease of about 0.1 percent. Total imports of waste into Michigan landfills increased from the previous reporting period from 11,291,954 cubic yards to 12,421,756 cubic yards, an increase of about 10 percent. The largest source of waste imports to Michigan continues to be from Canada, with total reported imports to landfills of 9,675,398 cubic yards, up 771,702.63 cubic yards or about 8.7 percent from the FY 2021 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 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-seven FYs. Imports from other states increased to 2,746,358 cubic yards from 2,388,259 cubic yards, an

increase of about 15 percent. This information is presented in Tables 1 and 2, Figures 1 and 2, and shows only the past ten years' data. Previous years' data can be found online by clicking the following hyperlink: [Annual Reports of Solid Waste Landfilled in Michigan](#).

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 after 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 noncaptive<sup>2</sup> disposal facilities should be used for the calculation of the 12 cents per cubic yard surcharge. That amount was 50,052,140 cubic yards for FY 2022. 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 agree with the volumes also reported by the landfills in their quarterly surcharge reports.

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<sup>2</sup> 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)**

| <b>Fiscal Year</b> | <b>Michigan</b>         | <b>Canada</b>          | <b>Other States</b>    | <b>Totals</b>           |
|--------------------|-------------------------|------------------------|------------------------|-------------------------|
| 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              | 9,053,889              | 3,256,719              | 52,697,247              |
| FY 2021            | 39,626,508              | 8,903,695              | 2,388,259              | 50,918,462              |
| FY 2022            | 39,568,281 <sup>3</sup> | 9,675,398 <sup>4</sup> | 2,746,358 <sup>5</sup> | 51,990,037 <sup>6</sup> |

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

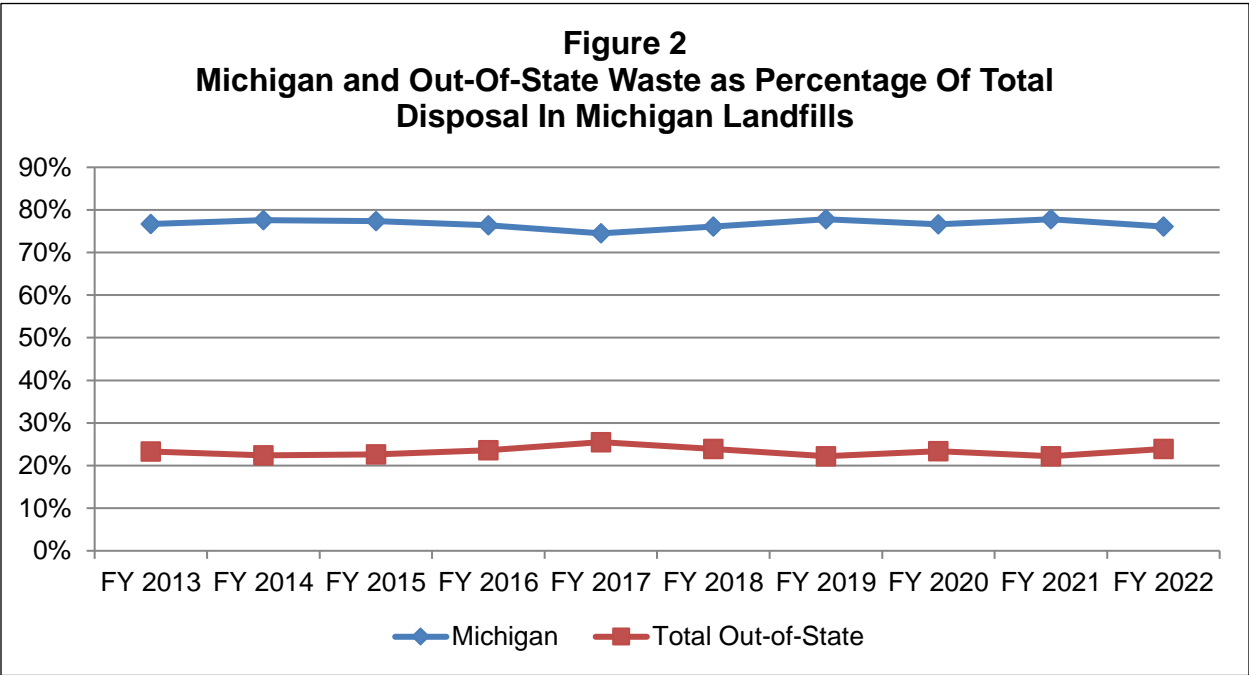
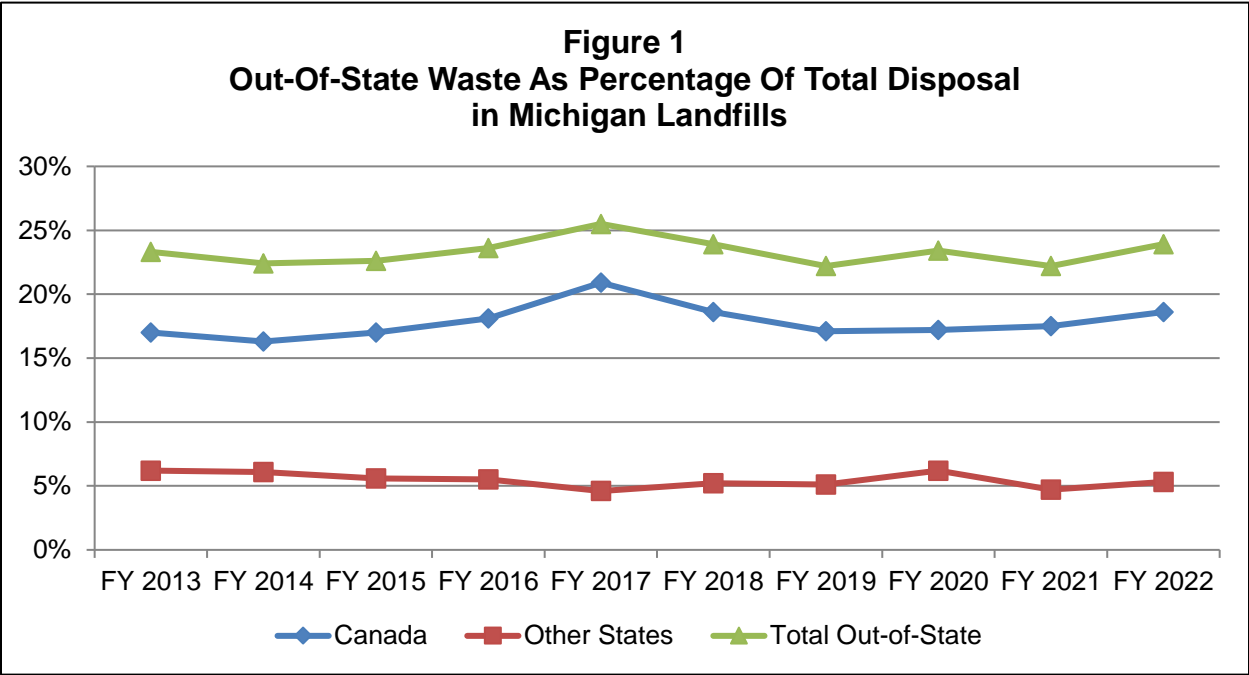
| <b>Fiscal Year</b> | <b>Michigan</b> | <b>Canada</b> | <b>Other States</b> |
|--------------------|-----------------|---------------|---------------------|
| FY 2013            | 76.7%           | 17%           | 6.2%                |
| FY 2014            | 77.6%           | 16.3%         | 6.1%                |
| 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%                |
| FY 2021            | 77.8%           | 17.5%         | 4.7%                |
| FY 2022            | 76.1%           | 18.6%         | 5.3%                |

<sup>3</sup> MICHIGAN WASTE: 13,189,430 tons

<sup>4</sup> CANADIAN WASTE: 3,225,133 tons

<sup>5</sup> OTHER STATES WASTE: 915,453 tons

<sup>6</sup> TOTAL WASTE DISPOSED IN MICHIGAN LANDFILLS: 17,330,010 tons



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.

| <b>TABLE 3<br/>SOLID WASTE DISPOSAL SOURCE SUMMARY<br/>(Volume in Cubic Yards)</b> |                 |                 |              |
|--|-----------------|-----------------|--------------|
| <b>WASTE TYPE</b>  | <b>IN-STATE</b> | <b>IMPORTED</b> | <b>TOTAL</b> |
| MCW  | 26,431,171      | 10,642,252      | 37,073,422   |
| MCW – MSW* INCINERATOR<br>ASH  | 40,697          | 0               | 40,697       |
| <b>SUBTOTAL MCW</b>  | 26,471,868      | 10,642,252      | 37,114,120   |
| IW   | 3,348,697       | 391,636         | 3,740,333    |
| IW – SEGREGATED  | 1,254,100       | 0               | 1,254,100    |
| IW – SEGREGATED MIXED  | 158,440         | 0               | 158,440      |
| <b>SUBTOTAL IW</b>   | 4,761,237       | 391,636         | 5,152,873    |
| C&D  | 3,303,424       | 1,003,712       | 4,307,136    |
| ADC  | 922,938         | 316,249         | 1,239,188    |
| OTHER  | 4,108,814       | 67,908          | 4,176,721    |
| <b>GRAND TOTAL</b>   | 39,568,281      | 12,421,756      | 51,990,037   |

\*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 or have materials that are not specifically identified in Re-TRAC thus, have categorized all their industrial waste as “IW – Other.”



**TABLE 3A  
INDUSTRIAL WASTE DISPOSAL SOURCE SUMMARY  
(Volume in Cubic Yards)**

| <b>WASTE TYPE</b>                      | <b>IN-STATE</b>  | <b>IMPORTED</b> | <b>TOTAL</b>     |
|--|------------------|-----------------|------------------|
| IW - Other                             | 2,093,732        | 358,270         | 2,452,002        |
| IW - Wood/Paper Sludges                | 82,275           | 222             | 82,496           |
| IW - Other Sludges                     | 293,286          | 1,455           | 294,741          |
| IW - Wastewater Sludges                | 232,463          | 5,357           | 237,820          |
| IW - Wood Ash                          | 79,622           | 0               | 79,622           |
| IW - Foundry Sand                      | 128,543          | 26,333          | 154,876          |
| IW - Lime Kiln Dust                    | 2,649            | 0               | 2,649            |
| IW - Coal Ash                          | 1,374,711        | 0               | 1,374,711        |
| IW - Flue Gas Desulfurization Material | 33,058           | 0               | 33,058           |
| IW - Wood/Paper Sediment               | 42,898           | 0               | 42,898           |
| IW - Cement Kiln Dust                  | 398,000          | 0               | 398,000          |
| <b>GRAND TOTAL</b>                     | <b>4,761,237</b> | <b>391,636</b>  | <b>5,152,873</b> |

Table 3B displays the ADC Disposal summary for both in-state and imported waste. ADC is comprised of manufactured or certain waste materials, as defined in the administrative rules<sup>7</sup> promulgated pursuant to Part 115, which may be used in lieu of six inches of earthen materials at Type II and Type III landfills. Use of these materials must be in accordance with an operational plan approved by EGLE in an operating license.

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

| <b>WASTE TYPE</b>             | <b>IN-STATE</b> | <b>IMPORTED</b> | <b>TOTAL</b> |
|-------------------------------|-----------------|-----------------|--------------|
| ADC - Sludges                 | 32,594          | 11,883          | 44,477       |
| ADC - Auto Shredder Residuals | 530,972         | 288,782         | 819,755      |
| ADC - Other                   | 166,282         | 48              | 166,330      |
| ADC - Contaminated Soils      | 83,397          | 820             | 84,217       |
| ADC - Chipped Tires           | 44,763          | 252             | 45,015       |
| ADC - Foundry Sand            | 44,398          | 14,464          | 58,862       |

<sup>7</sup> See R 299.4429

| <b>TABLE 3B<br/>ALTERNATIVE DAILY COVER WASTE DISPOSAL SOURCE SUMMARY<br/>(Volume in Cubic Yards)</b> |                 |                 |                  |
|---|-----------------|-----------------|------------------|
| <b>WASTE TYPE</b>   | <b>IN-STATE</b> | <b>IMPORTED</b> | <b>TOTAL</b>     |
| ADC - Coal or Wood Ash  | 20,531          | 0               | 20,531           |
| <b>GRAND TOTAL</b>  | <b>922,938</b>  | <b>316,249</b>  | <b>1,239,188</b> |

Table 3C displays the Other Waste Types disposal summary for both in-state and imported waste that includes materials that do not typically fit under the other waste disposal categories, such as MCW, C&D, or IW. These specifically include Asbestos, Contaminated Soils, and TENORM.

| <b>TABLE 3C<br/>OTHER WASTE DISPOSAL SOURCE SUMMARY<br/>(Volume in Cubic Yards)</b> |                  |                 |                  |
|---|------------------|-----------------|------------------|
| <b>WASTE TYPE</b>   | <b>IN-STATE</b>  | <b>IMPORTED</b> | <b>TOTAL</b>     |
| O - Asbestos  | 467,643          | 19,057          | 486,700          |
| O - Contaminated Soils  | 3,619,278        | 36,768          | 3,656,046        |
| O - TENORM  | 21,745           | 12,075          | 33,820           |
| <b>GRAND TOTAL</b>  | <b>4,108,666</b> | <b>67,900</b>   | <b>4,176,566</b> |

### WASTE IMPORTS

Based on the reported information for FY 2022, the solid waste industry in Michigan imported solid waste from 14 other states and from Canada for disposal in Michigan landfills. Table 4 indicates the volume of MCW, IW, C&D, ADC, and OTHER 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 2022  
(Volume in Cubic Yards)**

| WASTE ORIGIN  | MCW       | IW      | C&D     | ADC     | Other  | TOTAL WASTE |
|---------------|-----------|---------|---------|---------|--------|-------------|
| CANADA        | 8,691,734 | 61,132  | 904,021 | 0       | 18,510 | 9,675,398   |
| IDAHO         | 0         | 0       | 0       | 0       | 1      | 1           |
| ILLINOIS      | 0         | 120     | 0       | 252     | 0      | 372         |
| INDIANA       | 493,890   | 69,351  | 52,922  | 820     | 476    | 617,460     |
| IOWA          | 0         | 0       | 0       | 0       | 2      | 2           |
| KANSAS        | 0         | 0       | 0       | 0       | 1      | 1           |
| KENTUCKY      | 0         | 0       | 0       | 0       | 3      | 3           |
| MASSACHUSETTS | 597,194   | 19,749  | 0       | 0       | 0      | 616,943     |
| MISSOURI      | 0         | 0       | 0       | 0       | 3      | 3           |
| NEW JERSEY    | 0         | 1,721   | 0       | 0       | 0      | 1,721       |
| OHIO          | 636,483   | 234,043 | 36,471  | 288,782 | 45,505 | 1,241,283   |
| PENNSYLVANIA  | 0         | 0       | 0       | 0       | 0      | 0           |
| VIRGINIA      | 0         | 0       | 0       | 0       | 5      | 5           |
| WEST VIRGINIA | 0         | 0       | 9       | 0       | 0      | 9           |
| WISCONSIN     | 222,950   | 5,519   | 10,290  | 26,395  | 3,402  | 268,556     |

**Figure 3  
Imported Waste By Origin  
(Volume in Cubic Yards)**

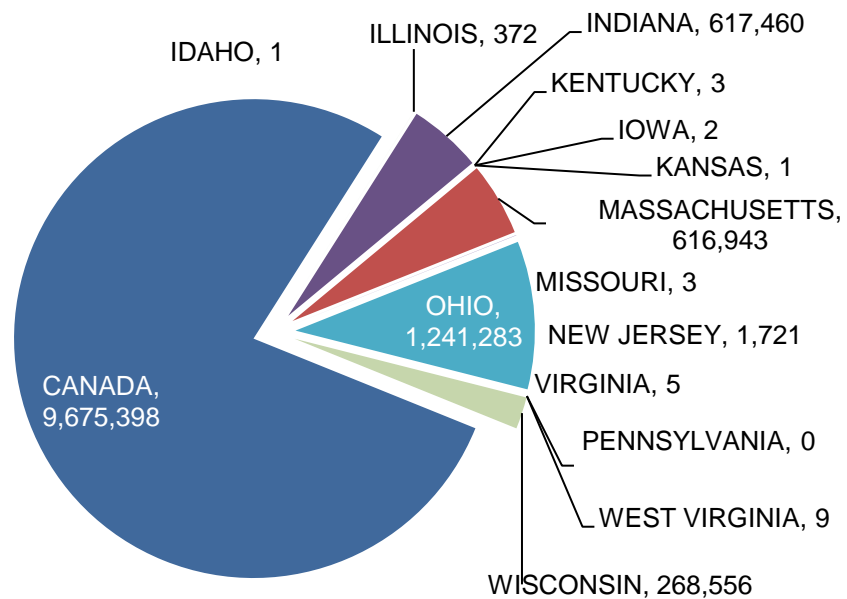


Table 5 shows the total amount of waste imported into each county from all out-of-state sources.

| <b>TABLE 5</b><br><b>IMPORTED WASTE BY COUNTY AND PLACE OF ORIGIN - FY 2022</b><br><b>(Volume in Cubic Yards)</b> |                     |                     |
|---|---------------------|---------------------|
| <b>COUNTY</b>   | <b>WASTE ORIGIN</b> | <b>WASTE VOLUME</b> |
| ALGER   | WISCONSIN           | 72,330              |
| BERRIEN   | ILLINOIS            | 252                 |
| BERRIEN   | INDIANA             | 379,964             |
| CHIPPEWA  | CANADA              | 88,532              |
| DICKINSON   | WISCONSIN           | 787                 |
| GENESEE   | CANADA              | 46,447              |
| GENESEE   | NEW JERSEY          | 1,721               |
| GENESEE   | OHIO                | 13,713              |
| JACKSON   | OHIO                | 134,114             |
| MACOMB  | CANADA              | 5,245,386           |
| MACOMB  | OHIO                | 24,627              |
| MENOMINEE   | WISCONSIN           | 94,764              |
| MONROE  | OHIO                | 839,596             |
| ONTONAGON   | WISCONSIN           | 100,672             |
| ST CLAIR  | CANADA              | 422,240             |
| ST JOSEPH   | INDIANA             | 237,495             |
| WASHTENAW   | CANADA              | 829,497             |
| WASHTENAW   | OHIO                | 4,137               |
| WAYNE   | CANADA              | 3,043,295           |
| WAYNE   | ILLINOIS            | 120                 |
| WAYNE   | MASSACHUSETTS       | 616,943             |
| WAYNE   | OHIO                | 225,085             |
| WEXFORD   | IDAHO               | 1                   |
| WEXFORD   | INDIANA             | 0                   |
| WEXFORD   | IOWA                | 2                   |
| WEXFORD   | KANSAS              | 1                   |
| WEXFORD   | KENTUCKY            | 3                   |
| WEXFORD   | MISSOURI            | 3                   |
| WEXFORD   | OHIO                | 12                  |
| WEXFORD   | PENNSYLVANIA        | 0                   |
| WEXFORD   | VIRGINIA            | 5                   |
| WEXFORD   | WEST VIRGINIA       | 9                   |
| WEXFORD   | WISCONSIN           | 2                   |

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

| <b>TABLE 6<br/>TOTAL WASTE DISPOSED IN MICHIGAN LANDFILLS FROM EACH COUNTY -<br/>FY 2022<br/>(Volume in Cubic Yards)</b> |                     |
|--|---------------------|
| <b>COUNTY</b>  | <b>WASTE VOLUME</b> |
| ALCONA   | 19,897              |
| ALGER  | 40,224              |
| ALLEGAN  | 381,390             |
| ALPENA   | 516,812             |
| ANTRIM   | 143,480             |
| ARENAC   | 34,089              |
| BARAGA   | 38,047              |
| BARRY  | 98,261              |
| BAY  | 452,705             |
| BENZIE   | 28,945              |
| BERRIEN  | 846,140             |
| BRANCH   | 110,848             |
| CALHOUN  | 636,643             |
| CASS   | 181,737             |
| CHARLEVOIX   | 21,241              |
| CHEBOYGAN  | 110,123             |
| CHIPPEWA   | 94,535              |
| CLARE  | 183,732             |
| CLINTON  | 204,613             |
| CRAWFORD   | 58,567              |
| DELTA  | 114,835             |
| DICKINSON  | 166,760             |
| EATON  | 309,800             |
| EMMET  | 151,360             |
| GENESEE  | 1,276,205           |
| GLADWIN  | 60,938              |
| GOGEBIC  | 25,685              |
| GRAND TRAVERSE   | 413,247             |
| GRATIOT  | 100,639             |
| HILLSDALE  | 97,592              |
| HOUGHTON   | 82,883              |
| HURON  | 137,140             |

**TABLE 6**  
**TOTAL WASTE DISPOSED IN MICHIGAN LANDFILLS FROM EACH COUNTY -**  
**FY 2022**  
**(Volume in Cubic Yards)**

| COUNTY      | WASTE VOLUME |
|-------------|--------------|
| INGHAM      | 1,004,933    |
| IONIA       | 146,294      |
| IOSCO       | 92,255       |
| IRON        | 13,017       |
| ISABELLA    | 159,839      |
| JACKSON     | 308,175      |
| KALAMAZOO   | 1,261,674    |
| KALKASKA    | 96,815       |
| KENT        | 1,921,059    |
| KEWEENAW    | 2,877        |
| LAKE        | 27,064       |
| LAPEER      | 287,091      |
| LEELANAU    | 36,269       |
| LENAWEE     | 64,296       |
| LIVINGSTON  | 314,766      |
| LUCE        | 15,498       |
| MACKINAC    | 33,866       |
| MACOMB      | 2,368,687    |
| MANISTEE    | 194,414      |
| MARQUETTE   | 161,753      |
| MASON       | 97,437       |
| MECOSTA     | 78,828       |
| MENOMINEE   | 61,270       |
| MIDLAND     | 479,372      |
| MISSAUKEE   | 50,463       |
| MONROE      | 1,715,897    |
| MONTCALM    | 188,369      |
| MONTMORENCY | 31,745       |
| MUSKEGON    | 602,762      |
| NEWAYGO     | 121,153      |
| OAKLAND     | 3,766,381    |
| OCEANA      | 73,758       |
| OGEMAW      | 53,200       |
| ONTONAGON   | 9,251        |
| OSCEOLA     | 69,351       |

| <b>TABLE 6<br/>TOTAL WASTE DISPOSED IN MICHIGAN LANDFILLS FROM EACH COUNTY -<br/>FY 2022<br/>(Volume in Cubic Yards)</b> |                     |
|--|---------------------|
| <b>COUNTY</b>  | <b>WASTE VOLUME</b> |
| OSCODA   | 23,872              |
| OTSEGO   | 37,456              |
| OTTAWA   | 1,092,688           |
| PRESQUE ISLE   | 31,082              |
| ROSCOMMON  | 64,426              |
| SAGINAW  | 565,444             |
| SANILAC  | 100,695             |
| SCHOOLCRAFT  | 82,560              |
| SHIAWASSEE   | 301,913             |
| ST CLAIR   | 660,745             |
| ST JOSEPH  | 176,621             |
| TUSCOLA  | 104,552             |
| VAN BUREN  | 195,181             |
| WASHTENAW  | 1,151,553           |
| WAYNE  | 11,809,543          |
| WEXFORD  | 120,960             |

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

| <b>TABLE 6A<br/>TOTAL WASTE DISPOSED BY COUNTY - FY 2022<br/>(Volume in Cubic Yards)</b> |                           |
|--|---------------------------|
| <b>COUNTY</b>  | <b>TOTAL WASTE VOLUME</b> |
| ALGER  | 157,714                   |
| ALPENA   | 398,000                   |
| BARRY  | 158,119                   |
| BAY  | 551,249                   |
| BERRIEN  | 1,772,686                 |
| CALHOUN  | 1,409,241                 |
| CHARLEVOIX   | 0                         |
| CHIPPEWA   | 226,135                   |

**TABLE 6A**  
**TOTAL WASTE DISPOSED BY COUNTY - FY 2022**  
**(Volume in Cubic Yards)**

| COUNTY       | TOTAL WASTE VOLUME |
|--------------|--------------------|
| CLARE        | 378,999            |
| CLINTON      | 1,855,334          |
| CRAWFORD     | 200,062            |
| DELTA        | 130,818            |
| DICKINSON    | 122,370            |
| GENESEE      | 1,663,356          |
| HURON        | 184,910            |
| IONIA        | 249,531            |
| JACKSON      | 385,451            |
| KENT         | 854,371            |
| LEELANAU     | 102,676            |
| MACOMB       | 8,345,275          |
| MANISTEE     | 317,500            |
| MARQUETTE    | 161,753            |
| MENOMINEE    | 136,240            |
| MIDLAND      | 479,840            |
| MONROE       | 1,328,944          |
| MONTCALM     | 746,543            |
| MONTMORENCY  | 192,617            |
| MUSKEGON     | 392,967            |
| OAKLAND      | 2,382,206          |
| ONTONAGON    | 280,114            |
| OTTAWA       | 2,306,664          |
| PRESQUE ISLE | 405,048            |
| SAGINAW      | 535,344            |
| SANILAC      | 73,925             |
| SCHOOLCRAFT  | 84,813             |
| SHIAWASSEE   | 774,655            |
| ST CLAIR     | 1,082,985          |
| ST JOSEPH    | 814,520            |
| WASHTENAW    | 4,371,876          |
| WAYNE        | 15,326,658         |
| WEXFORD      | 648,528            |



## FACILITY INFORMATION

The total of MCW disposed, total of IW, C&D, ADC, and OTHER disposed, and total volume disposed at each of the 67 reporting facilities is given in Table 7. Tables 8 and 9 list the MCW and the IW, C&D, ADC, and OTHER 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.

| <b>TABLE 7<br/>TOTAL WASTE DISPOSAL BY FACILITY - ALPHABETICAL LISTING - FY 2022<br/>(Volume in Cubic Yards)</b> |                         |   |                                     |
|--|-------------------------|---|-------------------------------------|
| <b>FACILITY NAME</b>   | <b>MCW<br/>DISPOSED</b> | <b>IW, C&amp;D, ADC,<br/>AND OTHER<br/>DISPOSED</b> | <b>TOTAL<br/>WASTE<br/>DISPOSED</b> |
| ARBOR HILLS LANDFILL, INC.   | 3,319,386               | 1,052,490   | 4,371,876                           |
| AUTUMN HILLS RECYCLING<br>AND DISPOSAL FACILITY  | 470,859                 | 224,894   | 695,753                             |
| BELLE RIVER POWER PLANT<br>BOTTOM ASH AND<br>DIVERSION BASINS  | 0                       | 11,576  | 11,576                              |
| BRENT RUN LANDFILL   | 723,846                 | 61,469  | 785,315                             |
| C & C EXPANDED SANITARY<br>LANDFILL  | 1,047,005               | 362,235   | 1,409,241                           |
| CARLETON FARMS LANDFILL  | 3,893,591               | 1,974,962   | 5,868,553                           |
| CENTRAL SANITARY<br>LANDFILL   | 703,767                 | 42,776  | 746,543                             |
| CITIZENS DISPOSAL, INC.  | 473,366                 | 404,675   | 878,041                             |
| CITY ENVIRONMENTAL<br>SERVICES, INC. OF WATERS   | 137,277                 | 62,784  | 200,062                             |
| CITY OF LIVONIA LANDFILL   | 0                       | 1,858   | 1,858                               |
| CITY OF MIDLAND SANITARY<br>LANDFILL   | 227,082                 | 252,758   | 479,840                             |
| CONSUMERS ENERGY<br>DE KARN  | 0                       | 0   | 0                                   |
| CONSUMERS ENERGY<br>J H CAMPBELL COMPLEX   | 0                       | 237,128   | 237,128                             |
| CONSUMERS WEADOCK<br>COMPLEX   | 0                       | 103,702   | 103,702                             |
| COUNTY OF MUSKEGON -<br>SOLID WASTE LANDFILL   | 289,981                 | 102,986   | 392,967                             |
| DAFTER SANITARY LANDFILL   | 223,414                 | 2,721   | 226,135                             |

**TABLE 7  
TOTAL WASTE DISPOSAL BY FACILITY - ALPHABETICAL LISTING - FY 2022  
(Volume in Cubic Yards)**

| <b>FACILITY NAME</b>  | <b>MCW<br/>DISPOSED</b> | <b>IW, C&amp;D, ADC,<br/>AND OTHER<br/>DISPOSED</b> | <b>TOTAL<br/>WASTE<br/>DISPOSED</b> |
|---|-------------------------|---|-------------------------------------|
| DELTA COUNTY LANDFILL   | 63,928                  | 13,351  | 77,279                              |
| DETROIT EDISON CO RANGE ROAD ASH DISPOSAL                                       | 0                       | 154,448   | 154,448                             |
| DETROIT EDISON CO SIBLEY QUARRY   | 0                       | 468,770   | 468,770                             |
| DTE MONROE POWER PLANT  | 0                       | 337,670   | 337,670                             |
| EAGLE VALLEY RECYCLE & DISPOSAL FACILITY  | 1,301,549               | 333,369   | 1,634,918                           |
| EVER-GREEN LANDFILL AND RECYCLING CENTER, LLC                                   | 0                       | 16,045  | 16,045                              |
| GENERAL MOTORS, LLC - SAGINAW METAL CASTING OPERATIONS - FORMERLY WDS NO 395505 | 0                       | 1,190   | 1,190                               |
| GFL NORTH MICHIGAN LANDFILL, LLC  | 340,775                 | 64,273  | 405,048                             |
| GLENS SANITARY LANDFILL   | 71,369                  | 31,307  | 102,676                             |
| GRANGER GRAND RIVER LANDFILL  | 832                     | 0   | 832                                 |
| GRANGER WOOD STREET LANDFILL  | 1,854,496               | 6   | 1,854,502                           |
| HAYWIRE LANDFILL  | 0                       | 48,045  | 48,045                              |
| HIAWATHA SHORES LANDFILL  | 20,718                  | 16,050  | 36,768                              |
| HURON LANDFILL CORP. - dba HURON LANDFILL                                       | 113,498                 | 71,412  | 184,910                             |
| K AND W LANDFILL, INC.  | 253,120                 | 10,950  | 264,069                             |
| LAFARGE MIDWEST, INC.   | 0                       | 398,000   | 398,000                             |
| LIBERTY ENVIRONMENTALISTS LANDFILL  | 0                       | 211,824   | 211,824                             |
| MANISTEE COUNTY LANDFILL, INC.  | 203,145                 | 114,355   | 317,500                             |
| MARQUETTE COUNTY SOLID WASTE MGMT AUTHORITY                                     | 110,964                 | 50,789  | 161,753                             |
| MATLIN ROAD LANDFILL  | 0                       | 6,294   | 6,294                               |
| MCGILL ROAD LANDFILL  | 141,991                 | 31,636  | 173,627                             |
| MICHIGAN ENVIRONS, INC.   | 72,456                  | 63,784  | 136,240                             |

**TABLE 7  
TOTAL WASTE DISPOSAL BY FACILITY - ALPHABETICAL LISTING - FY 2022  
(Volume in Cubic Yards)**

| <b>FACILITY NAME</b>   | <b>MCW<br/>DISPOSED</b> | <b>IW, C&amp;D, ADC,<br/>AND OTHER<br/>DISPOSED</b> | <b>TOTAL<br/>WASTE<br/>DISPOSED</b> |
|--|-------------------------|---|-------------------------------------|
| MONTMORENCY-OSCODA-ALPENA SWMA   | 139,705                 | 52,912  | 192,617                             |
| NIAGARA DEVELOPMENT, LLC dba IN MICHIGAN AS NIAGARA DEVELOPMENT PARTNERS | 0                       | 11,975  | 11,975                              |
| NORTHERN OAKS RECYCLING AND DISPOSAL FACILITY                            | 219,380                 | 159,619   | 378,999                             |
| OAKLAND HEIGHTS DEVELOPMENT, INC.  | 611,809                 | 135,479   | 747,288                             |
| ORCHARD HILL SANITARY LANDFILL   | 761,166                 | 0   | 761,166                             |
| OTTAWA COUNTY FARMS LANDFILL   | 836,810                 | 536,973   | 1,373,783                           |
| PEOPLES LANDFILL, INC.   | 450,826                 | 83,328  | 534,154                             |
| PINE TREE ACRES, INC.  | 7,610,791               | 734,484   | 8,345,275                           |
| PITSCH SANITARY LANDFILL   | 58,693                  | 190,838   | 249,531                             |
| RIVERVIEW LAND PRESERVE  | 1,036,205               | 439,121   | 1,475,326                           |
| SAUK TRAIL HILLS LANDFILL  | 817,966                 | 467,989   | 1,285,955                           |
| SC HOLDINGS, INC.  | 145,050                 | 13,069  | 158,119                             |
| SMITHS CREEK LANDFILL  | 797,395                 | 107,990   | 905,385                             |
| SOUTH KENT LANDFILL  | 695,672                 | 158,699   | 854,371                             |
| SOUTHEAST BERRIEN COUNTY LANDFILL  | 832,470                 | 179,050   | 1,011,520                           |
| SPARTA FOUNDRY WASTE FACILITY  | 0                       | 0   | 0                                   |
| ST CLAIR POWER PLANT BOTTOM ASH BASINS                                   | 0                       | 11,576  | 11,576                              |
| ST MARYS CEMENT U.S., LLC  | 0                       | 0   | 0                                   |
| TRI-CITY RECYCLING AND DISPOSAL FACILITY                                 | 58,826                  | 15,099  | 73,925                              |
| VENICE PARK RECYCLING & DISPOSAL FACILITY                                | 561,803                 | 212,851   | 774,655                             |
| VERSO ESCANABA, LLC  | 0                       | 53,539  | 53,539                              |
| VERSO QUINNESEC, LLC   | 0                       | 110,395   | 110,395                             |
| VIENNA JUNCTION INDUSTRIAL PARK SANITARY LANDFILL                        | 753,485                 | 231,495   | 984,980                             |

**TABLE 7  
TOTAL WASTE DISPOSAL BY FACILITY - ALPHABETICAL LISTING - FY 2022  
(Volume in Cubic Yards)**

| <b>FACILITY NAME</b>                   | <b>MCW<br/>DISPOSED</b> | <b>IW, C&amp;D, ADC,<br/>AND OTHER<br/>DISPOSED</b> | <b>TOTAL<br/>WASTE<br/>DISPOSED</b> |
|--|-------------------------|---|-------------------------------------|
| WESTSIDE RECYCLING & DISPOSAL FACILITY | 538,425                 | 276,095   | 814,520                             |
| WEXFORD COUNTY LANDFILL, LLC           | 554,932                 | 93,596  | 648,528                             |
| WHITEFEATHER LANDFILL                  | 269,145                 | 178,402   | 447,547                             |
| WOOD ISLAND WASTE MANAGEMENT, INC.     | 149,709                 | 8,005   | 157,714                             |
| WOODLAND MEADOWS RDF-VAN BUREN         | 3,155,441               | 3,070,756   | 6,226,197                           |

**TABLE 8  
MCW DISPOSAL BY FACILITY - RANKED BY VOLUME - FY 2022  
(Volume in Cubic Yards)**

| <b>FACILITY NAME</b>                              | <b>MCW<br/>DISPOSED</b> | <b>IW, C&amp;D, ADC,<br/>AND OTHER<br/>DISPOSED</b> | <b>TOTAL<br/>WASTE<br/>DISPOSED</b> |
|---|-------------------------|---|-------------------------------------|
| PINE TREE ACRES, INC.                             | 7,610,791               | 734,484   | 8,345,275                           |
| CARLETON FARMS LANDFILL                           | 3,893,591               | 1,974,962   | 5,868,553                           |
| ARBOR HILLS LANDFILL, INC.                        | 3,319,386               | 1,052,490   | 4,371,876                           |
| WOODLAND MEADOWS RDF-VAN BUREN                    | 3,155,441               | 3,070,756   | 6,226,197                           |
| GRANGER WOOD STREET LANDFILL                      | 1,854,496               | 6   | 1,854,502                           |
| EAGLE VALLEY RECYCLE & DISPOSAL FACILITY          | 1,301,549               | 333,369   | 1,634,918                           |
| C & C EXPANDED SANITARY LANDFILL                  | 1,047,005               | 362,235   | 1,409,241                           |
| RIVERVIEW LAND PRESERVE                           | 1,036,205               | 439,121   | 1,475,326                           |
| OTTAWA COUNTY FARMS LANDFILL                      | 836,810                 | 536,973   | 1,373,783                           |
| SOUTHEAST BERRIEN COUNTY LANDFILL                 | 832,470                 | 179,050   | 1,011,520                           |
| SAUK TRAIL HILLS LANDFILL                         | 817,966                 | 467,989   | 1,285,955                           |
| SMITHS CREEK LANDFILL                             | 797,395                 | 107,990   | 905,385                             |
| ORCHARD HILL SANITARY LANDFILL                    | 761,166                 | 0   | 761,166                             |
| VIENNA JUNCTION INDUSTRIAL PARK SANITARY LANDFILL | 753,485                 | 231,495   | 984,980                             |

**TABLE 8  
MCW DISPOSAL BY FACILITY - RANKED BY VOLUME - FY 2022  
(Volume in Cubic Yards)**

| <b>FACILITY NAME</b>                                | <b>MCW<br/>DISPOSED</b> | <b>IW, C&amp;D, ADC,<br/>AND OTHER<br/>DISPOSED</b> | <b>TOTAL<br/>WASTE<br/>DISPOSED</b> |
|---|-------------------------|---|-------------------------------------|
| BRENT RUN LANDFILL                                  | 723,846                 | 61,469  | 785,315                             |
| CENTRAL SANITARY<br>LANDFILL                        | 703,767                 | 42,776  | 746,543                             |
| SOUTH KENT LANDFILL                                 | 695,672                 | 158,699   | 854,371                             |
| OAKLAND HEIGHTS<br>DEVELOPMENT, INC.                | 611,809                 | 135,479   | 747,288                             |
| VENICE PARK RECYCLING &<br>DISPOSAL FACILITY        | 561,803                 | 212,851   | 774,655                             |
| WEXFORD COUNTY<br>LANDFILL, LLC                     | 554,932                 | 93,596  | 648,528                             |
| WESTSIDE RECYCLING &<br>DISPOSAL FACILITY           | 538,425                 | 276,095   | 814,520                             |
| CITIZENS DISPOSAL, INC.                             | 473,366                 | 404,675   | 878,041                             |
| AUTUMN HILLS RECYCLING<br>AND DISPOSAL FACILITY     | 470,859                 | 224,894   | 695,753                             |
| PEOPLES LANDFILL, INC.                              | 450,826                 | 83,328  | 534,154                             |
| GFL NORTH MICHIGAN<br>LANDFILL, LLC                 | 340,775                 | 64,273  | 405,048                             |
| COUNTY OF MUSKEGON -<br>SOLID WASTE LANDFILL        | 289,981                 | 102,986   | 392,967                             |
| WHITEFEATHER LANDFILL                               | 269,145                 | 178,402   | 447,547                             |
| K AND W LANDFILL, INC.                              | 253,120                 | 10,950  | 264,069                             |
| CITY OF MIDLAND SANITARY<br>LANDFILL                | 227,082                 | 252,758   | 479,840                             |
| DAFTER SANITARY LANDFILL                            | 223,414                 | 2,721   | 226,135                             |
| NORTHERN OAKS<br>RECYCLING AND DISPOSAL<br>FACILITY | 219,380                 | 159,619   | 378,999                             |
| MANISTEE COUNTY<br>LANDFILL, INC.                   | 203,145                 | 114,355   | 317,500                             |
| WOOD ISLAND WASTE<br>MANAGEMENT, INC.               | 149,709                 | 8,005   | 157,714                             |
| SC HOLDINGS, INC.                                   | 145,050                 | 13,069  | 158,119                             |
| MCGILL ROAD LANDFILL                                | 141,991                 | 31,636  | 173,627                             |
| MONTMORENCY-OSCODA-<br>ALPENA SWMA                  | 139,705                 | 52,912  | 192,617                             |
| CITY ENVIRONMENTAL<br>SERVICES, INC. OF WATERS      | 137,277                 | 62,784  | 200,062                             |

**TABLE 8  
MCW DISPOSAL BY FACILITY - RANKED BY VOLUME - FY 2022  
(Volume in Cubic Yards)**

| <b>FACILITY NAME</b>                         | <b>MCW<br/>DISPOSED</b> | <b>IW, C&amp;D, ADC,<br/>AND OTHER<br/>DISPOSED</b> | <b>TOTAL<br/>WASTE<br/>DISPOSED</b> |
|--|-------------------------|---|-------------------------------------|
| HURON LANDFILL CORP. -<br>dba HURON LANDFILL | 113,498                 | 71,412  | 184,910                             |
| MARQUETTE CO SOLID<br>WASTE MGMT AUTHORITY   | 110,964                 | 50,789  | 161,753                             |
| MICHIGAN ENVIRONS INC                        | 72,456                  | 63,784  | 136,240                             |
| GLENS SANITARY LANDFILL                      | 71,369                  | 31,307  | 102,676                             |
| DELTA COUNTY LANDFILL                        | 63,928                  | 13,351  | 77,279                              |
| TRI-CITY RECYCLING AND<br>DISPOSAL FACILITY  | 58,826                  | 15,099  | 73,925                              |
| PITSCH SANITARY LANDFILL                     | 58,693                  | 190,838   | 249,531                             |
| HIAWATHA SHORES<br>LANDFILL                  | 20,718                  | 16,050  | 36,768                              |
| GRANGER GRAND RIVER<br>LANDFILL              | 832                     | 0   | 832                                 |

**TABLE 9  
IW AND C&D DISPOSAL BY FACILITY - RANKED BY VOLUME - FY 2022  
(Volume in Cubic Yards)**

| <b>FACILITY NAME</b>                | <b>MCW<br/>DISPOSED</b> | <b>IW, C&amp;D, ADC,<br/>AND OTHER<br/>DISPOSED</b> | <b>TOTAL<br/>WASTE<br/>DISPOSED</b> |
|-------------------------------------|-------------------------|---|-------------------------------------|
| WOODLAND MEADOWS RDF-<br>VAN BUREN  | 3,155,441               | 3,070,756   | 6,226,197                           |
| CARLETON FARMS LANDFILL             | 3,893,591               | 1,974,962   | 5,868,553                           |
| ARBOR HILLS LANDFILL, INC.          | 3,319,386               | 1,052,490   | 4,371,876                           |
| PINE TREE ACRES, INC.               | 7,610,791               | 734,484   | 8,345,275                           |
| OTTAWA COUNTY FARMS<br>LANDFILL     | 836,810                 | 536,973   | 1,373,783                           |
| DETROIT EDISON CO SIBLEY<br>QUARRY  | 0                       | 468,770   | 468,770                             |
| SAUK TRAIL HILLS LANDFILL           | 817,966                 | 467,989   | 1,285,955                           |
| RIVERVIEW LAND PRESERVE             | 1,036,205               | 439,121   | 1,475,326                           |
| CITIZENS DISPOSAL, INC.             | 473,366                 | 404,675   | 878,041                             |
| LAFARGE MIDWEST, INC.               | 0                       | 398,000   | 398,000                             |
| C & C EXPANDED SANITARY<br>LANDFILL | 1,047,005               | 362,235   | 1,409,241                           |
| DTE MONROE POWER PLANT              | 0                       | 337,670   | 337,670                             |

**TABLE 9  
IW AND C&D DISPOSAL BY FACILITY - RANKED BY VOLUME - FY 2022  
(Volume in Cubic Yards)**

| <b>FACILITY NAME</b>                              | <b>MCW<br/>DISPOSED</b> | <b>IW, C&amp;D, ADC,<br/>AND OTHER<br/>DISPOSED</b> | <b>TOTAL<br/>WASTE<br/>DISPOSED</b> |
|---|-------------------------|---|-------------------------------------|
| EAGLE VALLEY RECYCLE & DISPOSAL FACILITY          | 1,301,549               | 333,369   | 1,634,918                           |
| WESTSIDE RECYCLING & DISPOSAL FACILITY            | 538,425                 | 276,095   | 814,520                             |
| CITY OF MIDLAND SANITARY LANDFILL                 | 227,082                 | 252,758   | 479,840                             |
| CONSUMERS ENERGY J H CAMPBELL COMPLEX             | 0                       | 237,128   | 237,128                             |
| VIENNA JUNCTION INDUSTRIAL PARK SANITARY LANDFILL | 753,485                 | 231,495   | 984,980                             |
| AUTUMN HILLS RECYCLING AND DISPOSAL FACILITY      | 470,859                 | 224,894   | 695,753                             |
| VENICE PARK RECYCLING & DISPOSAL FACILITY         | 561,803                 | 212,851   | 774,655                             |
| LIBERTY ENVIRONMENTALISTS LANDFILL                | 0                       | 211,824   | 211,824                             |
| PITSCH SANITARY LANDFILL                          | 58,693                  | 190,838   | 249,531                             |
| SOUTHEAST BERRIEN COUNTY LANDFILL                 | 832,470                 | 179,050   | 1,011,520                           |
| WHITEFEATHER LANDFILL                             | 269,145                 | 178,402   | 447,547                             |
| NORTHERN OAKS RECYCLING AND DISPOSAL FACILITY     | 219,380                 | 159,619   | 378,999                             |
| SOUTH KENT LANDFILL                               | 695,672                 | 158,699   | 854,371                             |
| DETROIT EDISON CO RANGE RD ASH DISPOSAL           | 0                       | 154,448   | 154,448                             |
| OAKLAND HEIGHTS DEVELOPMENT INC                   | 611,809                 | 135,479   | 747,288                             |
| MANISTEE COUNTY LANDFILL, INC.                    | 203,145                 | 114,355   | 317,500                             |
| VERSO QUINNESEC, LLC                              | 0                       | 110,395   | 110,395                             |
| SMITHS CREEK LANDFILL                             | 797,395                 | 107,990   | 905,385                             |
| CONSUMERS WEADOCK COMPLEX                         | 0                       | 103,702   | 103,702                             |
| COUNTY OF MUSKEGON - SOLID WASTE LANDFILL         | 289,981                 | 102,986   | 392,967                             |
| WEXFORD COUNTY LANDFILL, LLC                      | 554,932                 | 93,596  | 648,528                             |

**TABLE 9  
IW AND C&D DISPOSAL BY FACILITY - RANKED BY VOLUME - FY 2022  
(Volume in Cubic Yards)**

| <b>FACILITY NAME</b>  | <b>MCW<br/>DISPOSED</b> | <b>IW, C&amp;D, ADC,<br/>AND OTHER<br/>DISPOSED</b> | <b>TOTAL<br/>WASTE<br/>DISPOSED</b> |
|---|-------------------------|---|-------------------------------------|
| PEOPLES LANDFILL, INC.  | 450,826                 | 83,328  | 534,154                             |
| HURON LANDFILL CORP. - dba<br>HURON LANDFILL                                  | 113,498                 | 71,412  | 184,910                             |
| GFL NORTH MICHIGAN<br>LANDFILL, LLC   | 340,775                 | 64,273  | 405,048                             |
| MICHIGAN ENVIRONS, INC.   | 72,456                  | 63,784  | 136,240                             |
| CITY ENVIRONMENTAL<br>SERVICES INC OF WATERS                                  | 137,277                 | 62,784  | 200,062                             |
| BRENT RUN LANDFILL  | 723,846                 | 61,469  | 785,315                             |
| VERSO ESCANABA, LLC   | 0                       | 53,539  | 53,539                              |
| MONTMORENCY-OSCODA-<br>ALPENA SWMA  | 139,705                 | 52,912  | 192,617                             |
| MARQUETTE CO SOLID<br>WASTE MGMT AUTHORITY                                    | 110,964                 | 50,789  | 161,753                             |
| HAYWIRE LANDFILL  | 0                       | 48,045  | 48,045                              |
| CENTRAL SANITARY<br>LANDFILL  | 703,767                 | 42,776  | 746,543                             |
| MCGILL ROAD LANDFILL  | 141,991                 | 31,636  | 173,627                             |
| GLENS SANITARY LANDFILL   | 71,369                  | 31,307  | 102,676                             |
| HIAWATHA SHORES<br>LANDFILL   | 20,718                  | 16,050  | 36,768                              |
| EVER-GREEN LANDFILL AND<br>RECYCLING CENTER, LLC                              | 0                       | 16,045  | 16,045                              |
| TRI-CITY RECYCLING AND<br>DISPOSAL FACILITY                                   | 58,826                  | 15,099  | 73,925                              |
| DELTA COUNTY LANDFILL   | 63,928                  | 13,351  | 77,279                              |
| SC HOLDINGS, INC.   | 145,050                 | 13,069  | 158,119                             |
| NIAGARA DEVELOPMENT LLC<br>dba IN MICHIGAN AS NIAGARA<br>DEVELOPMENT PARTNERS | 0                       | 11,975  | 11,975                              |
| BELLE RIVER POWER PLANT<br>BOTTOM ASH AND<br>DIVERSION BASINS                 | 0                       | 11,576  | 11,576                              |
| ST CLAIR POWER PLANT<br>BOTTOM ASH BASINS                                     | 0                       | 11,576  | 11,576                              |
| K AND W LANDFILL, INC.  | 253,120                 | 10,950  | 264,069                             |
| WOOD ISLAND WASTE<br>MANAGEMENT, INC.   | 149,709                 | 8,005   | 157,714                             |
| MATLIN ROAD LANDFILL  | 0                       | 6,294   | 6,294                               |



| <b>TABLE 9</b><br><b>IW AND C&amp;D DISPOSAL BY FACILITY - RANKED BY VOLUME - FY 2022</b><br><b>(Volume in Cubic Yards)</b> |                         |   |                                     |
|---|-------------------------|---|-------------------------------------|
| <b>FACILITY NAME</b>  | <b>MCW<br/>DISPOSED</b> | <b>IW, C&amp;D, ADC,<br/>AND OTHER<br/>DISPOSED</b> | <b>TOTAL<br/>WASTE<br/>DISPOSED</b> |
| DAFTER SANITARY LANDFILL  | 223,414                 | 2,721   | 226,135                             |
| CITY OF LIVONIA LANDFILL  | 0                       | 1,858   | 1,858                               |
| GENERAL MOTORS, LLC -<br>SAGINAW METAL CASTING<br>OPERATIONS - FORMERLY<br>WDS NO 395505                                    | 0                       | 1,190   | 1,190                               |
| GRANGER WOOD STREET<br>LANDFILL   | 1,854,496               | 6   | 1,854,502                           |

### 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 2022 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: 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).

| <b>TABLE 10<br/>FACILITY CAPACITY AND YEARS REMAINING FOR<br/>NONCAPTIVE FACILITIES - FY 2022<br/>(Volume in Cubic Yards)</b> |                               |   |  |   |
|---|-------------------------------|---|--|---|
| <b>FACILITY NAME</b>  | <b>(A)</b>                    | <b>(B)</b>                              | <b>(C)</b>   | <b>(D)</b>  |
|   | <b>REMAINING<br/>CAPACITY</b> | <b>CAPACITY<br/>USED IN<br/>FY 2022</b> | <b>PROJECTED<br/>YEARS OF<br/>REMAINING<br/>CAPACITY</b> | <b>CALCULATED<br/>YEARS OF<br/>REMAINING<br/>CAPACITY</b> |
| <b>REPORTED BY THE LANDFILL</b>   |                               |   |  |   |
| ARBOR HILLS<br>LANDFILL, INC.   | 11,353,150                    | 1,749,131                               | 6  | 6   |
| AUTUMN HILLS<br>RECYCLING AND<br>DISPOSAL FACILITY  | 20,377,470                    | 245,255                                 | 55   | 83  |
| BRENT RUN LANDFILL  | 13,759,099                    | 764,099                                 | 31   | 18  |
| C & C EXPANDED<br>SANITARY LANDFILL   | 39,703,463                    | 441,701                                 | 90   | 90  |
| CARLETON FARMS<br>LANDFILL  | 44,430,452                    | 2,095,868                               | 21   | 21  |
| CENTRAL SANITARY<br>LANDFILL  | 7,485,616                     | 339,954                                 | 27   | 22  |
| CITIZENS DISPOSAL,<br>INC.  | 5,339,538                     | 437,818                                 | 12   | 12  |
| CITY<br>ENVIRONMENTAL<br>SERVICES INC OF<br>WATERS  | 14,592,464                    | 100,031                                 | 146  | 146   |
| CITY OF MIDLAND<br>SANITARY LANDFILL  | 6,344,262                     | 154,940                                 | 37   | 41  |
| COUNTY OF<br>MUSKEGON - SOLID<br>WASTE LANDFILL   | 308,466                       | 205,053                                 | 1  | 2   |
| DAFTER SANITARY<br>LANDFILL   | 3,182,507                     | 102,665                                 | 31   | 31  |
| DELTA COUNTY<br>LANDFILL  | 451,150                       | 63,650                                  | 106  | 7   |
| EAGLE VALLEY<br>RECYCLE &<br>DISPOSAL FACILITY  | 7,114,355                     | 761,746                                 | 16   | 9   |

**TABLE 10  
FACILITY CAPACITY AND YEARS REMAINING FOR  
NONCAPTIVE FACILITIES - FY 2022  
(Volume in Cubic Yards)**

| FACILITY NAME                                 | (A)                      | (B)                      | (C)                                   | (D)                                    |
|---|--------------------------|--------------------------|---------------------------------------|--|
|   | REMAINING CAPACITY       | CAPACITY USED IN FY 2022 | PROJECTED YEARS OF REMAINING CAPACITY | CALCULATED YEARS OF REMAINING CAPACITY |
|   | REPORTED BY THE LANDFILL |                          |                                       |  |
| EVER-GREEN LANDFILL AND RECYCLING CENTER, LLC | 456,833                  | 16,045                   | 30                                    | 28                                     |
| GFL NORTH MICHIGAN LANDFILL, LLC              | 880,133                  | 202,524                  | 4                                     | 4                                      |
| GLENS SANITARY LANDFILL                       | 17,696,270               | 51,347                   | 345                                   | 345                                    |
| GRANGER GRAND RIVER LANDFILL                  | 5,749,597                | 243                      | 30                                    | 23,661                                 |
| GRANGER WOOD STREET LANDFILL                  | 18,226,533               | 1,806,609                | 25                                    | 10                                     |
| HIAWATHA SHORES LANDFILL                      | 1,645,768                | 36,768                   | 66                                    | 45                                     |
| HURON LANDFILL CORP. - dba HURON LANDFILL     | 2,029,934                | 80,983                   | 20                                    | 25                                     |
| K AND W LANDFILL, INC.                        | 979,150                  | 146,210                  | 8                                     | 7                                      |
| LIBERTY ENVIRONMENTALISTS LANDFILL            | 2,344,359                | 211,823                  | 11                                    | 11                                     |
| MANISTEE COUNTY LANDFILL, INC.                | 7,888,047                | 214,128                  | 43                                    | 37                                     |
| MARQUETTE CO SOLID WASTE MGMT AUTHORITY       | 4,931,818                | 110,964                  | 49                                    | 44                                     |
| MATLIN ROAD LANDFILL                          | 326,075                  | 6,294                    | 119                                   | 52                                     |
| MCGILL ROAD LANDFILL                          | 148,066                  | 88,784                   | 2                                     | 2                                      |
| MICHIGAN ENVIRONS, INC.                       | 1,901,456                | 73,691                   | 31                                    | 26                                     |

**TABLE 10  
FACILITY CAPACITY AND YEARS REMAINING FOR  
NONCAPTIVE FACILITIES - FY 2022  
(Volume in Cubic Yards)**

| FACILITY NAME  | (A)                      | (B)                      | (C)                                   | (D)                                    |
|--|--------------------------|--------------------------|---------------------------------------|--|
|  | REMAINING CAPACITY       | CAPACITY USED IN FY 2022 | PROJECTED YEARS OF REMAINING CAPACITY | CALCULATED YEARS OF REMAINING CAPACITY |
|  | REPORTED BY THE LANDFILL |                          |                                       |  |
| MONTMORENCY-OSCODA-ALPENA SWMA   | 1,690,815                | 82,500                   | 20                                    | 20                                     |
| NIAGARA DEVELOPMENT, LLC dba IN MICHIGAN AS NIAGARA DEVELOPMENT PARTNERS | 1,826,640                | 11,975                   | 153                                   | 153                                    |
| NORTHERN OAKS RECYCLING AND DISPOSAL FACILITY                            | 5,872,884                | 189,500                  | 31                                    | 31                                     |
| OAKLAND HEIGHTS DEVELOPMENT INC  | 483,398                  | 259,565                  | 2                                     | 2                                      |
| ORCHARD HILL SANITARY LANDFILL   | 15,343,486               | 317,152                  | 48                                    | 48                                     |
| OTTAWA COUNTY FARMS LANDFILL   | 31,579,177               | 713,342                  | 46                                    | 44                                     |
| PEOPLES LANDFILL, INC.   | 4,455,461                | 267,077                  | 17                                    | 17                                     |
| PINE TREE ACRES, INC.  | 32,593,038               | 3,495,591                | 15                                    | 9                                      |
| PITSCH SANITARY LANDFILL   | 1,532,458                | 249,531                  | 19                                    | 6                                      |
| RIVERVIEW LAND PRESERVE  | 6,857,439                | 549,391                  | 13                                    | 12                                     |
| SAUK TRAIL HILLS LANDFILL  | 4,483,248                | 576,204                  | 8                                     | 8                                      |
| SC HOLDINGS, INC.  | 1,725,386                | 57,875                   | 22                                    | 30                                     |
| SMITHS CREEK LANDFILL  | 16,905,679               | 361,926                  | 47                                    | 47                                     |
| SOUTH KENT LANDFILL  | 3,265,679                | 515,442                  | 6                                     | 6                                      |
| SOUTHEAST BERRIEN COUNTY LANDFILL  | 3,311,907                | 233,331                  | 14                                    | 14                                     |

**TABLE 10  
FACILITY CAPACITY AND YEARS REMAINING FOR  
NONCAPTIVE FACILITIES - FY 2022  
(Volume in Cubic Yards)**

| FACILITY NAME                                     | (A)                      | (B)                      | (C)                                   | (D)                                    |
|---|--------------------------|--------------------------|---------------------------------------|--|
|   | REMAINING CAPACITY       | CAPACITY USED IN FY 2022 | PROJECTED YEARS OF REMAINING CAPACITY | CALCULATED YEARS OF REMAINING CAPACITY |
|   | REPORTED BY THE LANDFILL |                          |                                       |  |
| TRI-CITY RECYCLING AND DISPOSAL FACILITY          | 16,595,812               | 36,168                   | 509                                   | 459                                    |
| VENICE PARK RECYCLING & DISPOSAL FACILITY         | 6,877,147                | 387,328                  | 18                                    | 18                                     |
| VIENNA JUNCTION INDUSTRIAL PARK SANITARY LANDFILL | 2,738,623                | 471,292                  | 6                                     | 6                                      |
| WESTSIDE RECYCLING & DISPOSAL FACILITY            | 34,464,202               | 574,625                  | 77                                    | 60                                     |
| WEXFORD COUNTY LANDFILL, LLC                      | 176,602,063              | 208,544                  | 54                                    | 847                                    |
| WHITEFEATHER LANDFILL                             | 1,167,545                | 171,178                  | 7                                     | 7                                      |
| WOOD ISLAND WASTE MANAGEMENT, INC.                | 1,726,322                | 97,731                   | 19                                    | 18                                     |
| WOODLAND MEADOWS RDF-VAN BUREN                    | 48,584,000               | 2,850,000                | 18                                    | 17                                     |
| <b>TOTAL</b>                                      | <b>660,328,440</b>       | <b>23,185,592</b>        |                                       |  |

Based on current capacity used for FY 2022 (23,185,592 cubic yards) and total remaining capacity at noncaptive facilities (660,328,440 cubic yards), which may include additional capacity permitted<sup>8</sup> during the fiscal year and using the same calculation for deriving the values in Column (D), it is estimated that Michigan noncaptive landfills have

<sup>8</sup> Construction permits were issued to the following landfills and were reflected in Re-TRAC; these permits increased or decreased their disposal capacities and have been reflected in this report: Consumers Energy J H Campbell Complex, County of Muskegon Department of Public Works, Granger III and Associates LLC, Huron Landfill Corp.

approximately 28 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.

APPENDIX A  
WASTE TYPE KEY

APPENDIX A – WASTE TYPE KEY

| WASTE TYPE KEY  |   |                                 |
|---|---|---------------------------------|
|   | Description   | Reference                       |
| <b>Municipal &amp;<br/>Commercial Waste<br/>(MCW)</b> | Commercial Waste  | R 299.4102(b)                   |
|   | Garbage   | 324.11503(20)                   |
|   | Household Waste   | R 299.4103(k)                   |
|   | Medical Waste (Regulated)   | R 299.4104(a) &<br>324.11504(6) |
|   | Municipal Solid Waste Incinerator Ash   | 324.11504(15)                   |
| <b>Industrial Waste (IW)</b>                          | 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<br>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)                    |
|   | Wood Ash  | 324.11506(13)                   |

APPENDIX A  
WASTE TYPE KEY

|  |   |                                    |
|--|---|------------------------------------|
| <b>Construction &amp; Demolition Waste (C&amp;D)</b> | Construction and Demolition Waste   | R 299.4102(f)                      |
|  | Scrap Wood  | 324.11505(8)                       |
|  | Treated Wood  | 324.11506(8)                       |
|  | Wood  | 324.11506(12)                      |
| <b>Other Waste (O)</b>                               | Asbestos Waste  | R 299.4101(k)                      |
|  | Contaminated Soils  | ***                                |
|  | TENORM  | 324.11104(7)                       |
| <b>Alternative Daily Cover (ADC)</b>                 | <b>Class B ADC</b>  | 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)                      |
|  | <b>Class C ADC</b>  | R 299.429(2)(c)                    |
|  | Contaminated Soils  | ***                                |
|  | Auto Shredder Residue   | **                                 |
|  | Other Approved  | R 299.429(2)(c)(iv)                |
| <b>** Auto Shredder Residue</b>                      | 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.   |                                    |
| <b>*** Contaminated Soils</b>                        | Means any excavated soil or dredge sediment that is contaminated by a hazardous substance that falls below Part 201, Environmental Remediation, of the NREPA, generic residential soil direct contact cleanup criteria and hazardous substances in leachate from the soil or sediment, using, at the option of the generator, the United States Environmental Protection Agency method 1311, 1312, or any other leaching protocol approved by EGLE, 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, Water Resources Protection, of the NREPA, at the area of placement, disposal, or use. |                                    |



APPENDIX A  
**WASTE TYPE KEY**

[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**

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.

| <b>ARBOR HILLS LANDFILL, INC.<br/>(WASHTENAW COUNTY)</b> |                  |               |                |                |                |
|--|------------------|---------------|----------------|----------------|----------------|
| <b>ORIGIN</b>  | <b>MCW</b>       | <b>IW</b>     | <b>C&amp;D</b> | <b>ADC</b>     | <b>OTHER</b>   |
| CALHOUN  | 4,522            | 0             | 0              | 0              | 0              |
| CANADA   | 829,497          | 0             | 0              | 0              | 0              |
| CLINTON  | 15               | 36            | 0              | 0              | 0              |
| GENESEE  | 910              | 0             | 0              | 0              | 81             |
| INGHAM   | 87               | 0             | 0              | 0              | 1,343          |
| KENT   | 0                | 0             | 1,451          | 0              | 0              |
| LENAWEE  | 1,492            | 16            | 165            | 0              | 1              |
| LIVINGSTON   | 70,630           | 1,754         | 6,341          | 143            | 52             |
| MACOMB   | 391,527          | 4,146         | 5,981          | 948            | 207            |
| MIDLAND  | 68               | 0             | 0              | 0              | 0              |
| MONROE   | 52,826           | 0             | 1,812          | 97             | 27             |
| OAKLAND  | 1,150,351        | 10,859        | 85,755         | 6,087          | 25,428         |
| OCEANA   | 51               | 0             | 0              | 0              | 0              |
| OHIO   | 4,137            | 0             | 0              | 0              | 0              |
| SAGINAW  | 50               | 0             | 10             | 0              | 7              |
| TUSCOLA  | 0                | 0             | 0              | 7,509          | 0              |
| WASHTENAW  | 179,545          | 8,035         | 74,057         | 7,108          | 301,171        |
| WAYNE  | 633,680          | 2,074         | 189,297        | 100,651        | 209,841        |
| <b>TOTALS</b>  | <b>3,319,386</b> | <b>26,920</b> | <b>364,868</b> | <b>122,543</b> | <b>538,158</b> |

APPENDIX B  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE**

| <b>AUTUMN HILLS RECYCLING AND DISPOSAL FACILITY<br/>(OTTAWA COUNTY)</b> |                |                |                |            |               |
|---|----------------|----------------|----------------|------------|---------------|
| <b>ORIGIN</b>   | <b>MCW</b>     | <b>IW</b>      | <b>C&amp;D</b> | <b>ADC</b> | <b>OTHER</b>  |
| ALLEGAN   | 42,199         | 39,406         | 8,733          | 0          | 3,562         |
| BARRY   | 507            | 11             | 148            | 0          | 251           |
| BERRIEN   | 0              | 21             | 67             | 0          | 1,483         |
| BRANCH  | 0              | 0              | 0              | 0          | 0             |
| CALHOUN   | 0              | 52             | 0              | 0          | 27            |
| CLINTON   | 0              | 0              | 0              | 0          | 28            |
| EATON   | 36             | 0              | 0              | 0          | 0             |
| GRATIOT   | 0              | 4              | 0              | 0          | 0             |
| IONIA   | 3,120          | 5              | 0              | 0          | 0             |
| KALAMAZOO   | 153            | 37,716         | 271            | 0          | 1,007         |
| KENT  | 63,604         | 26,488         | 7,350          | 0          | 2,209         |
| MASON   | 0              | 15             | 6              | 0          | 0             |
| MECOSTA   | 0              | 5              | 0              | 0          | 0             |
| MONTCALM  | 17             | 34             | 3              | 0          | 0             |
| MUSKEGON  | 47,450         | 1,383          | 88             | 0          | 9             |
| NEWAYGO   | 0              | 20             | 0              | 0          | 1             |
| OCEANA  | 0              | 0              | 4              | 0          | 0             |
| OTTAWA  | 312,769        | 30,483         | 41,502         | 0          | 21,137        |
| VAN BUREN   | 1,005          | 990            | 324            | 0          | 53            |
| <b>TOTALS</b>   | <b>470,859</b> | <b>136,632</b> | <b>58,494</b>  | <b>0</b>   | <b>29,768</b> |

| <b>BELLE RIVER POWER PLANT BOTTOM ASH AND DIVERSION BASINS<br/>(ST CLAIR COUNTY)</b> |            |               |                |            |              |
|--|------------|---------------|----------------|------------|--------------|
| <b>ORIGIN</b>  | <b>MCW</b> | <b>IW</b>     | <b>C&amp;D</b> | <b>ADC</b> | <b>OTHER</b> |
| ST CLAIR   | 0          | 11,576        | 0              | 0          | 0            |
| <b>TOTALS</b>  | <b>0</b>   | <b>11,576</b> | <b>0</b>       | <b>0</b>   | <b>0</b>     |

APPENDIX B  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE**

| <b>BRENT RUN LANDFILL<br/>(GENESEE COUNTY)</b> |                |               |                |               |              |
|--|----------------|---------------|----------------|---------------|--------------|
| <b>ORIGIN</b>                                  | <b>MCW</b>     | <b>IW</b>     | <b>C&amp;D</b> | <b>ADC</b>    | <b>OTHER</b> |
| BAY  | 8,226          | 0             | 15             | 0             | 0            |
| CANADA   | 46,447         | 0             | 0              | 0             | 0            |
| CLINTON  | 118            | 0             | 0              | 0             | 0            |
| EATON  | 51             | 0             | 0              | 0             | 0            |
| GENESEE  | 348,555        | 2,079         | 5,141          | 13,136        | 83           |
| GRATIOT  | 5,616          | 0             | 0              | 0             | 0            |
| INGHAM   | 5,975          | 0             | 0              | 0             | 0            |
| LAPEER   | 161,184        | 676           | 516            | 0             | 935          |
| LIVINGSTON                                     | 3,015          | 0             | 0              | 0             | 0            |
| NEW JERSEY                                     | 0              | 1,721         | 0              | 0             | 0            |
| OAKLAND  | 4,284          | 1             | 158            | 0             | 75           |
| OHIO   | 0              | 5,633         | 0              | 8,080         | 0            |
| SAGINAW  | 112,131        | 247           | 17,666         | 0             | 513          |
| SANILAC  | 16             | 0             | 0              | 0             | 0            |
| SHIAWASSEE                                     | 5,705          | 0             | 883            | 0             | 0            |
| TUSCOLA  | 22,525         | 0             | 762            | 0             | 0            |
| WAYNE  | 0              | 2,985         | 0              | 0             | 164          |
| <b>TOTALS</b>                                  | <b>723,846</b> | <b>13,343</b> | <b>25,141</b>  | <b>21,216</b> | <b>1,769</b> |

APPENDIX B  
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

| <b>C &amp; C EXPANDED SANITARY LANDFILL<br/>(CALHOUN COUNTY)</b> |                  |                |                |               |              |
|--|------------------|----------------|----------------|---------------|--------------|
| <b>ORIGIN</b>  | <b>MCW</b>       | <b>IW</b>      | <b>C&amp;D</b> | <b>ADC</b>    | <b>OTHER</b> |
| ALLEGAN  | 0                | 621            | 0              | 0             | 0            |
| BARRY  | 17               | 301            | 0              | 0             | 0            |
| BERRIEN  | 105,802          | 0              | 6              | 0             | 0            |
| BRANCH   | 53,665           | 37,453         | 5,014          | 0             | 0            |
| CALHOUN  | 273,140          | 56,046         | 33,499         | 0             | 0            |
| CLINTON  | 140              | 532            | 122            | 0             | 0            |
| EATON  | 35,548           | 6,396          | 10,168         | 0             | 0            |
| HILLSDALE  | 48,205           | 839            | 106            | 0             | 0            |
| INGHAM   | 37,309           | 16,973         | 12,271         | 0             | 0            |
| JACKSON  | 803              | 248            | 406            | 0             | 0            |
| KALAMAZOO  | 492,299          | 149,101        | 13,223         | 18,227        | 0            |
| ST JOSEPH  | 76               | 211            | 2              | 0             | 0            |
| VAN BUREN  | 0                | 111            | 359            | 0             | 0            |
| <b>TOTALS</b>  | <b>1,047,005</b> | <b>268,832</b> | <b>75,176</b>  | <b>18,227</b> | <b>0</b>     |

| <b>CARLETON FARMS LANDFILL<br/>(WAYNE COUNTY)</b> |                  |                |                  |                |                |
|---|------------------|----------------|------------------|----------------|----------------|
| <b>ORIGIN</b>                                     | <b>MCW</b>       | <b>IW</b>      | <b>C&amp;D</b>   | <b>ADC</b>     | <b>OTHER</b>   |
| CANADA  | 2,059,632        | 55,990         | 903,021          | 0              | 18,510         |
| ILLINOIS  | 0                | 120            | 0                | 0              | 0              |
| LENAWEE   | 0                | 1,734          | 190              | 0              | 4,317          |
| MACOMB  | 0                | 6,735          | 0                | 0              | 298            |
| MASSACHUSETTS                                     | 597,194          | 19,749         | 0                | 0              | 0              |
| MONROE  | 411,656          | 6,337          | 72,475           | 0              | 26,070         |
| OAKLAND   | 0                | 57,180         | 70               | 0              | 10,714         |
| OHIO  | 720              | 16,308         | 0                | 198,890        | 20             |
| WASHTENAW   | 858              | 180            | 1,656            | 0              | 1,629          |
| WAYNE   | 823,531          | 145,870        | 206,347          | 125,900        | 94,652         |
| <b>TOTALS</b>                                     | <b>3,893,591</b> | <b>310,203</b> | <b>1,183,759</b> | <b>324,790</b> | <b>156,210</b> |

APPENDIX B  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE**

| <b>CENTRAL SANITARY LANDFILL<br/>(MONTCALM COUNTY)</b> |                |               |                |               |              |
|--|----------------|---------------|----------------|---------------|--------------|
| <b>ORIGIN</b>  | <b>MCW</b>     | <b>IW</b>     | <b>C&amp;D</b> | <b>ADC</b>    | <b>OTHER</b> |
| ALLEGAN  | 50             | 17            | 0              | 0             | 0            |
| GRATIOT  | 10,633         | 170           | 0              | 0             | 0            |
| IONIA  | 20,509         | 1,003         | 0              | 0             | 0            |
| ISABELLA   | 13,705         | 0             | 0              | 54            | 0            |
| KENT   | 474,009        | 9,812         | 993            | 11,940        | 650          |
| LAKE   | 71             | 0             | 250            | 0             | 0            |
| MECOSTA  | 58,697         | 36            | 2,811          | 0             | 99           |
| MONTCALM   | 51,285         | 4,972         | 5,659          | 304           | 307          |
| MUSKEGON   | 16             | 458           | 0              | 0             | 0            |
| NEWAYGO  | 62,016         | 1,845         | 254            | 0             | 322          |
| OSCEOLA  | 12,777         | 0             | 820            | 0             | 0            |
| <b>TOTALS</b>  | <b>703,767</b> | <b>18,312</b> | <b>10,787</b>  | <b>12,298</b> | <b>1,379</b> |

APPENDIX B  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE**

| <b>CITIZENS DISPOSAL, INC.<br/>(GENESEE COUNTY)</b> |                |                |                |               |               |
|---|----------------|----------------|----------------|---------------|---------------|
| <b>ORIGIN</b>                                       | <b>MCW</b>     | <b>IW</b>      | <b>C&amp;D</b> | <b>ADC</b>    | <b>OTHER</b>  |
| BAY   | 0              | 778            | 0              | 0             | 0             |
| CLINTON   | 0              | 14             | 358            | 0             | 91            |
| EATON   | 15             | 1              | 1,328          | 0             | 0             |
| GENESEE   | 298,509        | 81,906         | 194,423        | 38,209        | 10,886        |
| GRATIOT   | 6              | 187            | 0              | 0             | 0             |
| INGHAM  | 81             | 140            | 8,520          | 0             | 51            |
| JACKSON   | 0              | 6              | 0              | 0             | 0             |
| LAPEER  | 29,896         | 505            | 1,927          | 40            | 168           |
| LENAWEE   | 24             | 0              | 0              | 0             | 0             |
| LIVINGSTON  | 30,976         | 4,528          | 15,047         | 20            | 1,884         |
| OAKLAND   | 83,190         | 1,149          | 13,391         | 490           | 438           |
| SAGINAW   | 1,827          | 833            | 1,360          | 0             | 1             |
| SANILAC   | 28             | 14,512         | 0              | 0             | 2             |
| SHIAWASSEE  | 13,943         | 9,077          | 1,923          | 0             | 0             |
| TUSCOLA   | 14,872         | 247            | 30             | 0             | 16            |
| WASHTENAW   | 0              | 37             | 33             | 0             | 0             |
| WAYNE   | 0              | 109            | 8              | 0             | 1             |
| <b>TOTALS</b>                                       | <b>473,366</b> | <b>114,030</b> | <b>238,348</b> | <b>38,759</b> | <b>13,538</b> |

APPENDIX B  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE**

| <b>CITY ENVIRONMENTAL SERVICES, INC. OF WATERS<br/>(CRAWFORD COUNTY)</b> |                |               |                |               |               |
|--|----------------|---------------|----------------|---------------|---------------|
| <b>ORIGIN</b>  | <b>MCW</b>     | <b>IW</b>     | <b>C&amp;D</b> | <b>ADC</b>    | <b>OTHER</b>  |
| ALCONA   | 7,926          | 0             | 0              | 0             | 0             |
| ALPENA   | 0              | 0             | 0              | 0             | 1,193         |
| ANTRIM   | 4,785          | 6,391         | 1,086          | 1,035         | 611           |
| ARENAC   | 5,148          | 0             | 0              | 0             | 0             |
| CHARLEVOIX   | 7,916          | 382           | 1,004          | 0             | 8,768         |
| CHEBOYGAN  | 2,917          | 6             | 215            | 0             | 6             |
| CHIPPEWA   | 0              | 0             | 0              | 0             | 8             |
| CRAWFORD   | 26,711         | 1,291         | 7,028          | 18,316        | 1,974         |
| EMMET  | 0              | 812           | 453            | 0             | 41            |
| GRAND<br>TRAVERSE  | 3,301          | 0             | 84             | 0             | 0             |
| IOSCO  | 41,271         | 0             | 0              | 0             | 0             |
| KALKASKA   | 868            | 146           | 509            | 0             | 0             |
| MACKINAC   | 0              | 0             | 0              | 0             | 0             |
| OGEMAW   | 18,712         | 0             | 10             | 0             | 0             |
| OTSEGO   | 15,885         | 2,514         | 7,746          | 0             | 548           |
| PRESQUE<br>ISLE  | 0              | 152           | 46             | 0             | 21            |
| ROSCOMMON  | 1,837          | 22            | 365            | 0             | 1             |
| <b>TOTALS</b>  | <b>137,277</b> | <b>11,716</b> | <b>18,544</b>  | <b>19,351</b> | <b>13,172</b> |

| <b>CITY OF LIVONIA LANDFILL<br/>(WAYNE COUNTY)</b> |            |              |                |            |              |
|--|------------|--------------|----------------|------------|--------------|
| <b>ORIGIN</b>                                      | <b>MCW</b> | <b>IW</b>    | <b>C&amp;D</b> | <b>ADC</b> | <b>OTHER</b> |
| WAYNE  | 0          | 1,858        | 0              | 0          | 0            |
| <b>TOTALS</b>                                      | <b>0</b>   | <b>1,858</b> | <b>0</b>       | <b>0</b>   | <b>0</b>     |



APPENDIX B  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE**

| <b>CITY OF MIDLAND SANITARY LANDFILL<br/>(MIDLAND COUNTY)</b> |                |               |                |               |               |
|---|----------------|---------------|----------------|---------------|---------------|
| <b>ORIGIN</b>   | <b>MCW</b>     | <b>IW</b>     | <b>C&amp;D</b> | <b>ADC</b>    | <b>OTHER</b>  |
| BAY   | 0              | 0             | 0              | 10,130        | 0             |
| MIDLAND   | 227,082        | 34,022        | 183,499        | 3,121         | 21,986        |
| <b>TOTALS</b>   | <b>227,082</b> | <b>34,022</b> | <b>183,499</b> | <b>13,251</b> | <b>21,986</b> |

| <b>CONSUMERS ENERGY DE KARN<br/>(BAY COUNTY)</b> |            |           |                |            |              |
|--|------------|-----------|----------------|------------|--------------|
| <b>ORIGIN</b>                                    | <b>MCW</b> | <b>IW</b> | <b>C&amp;D</b> | <b>ADC</b> | <b>OTHER</b> |
| BAY  | 0          | 0         | 0              | 0          | 0            |
| <b>TOTALS</b>                                    | <b>0</b>   | <b>0</b>  | <b>0</b>       | <b>0</b>   | <b>0</b>     |

| <b>CONSUMERS ENERGY J H CAMPBELL COMPLEX<br/>(OTTAWA COUNTY)</b> |            |                |                |            |              |
|--|------------|----------------|----------------|------------|--------------|
| <b>ORIGIN</b>  | <b>MCW</b> | <b>IW</b>      | <b>C&amp;D</b> | <b>ADC</b> | <b>OTHER</b> |
| OTTAWA   | 0          | 237,128        | 0              | 0          | 0            |
| <b>TOTALS</b>  | <b>0</b>   | <b>237,128</b> | <b>0</b>       | <b>0</b>   | <b>0</b>     |

| <b>CONSUMERS WEADOCK COMPLEX<br/>(BAY COUNTY)</b> |            |                |                |            |              |
|---|------------|----------------|----------------|------------|--------------|
| <b>ORIGIN</b>                                     | <b>MCW</b> | <b>IW</b>      | <b>C&amp;D</b> | <b>ADC</b> | <b>OTHER</b> |
| BAY   | 0          | 103,702        | 0              | 0          | 0            |
| <b>TOTALS</b>                                     | <b>0</b>   | <b>103,702</b> | <b>0</b>       | <b>0</b>   | <b>0</b>     |

APPENDIX B  
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

| <b>COUNTY OF MUSKEGON - SOLID WASTE LANDFILL<br/>(MUSKEGON COUNTY)</b> |                |              |                |               |              |
|--|----------------|--------------|----------------|---------------|--------------|
| <b>ORIGIN</b>  | <b>MCW</b>     | <b>IW</b>    | <b>C&amp;D</b> | <b>ADC</b>    | <b>OTHER</b> |
| LAKE   | 8,279          | 0            | 5,140          | 0             | 0            |
| MUSKEGON   | 183,374        | 2,449        | 39,945         | 37,300        | 0            |
| NEWAYGO  | 44,666         | 25           | 11,399         | 0             | 0            |
| OCEANA   | 37,997         | 0            | 2,518          | 0             | 0            |
| OTTAWA   | 15,665         | 68           | 4,142          | 0             | 0            |
| <b>TOTALS</b>  | <b>289,981</b> | <b>2,542</b> | <b>63,145</b>  | <b>37,300</b> | <b>0</b>     |

| <b>DAFTER SANITARY LANDFILL<br/>(CHIPPEWA COUNTY)</b> |                |              |                |            |              |
|---|----------------|--------------|----------------|------------|--------------|
| <b>ORIGIN</b>   | <b>MCW</b>     | <b>IW</b>    | <b>C&amp;D</b> | <b>ADC</b> | <b>OTHER</b> |
| ALGER   | 17             | 0            | 0              | 0          | 0            |
| CANADA  | 88,532         | 0            | 0              | 0          | 0            |
| CHIPPEWA  | 92,641         | 1,173        | 0              | 0          | 592          |
| LUCE  | 9,344          | 0            | 0              | 0          | 12           |
| MACKINAC  | 32,863         | 814          | 0              | 0          | 130          |
| SCHOOLCRAFT   | 18             | 0            | 0              | 0          | 0            |
| <b>TOTALS</b>   | <b>223,414</b> | <b>1,986</b> | <b>0</b>       | <b>0</b>   | <b>734</b>   |

| <b>DELTA COUNTY LANDFILL<br/>(DELTA COUNTY)</b> |               |           |                |              |              |
|---|---------------|-----------|----------------|--------------|--------------|
| <b>ORIGIN</b>                                   | <b>MCW</b>    | <b>IW</b> | <b>C&amp;D</b> | <b>ADC</b>   | <b>OTHER</b> |
| DELTA   | 53,556        | 0         | 4,447          | 2,399        | 894          |
| MENOMINEE                                       | 6,501         | 0         | 0              | 5,611        | 0            |
| SCHOOLCRAFT                                     | 3,871         | 0         | 0              | 0            | 0            |
| <b>TOTALS</b>                                   | <b>63,928</b> | <b>0</b>  | <b>4,447</b>   | <b>8,010</b> | <b>894</b>   |

APPENDIX B  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE**

| <b>DETROIT EDISON CO RANGE RD ASH DISPOSAL<br/>(ST CLAIR COUNTY)</b> |            |                |                |            |              |
|--|------------|----------------|----------------|------------|--------------|
| <b>ORIGIN</b>  | <b>MCW</b> | <b>IW</b>      | <b>C&amp;D</b> | <b>ADC</b> | <b>OTHER</b> |
| ST CLAIR   | 0          | 154,448        | 0              | 0          | 0            |
| <b>TOTALS</b>  | <b>0</b>   | <b>154,448</b> | <b>0</b>       | <b>0</b>   | <b>0</b>     |

| <b>DETROIT EDISON CO SIBLEY QUARRY<br/>(WAYNE COUNTY)</b> |            |                |                |            |              |
|---|------------|----------------|----------------|------------|--------------|
| <b>ORIGIN</b>   | <b>MCW</b> | <b>IW</b>      | <b>C&amp;D</b> | <b>ADC</b> | <b>OTHER</b> |
| MONROE  | 0          | 439,601        | 0              | 0          | 0            |
| WAYNE   | 0          | 29,169         | 0              | 0          | 0            |
| <b>TOTALS</b>   | <b>0</b>   | <b>468,770</b> | <b>0</b>       | <b>0</b>   | <b>0</b>     |

| <b>DTE MONROE POWER PLANT<br/>(MONROE COUNTY)</b> |            |                |                |            |              |
|---|------------|----------------|----------------|------------|--------------|
| <b>ORIGIN</b>                                     | <b>MCW</b> | <b>IW</b>      | <b>C&amp;D</b> | <b>ADC</b> | <b>OTHER</b> |
| MONROE  | 0          | 337,670        | 0              | 0          | 0            |
| <b>TOTALS</b>                                     | <b>0</b>   | <b>337,670</b> | <b>0</b>       | <b>0</b>   | <b>0</b>     |

APPENDIX B  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE**

| <b>EAGLE VALLEY RECYCLE &amp; DISPOSAL FACILITY<br/>(OAKLAND COUNTY)</b> |                  |               |                |               |                |
|--|------------------|---------------|----------------|---------------|----------------|
| <b>ORIGIN</b>  | <b>MCW</b>       | <b>IW</b>     | <b>C&amp;D</b> | <b>ADC</b>    | <b>OTHER</b>   |
| GENESEE  | 338              | 0             | 0              | 0             | 0              |
| KALAMAZOO  | 0                | 3,326         | 0              | 0             | 0              |
| LAPEER   | 6,479            | 19            | 0              | 0             | 0              |
| LIVINGSTON   | 134              | 84            | 0              | 0             | 0              |
| MACOMB   | 36,264           | 5,264         | 2,472          | 0             | 46,864         |
| OAKLAND  | 1,258,182        | 50,979        | 12,271         | 15,141        | 113,131        |
| WASHTENAW  | 118              | 0             | 0              | 0             | 0              |
| WAYNE  | 34               | 16,957        | 0              | 21,053        | 45,809         |
| <b>TOTALS</b>  | <b>1,301,549</b> | <b>76,629</b> | <b>14,742</b>  | <b>36,193</b> | <b>205,804</b> |

| <b>EVER-GREEN LANDFILL AND RECYCLING CENTER, LLC<br/>(ONTONAGON COUNTY)</b> |            |               |                |            |              |
|---|------------|---------------|----------------|------------|--------------|
| <b>ORIGIN</b>   | <b>MCW</b> | <b>IW</b>     | <b>C&amp;D</b> | <b>ADC</b> | <b>OTHER</b> |
| BARAGA  | 0          | 8,363         | 0              | 0          | 0            |
| MENOMINEE   | 0          | 7,681         | 0              | 0          | 0            |
| <b>TOTALS</b>   | <b>0</b>   | <b>16,045</b> | <b>0</b>       | <b>0</b>   | <b>0</b>     |

| <b>GENERAL MOTORS, LLC - SAGINAW METAL CASTING OPERATIONS -<br/>FORMERLY WDS NO 395505<br/>(SAGINAW COUNTY)</b> |            |           |                |            |              |
|---|------------|-----------|----------------|------------|--------------|
| <b>ORIGIN</b>   | <b>MCW</b> | <b>IW</b> | <b>C&amp;D</b> | <b>ADC</b> | <b>OTHER</b> |
| SAGINAW   | 0          | 0         | 1,190          | 0          | 0            |
| <b>TOTALS</b>   | <b>0</b>   | <b>0</b>  | <b>1,190</b>   | <b>0</b>   | <b>0</b>     |

APPENDIX B  
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

| <b>GFL NORTH MICHIGAN LANDFILL, LLC<br/>(PRESQUE ISLE COUNTY)</b> |                |           |                |               |              |
|---|----------------|-----------|----------------|---------------|--------------|
| <b>ORIGIN</b>   | <b>MCW</b>     | <b>IW</b> | <b>C&amp;D</b> | <b>ADC</b>    | <b>OTHER</b> |
| ANTRIM  | 120,800        | 0         | 945            | 0             | 0            |
| CHARLEVOIX  | 40             | 0         | 3,015          | 0             | 0            |
| CHEBOYGAN   | 70,472         | 0         | 20,768         | 13,571        | 0            |
| CHIPPEWA  | 120            | 0         | 0              | 0             | 0            |
| EMMET   | 136,940        | 0         | 13,063         | 0             | 0            |
| MACKINAC  | 30             | 0         | 30             | 0             | 0            |
| PRESQUE ISLE  | 12,373         | 0         | 7,461          | 0             | 5,420        |
| <b>TOTALS</b>   | <b>340,775</b> | <b>0</b>  | <b>45,282</b>  | <b>13,571</b> | <b>5,420</b> |

| <b>GLENS SANITARY LANDFILL<br/>(LEELANAU COUNTY)</b> |               |              |                |            |              |
|--|---------------|--------------|----------------|------------|--------------|
| <b>ORIGIN</b>  | <b>MCW</b>    | <b>IW</b>    | <b>C&amp;D</b> | <b>ADC</b> | <b>OTHER</b> |
| ANTRIM   | 132           | 23           | 336            | 0          | 0            |
| BENZIE   | 968           | 312          | 2,504          | 0          | 8            |
| GRAND TRAVERSE                                       | 48,548        | 744          | 8,440          | 0          | 4,286        |
| KALKASKA   | 215           | 0            | 31             | 0          | 2            |
| LEELANAU   | 21,506        | 8,105        | 6,070          | 0          | 425          |
| MANISTEE   | 0             | 6            | 14             | 0          | 0            |
| <b>TOTALS</b>  | <b>71,369</b> | <b>9,191</b> | <b>17,396</b>  | <b>0</b>   | <b>4,720</b> |

| <b>GRANGER GRAND RIVER LANDFILL<br/>(CLINTON COUNTY)</b> |            |           |                |            |              |
|--|------------|-----------|----------------|------------|--------------|
| <b>ORIGIN</b>  | <b>MCW</b> | <b>IW</b> | <b>C&amp;D</b> | <b>ADC</b> | <b>OTHER</b> |
| EATON  | 832        | 0         | 0              | 0          | 0            |
| <b>TOTALS</b>  | <b>832</b> | <b>0</b>  | <b>0</b>       | <b>0</b>   | <b>0</b>     |

APPENDIX B  
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

| <b>GRANGER WOOD STREET LANDFILL<br/>(CLINTON COUNTY)</b> |                  |           |                |            |              |
|--|------------------|-----------|----------------|------------|--------------|
| <b>ORIGIN</b>  | <b>MCW</b>       | <b>IW</b> | <b>C&amp;D</b> | <b>ADC</b> | <b>OTHER</b> |
| ALLEGAN  | 34               | 0         | 0              | 0          | 0            |
| BARRY  | 1,779            | 0         | 0              | 0          | 0            |
| CALHOUN  | 83,729           | 0         | 0              | 0          | 0            |
| CLINTON  | 187,915          | 0         | 0              | 0          | 0            |
| EATON  | 219,441          | 0         | 0              | 0          | 0            |
| GENESEE  | 19               | 0         | 0              | 0          | 0            |
| GRATIOT  | 59,960           | 0         | 0              | 0          | 0            |
| INGHAM   | 843,225          | 0         | 0              | 0          | 6            |
| IONIA  | 55,571           | 0         | 0              | 0          | 0            |
| ISABELLA   | 74,572           | 0         | 0              | 0          | 0            |
| JACKSON  | 148,867          | 0         | 0              | 0          | 0            |
| KALAMAZOO  | 240              | 0         | 0              | 0          | 0            |
| LIVINGSTON   | 67,051           | 0         | 0              | 0          | 0            |
| MONTCALM   | 62,195           | 0         | 0              | 0          | 0            |
| OAKLAND  | 273              | 0         | 0              | 0          | 0            |
| OTTAWA   | 31               | 0         | 0              | 0          | 0            |
| SAGINAW  | 2,021            | 0         | 0              | 0          | 0            |
| SHIAWASSEE   | 33,308           | 0         | 0              | 0          | 0            |
| WASHTENAW  | 14,162           | 0         | 0              | 0          | 0            |
| WAYNE  | 103              | 0         | 0              | 0          | 0            |
| <b>TOTALS</b>  | <b>1,854,496</b> | <b>0</b>  | <b>0</b>       | <b>0</b>   | <b>6</b>     |

| <b>HAYWIRE LANDFILL<br/>(SCHOOLCRAFT COUNTY)</b> |            |               |                |            |              |
|--|------------|---------------|----------------|------------|--------------|
| <b>ORIGIN</b>                                    | <b>MCW</b> | <b>IW</b>     | <b>C&amp;D</b> | <b>ADC</b> | <b>OTHER</b> |
| LUCE   | 0          | 6,142         | 0              | 0          | 0            |
| SCHOOLCRAFT                                      | 0          | 41,903        | 0              | 0          | 0            |
| <b>TOTALS</b>                                    | <b>0</b>   | <b>48,045</b> | <b>0</b>       | <b>0</b>   | <b>0</b>     |

APPENDIX B  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE**

| <b>HIAWATHA SHORES LANDFILL<br/>(SCHOOLCRAFT COUNTY)</b> |               |               |                |            |              |
|--|---------------|---------------|----------------|------------|--------------|
| <b>ORIGIN</b>  | <b>MCW</b>    | <b>IW</b>     | <b>C&amp;D</b> | <b>ADC</b> | <b>OTHER</b> |
| SCHOOLCRAFT  | 20,718        | 10,910        | 5,141          | 0          | 0            |
| <b>TOTALS</b>  | <b>20,718</b> | <b>10,910</b> | <b>5,141</b>   | <b>0</b>   | <b>0</b>     |

| <b>HURON LANDFILL CORP. - dba HURON LANDFILL<br/>(HURON COUNTY)</b> |                |               |                |              |              |
|---|----------------|---------------|----------------|--------------|--------------|
| <b>ORIGIN</b>   | <b>MCW</b>     | <b>IW</b>     | <b>C&amp;D</b> | <b>ADC</b>   | <b>OTHER</b> |
| HURON   | 60,709         | 32,700        | 24,296         | 7,879        | 23           |
| LAPEER  | 3,840          | 16            | 391            | 0            | 0            |
| SANILAC   | 14,298         | 0             | 3,611          | 0            | 191          |
| TUSCOLA   | 34,651         | 729           | 1,459          | 117          | 0            |
| <b>TOTALS</b>   | <b>113,498</b> | <b>33,446</b> | <b>29,756</b>  | <b>7,996</b> | <b>214</b>   |

| <b>K AND W LANDFILL, INC.<br/>(ONTONAGON COUNTY)</b> |                |            |                |            |              |
|--|----------------|------------|----------------|------------|--------------|
| <b>ORIGIN</b>  | <b>MCW</b>     | <b>IW</b>  | <b>C&amp;D</b> | <b>ADC</b> | <b>OTHER</b> |
| BARAGA   | 21,678         | 94         | 2,250          | 0          | 5,662        |
| GOGEBIC  | 25,179         | 98         | 24             | 0          | 385          |
| HOUGHTON   | 81,476         | 322        | 179            | 0          | 907          |
| IRON   | 12,308         | 111        | 281            | 0          | 317          |
| KEWEENAW   | 2,876          | 0          | 0              | 0          | 1            |
| ONTONAGON  | 9,026          | 0          | 224            | 0          | 1            |
| WISCONSIN  | 100,577        | 0          | 0              | 0          | 96           |
| <b>TOTALS</b>  | <b>253,120</b> | <b>625</b> | <b>2,958</b>   | <b>0</b>   | <b>7,367</b> |

APPENDIX B  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE**

| <b>LAFARGE MIDWEST, INC.<br/>(ALPENA COUNTY)</b> |            |                |                |            |              |
|--|------------|----------------|----------------|------------|--------------|
| <b>ORIGIN</b>                                    | <b>MCW</b> | <b>IW</b>      | <b>C&amp;D</b> | <b>ADC</b> | <b>OTHER</b> |
| ALPENA   | 0          | 398,000        | 0              | 0          | 0            |
| <b>TOTALS</b>                                    | <b>0</b>   | <b>398,000</b> | <b>0</b>       | <b>0</b>   | <b>0</b>     |

| <b>LIBERTY ENVIRONMENTALISTS LANDFILL<br/>(JACKSON COUNTY)</b> |            |                |                |            |              |
|--|------------|----------------|----------------|------------|--------------|
| <b>ORIGIN</b>  | <b>MCW</b> | <b>IW</b>      | <b>C&amp;D</b> | <b>ADC</b> | <b>OTHER</b> |
| BRANCH   | 0          | 0              | 784            | 0          | 0            |
| CALHOUN  | 0          | 0              | 4,728          | 0          | 0            |
| EATON  | 0          | 0              | 1,274          | 0          | 0            |
| HILLSDALE  | 0          | 0              | 10,924         | 0          | 0            |
| INGHAM   | 0          | 0              | 1,582          | 0          | 0            |
| JACKSON  | 0          | 24,768         | 15,316         | 0          | 0            |
| LENAWEE  | 0          | 0              | 9,496          | 0          | 0            |
| OHIO   | 0          | 134,114        | 0              | 0          | 0            |
| WASHTENAW  | 0          | 0              | 8,838          | 0          | 0            |
| <b>TOTALS</b>  | <b>0</b>   | <b>158,882</b> | <b>52,942</b>  | <b>0</b>   | <b>0</b>     |



APPENDIX B  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE**

| <b>MANISTEE COUNTY LANDFILL INC<br/>(MANISTEE COUNTY)</b> |                |               |                |            |              |
|---|----------------|---------------|----------------|------------|--------------|
| <b>ORIGIN</b>   | <b>MCW</b>     | <b>IW</b>     | <b>C&amp;D</b> | <b>ADC</b> | <b>OTHER</b> |
| BENZIE  | 18,690         | 1             | 1,275          | 0          | 29           |
| GRAND TRAVERSE  | 280            | 0             | 76             | 0          | 0            |
| LAKE  | 8,170          | 0             | 795            | 0          | 0            |
| LEELANAU  | 164            | 0             | 0              | 0          | 0            |
| MANISTEE  | 87,385         | 89,131        | 9,287          | 0          | 5,053        |
| MASON   | 75,898         | 1,877         | 5,550          | 0          | 651          |
| WEXFORD   | 12,557         | 22            | 56             | 0          | 552          |
| <b>TOTALS</b>   | <b>203,145</b> | <b>91,032</b> | <b>17,039</b>  | <b>0</b>   | <b>6,285</b> |

| <b>MARQUETTE COUNTY SOLID WASTE MANAGEMENT AUTHORITY<br/>(MARQUETTE COUNTY)</b> |                |           |                |            |              |
|---|----------------|-----------|----------------|------------|--------------|
| <b>ORIGIN</b>   | <b>MCW</b>     | <b>IW</b> | <b>C&amp;D</b> | <b>ADC</b> | <b>OTHER</b> |
| MARQUETTE   | 110,964        | 0         | 50,789         | 0          | 0            |
| <b>TOTALS</b>   | <b>110,964</b> | <b>0</b>  | <b>50,789</b>  | <b>0</b>   | <b>0</b>     |

| <b>MATLIN ROAD LANDFILL<br/>(MONROE COUNTY)</b> |            |           |                |            |              |
|---|------------|-----------|----------------|------------|--------------|
| <b>ORIGIN</b>                                   | <b>MCW</b> | <b>IW</b> | <b>C&amp;D</b> | <b>ADC</b> | <b>OTHER</b> |
| MONROE  | 0          | 0         | 1,428          | 0          | 0            |
| OAKLAND   | 0          | 0         | 40             | 0          | 0            |
| OHIO  | 0          | 0         | 200            | 0          | 0            |
| WASHTENAW                                       | 0          | 0         | 2,952          | 0          | 0            |
| WAYNE   | 0          | 0         | 1,674          | 0          | 0            |
| <b>TOTALS</b>                                   | <b>0</b>   | <b>0</b>  | <b>6,294</b>   | <b>0</b>   | <b>0</b>     |

APPENDIX B  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE**

| <b>MCGILL ROAD LANDFILL<br/>(JACKSON COUNTY)</b> |                |              |                |            |               |
|--|----------------|--------------|----------------|------------|---------------|
| <b>ORIGIN</b>                                    | <b>MCW</b>     | <b>IW</b>    | <b>C&amp;D</b> | <b>ADC</b> | <b>OTHER</b>  |
| ALLEGAN  | 2,991          | 0            | 0              | 0          | 0             |
| CALHOUN  | 2,896          | 4,426        | 135            | 0          | 74            |
| CLINTON  | 76             | 0            | 0              | 0          | 0             |
| EATON  | 1,530          | 76           | 47             | 0          | 0             |
| HILLSDALE  | 33,663         | 647          | 3,184          | 0          | 0             |
| JACKSON  | 94,764         | 4,469        | 4,674          | 0          | 13,855        |
| KALAMAZOO  | 0              | 0            | 0              | 0          | 18            |
| LENAWEE  | 0              | 15           | 0              | 0          | 2             |
| WASHTENAW  | 6,071          | 11           | 2              | 0          | 0             |
| <b>TOTALS</b>                                    | <b>141,991</b> | <b>9,645</b> | <b>8,042</b>   | <b>0</b>   | <b>13,949</b> |

| <b>MICHIGAN ENVIRONS, INC.<br/>(MENOMINEE COUNTY)</b> |               |               |                |               |              |
|---|---------------|---------------|----------------|---------------|--------------|
| <b>ORIGIN</b>   | <b>MCW</b>    | <b>IW</b>     | <b>C&amp;D</b> | <b>ADC</b>    | <b>OTHER</b> |
| MENOMINEE   | 22,412        | 13,312        | 2,493          | 3,041         | 218          |
| WISCONSIN   | 50,044        | 5,519         | 9,502          | 26,395        | 3,304        |
| <b>TOTALS</b>   | <b>72,456</b> | <b>18,831</b> | <b>11,995</b>  | <b>29,436</b> | <b>3,522</b> |

APPENDIX B  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE**

| <b>MONTMORENCY-OSCODA-ALPENA SWMA<br/>(MONTMORENCY COUNTY)</b> |                |           |                |            |              |
|--|----------------|-----------|----------------|------------|--------------|
| <b>ORIGIN</b>  | <b>MCW</b>     | <b>IW</b> | <b>C&amp;D</b> | <b>ADC</b> | <b>OTHER</b> |
| ALCONA   | 550            | 0         | 2,097          | 0          | 45           |
| ALPENA   | 90,771         | 59        | 21,782         | 0          | 5,006        |
| CHEBOYGAN  | 985            | 0         | 1,183          | 0          | 0            |
| CRAWFORD   | 42             | 0         | 0              | 0          | 0            |
| EMMET  | 0              | 0         | 35             | 0          | 0            |
| IOSCO  | 7,816          | 0         | 101            | 0          | 0            |
| MONTMORENCY  | 20,279         | 0         | 10,766         | 0          | 699          |
| OGEMAW   | 0              | 0         | 71             | 0          | 0            |
| OSCODA   | 15,838         | 0         | 7,453          | 0          | 582          |
| OTSEGO   | 159            | 0         | 688            | 0          | 0            |
| PRESQUE ISLE   | 3,265          | 0         | 2,181          | 0          | 164          |
| <b>TOTALS</b>  | <b>139,705</b> | <b>59</b> | <b>46,357</b>  | <b>0</b>   | <b>6,496</b> |

| <b>NIAGARA DEVELOPMENT LLC dba IN MICHIGAN AS NIAGARA<br/>DEVELOPMENT PARTNERS<br/>(DICKINSON COUNTY)</b> |            |               |                |            |              |
|---|------------|---------------|----------------|------------|--------------|
| <b>ORIGIN</b>   | <b>MCW</b> | <b>IW</b>     | <b>C&amp;D</b> | <b>ADC</b> | <b>OTHER</b> |
| DICKINSON   | 0          | 10,299        | 889            | 0          | 0            |
| WISCONSIN   | 0          | 0             | 787            | 0          | 0            |
| <b>TOTALS</b>   | <b>0</b>   | <b>10,299</b> | <b>1,676</b>   | <b>0</b>   | <b>0</b>     |

APPENDIX B  
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

| <b>NORTHERN OAKS RECYCLING AND DISPOSAL FACILITY<br/>(CLARE COUNTY)</b> |                |               |                |            |               |
|---|----------------|---------------|----------------|------------|---------------|
| <b>ORIGIN</b>   | <b>MCW</b>     | <b>IW</b>     | <b>C&amp;D</b> | <b>ADC</b> | <b>OTHER</b>  |
| ALCONA  | 0              | 9,276         | 3              | 0          | 0             |
| ARENAC  | 2,727          | 62            | 0              | 0          | 31            |
| CHARLEVOIX  | 12             | 0             | 0              | 0          | 0             |
| CLARE   | 73,965         | 3,550         | 17,974         | 0          | 67,549        |
| GLADWIN   | 13,815         | 63            | 4,129          | 0          | 10,736        |
| GRATIOT   | 16,045         | 333           | 757            | 0          | 153           |
| IOSCO   | 752            | 66            | 27             | 0          | 0             |
| ISABELLA  | 45,509         | 3,056         | 2,322          | 0          | 3,922         |
| KALKASKA  | 0              | 0             | 0              | 0          | 27            |
| LAKE  | 3,441          | 0             | 358            | 0          | 0             |
| MECOSTA   | 13,304         | 117           | 481            | 0          | 2,732         |
| MISSAUKEE   | 5,527          | 16,420        | 1,093          | 0          | 3             |
| MONTCALM  | 0              | 0             | 0              | 0          | 14            |
| OGEMAW  | 1,299          | 242           | 13             | 0          | 61            |
| OSCEOLA   | 7,326          | 204           | 2,462          | 0          | 63            |
| ROSCOMMON   | 30,759         | 0             | 10,759         | 0          | 77            |
| WEXFORD   | 4,899          | 0             | 202            | 0          | 283           |
| <b>TOTALS</b>   | <b>219,380</b> | <b>33,389</b> | <b>40,579</b>  | <b>0</b>   | <b>85,651</b> |

| <b>OAKLAND HEIGHTS DEVELOPMENT, INC.<br/>(OAKLAND COUNTY)</b> |                |              |                |            |               |
|---|----------------|--------------|----------------|------------|---------------|
| <b>ORIGIN</b>   | <b>MCW</b>     | <b>IW</b>    | <b>C&amp;D</b> | <b>ADC</b> | <b>OTHER</b>  |
| GENESEE   | 0              | 1,043        | 4,290          | 0          | 0             |
| LAPEER  | 0              | 0            | 0              | 0          | 5             |
| LIVINGSTON  | 0              | 419          | 0              | 0          | 0             |
| MACOMB  | 47,895         | 1,263        | 7,872          | 0          | 1,541         |
| OAKLAND   | 563,914        | 6,260        | 90,939         | 0          | 21,844        |
| SHIAWASSEE  | 0              | 3            | 0              | 0          | 0             |
| <b>TOTALS</b>   | <b>611,809</b> | <b>8,987</b> | <b>103,101</b> | <b>0</b>   | <b>23,391</b> |

APPENDIX B  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE**

| <b>ORCHARD HILL SANITARY LANDFILL<br/>(BERRIEN COUNTY)</b> |                |           |                |            |              |
|--|----------------|-----------|----------------|------------|--------------|
| <b>ORIGIN</b>  | <b>MCW</b>     | <b>IW</b> | <b>C&amp;D</b> | <b>ADC</b> | <b>OTHER</b> |
| ALLEGAN  | 3,661          | 0         | 0              | 0          | 0            |
| BARRY  | 30             | 0         | 0              | 0          | 0            |
| BERRIEN  | 233,681        | 0         | 0              | 0          | 0            |
| CALHOUN  | 22             | 0         | 0              | 0          | 0            |
| CASS   | 15,495         | 0         | 0              | 0          | 0            |
| INDIANA  | 173            | 0         | 0              | 0          | 0            |
| KALAMAZOO  | 325,026        | 0         | 0              | 0          | 0            |
| ST JOSEPH  | 22             | 0         | 0              | 0          | 0            |
| VAN BUREN  | 183,056        | 0         | 0              | 0          | 0            |
| <b>TOTALS</b>  | <b>761,166</b> | <b>0</b>  | <b>0</b>       | <b>0</b>   | <b>0</b>     |

APPENDIX B  
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

| <b>OTTAWA COUNTY FARMS LANDFILL<br/>(OTTAWA COUNTY)</b> |                |                |                |                |                |
|---|----------------|----------------|----------------|----------------|----------------|
| <b>ORIGIN</b>   | <b>MCW</b>     | <b>IW</b>      | <b>C&amp;D</b> | <b>ADC</b>     | <b>OTHER</b>   |
| ALLEGAN   | 175,283        | 280            | 920            | 0              | 71             |
| BARRY   | 1,602          | 1,134          | 27             | 0              | 4              |
| BERRIEN   | 0              | 44             | 0              | 0              | 126            |
| BRANCH  | 0              | 0              | 0              | 0              | 8              |
| CALHOUN   | 0              | 5              | 0              | 0              | 16             |
| CASS  | 0              | 0              | 0              | 0              | 5              |
| EATON   | 0              | 0              | 0              | 0              | 15             |
| IONIA   | 48             | 1,341          | 16             | 0              | 25             |
| JACKSON   | 0              | 0              | 0              | 0              | 0              |
| KALAMAZOO   | 10             | 0              | 16             | 0              | 36             |
| KENT  | 162,331        | 47,964         | 35,569         | 129,208        | 78,971         |
| LAKE  | 0              | 0              | 42             | 0              | 0              |
| MASON   | 9              | 11,806         | 356            | 0              | 0              |
| MECOSTA   | 0              | 0              | 48             | 0              | 2              |
| MONTCALM  | 0              | 4,602          | 8              | 0              | 603            |
| MUSKEGON  | 192,444        | 45,350         | 16,173         | 0              | 36,113         |
| NEWAYGO   | 365            | 6              | 159            | 0              | 0              |
| OCEANA  | 24,579         | 471            | 8,088          | 0              | 14             |
| OTTAWA  | 280,088        | 52,431         | 44,357         | 15,170         | 5,368          |
| ST JOSEPH   | 0              | 0              | 0              | 0              | 6              |
| VAN BUREN   | 51             | 0              | 0              | 0              | 0              |
| <b>TOTALS</b>   | <b>836,810</b> | <b>165,433</b> | <b>105,779</b> | <b>144,378</b> | <b>121,382</b> |

APPENDIX B  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE**

| <b>PEOPLES LANDFILL, INC.<br/>(SAGINAW COUNTY)</b> |                |               |                |            |               |
|--|----------------|---------------|----------------|------------|---------------|
| <b>ORIGIN</b>                                      | <b>MCW</b>     | <b>IW</b>     | <b>C&amp;D</b> | <b>ADC</b> | <b>OTHER</b>  |
| BAY  | 122,471        | 1,274         | 2,169          | 0          | 82            |
| GENESEE  | 9,405          | 10            | 300            | 0          | 59            |
| GRATIOT  | 5,335          | 111           | 201            | 0          | 0             |
| SAGINAW  | 310,866        | 13,703        | 41,351         | 0          | 16,386        |
| SHIAWASSEE   | 0              | 14            | 0              | 0          | 3             |
| TUSCOLA  | 2,749          | 2,693         | 1,803          | 0          | 3,169         |
| <b>TOTALS</b>                                      | <b>450,826</b> | <b>17,805</b> | <b>45,824</b>  | <b>0</b>   | <b>19,699</b> |

| <b>PINE TREE ACRES, INC.<br/>(MACOMB COUNTY)</b> |                  |                |                |                |                |
|--|------------------|----------------|----------------|----------------|----------------|
| <b>ORIGIN</b>                                    | <b>MCW</b>       | <b>IW</b>      | <b>C&amp;D</b> | <b>ADC</b>     | <b>OTHER</b>   |
| CANADA   | 5,245,386        | 0              | 0              | 0              | 0              |
| LAPEER   | 28,886           | 0              | 0              | 0              | 15,987         |
| MACOMB   | 1,463,297        | 29,729         | 52,202         | 7,347          | 196,494        |
| OAKLAND  | 82               | 248            | 1,210          | 4,119          | 1,259          |
| OHIO   | 0                | 470            | 0              | 23,688         | 470            |
| SANILAC  | 0                | 150            | 0              | 0              | 18,658         |
| TUSCOLA  | 14               | 0              | 0              | 0              | 0              |
| WASHTENAW  | 1,067            | 1,251          | 0              | 0              | 1,278          |
| WAYNE  | 872,059          | 106,923        | 28,718         | 85,813         | 158,472        |
| <b>TOTALS</b>                                    | <b>7,610,791</b> | <b>138,771</b> | <b>82,130</b>  | <b>120,966</b> | <b>392,617</b> |

APPENDIX B  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE**

| <b>PITSCH SANITARY LANDFILL<br/>(IONIA COUNTY)</b> |               |           |                |            |              |
|--|---------------|-----------|----------------|------------|--------------|
| <b>ORIGIN</b>                                      | <b>MCW</b>    | <b>IW</b> | <b>C&amp;D</b> | <b>ADC</b> | <b>OTHER</b> |
| ALLEGAN  | 0             | 0         | 12,677         | 0          | 49           |
| BARRY  | 35            | 0         | 5,610          | 0          | 7            |
| CALHOUN  | 0             | 0         | 0              | 0          | 2            |
| CLINTON  | 147           | 0         | 844            | 0          | 4            |
| EATON  | 50            | 0         | 97             | 0          | 3            |
| INGHAM   | 12            | 0         | 2,970          | 0          | 10           |
| IONIA  | 6,033         | 19        | 28,379         | 0          | 182          |
| ISABELLA   | 2,787         | 0         | 92             | 0          | 6            |
| KALAMAZOO  | 0             | 0         | 862            | 0          | 8            |
| KENT   | 11,232        | 0         | 119,977        | 0          | 426          |
| MASON  | 0             | 0         | 7              | 0          | 0            |
| MECOSTA  | 189           | 0         | 293            | 0          | 12           |
| MONTCALM   | 37,948        | 54        | 17,586         | 0          | 14           |
| MUSKEGON   | 0             | 0         | 168            | 0          | 45           |
| OCEANA   | 0             | 0         | 0              | 0          | 2            |
| OSCEOLA  | 0             | 0         | 168            | 0          | 8            |
| OTTAWA   | 261           | 0         | 135            | 0          | 95           |
| VAN BUREN  | 0             | 0         | 27             | 0          | 0            |
| <b>TOTALS</b>                                      | <b>58,693</b> | <b>73</b> | <b>189,893</b> | <b>0</b>   | <b>872</b>   |



APPENDIX B  
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

| <b>RIVERVIEW LAND PRESERVE<br/>(WAYNE COUNTY)</b> |                  |               |                |               |              |
|---|------------------|---------------|----------------|---------------|--------------|
| <b>ORIGIN</b>                                     | <b>MCW</b>       | <b>IW</b>     | <b>C&amp;D</b> | <b>ADC</b>    | <b>OTHER</b> |
| CANADA  | 0                | 0             | 1,000          | 0             | 0            |
| MACOMB  | 15,822           | 1,976         | 0              | 29            | 0            |
| MONROE  | 218,724          | 272           | 5,702          | 0             | 0            |
| OAKLAND   | 33,164           | 10,865        | 42             | 0             | 0            |
| OHIO  | 0                | 250           | 0              | 0             | 0            |
| WAYNE   | 768,494          | 12,412        | 360,268        | 46,305        | 0            |
| <b>TOTALS</b>                                     | <b>1,036,205</b> | <b>25,775</b> | <b>367,012</b> | <b>46,334</b> | <b>0</b>     |

| <b>SAUK TRAIL HILLS LANDFILL<br/>(WAYNE COUNTY)</b> |                |                |                |               |              |
|---|----------------|----------------|----------------|---------------|--------------|
| <b>ORIGIN</b>                                       | <b>MCW</b>     | <b>IW</b>      | <b>C&amp;D</b> | <b>ADC</b>    | <b>OTHER</b> |
| LAPEER  | 0              | 0              | 12             | 0             | 0            |
| LENAWEE   | 0              | 33             | 0              | 0             | 0            |
| LIVINGSTON  | 0              | 0              | 0              | 0             | 0            |
| MACOMB  | 220            | 3,490          | 143            | 0             | 0            |
| MONROE  | 0              | 17,005         | 2,354          | 0             | 0            |
| OAKLAND   | 13             | 3,240          | 951            | 0             | 0            |
| OHIO  | 30             | 576            | 0              | 0             | 0            |
| WASHTENAW   | 14,592         | 4,120          | 28,086         | 0             | 0            |
| WAYNE   | 803,111        | 99,575         | 237,774        | 70,629        | 0            |
| <b>TOTALS</b>                                       | <b>817,966</b> | <b>128,040</b> | <b>269,320</b> | <b>70,629</b> | <b>0</b>     |

APPENDIX B  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE**

| <b>SC HOLDINGS, INC.<br/>(BARRY COUNTY)</b> |                |              |                |            |              |
|---|----------------|--------------|----------------|------------|--------------|
| <b>ORIGIN</b>                               | <b>MCW</b>     | <b>IW</b>    | <b>C&amp;D</b> | <b>ADC</b> | <b>OTHER</b> |
| ALLEGAN                                     | 1,283          | 935          | 78             | 0          | 0            |
| BARRY                                       | 67,381         | 2,265        | 2,253          | 0          | 241          |
| BERRIEN                                     | 15             | 0            | 0              | 0          | 0            |
| BRANCH                                      | 0              | 70           | 0              | 0          | 0            |
| CALHOUN                                     | 155            | 467          | 9              | 0          | 1            |
| CLINTON                                     | 1,623          | 742          | 0              | 0          | 3            |
| EATON                                       | 29,309         | 254          | 541            | 0          | 205          |
| HILLSDALE                                   | 11             | 0            | 0              | 0          | 0            |
| INGHAM                                      | 2,996          | 77           | 10             | 0          | 13           |
| IONIA                                       | 28,754         | 86           | 74             | 0          | 1            |
| KALAMAZOO                                   | 6              | 78           | 8              | 0          | 20           |
| KENT  | 13,517         | 2,132        | 341            | 0          | 421          |
| OTTAWA                                      | 0              | 1,717        | 18             | 0          | 0            |
| ST JOSEPH                                   | 0              | 0            | 0              | 0          | 12           |
| <b>TOTALS</b>                               | <b>145,050</b> | <b>8,822</b> | <b>3,332</b>   | <b>0</b>   | <b>915</b>   |

| <b>SMITHS CREEK LANDFILL<br/>(ST CLAIR COUNTY)</b> |                |               |                |              |               |
|--|----------------|---------------|----------------|--------------|---------------|
| <b>ORIGIN</b>                                      | <b>MCW</b>     | <b>IW</b>     | <b>C&amp;D</b> | <b>ADC</b>   | <b>OTHER</b>  |
| CANADA   | 422,240        | 0             | 0              | 0            | 0             |
| ST CLAIR   | 375,154        | 15,305        | 67,158         | 2,653        | 22,874        |
| <b>TOTALS</b>                                      | <b>797,395</b> | <b>15,305</b> | <b>67,158</b>  | <b>2,653</b> | <b>22,874</b> |

APPENDIX B  
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

| <b>SOUTH KENT LANDFILL<br/>(KENT COUNTY)</b> |                |               |                |            |              |
|--|----------------|---------------|----------------|------------|--------------|
| <b>ORIGIN</b>                                | <b>MCW</b>     | <b>IW</b>     | <b>C&amp;D</b> | <b>ADC</b> | <b>OTHER</b> |
| ALLEGAN                                      | 70,885         | 1,124         | 12,936         | 0          | 5            |
| BARRY  | 11,080         | 0             | 3,421          | 0          | 0            |
| CALHOUN                                      | 49             | 0             | 11             | 0          | 0            |
| CLINTON                                      | 0              | 0             | 8              | 0          | 45           |
| EATON  | 45             | 0             | 867            | 0          | 0            |
| IONIA  | 623            | 0             | 480            | 0          | 0            |
| KALAMAZOO                                    | 671            | 218           | 1,206          | 0          | 0            |
| KENT   | 599,734        | 16,174        | 104,252        | 0          | 304          |
| MONTCALM                                     | 4              | 0             | 15             | 0          | 0            |
| NEWAYGO                                      | 13             | 0             | 61             | 0          | 0            |
| OCEANA                                       | 30             | 0             | 6              | 0          | 0            |
| OTTAWA                                       | 12,539         | 7,689         | 9,836          | 0          | 43           |
| <b>TOTALS</b>                                | <b>695,672</b> | <b>25,205</b> | <b>133,097</b> | <b>0</b>   | <b>397</b>   |

| <b>SOUTHEAST BERRIEN COUNTY LANDFILL<br/>(BERRIEN COUNTY)</b> |                |               |                |               |              |
|---|----------------|---------------|----------------|---------------|--------------|
| <b>ORIGIN</b>   | <b>MCW</b>     | <b>IW</b>     | <b>C&amp;D</b> | <b>ADC</b>    | <b>OTHER</b> |
| BERRIEN   | 463,789        | 19,187        | 10,062         | 7,289         | 183          |
| CASS  | 71,202         | 989           | 46,772         | 12,004        | 0            |
| ILLINOIS  | 0              | 0             | 0              | 252           | 0            |
| INDIANA   | 297,479        | 32,179        | 48,921         | 820           | 392          |
| <b>TOTALS</b>   | <b>832,470</b> | <b>52,355</b> | <b>105,755</b> | <b>20,365</b> | <b>575</b>   |

| <b>SPARTA FOUNDRY WASTE FACILITY<br/>(KENT COUNTY)</b> |            |           |                |            |              |
|--|------------|-----------|----------------|------------|--------------|
| <b>ORIGIN</b>  | <b>MCW</b> | <b>IW</b> | <b>C&amp;D</b> | <b>ADC</b> | <b>OTHER</b> |
| KENT   | 0          | 0         | 0              | 0          | 0            |
| <b>TOTALS</b>  | <b>0</b>   | <b>0</b>  | <b>0</b>       | <b>0</b>   | <b>0</b>     |

APPENDIX B  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE**

| <b>ST CLAIR POWER PLANT BOTTOM ASH BASINS<br/>(ST CLAIR COUNTY)</b> |            |               |                |            |              |
|---|------------|---------------|----------------|------------|--------------|
| <b>ORIGIN</b>   | <b>MCW</b> | <b>IW</b>     | <b>C&amp;D</b> | <b>ADC</b> | <b>OTHER</b> |
| ST CLAIR  | 0          | 11,576        | 0              | 0          | 0            |
| <b>TOTALS</b>   | <b>0</b>   | <b>11,576</b> | <b>0</b>       | <b>0</b>   | <b>0</b>     |

| <b>ST MARYS CEMENT U.S., LLC<br/>(CHARLEVOIX COUNTY)</b> |            |           |                |            |              |
|--|------------|-----------|----------------|------------|--------------|
| <b>ORIGIN</b>  | <b>MCW</b> | <b>IW</b> | <b>C&amp;D</b> | <b>ADC</b> | <b>OTHER</b> |
| CHARLEVOIX   | 0          | 0         | 0              | 0          | 0            |
| <b>TOTALS</b>  | <b>0</b>   | <b>0</b>  | <b>0</b>       | <b>0</b>   | <b>0</b>     |

| <b>TRI-CITY RECYCLING AND DISPOSAL FACILITY<br/>(SANILAC COUNTY)</b> |               |               |                |            |              |
|--|---------------|---------------|----------------|------------|--------------|
| <b>ORIGIN</b>  | <b>MCW</b>    | <b>IW</b>     | <b>C&amp;D</b> | <b>ADC</b> | <b>OTHER</b> |
| HURON  | 10,980        | 553           | 0              | 0          | 0            |
| LAPEER   | 4,917         | 0             | 0              | 0          | 0            |
| SANILAC  | 36,107        | 8,829         | 3,195          | 0          | 1,098        |
| TUSCOLA  | 6,822         | 1,425         | 0              | 0          | 0            |
| <b>TOTALS</b>  | <b>58,826</b> | <b>10,807</b> | <b>3,195</b>   | <b>0</b>   | <b>1,098</b> |

APPENDIX B  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE**

| <b>VENICE PARK RECYCLING &amp; DISPOSAL FACILITY<br/>(SHIAWASSEE COUNTY)</b> |                |                |                |               |               |
|--|----------------|----------------|----------------|---------------|---------------|
| <b>ORIGIN</b>  | <b>MCW</b>     | <b>IW</b>      | <b>C&amp;D</b> | <b>ADC</b>    | <b>OTHER</b>  |
| BAY  | 29             | 80             | 0              | 0             | 257           |
| CLINTON  | 10,681         | 731            | 0              | 0             | 340           |
| EATON  | 1,593          | 56             | 0              | 0             | 23            |
| GENESEE  | 248,273        | 6,910          | 2,002          | 0             | 9,078         |
| GRATIOT  | 784            | 132            | 0              | 0             | 47            |
| INGHAM   | 49,716         | 1,426          | 17,948         | 0             | 2,192         |
| IONIA  | 27             | 0              | 0              | 0             | 0             |
| LAPEER   | 30,202         | 34             | 243            | 0             | 214           |
| LIVINGSTON   | 105,883        | 667            | 402            | 0             | 694           |
| MACOMB   | 0              | 0              | 0              | 0             | 0             |
| MONTCALM   | 2,673          | 74             | 0              | 0             | 0             |
| OAKLAND  | 5,361          | 0              | 14             | 12,611        | 3             |
| SAGINAW  | 2,975          | 40             | 7              | 0             | 3             |
| SHIAWASSEE   | 103,607        | 129,623        | 1,107          | 0             | 2,717         |
| WASHTENAW  | 0              | 0              | 0              | 0             | 44            |
| WAYNE  | 0              | 8,617          | 0              | 14,514        | 0             |
| <b>TOTALS</b>  | <b>561,803</b> | <b>148,391</b> | <b>21,723</b>  | <b>27,125</b> | <b>15,612</b> |

| <b>VERSO ESCANABA, LLC<br/>(DELTA COUNTY)</b> |            |               |                |            |              |
|---|------------|---------------|----------------|------------|--------------|
| <b>ORIGIN</b>                                 | <b>MCW</b> | <b>IW</b>     | <b>C&amp;D</b> | <b>ADC</b> | <b>OTHER</b> |
| DELTA   | 0          | 53,539        | 0              | 0          | 0            |
| <b>TOTALS</b>                                 | <b>0</b>   | <b>53,539</b> | <b>0</b>       | <b>0</b>   | <b>0</b>     |

APPENDIX B  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE**

| <b>VERSO QUINNESEC, LLC<br/>(DICKINSON COUNTY)</b> |            |                |                |            |              |
|--|------------|----------------|----------------|------------|--------------|
| <b>ORIGIN</b>                                      | <b>MCW</b> | <b>IW</b>      | <b>C&amp;D</b> | <b>ADC</b> | <b>OTHER</b> |
| DICKINSON  | 0          | 110,395        | 0              | 0          | 0            |
| <b>TOTALS</b>                                      | <b>0</b>   | <b>110,395</b> | <b>0</b>       | <b>0</b>   | <b>0</b>     |

| <b>VIENNA JUNCTION INDUSTRIAL PARK SANITARY LANDFILL<br/>(MONROE COUNTY)</b> |                |               |                |               |               |
|--|----------------|---------------|----------------|---------------|---------------|
| <b>ORIGIN</b>  | <b>MCW</b>     | <b>IW</b>     | <b>C&amp;D</b> | <b>ADC</b>    | <b>OTHER</b>  |
| LENAWEE  | 39,104         | 5,524         | 1,812          | 0             | 362           |
| MONROE   | 82,710         | 9,245         | 4,830          | 0             | 881           |
| OHIO   | 631,595        | 76,678        | 36,271         | 58,125        | 36,727        |
| WASHTENAW  | 59             | 0             | 1              | 0             | 0             |
| WAYNE  | 18             | 904           | 87             | 0             | 49            |
| <b>TOTALS</b>  | <b>753,485</b> | <b>92,350</b> | <b>43,001</b>  | <b>58,125</b> | <b>38,019</b> |

APPENDIX B  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE**

| <b>WESTSIDE RECYCLING &amp; DISPOSAL FACILITY<br/>(ST JOSEPH COUNTY)</b> |                |                |                |            |               |
|--|----------------|----------------|----------------|------------|---------------|
| <b>ORIGIN</b>  | <b>MCW</b>     | <b>IW</b>      | <b>C&amp;D</b> | <b>ADC</b> | <b>OTHER</b>  |
| ALLEGAN  | 3,344          | 92             | 4              | 0          | 150           |
| BARRY  | 0              | 158            | 0              | 0          | 0             |
| BERRIEN  | 350            | 14             | 79             | 0          | 3,941         |
| BRANCH   | 12,273         | 768            | 812            | 0          | 0             |
| CALHOUN  | 133,115        | 39,016         | 13             | 0          | 490           |
| CASS   | 29,471         | 564            | 670            | 0          | 4,565         |
| GENESEE  | 0              | 273            | 0              | 0          | 0             |
| HILLSDALE  | 12             | 0              | 0              | 0          | 0             |
| INDIANA  | 196,238        | 37,172         | 4,001          | 0          | 84            |
| KALAMAZOO  | 45,822         | 90,212         | 671            | 0          | 24,634        |
| OTTAWA   | 0              | 14             | 0              | 0          | 0             |
| ST JOSEPH  | 109,251        | 61,134         | 5,221          | 0          | 687           |
| VAN BUREN  | 8,550          | 615            | 40             | 0          | 0             |
| <b>TOTALS</b>  | <b>538,425</b> | <b>230,033</b> | <b>11,510</b>  | <b>0</b>   | <b>34,552</b> |

APPENDIX B  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE**

| <b>WEXFORD COUNTY LANDFILL, LLC<br/>(WEXFORD COUNTY)</b> |                |               |                |               |              |
|--|----------------|---------------|----------------|---------------|--------------|
| <b>ORIGIN</b>  | <b>MCW</b>     | <b>IW</b>     | <b>C&amp;D</b> | <b>ADC</b>    | <b>OTHER</b> |
| ANTRIM   | 6,787          | 76            | 145            | 0             | 155          |
| BENZIE   | 1,306          | 1,673         | 2,126          | 0             | 52           |
| CHARLEVOIX   | 0              | 38            | 10             | 0             | 56           |
| CRAWFORD   | 0              | 91            | 2,527          | 573           | 13           |
| EMMET  | 0              | 0             | 0              | 0             | 10           |
| GRAND TRAVERSE   | 341,693        | 151           | 1,311          | 68            | 4,043        |
| IDAHO  | 0              | 0             | 0              | 0             | 1            |
| INDIANA  | 0              | 0             | 0              | 0             | 0            |
| IOWA   | 0              | 0             | 0              | 0             | 2            |
| KALKASKA   | 79,818         | 94            | 873            | 12,163        | 2,071        |
| KANSAS   | 0              | 0             | 0              | 0             | 1            |
| KENTUCKY   | 0              | 0             | 0              | 0             | 3            |
| LAKE   | 247            | 22            | 246            | 0             | 3            |
| MANISTEE   | 964            | 107           | 2,028          | 242           | 195          |
| MASON  | 346            | 132           | 774            | 9             | 0            |
| MISSAUKEE  | 23,996         | 356           | 3,017          | 53            | 0            |
| MISSOURI   | 0              | 0             | 0              | 0             | 3            |
| OHIO   | 0              | 0             | 0              | 0             | 12           |
| OSCEOLA  | 31,163         | 3,988         | 6,073          | 4,127         | 174          |
| OTSEGO   | 0              | 321           | 116            | 9,463         | 15           |
| PENNSYLVANIA   | 0              | 0             | 0              | 0             | 0            |
| VIRGINIA   | 0              | 0             | 0              | 0             | 5            |
| WEST VIRGINIA  | 0              | 0             | 9              | 0             | 0            |
| WEXFORD  | 68,612         | 5,023         | 14,110         | 14,084        | 560          |
| WISCONSIN  | 0              | 0             | 0              | 0             | 2            |
| <b>TOTALS</b>  | <b>554,932</b> | <b>12,073</b> | <b>33,364</b>  | <b>40,783</b> | <b>7,376</b> |



APPENDIX B  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE**

| <b>WHITEFEATHER LANDFILL<br/>(BAY COUNTY)</b> |                |               |                |              |               |
|---|----------------|---------------|----------------|--------------|---------------|
| <b>ORIGIN</b>                                 | <b>MCW</b>     | <b>IW</b>     | <b>C&amp;D</b> | <b>ADC</b>   | <b>OTHER</b>  |
| ANTRIM  | 92             | 79            | 0              | 0            | 0             |
| ARENAC  | 21,380         | 359           | 3,881          | 0            | 501           |
| BAY   | 114,902        | 14,796        | 43,717         | 0            | 30,077        |
| CLARE   | 7,873          | 5,281         | 2,825          | 3,187        | 1,529         |
| EMMET   | 0              | 7             | 0              | 0            | 0             |
| GENESEE                                       | 113            | 4             | 0              | 0            | 120           |
| GLADWIN                                       | 29,777         | 228           | 1,490          | 0            | 700           |
| GRAND<br>TRAVERSE                             | 0              | 0             | 223            | 0            | 0             |
| GRATIOT                                       | 112            | 0             | 54             | 0            | 0             |
| IOSCO   | 24,694         | 94            | 17,434         | 0            | 0             |
| ISABELLA                                      | 31             | 5,329         | 8,245          | 0            | 208           |
| MIDLAND                                       | 464            | 8,923         | 96             | 0            | 112           |
| OGEMAW  | 17,559         | 239           | 14,968         | 0            | 26            |
| ROSCOMMON                                     | 18,951         | 6             | 1,648          | 0            | 0             |
| SAGINAW                                       | 30,605         | 5,432         | 4,150          | 0            | 2,072         |
| TUSCOLA                                       | 2,593          | 0             | 166            | 0            | 202           |
| <b>TOTALS</b>                                 | <b>269,145</b> | <b>40,775</b> | <b>98,895</b>  | <b>3,187</b> | <b>35,547</b> |

| <b>WOOD ISLAND WASTE MANAGEMENT, INC.<br/>(ALGER COUNTY)</b> |                |              |                |              |              |
|--|----------------|--------------|----------------|--------------|--------------|
| <b>ORIGIN</b>  | <b>MCW</b>     | <b>IW</b>    | <b>C&amp;D</b> | <b>ADC</b>   | <b>OTHER</b> |
| ALGER  | 32,202         | 6,305        | 0              | 1,700        | 0            |
| DICKINSON  | 45,177         | 0            | 0              | 0            | 0            |
| WISCONSIN  | 72,330         | 0            | 0              | 0            | 0            |
| <b>TOTALS</b>  | <b>149,709</b> | <b>6,305</b> | <b>0</b>       | <b>1,700</b> | <b>0</b>     |

APPENDIX B  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE**

| <b>WOODLAND MEADOWS RDF-VAN BUREN<br/>(WAYNE COUNTY)</b> |                  |                |                |            |                  |
|--|------------------|----------------|----------------|------------|------------------|
| <b>ORIGIN</b>  | <b>MCW</b>       | <b>IW</b>      | <b>C&amp;D</b> | <b>ADC</b> | <b>OTHER</b>     |
| CANADA   | 0                | 5,142          | 0              | 0          | 0                |
| GENESEE  | 50               | 0              | 0              | 0          | 0                |
| KALAMAZOO  | 0                | 56,589         | 0              | 0          | 0                |
| LENAWEE  | 9                | 0              | 0              | 0          | 0                |
| LIVINGSTON   | 4,228            | 676            | 0              | 0          | 141              |
| MACOMB   | 40               | 12,930         | 0              | 0          | 25,690           |
| MONROE   | 6,397            | 6,073          | 36             | 0          | 11,670           |
| OAKLAND  | 73,926           | 6,067          | 541            | 0          | 30,073           |
| OHIO   | 0                | 14             | 0              | 0          | 8,276            |
| WASHTENAW  | 456,101          | 17,896         | 910            | 0          | 19,686           |
| WAYNE  | 2,614,690        | 575,954        | 43,176         | 0          | 2,249,216        |
| <b>TOTALS</b>  | <b>3,155,441</b> | <b>681,341</b> | <b>44,663</b>  | <b>0</b>   | <b>2,344,752</b> |