



RICK SNYDER  
GOVERNOR

STATE OF MICHIGAN  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
LANSING



C. HEIDI GREETHER  
DIRECTOR

March 31, 2017

Mr. Charles Lange, Chairperson  
Mason County Board of Commissioners  
304 East Ludington Avenue  
Ludington, Michigan 49431

Dear Mr. Lange:

The locally approved amendment to the Mason County Solid Waste Management Plan (Plan Amendment) received by the Department of Environmental Quality (DEQ) on January 19, 2017, is hereby approved.

The Plan Amendment makes the following changes:

- Adds the Wexford County Landfill to the Database and Solid Waste Disposal Areas sections for Type II landfills to be utilized by the County and provides a Facility Description for the facility.
- Removes the requirement to arrange inter-county agreements to allow for solid waste to be imported or exported into and out of Mason County.
- Updates the Export Authorization Table by adding Wexford County as a 100 percent primary disposal authorization.

The DEQ would like to thank Mason County for its efforts in addressing its solid waste management issues. If you have any questions, please contact Ms. Christina Miller, Solid Waste Planning, Reporting and Surcharge Coordinator, Sustainable Materials Management Unit, Solid Waste Section, Waste Management and Radiological Protection Division, at 517-614-7426; millerc1@michigan.gov; or DEQ, P.O. Box 30241, Lansing, Michigan 48909-7741.

Sincerely,

Jack Schinderle, Division Director  
Waste Management and Radiological  
Protection Division

cc: Senator Darwin L. Booher  
Representative Curt Vanderwall  
Mr. Fabian L. Knizacky, Mason County DPA  
Ms. C. Heidi Grether, Director, DEQ  
Ms. Amy Epkey, Environment Deputy Director, DEQ  
Ms. Maggie Pallone, External Relations Deputy Director, DEQ  
Ms. Sarah M. Howes, Legislative Liaison, DEQ  
Mr. Steven R. Sliver, DEQ  
Ms. Rhonda S. Oyer, DEQ  
Mr. Jeff Spencer, DEQ  
Ms. Christina Miller, DEQ/Mason County File

## 2016 Amendment to the 1998 Solid Waste Management Plan

### Page 12

The Wexford County Landfill located in Wexford County will be added to the Data Base for Type II Landfills to be utilized by the County of Mason.

The attached Facility Description will be added to the Data Base.

### Page 28

The section titled Institutional arrangements will be amended by the deletion of the following sentence from Alternative #1. "The County of Mason would continue to arrange the inter county agreements that allow solid waste material to be imported and exported into and out of Mason County"

### Page 34

The Wexford County Landfill located in Wexford County will be added to Table 2-A as an importing county with 100% authorized quantity per day and 100% authorized quantity per annual. It will have a Primary Disposal Authorization.

### Page 36

The Wexford County Landfill located in Wexford County will be added to the Type II Landfill section of Solid Waste Disposal Areas.

The attached Facility Description will be added to the Selected System facilities.

FACILITY DESCRIPTIONS

Facility Type: Solid Waste Landfill

Facility Name: Wexford County Landfill

County: Wexford Location: Town 23N Range R9W Section(s) 33 and 34

Map identifying location included in Attachment Section: x Yes      No

If facility is an Incinerator or a Transfer Station, list the final disposal site and location for Incinerator ash or Transfer Station wastes: N/A

     Public   X   Private Owner: Wexford County Landfill, LLC

Operating Status (check)		Waste Types Received (check all that apply)	
<u>x</u> <u>    </u>	open	<u>x</u> <u>    </u>	residential
<u>    </u> <u>    </u>	closed	<u>x</u> <u>    </u>	commercial
<u>x</u> <u>    </u>	licensed	<u>x</u> <u>    </u>	industrial
<u>    </u> <u>    </u>	unlicensed	<u>x</u> <u>    </u>	construction & demolition
<u>x</u> <u>    </u>	construction permit	<u>x</u> <u>    </u>	contaminated soils
<u>    </u> <u>    </u>	open, but closure pending	<u>x</u> <u>    </u>	special wastes *
		<u>    </u> <u>    </u>	other

\* Explanation of special wastes, including a specific list and/or conditions:

Site Size:

Total area of facility property:	<u>196.4</u>	acres
Total area sited for use:	<u>196.4</u>	acres
Total area permitted:	<u>196.4</u>	acres
Operating:	<u>~47</u>	acres
Not excavated:	<u>~90</u>	acres
Current capacity:	<u>~23M</u>	bank cubic yards
Estimated lifetime:	<u>~60</u>	years
Estimated days open per year:	<u>261</u>	days
Estimated yearly disposal volume:	<u>350,000</u>	bank cubic yards

(if applicable)

Annual energy production:		
Landfill gas recovery projects:	<u>NA</u>	megawatts
Waste-to-energy incinerators:	<u>NA</u>	megawatts



SELECTED SYSTEM

EXPORT AUTHORIZATION

If a Licensed solid waste disposal area is currently operating within another County, disposal of solid waste generated by the EXPORTING COUNTY is authorized up to the AUTHORIZED QUANTITY according to the CONDITIONS AUTHORIZED in Table 2-A if authorized for Import in the approved Solid Waste Management Plan of the receiving County.

Table 2-A

CURRENT EXPORT VOLUME AUTHORIZATION OF SOLID WASTE

EXPORTING COUNTY	IMPORTING COUNTY	FACILITY NAME <sup>1</sup>	AUTHORIZED QUANTITY/ DAILY	AUTHORIZED QUANTITY/ ANNUAL	AUTHORIZED CONDITIONS <sup>2</sup>
Mason	Ionia	Pitsch Sanitary Landfill	100%	100%	P
Mason	Manistee	Manistee Co. Landfill	100%	100%	P
Mason	Ottawa	Autumn Hills Recycling & Disposal Facility	350 yds.	125,000 yds. <sup>3</sup>	P
Mason	Ottawa	Ottawa Co. Farms Landfill	350 yds.	125,000 yds. <sup>3</sup>	P
Mason	Washtenaw	Arbor Hills Landfill	350 yds.	125,000 yds. <sup>3</sup>	C
Mason	Montcalm	Central Sanitary	350 yds.	125,000 yds. <sup>3</sup>	P
Mason	Wexford	Wexford County Landfill	100%	100%	P

Additional authorizations and the above information for those authorizations are listed on an attached page.

<sup>1</sup> Facilities are only listed if the exporting county is restricted to using specific facilities within the importing county.

<sup>2</sup> Authorization indicated by P = Primary Disposal; C = Contingency Disposal; \* = Other conditions exist and detailed explanation is included in the Attachment Section. See page 32 for the definition of Primary Disposal and Contingency Disposal.

**SOLID WASTE DISPOSAL AREAS**

The following identifies the names of existing disposal areas which will be utilized to provide the required capacity and management needs for the solid waste generated within the County for the next five years and, if possible, the next ten years. Pages 37 through 45 contain descriptions of the solid waste disposal facilities which are located within the County and the disposal facilities located outside of the County which will be utilized by the County for the planning period. Additional facilities within the County with applicable permits and licenses may be utilized as they are sited by this Plan, or amended into this Plan, and become available for disposal. If this Plan update is amended to identify additional facilities in other counties outside the County, those facilities may only be used if such import is authorized in the receiving County's Plan. Facilities outside of Michigan may also be used if legally available for such use.

Type II Landfill:

Central Sanitary Landfill in Montcalm County

Manistee County Landfill in Manistee County

Pitsch Sanitary Landfill in Ionia County

Autumn Hills Recycling & Disposal Facility in Ottawa County

Ottawa County Farms Landfill in Ottawa County

Arbor Hills Landfill in Washtenaw County

Wexford County Landfill in Wexford County

Type III Landfill:

None

Incinerator:

None

Waste-to-Energy Incinerator:

None

Type A Transfer Facility:

None

Type B Transfer Facility:

Waste Reduction System

Hamlin Township, Summit Township

Processing Plant:

None

Waste Piles:

None

Other:

None

Additional facilities are listed on an attached page. Letters from or agreements with the listed disposal areas owners/operators stating their facility capacity and willingness to accept the County's solid waste are in the Attachments Section.