



GRETCHEN WHITMER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
LANSING



PHILLIP D. ROOS
DIRECTOR

VIA EMAIL

TO: Members of the Michigan Legislature

FROM: Phillip D. Roos, Director 

DATE: March 1, 2024

SUBJECT: Report of Solid Waste Landfilled in Michigan for Fiscal Year (FY) 2023

In accordance with Section 11512(24) of Part 115, Solid Waste Management, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, attached is the Department of Environment, Great Lakes, and Energy's (EGLE) Report of Solid Waste Landfilled in Michigan for FY 2023.

Amendments to Part 115 were passed in December 2022 and became effective on March 29, 2023. Previously, Michigan landfills were required to report waste receipt volumes in cubic yards. Starting March 29, 2023, Michigan landfills are required to report waste receipt weight in tons. Michigan required landfills to report using Re-TRAC Connect Michigan Solid Waste Authorization Program (Re-TRAC) starting in FY 2021. Re-TRAC records both cubic yards and tons using simple conversion factors. Therefore, past data in tons is only available from FY 2021 to the current FY. This means the Report of Solid Waste Landfilled in Michigan for FY 2023 looks slightly different than in previous years.

There was an overall 8.77 percent decrease in solid waste disposed in Michigan landfills last year:

- In FY 2023, 22,892,992.06 tons were disposed.
- In FY 2022, 25,094,186.91 tons were disposed.

Waste from Michigan residents and businesses decreased by 1,882,581.37 tons. Imported waste decreased by 304,526.90 tons. Total imported solid waste is approximately 20.98 percent of all waste disposed in Michigan landfills in FY 2023. The largest source of waste imports into Michigan continues to be from Canada at 14.88 percent of all waste disposed in Michigan landfills.

- In FY 2023, 4,519,425.54 tons of waste were disposed from other states and Canada.
- In FY 2022, 4,823,952.44 tons of waste were disposed from other states and Canada.

SUBJECT: Report of Solid Waste Landfilled in Michigan for FY 2023

Page 2

March 1, 2024

These numbers highlight the relatively low cost for disposal versus the cost of a more sustainable materials management approach that includes reducing, reusing, and recycling materials before ultimate disposal of any residuals. The life cycle costs for disposal versus materials management can be significantly higher when considering the long-term management expenses of waste disposal facilities.

Michigan landfills have a total of approximately 26 years of remaining disposal capacity based on the capacity used during FY 2023, additional permitted landfill capacity, and the total remaining capacity of facilities. Please note that this estimate does not take into consideration any projected increase or decrease in waste disposal rates, waste diversion programs, or any imposed restrictions, such as volume limitations, special conditions, or the waste import/export authorizations of each county. It should be further noted that with even modest success in the materials management approach, future disposal capacity will grow beyond the currently identified 26 years.

If you need further information, please contact Elizabeth M. Browne, Director, Materials Management Division, at 517-242-2746 or BrowneE@Michigan.gov; or you may contact me at 517-614-6873.

Attachment

cc/att: Patti Tremblay, Director of Legislative Affairs, Governor's Office
Marc Rehmann, Policy Director, Governor's Office
Aaron B. Keatley, Chief Deputy Director, EGLE
Travis Boeskool, Deputy Director, EGLE
Hugh C. McDiarmid Jr., Communications Manager, EGLE
Sydney Hart, Legislative Liaison, EGLE
Dale Shaw, EGLE
Elizabeth M. Browne, EGLE
Tracy Kecskemeti, EGLE
Julie Staveland, EGLE
Rhonda S. Oyer, EGLE
Kathy Tetzlaff, EGLE
Katriena Guilmette, EGLE



MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

Legislative Report

REPORT OF SOLID WASTE LANDFILLED IN MICHIGAN

Report Period:
Fiscal Year 2023

Authority:
MCL 324.11512(24) of Part 115, Solid Waste Management,
of the Natural Resources and Environmental Protection Act,
1994 PA 451, as Amended

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This document and its contents are subject to the Freedom of Information Act and may be released to the public.

TABLE OF CONTENTS

	PAGE
Introduction	3
Total Waste Disposal Summary	3
Table 1 Solid Waste Disposed in Michigan Landfills	4
Table 2 Solid Waste Disposed in Michigan Landfills By Percentage	4
Itemized Waste Disposal Summary	4
Table 3 Solid Waste Disposal Source Summary	4
Capacity Summary	5
Table 4 Facility Capacity and Years Remaining	6
Appendix A – Waste Type Key	10
Appendix B – Conversion Factors	12
Table 5 Conversion Factors	12
Appendix C – Supporting Data Tables and Figures	13
Figure 2 Percentage of Total Imported Waste	13
Table 6 Alternate Daily Cover Disposal Source Summary	13
Table 7 Construction & Demolition Disposal Source Summary	14
Table 8 Municipal & Commercial Waste Disposal Source Summary	14
Table 9 Industrial Waste Disposal Source Summary.....	14
Table 10 Other Waste Disposal Source Summary	15
Table 11 Imported Waste by Origin	15
Table 12 Imported Waste by County and Place of Origin.....	15
Table 13 Total Waste Disposed in Michigan Landfills From Each County	16
Table 14 Total Waste Disposal by Facility Alphabetically	19
Appendix D – Landfill Disposal by Waste Origin and Type	22

INTRODUCTION

Section 115012(24) of Part 115, Solid Waste Management, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (Part 115), requires all landfills in Michigan to “annually submit a report to the department and the county and municipality in which the landfill is located that specifies the tonnage and type 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. 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 part 115 but has not yet been constructed. The report shall be submitted within 45 days after the end of each state fiscal year. By January 31 of each year, the department shall submit to the legislature a report summarizing the information obtained under this subsection.” This report covers the period from October 1, 2022 - September 30, 2023, and is the twenty eighth annual Report of Solid Waste Landfilled in Michigan, as compiled from the information submitted by the individual landfills.

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.

Amendments to Part 115 were passed in December 2022, and became effective March 29, 2023. Previously, Michigan landfills were required to report waste receipt volumes in cubic yards. Starting March 29, 2023, Michigan landfills are required to report waste receipt weight in tons. Re-TRAC records both cubic yards and tons using simple conversion factors¹. Michigan required landfills to report in Re-TRAC starting fiscal year 2021, therefore, past data in tons is only available from fiscal year 2021 to the current fiscal year.

TOTAL WASTE DISPOSAL SUMMARY

Total waste disposed in Michigan’s 67 reporting landfills was reported as 22,892,992.06 tons. This is a decrease of 2,201,194.85 tons or about 8.77 percent over fiscal year (FY) 2022 report data. Waste generated in Michigan decreased from 20,256,147.89 tons in the previous reporting period to 18,373,566.52 tons in FY 23. This is a decrease of about 9.29 percent.

Total waste imported into Michigan landfills decreased from 4,823,952.44 tons in the previous reporting period to 4,519,425.54 tons, a decrease of about 6.31 percent.

The largest source of imported waste continues to be from Canada, with a reported total of 3,406,337.38 tons. This is down 21,873.62 tons or about 0.64 percent from FY 2022 report data. Imported waste from Canada makes up about 14.88 percent of all waste disposed in Michigan landfills. Imported waste reported from seven other states totaled 1,113,088.16 tons, a decrease of about 20.25 percent over FY 2022 reported data.

¹ See Appendix B for conversion factors.

Tables 1 and 2 show only the past two years' data due to the change in reporting requirements from cubic yards to tons. The previous five years of Annual Reports of Solid Waste Landfilled in Michigan can be found on EGLE's Solid Waste Program's [website](#).

TABLE 1 SOLID WASTE DISPOSED IN MICHIGAN LANDFILLS (All Figures in Tons)				
Fiscal Year	Michigan	Canada	Other States	Totals
FY 2021	19,813,375.07	3,164,628.81	1,363,503.20	24,390,262.07
FY 2022	20,256,147.89	3,428,211.00	1,395,741.44	25,094,186.91
FY 2023	18,373,566.52	3,406,377.38	1,113,088.16	22,892,992.06

TABLE 2 SOLID WASTE DISPOSED IN MICHIGAN LANDFILLS BY PERCENTAGE				
Fiscal Year	Michigan	Canada	Other States	
FY 2021	81.23%	12.97%	5.59%	
FY 2022	80.72%	13.66%	5.56%	
FY 2023	80.26%	14.88%	4.86%	

ITEMIZED WASTE DISPOSAL SUMMARY

Waste disposed in Michigan landfills is broken down into five categories and thirty subcategories. Table 3 shows the total tons, itemized by the five categories of waste types, disposed by Michigan and imported sources. Further itemization can be found in Appendix C.

TABLE 3 SOLID WASTE DISPOSAL SOURCE SUMMARY (Weight in Tons)			
WASTE TYPE	IN-STATE	IMPORTED	TOTAL
MCW	8,426,497.35	3,746,694.28	12,173,191.63
MCW – MSW ² INCINERATOR ASH	89,221.15	0	89,221.15
SUBTOTAL MCW	8,515,718.50	3,746,694.28	12,262,412.78
IW	4,438,571.71	323,194.77	4,761,766.48
C&D	1,558,215.73	195,762.79	1,753,978.52
ADC	882,563.73	214,568.28	1,097,132.01
OTHER	2,978,496.85	39,205.42	62,698.93
GRAND TOTAL	18,373,566.52	4,519,425.54	22,892,992.06

² Municipal Solid Waste

CAPACITY SUMMARY

As defined in Section 11512(24) 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 4 presents projected remaining 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 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 2023 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.

Based on current capacity used for FY 2023 and total remaining capacity³, Michigan landfills have approximately 26 years of remaining disposal capacity left. These capacity values do not include any projected fluctuations in 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.

³ May include additional capacity permitted during the fiscal year and using the same calculation for deriving the values in Column D. 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: Lafarge Midwest Inc., Carleton Farms Landfill, and Southeast Berrien County Landfill Authority.

**Table 4
FACILITY CAPACITY AND YEARS REMAINING
(Volume in Cubic Yards)**

FACILITY NAME	A	B	C	D
	REMAINING CAPACITY	CAPACITY USED IN FY 2023	PROJECTED YEARS OF REMAINING CAPACITY	CALCULATED YEARS OF REMAINING CAPACITY
	REPORTED BY THE LANDFILL			
ARBOR HILLS LANDFILL, INC.	9,775,677	1,577,473	6	6
AUTUMN HILLS RECYCLING AND DISPOSAL FACILITY	20,583,085	396,440	54	52
BELLE RIVER POWER PLANT BOTTOM ASH BASINS AND DIVERSION BASIN	30,700	30,770	7	1
BRENT RUN LANDFILL	12,987,613	771,485	30	17
C & C EXPANDED SANITARY LANDFILL	40,145,164	649,832	62	62
CARLETON FARMS LANDFILL	70,821,094	1,987,156	36	36
CENTRAL SANITARY LANDFILL	7,256,681	280,629	26	26
CITIZENS DISPOSAL, INC.	5,026,285	326,199	11	15
CITY ENVIRONMENTAL SERVICES, INC. OF WATERS	14,519,304	73,160	198	198
CITY OF MIDLAND SANITARY LANDFILL	6,195,616	148,646	36	42
CITY OF RIVERVIEW-LAND PRESERVE	6,305,439	573,726	12	11
CONSUMERS ENERGY DE KARN	613,333	0	4	0
CONSUMERS ENERGY J H CAMPBELL COMPLEX	6,273,732	190,456	20	33
CONSUMERS WEADOCK COMPLEX	2,746,500	121,300	20	23
COUNTY OF MUSKEGON - SOLID WASTE LANDFILL	115,930	192,536	1	1
DAFTER SANITARY LANDFILL	3,089,037	93,470	34	33

**Table 4
FACILITY CAPACITY AND YEARS REMAINING
(Volume in Cubic Yards)**

FACILITY NAME	A	B	C	D
	REMAINING CAPACITY	CAPACITY USED IN FY 2023	PROJECTED YEARS OF REMAINING CAPACITY	CALCULATED YEARS OF REMAINING CAPACITY
	REPORTED BY THE LANDFILL			
DELTA SOLID WASTE MANAGEMENT AUTHORITY	342,840	44,661	106	8
DTE MONROE LANDFILL & SURFACE IMPOUNDMENT	9,672,535	246,932	39	39
DTE MONROE POWER PLANT BOTTOM ASH IMPOUNDMENT	0	0	0	0
DTE RANGE RD ASH	14,307,743	88,441	162	162
DTE SIBLEY QUARRY	16,901,564	313,255	54	54
DTE ST. CLAIR POWER PLANT BOTTOM ASH BASINS	0	0	0	0
EAGLE VALLEY RECYCLE & DISPOSAL FACILITY	6,425,686	688,669	8	9
EVER-GREEN LANDFILL AND RECYCLING CENTER, LLC	445,260	11,572	29	38
GENERAL MOTORS, LLC - SAGINAW METAL CASTING OPERATIONS	9,474,620	2,407	3,936	3,936
GFL NORTH MICHIGAN LANDFILL, LLC	983,241	91,923	7	11
GLENS SANITARY LANDFILL	17,645,414	50,856	347	347
GRANGER GRAND RIVER	5,598,214	151,383	36	37
GRANGER WOOD STREET	17,755,031	471,502	38	38
HAYWIRE LANDFILL	9,201,768	46,682	197	197
HIAWATHA SHORES LANDFILL	1,615,254	30,513	65	53
HURON LANDFILL CORP.	1,953,190	76,744	20	25
K & W LANDFILL	842,096	137,054	7	6

**Table 4
FACILITY CAPACITY AND YEARS REMAINING
(Volume in Cubic Yards)**

FACILITY NAME	A	B	C	D
	REMAINING CAPACITY	CAPACITY USED IN FY 2023	PROJECTED YEARS OF REMAINING CAPACITY	CALCULATED YEARS OF REMAINING CAPACITY
	REPORTED BY THE LANDFILL			
LAFARGE MIDWEST, INC.	430,768	488,000	1	1
LIBERTY ENVIRONMENTALISTS LANDFILL	2,143,615	200,744	10	11
LIVONIA LANDFILL	18,985	1,226	7	15
MANISTEE COUNTY LANDFILL	7,772,441	146,823	58	53
MARQUETTE COUNTY SOLID WASTE MANAGEMENT AUTHORITY	4,823,377	108,441	48	44
MATLIN ROAD LANDFILL	285,747	40,328	104	7
MCGILL ROAD LANDFILL	116,829	64,299	2	2
MICHIGAN ENVIRONS, INC.	1,802,507	98,949	30	18
MONTMORENCY-OSCODA-ALPENA SWMA	1,608,815	82,000	20	20
NIAGARA DEVELOPMENT	1,814,092	12,548	144	145
NORTHERN OAKS RECYCLING AND DISPOSAL FACILITY	5,706,061	166,823	34	34
OAKLAND HEIGHTS DEVELOPMENT, INC.	381,225	150,515	2	3
ORCHARD HILL SANITARY LANDFILL	15,025,429	318,057	47	47
OTTAWA COUNTY LANDFILL	30,819,448	759,729	42	41
PEOPLES LANDFILL, INC.	4,248,313	207,148	16	21
PINE TREE ACRES, INC.	29,404,311	3,188,727	9	9
PITSCH SANITARY LANDFILL	1,285,583	246,874	18	5
REPUBLIC SERVICES OF PINCONNING	959,373	199,546	6	5

**Table 4
FACILITY CAPACITY AND YEARS REMAINING
(Volume in Cubic Yards)**

FACILITY NAME	A	B	C	D
	REMAINING CAPACITY	CAPACITY USED IN FY 2023	PROJECTED YEARS OF REMAINING CAPACITY	CALCULATED YEARS OF REMAINING CAPACITY
	REPORTED BY THE LANDFILL			
SAUK TRAIL HILLS	3,474,342	504,638	7	7
SC HOLDINGS	1,666,896	58,490	30	28
SMITHS CREEK LANDFILL	16,598,397	307,281	54	54
SOUTH KENT LANDFILL	3,125,662	140,017	6	22
SOUTHEAST BERRIEN COUNTY LANDFILL AUTHORITY	3,325,238	261,740	13	13
SPARTA FOUNDRY WASTE FACILITY	103,165	0	68	0
ST MARYS CEMENT U.S., LLC	235,261	0	29	0
TRI-CITY RECYCLING AND DISPOSAL FACILITY	16,556,033	39,779	528	416
VENICE PARK RECYCLING AND DISPOSAL FACILITY	6,486,753	390,393	17	17
VERSO ESCANABA, LLC	4,114,349	67,904	76	61
VERSO QUINNESEC, LLC	1,599,741	65,143	26	25
VIENNA JUNCTION LANDFILL	2,294,927	443,696	5	5
WESTSIDE RECYCLING & DISPOSAL FACILITY	34,143,757	320,445	126	107
WEXFORD COUNTY LANDFILL	16,187,000	443,291	48	37
WOOD ISLAND LANDFILL	1,642,168	84,150	19	20
WOODLAND MEADOWS	45,788,000	2,796,000	17	16
TOTAL	585,638,254	22,269,616		

APPENDIX A – WASTE TYPE KEY

WASTE TYPE KEY		
	Description	Reference
Municipal & Commercial Waste (MCW)	Commercial Waste	R 299.4102(b)
	Household Waste	R 299.4103(k)
	Medical Waste (Regulated)	R 299.4104(a) & 324.11504(6)
	Municipal Solid Waste Incinerator Ash	324.11504(37)
Industrial Waste (IW)	Ashes	324.11502(2) (5)
	Auto Shredder Residue	**
	Cement Kiln Dust (CKD)	324.11502(18)
	Coal Ash	324.11502(27a-c)
	Coal Bottom Ash	324.11502(31)
	Flue Gas Desulfurization Material	324.11503(22)
	Food Processing Residuals	324.11503(23a-c)
	Food Processing Waste	R 299.4103(d)
	Foundry Sand	324.11503(26)
	Industrial Waste	324.11504(5) & R 299.4103(n)
	Lime Kiln Dust	324.11504(17)
	Low-Hazard Industrial Waste	324.11504(19)
	Pulp and Paper Mill Ash	324.11504(50)
	Pulp and Paper Mill Material	324.11504(51)
	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(4)
	Wood Ash	324.11506(16)
Construction & Demolition Waste (C&D)	Asbestos Waste	R 299.4101(k)
	Construction and Demolition Waste	R 299.4102(f)
	Scrap Wood	324.11505(11)
	Treated Wood	324.11506(8)
	Wood	324.11506(15)

WASTE TYPE KEY		
Other Waste (O)	Asbestos Waste	
	Contaminated Soils	***
	TENORM	324.11514b
Alternative Daily cover (ADC)	Class B ADC	R 299.4429(2)(b)
	Chipped Tires	16901(cc)(v)
	Coal or Wood Ash	324.11506(13)
	Foundry Sand	324.11503(18)
	Sludge	R 299.4105(e)
	Class C ADC	R 299.4429(2)(c)
	Contaminated Soils	***
	Auto Shredder Residue	**
	Other Approved	R 299.4429(2)(c)(iv)

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

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

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

APPENDIX B – CONVERSION FACTORS

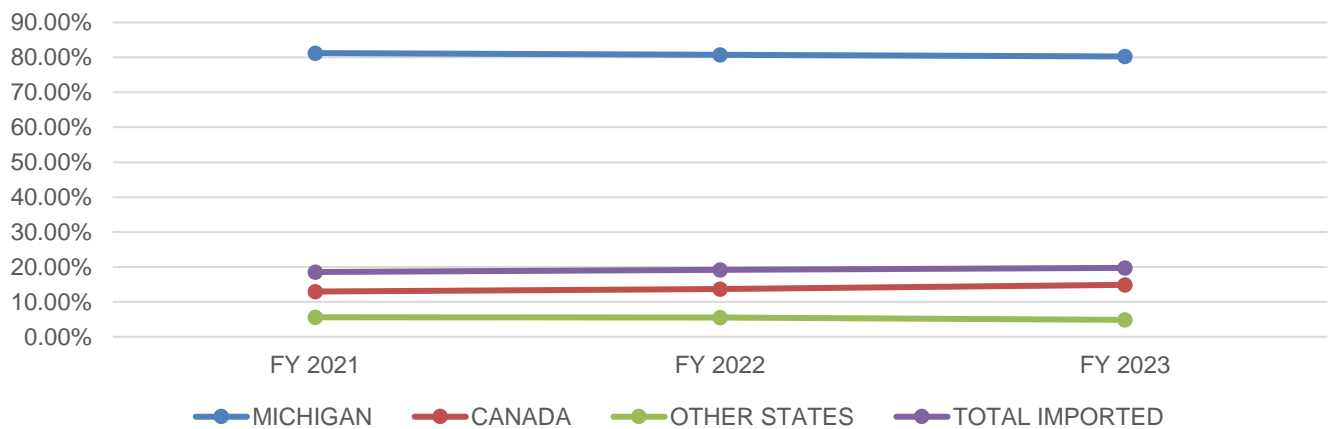
Table 5 CONVERSION FACTORS (Tons to Cubic Yards)			
Category	Material	Waste Code	Conversion Factor:
Alternate Daily Cover	Auto Shredder Residuals	ADC-ASR	1:3
	Cement Kiln Dust	ADC-EX-CKD	1:1
	Chipped Tires	ADC-CT	1:2
	Coal Bottom or Wood Ash	ADC-EX-SWA	1:1
	Contaminated Soils	ADC-CS	1:1
	Dewatered Concrete Grinding	ADC-EX-DCG	1:1
	Foundry Sand	ADC-EX-FS	1:1
	Lime Kiln Dust	ADC-EX-LKD	1:1
	Lime Softening Residuals	ADC-EX-LSR	1:1
	Mixed Wood Ash	ADC-EX-MWA	1:1
	Pulp and papermill Ash	ADC-EX-PPA	1:1
	Sludges	ADC-SL	1:1
	Other	ADC-O	1:1
	Other - Exempt	ADC-EX-O	1:1
Construction and Demolition	Construction and Demolition	CD	1:2
Industrial Waste	Coal Ash	IW-CA	1:1
	Cement Kiln Dust	IW-CKD	1:1
	Flue Gas Desulfurization Material	IW-FGD	1:1
	Foundry Sand	IW-FS	1:1
	Lime Kiln Dust	IW-LKD	1:1
	Other Sludges	IW-OS	1:1
	Wood Ash	IW-WA	1:1
	Wood/Paper Sludges	IW-WPS	1:1
	Wood/Paper Sediments	IW-WPSED	1:1
	Wastewater Sludges	IW-WWS	1:1
	Other	IW-O	1:1
Municipal and Commercial Waste	MSW Incinerator Ash	MCW-ASH	1:1
	Municipal and Commercial Waste	MCW	1:3

**Table 5
CONVERSION FACTORS
(Tons to Cubic Yards)**

Category	Material	Waste Code	Conversion Factor:
Other	Asbestos	O-A	1:1
	Contaminated Soils	O-CS	1:1
	TENORM	O-T	1:1

APPENDIX C – SUPPORTING DATA TABLES AND FIGURES

**Figure 2
Percentage of Total Imported Waste**



**Table 6
ALTERNATE DAILY COVER DISPOSAL SOURCE SUMMARY
(Weight in Tons)**

WASTE TYPE	MICHIGAN	IMPORTED	TOTAL
ADC-ASR	284,038.55	194,688.88	478,727.43
ADC-EX-CKD	0.00	0.00	0.00
ADC-CT	918.99	0.00	918.99
ADC-EX-CWA	17,387.82	0.00	17,387.82
ADC-CS	407,224.19	144.18	407,368.37
ADC-EX-DCG	0.00	0.00	0.00
ADC-EX-FS	39,959.91	11.05	39,970.96
ADC-EX-LKD	0.00	0.00	0.00
ADC-EX-LSR	0.00	0.00	0.00
ADC-EX-MWA	0.00	0.00	0.00
ADC-EX-PPA	0.00	0.00	0.00

**Table 6
ALTERNATE DAILY COVER DISPOSAL SOURCE SUMMARY
(Weight in Tons)**

WASTE TYPE	MICHIGAN	IMPORTED	TOTAL
ADC-O	114,440.05	51.87	114,491.92
ADC-EX-O	0.00	0.00	0.00
ADC-SL	18,594.22	19,672.30	38,266.52
TOTAL	882,563.73	214,568.28	1,097,132.01

**Table 7
CONSTRUCTION & DEMOLITION DISPOSAL SOURCE SUMMARY
(Weight in Tons)**

WASTE TYPE	MICHIGAN	IMPORTED	TOTAL
CD	1,558,215.73	195,762.79	1,753,978.52
TOTAL	1,558,215.73	195,762.79	1,753,978.52

**Table 8
MUNICIPAL & COMMERCIAL WASTE DISPOSAL SOURCE SUMMARY
(Weight in Tons)**

WASTE TYPE	MICHIGAN	IMPORTED	TOTAL
MCW-Ash	89,221.15	3,746,694.28	3,835,915.43
MCW	8,426,497.35	195,762.79	8,622,260.14
TOTAL	8,515,718.50	3,942,457.07	12,458,175.57

**Table 9
INDUSTRIAL WASTE DISPOSAL SOURCE SUMMARY
(Weight in Tons)**

WASTE TYPE	MICHIGAN	IMPORTED	TOTAL
IW-CA	1,039,838.26	0.00	1,039,838.26
IW-CKD	488,000.00	0.00	488,000.00
IW-FGD	0.00	0.00	0.00
IW-FS	122,527.53	17,359.98	139,887.51
IW-LKD	874.11	0.00	874.11
IW-OS	178,623.17	974.56	179,597.73
IW-WA	88,402.30	0.00	88,402.30
IW-WPS	73,583.04	221.79	73,804.83
IW-WPSED	52,608.10	0.00	52,608.10

**Table 9
INDUSTRIAL WASTE DISPOSAL SOURCE SUMMARY
(Weight in Tons)**

WASTE TYPE	MICHIGAN	IMPORTED	TOTAL
IW-WWS	216,948.29	9,770.74	226,719.03
IW-O	2,177,166.91	294,867.70	2,472,034.61
TOTAL	4,438,571.71	323,194.77	4,761,766.48

**Table 10
OTHER WASTE DISPOSAL SOURCE SUMMARY
(Weight in Tons)**

WASTE TYPE	MICHIGAN	IMPORTED	TOTAL
O-A	537,928.68	14,220.76	552,149.44
O-CS	2,417,074.66	23,060.53	2,440,135.19
O-T	23,493.51	1,924.13	25,417.64
TOTAL	2,978,496.85	39,205.42	3,017,702.27

**TABLE 11
IMPORTED WASTE BY ORIGIN
(Weight in Tons)**

WASTE ORIGIN	MCW	IW	C&D	ADC	Other	TOTAL WASTE
CANADA	3,192,069	38,732	163,284	0	12,252	3,406,337
ILLINOIS	0	120	0	0	20	140
INDIANA	123,290	32,018	10,595	144	75	166,121
MASSACHUSETTS	154,225	23,048	0	0	0	177,273
MINNESOTA	0	0	0	0	1	1
MONTANA	0	0	0	0	1	1
OHIO	206,203	219,374	19,748	194,689	24,970	664,985
WISCONSIN	70,908	9,902	2,136	19,735	1,886	104,567

**TABLE 12
IMPORTED WASTE BY COUNTY AND PLACE OF ORIGIN
(Weight in Tons)**

COUNTY	WASTE ORIGIN	WASTE VOLUME
ALGER	WISCONSIN	24,011.00
BERRIEN	INDIANA	113,856.16
CHIPPEWA	CANADA	30,655.92

**TABLE 12
IMPORTED WASTE BY COUNTY AND PLACE OF ORIGIN
(Weight in Tons)**

COUNTY	WASTE ORIGIN	WASTE VOLUME
DICKINSON	WISCONSIN	1,888.66
GENESEE	OHIO	7,415.79
JACKSON	OHIO	130,337.00
MACOMB	CANADA	2,222,057.97
MACOMB	OHIO	13,990.16
MENOMINEE	WISCONSIN	47,366.03
MONROE	OHIO	372,530.76
OAKLAND	OHIO	49.91
ONTONAGON	WISCONSIN	31,298.07
ST CLAIR	CANADA	78,069.02
ST JOSEPH	INDIANA	52,225.52
WASHTENAW	CANADA	129,370.46
WASHTENAW	OHIO	1,198.81
WAYNE	CANADA	946,184.01
WAYNE	ILLINOIS	120.00
WAYNE	MASSACHUSETTS	177,272.97
WAYNE	OHIO	139,428.16
WEXFORD	ILLINOIS	20.00
WEXFORD	INDIANA	39.66
WEXFORD	MINNESOTA	1.00
WEXFORD	MONTANA	1.00
WEXFORD	OHIO	34.00

**TABLE 13
TOTAL WASTE DISPOSED IN MICHIGAN LANDFILLS FROM EACH COUNTY
(Weight in Tons)**

COUNTY	WASTE VOLUME
ALCONA	9,451.52
ALGER	14,912.83
ALLEGAN	177,951.65
ALPENA	48,758.17
ANTRIM	72,930.16
ARENAC	12,672.82
BARAGA	24,131.68

**TABLE 13
TOTAL WASTE DISPOSED IN MICHIGAN LANDFILLS FROM EACH COUNTY
(Weight in Tons)**

COUNTY	WASTE VOLUME
BARRY	36,642.54
BAY	196,811.70
BENZIE	11,765.71
BERRIEN	258,001.60
BRANCH	67,010.33
CALHOUN	287,766.94
CASS	45,638.31
CHARLEVOIX	12,371.18
CHEBOYGAN	41,485.14
CHIPPEWA	43,769.96
CLARE	53,782.29
CLINTON	66,362.88
CRAWFORD	35,251.59
DELTA	25,951.78
DICKINSON	25,545.10
EATON	215,722.85
EMMET	42,899.21
GENESEE	507,197.85
GLADWIN	16,322.53
GOGEBIC	8,755.90
GRAND TRAVERSE	156,035.09
GRATIOT	158,794.17
HILLSDALE	28,698.09
HOUGHTON	28,130.80
HURON	62,788.73
INGHAM	352,089.32
IONIA	61,793.57
IOSCO	31,887.00
IRON	3,778.40
ISABELLA	52,566.33
JACKSON	120,708.42
KALAMAZOO	599,051.11
KALKASKA	20,422.54
KENT	947,764.36

**TABLE 13
TOTAL WASTE DISPOSED IN MICHIGAN LANDFILLS FROM EACH COUNTY
(Weight in Tons)**

COUNTY	WASTE VOLUME
KEWEENAW	686.36
LAKE	17,972.93
LAPEER	92,329.16
LEELANAU	10,815.20
LENAWEE	42,072.98
LIVINGSTON	125,775.30
LUCE	3,336.49
MACKINAC	9,631.09
MACOMB	990,659.08
MANISTEE	104,466.75
MARQUETTE	70,187.42
MASON	44,105.45
MECOSTA	24,548.90
MENOMINEE	52,679.10
MIDLAND	145,106.65
MISSAUKEE	31,978.56
MONROE	350,700.35
MONTCALM	68,747.82
MONTMORENCY	13,827.49
MUSKEGON	228,586.59
NEWAYGO	49,708.05
OAKLAND	1,582,416.57
OCEANA	26,847.25
OGEMAW	15,319.51
ONTONAGON	3,158.88
OSCEOLA	28,672.79
OSCODA	7,495.39
OTSEGO	22,101.99
OTTAWA	389,736.24
PRESQUE ISLE	8,384.31
ROSCOMMON	47,355.84
SAGINAW	233,140.51
SANILAC	30,789.14
SCHOOLCRAFT	15,928.46

**TABLE 13
TOTAL WASTE DISPOSED IN MICHIGAN LANDFILLS FROM EACH COUNTY
(Weight in Tons)**

COUNTY	WASTE VOLUME
SHIAWASSEE	201,860.37
ST CLAIR	229,256.66
ST JOSEPH	92,690.90
TUSCOLA	40,353.28
VAN BUREN	69,623.13
WASHTENAW	549,479.98
WAYNE	5,544,455.87
WEXFORD	55,675.24

**Table 14
TOTAL WASTE DISPOSAL BY FACILITY ALPHABETICALLY
(Weight in Tons)**

FACILITY NAME	MCW DISPOSED	IW, C&D, OTHER, & ADC DISPOSED	TOTAL WASTE DISPOSED
ARBOR HILLS LANDFILL, INC.	946,404.15	993,888.01	1,940,292.16
AUTUMN HILLS RECYCLING AND DISPOSAL FACILITY	183,457.52	360,566.08	544,023.60
BELLE RIVER POWER PLANT BOTTOM ASH AND DIVERSION BASINS	0.00	30,770.00	30,770.00
BRENT RUN LANDFILL	190,696.93	191,416.77	382,113.70
C & C EXPANDED SANITARY LANDFILL	333,336.27	278,137.70	611,473.97
CARLETON FARMS LANDFILL	1,217,992.30	777,082.12	1,995,074.42
CENTRAL SANITARY LANDFILL	228,136.28	32,287.90	260,424.18
CITIZENS DISPOSAL, INC.	174,768.81	238,940.45	413,709.26
CITY ENVIRONMENTAL SERVICES, INC. OF WATERS	26,524.28	51,364.09	77,888.37
CITY OF LIVONIA LANDFILL	0.00	2,145.00	2,145.00
CITY OF MIDLAND SANITARY LANDFILL	69,070.86	82,134.50	151,205.36
CONSUMERS ENERGY DE KARN	0.00	0.00	0.00
CONSUMERS ENERGY J H CAMPBELL COMPLEX	0.00	190,456.00	190,456.00
CONSUMERS WEADOCK COMPLEX	0.00	121,300.00	121,300.00
COUNTY OF MUSKEGON - SOLID WASTE LANDFILL	96,098.55	46,926.28	143,024.83
DAFTER SANITARY LANDFILL	77,675.76	9,679.25	87,355.01
DELTA COUNTY LANDFILL	24,631.11	6,760.02	31,391.13

Table 14
TOTAL WASTE DISPOSAL BY FACILITY ALPHABETICALLY
(Weight in Tons)

FACILITY NAME	MCW DISPOSED	IW, C&D, OTHER, & ADC DISPOSED	TOTAL WASTE DISPOSED
DETROIT EDISON CO RANGE RD ASH DISPOSAL	0.00	88,441.00	88,441.00
DETROIT EDISON CO SIBLEY QUARRY	0.00	313,255.09	313,255.09
DTE MONROE POWER PLANT	0.00	246,932.00	246,932.00
DTE MONROE POWER PLANT	0.00	246,932.00	246,932.00
EAGLE VALLEY RECYCLE & DISPOSAL FACILITY	574,704.37	251,043.91	825,748.28
EVER-GREEN LANDFILL AND RECYCLING CENTER, LLC	0.00	11,572.92	11,572.92
GENERAL MOTORS LLC - SAGINAW METAL CASTING OPERATIONS	0.00	2,203.50	2,203.50
GFL NORTH MICHIGAN LANDFILL, LLC	55,334.95	34,540.50	89,875.45
GLENS SANITARY LANDFILL	24,373.23	17,619.87	41,993.10
GRANGER GRAND RIVER LANDFILL	128,218.99	0.00	128,218.99
GRANGER WOOD STREET LANDFILL	546,426.61	59,333.00	605,759.61
HAYWIRE LANDFILL	0.00	46,682.05	46,682.05
HIAWATHA SHORES LANDFILL	6,807.46	7,864.70	14,672.16
HURON LANDFILL CORP. - DBA HURON LANDFILL	37,134.46	37,945.58	75,080.04
K AND W LANDFILL, INC.	80,132.48	8,168.87	88,301.35
LAFARGE MIDWEST, INC.	0.00	488,000.00	488,000.00
LIBERTY ENVIRONMENTALISTS LANDFILL	0.00	174,729.00	174,729.00
MANISTEE COUNTY LANDFILL, INC.	68,313.18	73,444.32	141,757.50
MARQUETTE CO SOLID WASTE MANAGEMENT AUTHORITY	37,459.71	32,539.65	69,999.36
MATLIN ROAD LANDFILL	0.00	20,164.00	20,164.00
MCGILL ROAD LANDFILL	27,235.91	26,848.84	54,084.75
MICHIGAN ENVIRONS, INC.	21,894.14	74,221.82	96,115.96
MONTMORENCY-OSCODA-ALPENA SWMA	41,603.20	34,212.10	75,815.30
NIAGARA DEVELOPMENT, LLC dba IN MICHIGAN AS NIAGARA DEVELOPMENT PARTNERS	0.00	11,616.76	11,616.76
NORTHERN OAKS RECYCLING AND DISPOSAL FACILITY	80,197.82	78,124.83	158,322.65
OAKLAND HEIGHTS DEVELOPMENT, INC.	69,817.02	90,292.14	160,109.16

**Table 14
TOTAL WASTE DISPOSAL BY FACILITY ALPHABETICALLY
(Weight in Tons)**

FACILITY NAME	MCW DISPOSED	IW, C&D, OTHER, & ADC DISPOSED	TOTAL WASTE DISPOSED
ORCHARD HILL SANITARY LANDFILL	254,191.23	0.00	254,191.23
OTTAWA COUNTY FARMS LANDFILL	287,451.07	360,867.54	648,318.61
PEOPLES LANDFILL, INC.	140,000.61	67,147.82	207,148.43
PINE TREE ACRES, INC.	2,880,727.30	364,087.53	3,244,814.83
PITSCH SANITARY LANDFILL	22,569.88	90,105.34	112,675.22
RIVERVIEW LAND PRESERVE	341,205.43	206,285.53	547,490.96
SAUK TRAIL HILLS LANDFILL	241,348.57	364,223.60	605,572.17
SC HOLDINGS, INC.	38,720.17	10,209.96	48,930.13
SMITHS CREEK LANDFILL	191,881.96	115,399.90	307,281.86
SOUTH KENT LANDFILL	252,582.40	92,749.07	345,331.47
SOUTHEAST BERRIEN COUNTY LANDFILL	213,366.61	65,538.15	278,904.76
SPARTA FOUNDRY WASTE FACILITY	0.00	0.00	0.00
ST CLAIR POWER PLANT BOTTOM ASH BASINS	0.00	0.00	0.00
ST MARYS CEMENT U.S., LLC	0.00	0.00	0.00
TRI-CITY RECYCLING AND DISPOSAL FACILITY	17,622.04	17,969.53	35,591.57
VENICE PARK RECYCLING & DISPOSAL FACILITY	186,358.59	202,558.37	388,916.96
VERSO ESCANABA, LLC	0.00	67,903.70	67,903.70
VERSO QUINNESEC, LLC	0.00	118,442.00	118,442.00
VIENNA JUNCTION INDUSTRIAL PARK SANITARY LANDFILL	243,721.04	185,825.63	429,546.67
WESTSIDE RECYCLING & DISPOSAL FACILITY	164,738.42	161,628.50	326,366.92
WEXFORD COUNTY LANDFILL, LLC	232,409.31	85,597.96	318,007.27
WHITEFEATHER LANDFILL	79,620.54	144,529.92	224,150.46
WOOD ISLAND WASTE MANAGEMENT, INC.	50,338.00	4,394.00	54,732.00
WOODLAND MEADOWS RDF-VAN BUREN	1,055,113.26	2,261,464.61	3,316,577.87

APPENDIX D

Appendix D lists alphabetically every reporting landfill and includes the amount of waste received at the landfill, the type of waste received, and the place of origin of that waste.

ARBOR HILLS LANDFILL INC (WASHTENAW COUNTY)					
ORIGIN	MCW	IW	C&D	OTHER	ADC
Alcona	0.00	8.21	0.00	0.00	0.00
Calhoun	250.74	0.00	0.00	0.00	0.00
Canada	129,370.46	0.00	0.00	0.00	0.00
Clinton	9.66	58.16	12.39	0.79	0.00
Genesee	164.45	0.00	37.79	59.53	0.00
Ingham	219.74	0.00	156.97	61.48	8.90
Jackson	6.25	0.00	1.87	0.00	0.00
Kent	78.48	8.21	7.29	0.00	0.00
Lenawee	407.25	0.00	68.64	0.00	0.00
Livingston	34,688.26	2,287.31	15,646.99	57.82	0.00
Macomb	151,875.46	6,328.32	2,418.05	608.25	97,201.29
Midland	57.97	0.00	0.00	0.00	0.00
Monroe	21,601.66	27.74	507.57	7.31	0.00
Muskegon	0.00	9.72	0.00	0.00	0.00
Oakland	382,079.17	9,873.41	49,385.04	65,936.01	43,839.33
Oceana	40.06	0.00	17.61	0.00	28.33
Ohio	1,127.47	0.00	71.34	0.00	0.00
Saginaw	0.00	0.00	1.47	10.29	0.00
St Clair	27.75	0.00	1.34	4.07	0.00
Washtenaw	40,921.86	9,361.70	38,489.13	72,862.51	113,115.76
Wayne	183,477.46	2,316.65	124,811.48	196,900.75	141,271.19
TOTALS	946,404.15	30,279.43	231,634.97	336,508.81	395,464.80

**AUTUMN HILLS RECYCLING AND DISPOSAL FACILITY
(OTTAWA COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
Allegan	16,415.10	46,088.42	3,479.61	12,994.18	0.00
Barry	212.60	4.43	32.73	0.00	0.00
Berrien	8.87	49.11	6.83	1,213.21	0.00
Branch	0.00	5.31	0.00	0.00	0.00
Calhoun	0.00	2.44	2.29	0.00	0.00
Eaton	0.00	0.00	7.82	0.00	0.00
Ionia	263.78	0.00	0.00	215.66	0.00
Kalamazoo	15,953.40	64,216.97	59.65	374.65	0.00
Kent	20,642.69	86,792.60	1,975.59	51,345.80	0.00
Montcalm	32.06	15.47	5.04	66.40	0.00
Muskegon	14,623.02	516.23	12.48	10.15	0.00
Newaygo	6.52	303.67	0.00	4,367.79	0.00
Oceana	0.00	0.00	11.45	316.40	0.00
Ottawa	114,968.34	53,743.56	18,351.88	7,995.38	0.00
Van Buren	331.14	4,202.96	63.91	1,716.01	0.00
TOTALS	183,457.52	255,941.17	24,009.28	80,615.63	0.00

**BELLE RIVER POWER PLANT BOTTOM ASH BASINS AND DIVERSION BASIN
(ST. CLAIR COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
St Clair		30,770.00			
TOTALS		30,770.00			

**BRENT RUN LANDFILL
(GENESEE COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
Allegan	3.70	0.00	0.00	0.00	0.00
Bay	3,537.20	0.00	4.80	44.26	0.00
Clinton	13.80	0.00	0.00	0.00	0.00
Genesee	81,989.10	8,095.82	3,595.73	823.97	2,804.09
Gratiot	1,872.60	44.79	2.14	127,322.25	0.00
Ingham	2,118.13	0.17	414.33	0.00	0.00
Lapeer	53,642.13	397.26	403.59	1,059.11	0.00
Livingston	855.68	0.00	5.84	5.74	0.00
Montcalm	7.98	0.00	0.00	0.00	0.00
Oakland	1,669.12	2.05	108.30	214.99	0.00
Ohio	0.00	0.00	0.00	0.00	7,415.79
Saginaw	36,691.59	30,103.10	2,913.01	2,108.00	0.00
Sanilac	0.00	0.00	0.00	32.50	0.00
Shiawassee	612.80	0.00	14.37	30.59	0.00
Tuscola	7,675.21	1,323.25	485.39	8.09	0.00
Washtenaw	0.00	0.07	0.00	0.00	0.00
TOTALS	190,696.93	41,513.60	7,977.64	131,705.65	10,219.88

**C & C EXPANDED SANITARY LANDFILL
(CALHOUN COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
Allegan	0.00	5.79	0.00	0.00	0.00
Barry	0.00	50.12	0.00	0.00	0.00
Berrien	25,742.61	0.00	0.00	0.00	0.00
Branch	15,601.10	43,682.80	2,505.80	0.00	0.00
Calhoun	106,972.40	38,573.62	18,484.84	0.00	0.00
Cass	0.00	7.22	0.00	0.00	0.00
Clinton	29.22	4.69	20.51	0.00	0.00
Eaton	9,056.93	5,794.18	5,985.74	0.00	0.00
Hillsdale	21,221.10	1,259.95	61.79	0.00	0.00
Ingham	2,531.90	1,788.89	6,198.33	0.00	0.00
Jackson	2,832.03	142.59	154.30	0.00	0.00
Kalamazoo	149,323.54	99,235.79	1,816.97	0.00	51,972.09
Kent	0.00	22.44	0.00	0.00	0.00
Lenawee	0.00	227.78	0.00	0.00	0.00
St Joseph	25.44	108.02	0.00	0.00	0.00
Van Buren	0.00	0.00	26.48	0.00	0.00
Wayne	0.00	6.97	0.00	0.00	0.00
TOTALS	333,336.27	190,910.85	35,254.76	0.00	51,972.09

**CARLETON FARMS LANDFILL
(WAYNE COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
Canada	731,958.29	33,797.89	162,699.41	12,251.99	0.00
Illinois	0.00	120.00	0.00	0.00	0.00
Lenawee	0.00	1,078.60	8.49	4,721.37	0.00
Macomb	0.00	3,060.24	0.00	201.59	0.00
Massachusetts	154,224.83	23,048.14	0.00	0.00	0.00
Monroe	121,729.69	3,937.10	15,886.80	11,615.44	0.00
Oakland	27.15	17,773.14	0.00	2,990.81	0.00
Ohio	1,447.28	12,638.07	0.00	40.45	119,890.41
Washtenaw	164.31	40.00	411.53	1,849.58	0.00
Wayne	208,440.75	123,631.07	118,374.12	34,596.95	52,292.41
TOTALS	1,217,992.30	219,124.25	297,380.35	68,268.18	172,182.82

**CENTRAL SANITARY LANDFILL
(MONTCALM COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
Allegan	0.00	5.80	0.00	0.00	0.00
Gratiot	1,576.43	173.76	59.78	4.67	0.00
Ionia	6,611.36	880.36	0.00	0.00	0.00
Isabella	4,233.52	0.00	191.27	0.00	0.00
Kent	156,756.72	9,200.00	141.79	47.03	274.94
Lake	8.46	0.00	40.62	10,603.55	0.00
Mecosta	18,865.87	73.14	1,362.59	0.00	39.16
Montcalm	18,399.22	5,430.44	695.16	570.44	0.00
Muskegon	2.36	83.35	0.00	0.00	0.00
Newaygo	17,828.30	1,384.57	62.59	543.56	0.00
Osceola	3,851.62	28.36	255.56	135.41	0.00
Ottawa	2.42	0.00	0.00	0.00	0.00
TOTALS	228,136.28	17,259.78	2,809.36	11,904.66	314.10

**CITIZENS DISPOSAL, INC.
(GENESEE COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
Bay	0.00	582.45	0.00	0.00	0.00
Clinton	0.00	4.32	98.77	0.00	0.00
Eaton	0.00	4.91	459.12	0.00	0.00
Genesee	121,884.76	66,628.17	109,645.36	12,857.68	948.02
Gratiot	0.00	57.53	0.00	16.72	0.00
Ingham	0.00	1,321.62	1,316.22	43.24	0.00
Jackson	0.00	21.48	0.00	0.00	0.00
Lapeer	9,703.49	165.70	4,053.26	73.86	0.00
Lenawee	0.00	4.64	0.00	0.00	0.00
Livingston	8,989.04	6,160.40	7,109.07	549.04	0.00
Oakland	24,363.86	431.96	8,109.82	12.24	0.00
Saginaw	633.56	547.60	792.02	0.00	0.00
Sanilac	0.00	1,360.76	0.00	0.00	3,663.74
Shiawassee	4,181.62	5,983.92	1,071.04	0.00	0.00
Tuscola	0.00	1,226.55	7.30	8.31	0.00
Washtenaw	0.00	51.71	0.00	0.34	0.00
Wayne	0.00	3,537.22	13.89	0.45	0.00
TOTALS	169,756.33	88,090.94	132,675.87	13,561.88	4,611.76

**CITY ENVIRONMENTAL SERVICES, INC. OF WATERS
(CRAWFORD COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
Alcona	507.74	173.49	0.00	0.00	0.00
Alpena	0.00	23.42	0.00	1.49	0.00
Antrim	1,858.04	8,089.31	900.79	178.15	0.00
Arenac	254.73	0.00	0.00	0.00	0.00
Charlevoix	2,444.50	340.50	7,852.79	899.89	0.00
Cheboygan	856.87	356.50	236.07	1.96	0.00
Chippewa	0.00	7.20	0.00	3.08	0.00
Crawford	9,034.51	2,289.70	2,906.77	8,029.30	12,431.95
Emmet	0.00	257.90	260.37	385.12	0.00
Grand Traverse	801.36	0.00	39.62	0.00	0.00
Iosco	3,343.90	0.00	0.00	0.01	0.00
Kalkaska	416.11	218.88	399.77	0.00	0.00
Ogemaw	1,300.49	0.00	0.00	0.00	0.00
Otsego	5,347.96	2,110.95	2,669.32	135.12	0.00
Presque Isle	4.15	19.38	0.00	15.18	0.00
Roscommon	353.92	0.00	96.68	4.27	0.00
TOTALS	26,524.28	13,887.23	15,362.18	9,653.57	12,431.95

**CITY OF LIVONIA LANDFILL
(WAYNE COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
Wayne	0.00	2,145.00	0.00	0.00	0.00
TOTALS	0.00	2,145.00	0.00	0.00	0.00

**CITY OF MIDLAND SANITARY LANDFILL
(MIDLAND COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
Bay	0.00	0.00	0.00	0.00	6,435.00
Midland	69,070.86	30,384.66	28,838.66	14,324.18	2,152.00
TOTALS	69,070.86	30,384.66	28,838.66	14,324.18	8,587.00

**CONSUMERS ENERGY DE KARN
(BAY COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
Bay	0.00	0.00	0.00	0.00	0.00
TOTALS	0.00	0.00	0.00	0.00	0.00

**CONSUMERS ENERGY J H CAMPBELL COMPLEX
(OTTAWA COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
Ottawa	0.00	190,456.00	0.00	0.00	0.00
TOTALS	0.00	190,456.00	0.00	0.00	0.00

**CONSUMERS WEADOCK COMPLEX
(BAY COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
Bay	0.00	121,300.00	0.00	0.00	0.00
TOTALS	0.00	121,300.00	0.00	0.00	0.00

**COUNTY OF MUSKEGON - SOLID WASTE LANDFILL
(MUSKEGON COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
Lake	2,101.01	0.00	1,620.21	0.00	0.00
Muskegon	57,499.37	1,442.02	18,637.54	0.00	14,757.12
Newaygo	18,105.91	0.00	6,817.20	0.00	0.00
Oceana	13,732.26	0.00	1,809.46	0.00	0.00
Ottawa	4,660.00	79.96	1,762.77	0.00	0.00
TOTALS	96,098.55	1,521.98	30,647.18	0.00	14,757.12

**DAFTER SANITARY LANDFILL
(CHIPPEWA COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
Alger	8.83	0.00	0.00	0.00	0.00
Canada	30,655.92	0.00	0.00	0.00	0.00
Chippewa	34,719.36	16.49	0.00	9,008.83	0.00
Luce	3,255.67	0.00	0.00	80.82	0.00
Mackinac	9,035.98	568.96	0.00	4.15	0.00
TOTALS	77,675.76	585.45	0.00	9,093.80	0.00

**DELTA COUNTY LANDFILL
(DELTA COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
Delta	20,948.76	0.00	2,426.35	63.91	2,512.76
Menominee	2,360.23	0.00	0.00	0.00	1,757.00
Schoolcraft	1,322.12	0.00	0.00	0.00	0.00
TOTALS	24,631.11	0.00	2,426.35	63.91	4,269.76

**DETROIT EDISON CO RANGE ROAD ASH DISPOSAL
(ST. CLAIR COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
St Clair	0.00	88,441.00	0.00	0.00	0.00
TOTALS	0.00	88,441.00	0.00	0.00	0.00

**DETROIT EDISON CO SIBLEY QUARRY
(WAYNE COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
Monroe	0.00	313,255.09	0.00	0.00	0.00
TOTALS	0.00	313,255.09	0.00	0.00	0.00

**DTE MONROE LANDFILL & SURFACE IMPOUNDMENT
(MONROE COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
Monroe	0.00	246,932.00	0.00	0.00	0.00
TOTALS	0.00	246,932.00	0.00	0.00	0.00

**DTE MONROE POWER PLANT BOTTOM ASH IMPOUNDMENT
(MONROE COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
Monroe	0.00	0.00	0.00	0.00	0.00
TOTALS	0.00	0.00	0.00	0.00	0.00

**EAGLE VALLEY RECYCLE & DISPOSAL FACILITY
(OAKLAND COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
Genesee	14.69	0.00	0.00	5.94	0.00
Kalamazoo	0.00	7,471.26	0.00	0.00	0.00
Lapeer	8,636.93	13.57	0.00	6.14	0.00
Livingston	67.66	40.12	4.56	3.53	0.00
Macomb	12,488.69	6,807.68	187.51	19,248.98	0.00
Oakland	543,715.63	71,522.15	9,627.80	93,739.34	58.73
Ohio	0.00	49.91	0.00	0.00	0.00
Washtenaw	68.54	0.00	0.00	0.00	0.00
Wayne	9,712.23	954.90	0.00	20,122.27	21,179.52
TOTALS	574,704.37	86,859.59	9,819.87	133,126.20	21,238.25

**EVER-GREEN LANDFILL AND RECYCLING CENTER, LLC
(ONTONAGON COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
Baraga	0.00	11,572.92	0.00	0.00	0.00
TOTALS	0.00	11,572.92	0.00	0.00	0.00

**GENERAL MOTORS, LLC - SAGINAW METAL CASTING OPERATIONS
(SAGINAW COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
Saginaw	0.00	2,000.00	203.50	0.00	0.00
TOTALS	0.00	2,000.00	203.50	0.00	0.00

**GFL NORTH MICHIGAN LANDFILL, LLC
(PRESQUE ISLE COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
Antrim	319.68	0.00	137.50	0.00	0.00
Charlevoix	0.00	0.00	669.00	0.00	0.00
Cheboygan	16,127.19	0.00	9,087.00	5,839.00	8,820.00
Chippewa	0.00	0.00	15.00	0.00	0.00
Emmet	35,266.37	0.00	6,511.50	175.00	0.00
Mackinac	2.00	0.00	20.00	0.00	0.00
Presque Isle	3,619.71	74.00	3,067.50	125.00	0.00
TOTALS	55,334.95	74.00	19,507.50	6,139.00	8,820.00

**GLENS SANITARY LANDFILL
(LEELANAU COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
Antrim	168.54	91.04	244.28	52.35	0.00
Benzie	559.31	16.68	967.32	104.71	0.00
Grand Traverse	16,611.49	906.36	7,722.25	3,349.17	0.00
Kalkaska	17.79	10.12	16.80	0.00	0.00
Leelanau	6,689.28	7.26	2,001.09	2,071.04	0.00
Manistee	326.82	0.00	20.96	38.44	0.00
TOTALS	24,373.23	1,031.46	10,972.70	5,615.71	0.00

**GRANGER GRAND RIVER LANDFILL
(CLINTON COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
Barry	1,588.74	0.00	0.00	0.00	0.00
Calhoun	229.04	0.00	0.00	0.00	0.00
Clinton	7,066.39	0.00	0.00	0.00	0.00
Eaton	64,162.31	0.00	0.00	0.00	0.00
Gratiot	11,929.33	0.00	0.00	0.00	0.00
Ingham	6,401.19	0.00	0.00	0.00	0.00
Ionia	8,210.18	0.00	0.00	0.00	0.00
Isabella	15,315.87	0.00	0.00	0.00	0.00
Jackson	349.52	0.00	0.00	0.00	0.00
Livingston	64.67	0.00	0.00	0.00	0.00
Montcalm	12,763.22	0.00	0.00	0.00	0.00
Saginaw	18.65	0.00	0.00	0.00	0.00
Shiawassee	82.25	0.00	0.00	0.00	0.00
Washtenaw	37.63	0.00	0.00	0.00	0.00
TOTALS	128,218.99	0.00	0.00	0.00	0.00

**GRANGER WOOD STREET LANDFILL
(CLINTON COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
Allegan	25.81	0.00	0.00	0.00	0.00
Barry	5,596.08	0.00	0.00	0.00	0.00
Calhoun	29,873.96	0.00	0.00	0.00	0.00
Clinton	53,359.37	0.00	0.00	0.00	0.00
Eaton	57,329.77	59,037.00	0.00	0.00	0.00
Genesee	41.13	0.00	0.00	0.00	0.00
Gratiot	6,316.31	0.00	0.00	0.00	0.00
Ingham	282,124.61	290.00	0.00	6.00	0.00
Ionia	13,151.08	0.00	0.00	0.00	0.00
Isabella	7,526.79	0.00	0.00	0.00	0.00
Jackson	46,447.76	0.00	0.00	0.00	0.00
Kalamazoo	25.97	0.00	0.00	0.00	0.00
Livingston	22,043.92	0.00	0.00	0.00	0.00
Montcalm	6,759.83	0.00	0.00	0.00	0.00
Oakland	49.78	0.00	0.00	0.00	0.00
Saginaw	527.94	0.00	0.00	0.00	0.00
Shiawassee	10,780.28	0.00	0.00	0.00	0.00
Washtenaw	4,419.41	0.00	0.00	0.00	0.00
Wayne	26.81	0.00	0.00	0.00	0.00
TOTALS	546,426.61	59,327.00	0.00	6.00	0.00

**HAYWIRE LANDFILL
(SCHOOLCRAFT COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
Saginaw	0.00	2,000.00	203.50	0.00	0.00
TOTALS	0.00	2,000.00	203.50	0.00	0.00

**HIAWATHA SHORES
(SCHOOLCRAFT COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
Gogebic	65.82	0.00	0.00	0.00	0.00
Schoolcraft	6,741.64	5,638.00	2,226.70	0.00	0.00
TOTALS	6,807.46	5,638.00	2,226.70	0.00	0.00

**HURON LANDFILL CORP. - DBA HURON LANDFILL
(HURON COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
Huron	19,395.55	6,873.84	12,372.15	373.20	14,053.97
Lapeer	1,237.52	0.00	86.31	0.00	0.00
Sanilac	4,886.34	0.00	1,657.45	0.00	0.00
Tuscola	11,615.05	1,272.33	1,256.33	0.00	0.00
TOTALS	37,134.46	8,146.17	15,372.24	373.20	14,053.97

**K & W LANDFILL
(ONTONAGON COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
Baraga	7,109.70	0.00	922.72	4,526.34	0.00
Gogebic	8,556.73	102.45	0.00	30.90	0.00
Houghton	26,736.50	405.95	154.26	834.09	0.00
Iron	3,098.77	203.53	476.10	0.00	0.00
Keweenaw	672.74	0.00	13.62	0.00	0.00
Ontonagon	2,746.36	0.00	396.45	16.07	0.00
Wisconsin	31,211.68	0.00	1.36	85.03	0.00
TOTALS	80,132.48	711.93	1,964.51	5,492.43	0.00

**LAFARGE MIDWEST, INC.
(ALPENA COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
Alpena	0.00	488,000.00	0.00	0.00	0.00
TOTALS	0.00	488,000.00	0.00	0.00	0.00

**LIBERTY ENVIRONMENTALISTS LANDFILL
(JACKSON COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
Calhoun	0.00	0.00	3,335.00	0.00	0.00
Hillsdale	0.00	0.00	4,720.00	0.00	0.00
Ingham	0.00	0.00	1,566.00	0.00	0.00
Jackson	0.00	18,377.00	7,668.00	0.00	0.00
Lenawee	0.00	0.00	4,744.00	0.00	0.00
Ohio	0.00	130,337.00	0.00	0.00	0.00
Washtenaw	0.00	0.00	3,982.00	0.00	0.00
TOTALS	0.00	148,714.00	26,015.00	0.00	0.00

**MANISTEE COUNTY LANDFILL, INC.
(MANISTEE COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
Benzie	5,315.41	34.09	466.72	0.00	0.00
Grand Traverse	72.38	0.00	11.19	0.00	0.00
Lake	2,565.88	1.28	524.19	0.00	0.00
Leelanau	34.33	0.00	12.20	0.00	0.00
Manistee	31,943.31	61,944.61	4,452.68	2,123.85	0.00
Mason	24,236.42	1,633.38	1,938.79	208.52	0.00
Wexford	4,145.45	15.66	77.16	0.00	0.00
TOTALS	68,313.18	63,629.02	7,482.93	2,332.37	0.00

**MARQUETTE COUNTY SOLID WASTE MANAGEMENT AUTHORITY
(MARQUETTE COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
Marquette	37,459.71	0.00	17,973.25	0.00	14,566.40
TOTALS	37,459.71	0.00	17,973.25	0.00	14,566.40

**MATLIN ROAD LANDFILL
(MONROE COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
Jackson	0.00	0.00	20.00	0.00	0.00
Monroe	0.00	0.00	2,457.00	0.00	0.00
Oakland	0.00	0.00	522.00	0.00	0.00
Ohio	0.00	0.00	5,738.00	0.00	0.00
Washtenaw	0.00	0.00	5,089.00	0.00	0.00
Wayne	0.00	0.00	6,338.00	0.00	0.00
TOTALS	0.00	0.00	20,164.00	0.00	0.00

**MCGILL ROAD LANDFILL
(JACKSON COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
Allegan	0.00	1,447.13	0.00	0.00	0.00
Calhoun	287.39	4,501.02	38.59	247.00	0.00
Eaton	131.48	0.00	63.63	0.00	0.00
Hillsdale	312.34	195.25	897.44	0.00	0.00
Jackson	26,304.19	6,495.77	2,564.34	9,281.92	0.00
Lenawee	75.24	15.63	0.00	1,082.83	0.00
St Joseph	29.98	0.00	0.00	0.00	0.00
Van Buren	0.00	0.00	16.75	0.00	0.00
Washtenaw	95.29	0.00	1.54	0.00	0.00
TOTALS	27,235.91	12,654.80	3,582.29	10,611.75	0.00

**MICHIGAN ENVIRONS, INC.
(MENOMINEE COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
Marquette	0.00	0.00	0.00	188.06	0.00
Menominee	6,208.70	37,227.04	1,945.15	77.68	3,103.30
Wisconsin	15,685.44	8,145.38	2,002.11	1,797.88	19,735.22
TOTALS	21,894.14	45,372.42	3,947.26	2,063.62	22,838.52

**MONTMORENCY OSCODA ALPENA SWMA
(MONTMORENCY COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
Alcona	255.94	0.00	617.00	39.27	0.00
Alpena	29,224.35	66.53	16,226.45	3,215.93	0.00
Antrim	1,813.35	0.00	280.33	0.00	0.00
Charlevoix	0.00	0.00	3.00	0.00	0.00
Cheboygan	10.55	0.00	150.00	0.00	0.00
Crawford	0.56	0.00	65.50	0.00	0.00
Emmet	11.03	0.00	20.00	11.17	0.00
Iosco	86.10	0.00	382.50	0.00	0.00
Montmorency	6,126.51	0.00	7,215.00	485.98	0.00
Ogemaw	15.84	0.00	21.50	9.55	0.00
Oscoda	3,644.59	0.00	3,447.00	403.80	0.00
Otsego	109.31	0.00	404.50	19.00	0.00
Presque Isle	302.14	0.00	828.50	299.59	0.00
Roscommon	2.93	0.00	0.00	0.00	0.00
TOTALS	41,603.20	66.53	29,661.28	4,484.29	0.00

**NIAGARA DEVELOPMENT
(DICKINSON COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
Dickinson	0.00	8,928.85	799.25	0.00	0.00
Wisconsin	0.00	1,756.51	132.15	0.00	0.00
TOTALS	0.00	10,685.36	931.40	0.00	0.00

**NORTHERN OAKS RECYCLING AND DISPOSAL FACILITY
(CLARE COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
Alcona	1,727.17	6,121.22	1.48	0.00	0.00
Arenac	1,583.74	89.69	16.94	508.82	0.00
Bay	0.00	36.34	0.00	751.25	0.00
Clare	15,502.02	1.83	5,485.00	15,078.14	0.00
Gladwin	4,775.97	74.09	1,399.15	35.55	0.00
Gratiot	4,809.03	90.80	559.71	2.77	0.00
Iosco	14,506.38	3.16	0.00	0.00	0.00
Isabella	13,194.26	1,970.04	1,255.57	3,593.27	0.00
Lake	361.43	0.00	11.94	0.00	0.00
Mecosta	3,234.35	301.32	70.25	288.14	0.00
Missaukee	1,349.99	20,122.01	459.32	0.00	0.00
Ogemaw	4,882.60	166.04	13.60	6.52	0.00
Osceola	3,465.97	10.74	850.26	1,250.89	0.00
Roscommon	9,480.89	5.61	4,668.56	12,676.62	0.00
Wexford	1,324.02	11.79	136.03	0.37	0.00
TOTALS	80,197.82	29,004.68	14,927.81	34,192.34	0.00

**OAKLAND HEIGHTS DEVELOPMENT, INC.
(OAKLAND COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
Genesee	0.00	7.68	842.95	0.00	0.00
Lapeer	0.00	2.37	3.37	0.00	0.00
Livingston	0.00	244.04	0.00	3.82	0.00
Macomb	1,247.46	645.42	1,985.91	2,258.44	0.00
Oakland	68,569.56	8,764.87	61,830.45	13,638.21	0.00
Washtenaw	0.00	0.46	0.00	0.00	0.00
Wayne	0.00	64.15	0.00	0.00	0.00
TOTALS	69,817.02	9,728.99	64,662.68	15,900.47	0.00

**ORCHARD HILL SANITARY LANDFILL
(BERRIEN COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
Allegan	999.00	0.00	0.00	0.00	0.00
Barry	1.33	0.00	0.00	0.00	0.00
Berrien	81,420.17	0.00	0.00	0.00	0.00
Calhoun	5,759.90	0.00	0.00	0.00	0.00
Cass	4,658.34	0.00	0.00	0.00	0.00
Indiana	7.33	0.00	0.00	0.00	0.00
Kalamazoo	101,715.85	0.00	0.00	0.00	0.00
Ottawa	4.00	0.00	0.00	0.00	0.00
St Joseph	12.32	0.00	0.00	0.00	0.00
Van Buren	59,612.99	0.00	0.00	0.00	0.00
TOTALS	254,191.23	0.00	0.00	0.00	0.00

**OTTAWA COUNTY LANDFILL
(OTTAWA COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
Allegan	64,762.31	898.77	462.56	184.86	0.00
Barry	1,520.21	1,136.62	0.00	25.70	0.00
Berrien	0.00	0.00	0.00	25.44	0.00
Clinton	0.00	0.00	0.00	0.06	0.00
Ionia	7.22	188.75	11.67	0.00	0.00
Kalamazoo	8.36	0.00	40.02	0.00	0.00
Kent	59,624.89	63,860.05	14,123.89	70,100.15	51,417.25
Lake	2.36	0.00	0.00	0.00	0.00
Mason	0.00	14,827.70	65.52	0.00	0.00
Mecosta	1.70	0.00	0.00	34.76	0.00
Montcalm	6.48	3,706.60	0.00	142.13	0.00
Muskegon	64,028.23	46,087.44	4,237.52	6,519.83	0.00
Newaygo	168.38	64.29	28.82	0.35	0.00
Oceana	9,477.08	82.71	1,320.24	8.24	0.00
Osceola	0.00	0.00	0.00	13.71	0.00
Ottawa	87,843.85	51,677.46	15,317.15	4,698.32	9,538.15
Van Buren	0.00	20.81	0.00	0.00	0.00
TOTALS	287,451.07	182,551.20	35,607.39	81,753.55	60,955.40

**PEOPLES LANDFILL, INC.
(SAGINAW COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
Bay	37,327.23	468.70	1,318.55	4,796.35	0.00
Genesee	2,467.42	2,625.29	110.21	165.63	0.00
Gratiot	3,771.83	54.52	64.67	0.00	0.00
Kalamazoo	1,015.05	9.83	0.00	0.00	0.00
Saginaw	93,195.48	16,676.63	21,336.98	16,625.38	0.00
Shiawassee	565.81	23.95	0.00	0.00	0.00
Tuscola	1,657.79	902.60	1,944.49	24.04	0.00
TOTALS	140,000.61	20,761.52	24,774.90	21,611.40	0.00

**PINE TREE ACRES, INC.
(MACOMB COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
Canada	2,222,015.01	0.00	42.96	0.00	0.00
Clinton	12.84	0.00	0.00	0.00	0.00
Lapeer	5,109.54	6.59	0.00	0.00	0.00
Macomb	412,079.50	32,296.82	15,477.01	185,167.53	0.00
Oakland	417.42	354.10	284.16	1,929.38	362.50
Ohio	0.00	0.00	0.00	18.24	13,971.92
Sanilac	13.53	0.00	0.00	0.00	0.00
Tuscola	0.00	0.00	0.00	21.40	0.00
Washtenaw	0.00	0.00	0.00	2,373.17	0.00
Wayne	241,079.46	40,886.77	94.44	26,819.74	43,980.80
TOTALS	2,880,727.30	73,544.28	15,898.57	216,329.46	58,315.22

**PITSCH SANITARY LANDFILL
(IONIA COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
Allegan	1.58	0.00	1,084.94	18.95	0.00
Barry	25.79	0.00	258.46	0.46	0.00
Clinton	22.19	0.00	398.77	0.54	0.00
Eaton	56.51	0.00	84.31	1.11	0.00
Ingham	27.61	0.00	2,261.94	19.32	0.00
Ionia	3,712.83	76.17	21,530.29	263.66	0.00
Isabella	1,029.40	0.00	38.78	0.00	0.00
Kalamazoo	0.00	0.00	298.91	181.12	0.00
Kent	3,648.57	81.41	56,355.92	332.02	0.00
Mecosta	43.81	0.00	203.21	17.09	0.00
Montcalm	12,770.01	27.28	6,044.48	11.96	0.00
Muskegon	0.00	0.00	110.36	9.85	0.00
Ottawa	1,231.58	0.00	388.94	5.09	0.00
TOTALS	22,569.88	184.86	89,059.31	861.17	0.00

**RIVERVIEW LAND PRESERVE
(WAYNE COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
Canada	0.00	0.00	541.86	0.00	0.00
Macomb	7,230.02	1,751.42	47.75	0.00	0.00
Monroe	86,297.22	651.60	8,195.11	0.00	0.00
Oakland	1,535.86	45.90	126.93	0.00	0.00
Ohio	0.00	343.23	0.00	0.00	0.00
Washtenaw	0.00	13.90	15.63	0.00	0.00
Wayne	246,142.33	21,648.44	162,272.67	0.00	10,631.09
TOTALS	341,205.43	24,454.49	171,199.95	0.00	10,631.09

**SAUK TRAIL HILLS
(WAYNE COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
Jackson	0.00	8.34	0.00	0.00	0.00
Lapeer	0.00	0.00	9.90	0.00	0.00
Lenawee	0.00	40.40	0.00	0.00	0.00
Livingston	0.00	0.80	305.52	0.00	0.00
Macomb	10.48	2,067.73	0.00	0.00	0.00
Monroe	0.00	9,555.94	532.68	0.00	0.00
Oakland	4.81	3,524.61	118.39	0.00	0.00
Ohio	0.00	427.62	10.66	0.00	0.00
Washtenaw	5,433.00	531.09	14,419.10	0.00	0.00
Wayne	235,900.28	162,856.70	104,469.89	0.00	65,344.23
TOTALS	241,348.57	179,013.23	119,866.14	0.00	65,344.23

**SC HOLDINGS, INC.
(BARRY COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
Allegan	424.46	1,609.98	15.66	0.00	0.00
Barry	16,953.29	1,584.11	2,594.05	91.29	0.00
Berrien	9.66	0.00	2.74	0.00	0.00
Branch	0.00	134.51	0.00	0.00	0.00
Calhoun	12.94	318.85	0.00	35.86	0.00
Clinton	566.82	414.40	0.00	0.00	0.00
Eaton	9,942.60	242.65	229.72	24.62	0.00
Ingham	906.84	78.09	18.50	10.18	0.00
Ionia	5,735.26	388.75	45.32	25.43	0.00
Kalamazoo	7.30	137.25	2.18	0.00	0.00
Kent	4,161.00	1,230.53	29.07	1.41	0.00
Montcalm	0.00	0.00	0.00	197.62	0.00
Ottawa	0.00	747.19	0.00	0.00	0.00
TOTALS	38,720.17	6,886.31	2,937.24	386.41	0.00

**SMITHS CREEK LANDFILL
(ST CLAIR COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
Canada	78,069.02	0.00	0.00	0.00	0.00
St Clair	113,812.94	9,949.47	34,256.28	62,703.14	8,491.01
TOTALS	191,881.96	9,949.47	34,256.28	62,703.14	8,491.01

**SOUTH KENT LANDFILL
(KENT COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
Allegan	19,035.71	1,049.30	4,975.89	0.00	0.00
Barry	2,846.00	0.00	1,598.44	432.13	0.00
Calhoun	12.58	0.00	1.49	0.00	0.00
Clinton	0.00	0.00	4.68	0.00	0.00
Eaton	7.03	0.00	953.13	5.46	0.00
Gratiot	0.00	0.00	7.72	0.00	0.00
Ionia	265.14	0.00	210.66	0.00	0.00
Kalamazoo	228.61	0.00	1,251.50	3.69	0.00
Kent	226,251.59	14,832.90	53,417.41	1,002.72	0.00
Mecosta	0.00	0.00	13.51	0.00	0.00
Montcalm	12.80	80.12	64.44	17.11	0.00
Newaygo	4.79	0.00	11.67	9.64	0.00
Oceana	2.03	0.00	1.38	0.00	0.00
Ottawa	3,916.12	8,104.12	4,699.96	0.00	0.00
TOTALS	252,582.40	24,066.44	67,211.88	1,470.75	0.00

**SOUTHEAST BERRIEN COUNTY LANDFILL AUTHORITY
(BERRIEN COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
Berrien	114,736.83	11,812.23	4,563.12	20.00	4,477.51
Cass	18,484.14	639.04	10,323.06	0.00	0.00
Indiana	80,145.64	24,492.73	9,026.28	40.00	144.18
TOTALS	213,366.61	36,944.00	23,912.46	60.00	4,621.69

**SPARTA FOUNDRY WASTE FACILITY
(KENT COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
Kent	0.00	0.00	0.00	0.00	0.00
TOTALS	0.00	0.00	0.00	0.00	0.00

**ST CLAIR POWER PLANT BOTTOM ASH BASINS
(ST CLAIR COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
St Clair	0.00	0.00	0.00	0.00	0.00
TOTALS	0.00	0.00	0.00	0.00	0.00

**ST MARYS CEMENT US, LLC
(CHARLEVOIX COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
Charlevoix	0.00	0.00	0.00	0.00	0.00
TOTALS	0.00	0.00	0.00	0.00	0.00

**TRI-CITY RECYCLING AND DISPOSAL FACILITY
(SANILAC COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
Genesee	9.99	0.00	0.00	0.00	0.00
Huron	3,452.21	1,465.37	40.00	4,762.44	0.00
Lapeer	1,474.86	0.00	10.00	0.00	0.00
Macomb	14.99	0.00	0.00	0.00	0.00
Sanilac	10,891.10	6,936.72	1,347.00	0.00	0.00
St Clair	10.66	0.00	0.00	0.00	0.00
Tuscola	1,768.23	3,408.00	0.00	0.00	0.00
TOTALS	17,622.04	11,810.09	1,397.00	4,762.44	0.00

**VENICE PARK RECYCLING AND DISPOSAL FACILITY
(SHIAWASSEE COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
Bay	6.70	107.38	0.00	0.00	0.00
Clinton	3,344.27	712.62	0.00	207.62	0.00
Eaton	1,320.78	803.65	0.00	18.39	0.00
Genesee	79,822.72	4,182.48	303.49	6,168.62	0.00
Gratiot	54.25	0.00	0.00	0.00	0.00
Ingham	32,766.47	633.56	6,966.32	1,832.77	0.00
Lapeer	6,077.49	18.46	137.71	0.00	0.00
Livingston	23,855.19	495.66	367.13	294.65	0.00
Macomb	3.12	0.00	0.00	0.00	0.00
Montcalm	921.53	0.00	0.00	0.00	0.00
Oakland	1,533.69	3,007.67	0.00	0.00	782.83
Saginaw	804.02	0.30	3.04	0.00	0.00
Shiawassee	35,848.36	141,521.26	271.77	872.35	0.00
Wayne	0.00	21,567.41	0.00	0.00	11,281.23
TOTALS	186,358.59	173,050.45	8,049.46	9,394.40	12,064.06

**VERSO ESCANABA, LLC
(DELTA COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
Delta	0.00	17,694.70	0.00	0.00	0.00
TOTALS	0.00	17,694.70	0.00	0.00	0.00

**VERSO QUINNESEC, LLC
(DICKINSON COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
Dickinson	0.00	59,791.00	0.00	0.00	0.00
TOTALS	0.00	59,791.00	0.00	0.00	0.00

**VIENNA JUNCTION LANDFILL
(MONROE COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
Genesee	15.99	0.00	0.00	0.00	0.00
Lenawee	10,667.63	7,151.94	559.74	44.79	0.00
Macomb	11.46	0.00	0.00	0.00	0.00
Monroe	29,360.35	3,428.58	1,694.98	6,393.48	0.00
Ohio	203,628.38	71,875.83	13,928.15	23,949.64	53,410.76
Washtenaw	25.50	48.27	0.00	3.07	0.00
Wayne	11.73	3,159.24	0.00	177.16	0.00
TOTALS	243,721.04	85,663.86	16,182.87	30,568.14	53,410.76

**WESTSIDE RECYCLING & DISPOSAL FACILITY
(ST JOSEPH COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
Allegan	969.31	722.14	110.14	160.55	0.00
Barry	10.39	79.57	0.00	0.00	0.00
Berrien	13,467.31	420.28	18.97	6.71	0.00
Branch	3,371.69	807.85	901.27	0.00	0.00
Calhoun	38,737.53	39,754.94	48.37	286.15	0.00
Cass	8,486.03	582.20	2,235.97	222.31	0.00
Genesee	0.00	798.51	0.00	0.00	0.00
Hillsdale	0.00	30.22	0.00	0.00	0.00
Indiana	43,136.53	7,525.14	1,563.85	0.00	0.00
Kalamazoo	13,925.08	44,637.13	549.34	6,654.22	0.00
St Joseph	39,847.60	40,929.80	7,127.23	4,610.51	0.00
Van Buren	2,786.95	469.56	76.85	298.72	0.00
TOTALS	164,738.42	136,757.34	12,631.99	12,239.17	0.00

**WEXFORD COUNTY LANDFILL
(WEXFORD COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
Antrim	58,307.25	0.00	245.07	22.00	0.00
Benzie	639.48	447.44	3,184.55	30.00	0.00
Charlevoix	0.00	0.00	141.50	20.00	0.00
Crawford	2.00	169.66	0.00	0.00	321.64
Emmet	0.00	0.00	0.00	0.75	0.00
Grand Traverse	122,302.04	274.13	570.24	276.55	3,098.31
Illinois	0.00	0.00	0.00	20.00	0.00
Indiana	0.00	0.00	4.66	35.00	0.00
Kalkaska	801.39	51.69	5,515.53	1,169.40	11,805.06
Lake	30.69	0.00	101.31	0.00	0.00
Manistee	2,458.09	58.61	1,023.55	50.00	25.83
Mason	262.61	135.51	797.00	0.00	0.00
Minnesota	0.00	0.00	0.00	1.00	0.00
Missaukee	7,717.39	240.28	1,180.35	40.00	869.22
Montana	0.00	0.00	0.00	1.00	0.00
Ohio	0.00	33.75	0.00	0.25	0.00
Osceola	5,916.42	3,981.66	6,311.68	408.25	2,192.26
Otsego	0.00	0.00	14.00	3.25	11,288.58
Roscommon	13,441.13	0.00	0.00	0.00	0.00
Wexford	20,530.82	3,860.38	7,435.41	95.00	18,043.15
Wisconsin	0.00	0.00	0.00	3.50	0.00
TOTALS	232,409.31	9,253.11	26,524.85	2,175.95	47,644.05

**WHITEFEATHER LANDFILL
(BAY COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
Antrim	4.60	215.28	0.00	2.60	0.00
Arenac	7,646.62	72.34	1,669.72	830.22	0.00
Bay	33,029.83	13,846.15	17,405.92	65,373.23	11,740.36
Clare	3,496.82	634.49	1,559.13	4,439.14	7,585.72
Genesee	67.25	0.00	11.55	1.84	0.00
Gladwin	8,810.81	78.74	842.66	305.56	0.00
Gratiot	1.12	1.44	0.00	0.00	0.00
Iosco	7,373.56	167.32	6,024.07	0.00	0.00
Isabella	1.05	668.63	3,545.28	2.60	0.00
Midland	62.95	121.77	93.60	0.00	0.00
Ogemaw	4,740.99	17.89	202,474.96	90.74	0.00
Roscommon	6,388.33	0.00	0.00	0.00	0.00
Saginaw	7,556.76	0.00	0.00	0.00	0.00
TOTALS	65,235.60	15,824.05	233,626.89	71,045.93	19,326.08

**WOOD ISLAND LANDFILL
(ALGER COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
Alger	10,510.00	4,394.00	0.00	0.00	0.00
Dickinson	15,817.00	0.00	0.00	0.00	0.00
Wisconsin	24,011.00	0.00	0.00	0.00	0.00
TOTALS	50,338.00	4,394.00	0.00	0.00	0.00

**WOODLAND MEADOWS RDF - VAN BUREN
(WAYNE COUNTY)**

ORIGIN	MCW	IW	C&D	OTHER	ADC
Canada	0.00	4,934.57	0.00	0.00	0.00
Jackson	0.00	0.00	0.00	33.06	0.00
Kalamazoo	0.00	37,895.38	0.00	40.00	0.00
Lenawee	0.00	3,074.63	0.00	8,099.38	0.00
Livingston	1,013.21	199.13	0.00	416.50	0.00
Macomb	89.31	23,931.19	0.00	3,917.46	0.00
Monroe	2,107.68	6,223.76	24.79	18,463.87	0.00
Oakland	18,201.52	27,440.78	86.00	43,805.10	0.00
Ohio	0.00	3,669.00	0.00	961.44	0.00
Washtenaw	176,624.54	13,515.08	131.15	45,384.11	0.00
Wayne	857,077.00	3,299,755.20	9,171.95	1,482,493.36	0.00
TOTALS	1,055,113.26	3,374,734.14	9,413.89	1,595,441.84	0.00