



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.

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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
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Travis Boeskool, Deputy Director, EGLE
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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

If you need this information in an alternate format, contact EGLE-Accessibility@Michigan.gov or call 800-662-9278.

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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 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 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

**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

**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

**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

**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

**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