



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
LANSING



DAN WYANT
DIRECTOR

October 7, 2013

Mr. Gene Thornton, Chairperson
Montmorency County Board of Commissioners
P.O. Box 399
Milo, Michigan 48647

Dear Mr. Thornton:

The locally approved amendment to the Montmorency/Oscoda County Solid Waste Management Plan (Plan Amendment) received by the Department of Environmental Quality (DEQ) on June 17, 2013, is hereby approved with modification. The Plan Amendment required some modifications that were sent to both Montmorency and Oscoda Counties on September 6, 2013. The modification approvals were received from Montmorency and Oscoda Counties on September 16, 2013.

The Plan Amendment creates the following changes:

- Adds the Advantis Renewable Energy, LLC Waste-to-Energy Facility and Processing Plant to the Database: Solid Waste Disposal Area and adds a facility description to the inventory in the Plan.
- Updated a name change for the McGregor Type B Transfer Station in the facility description inventory.
- Adds a facility description for the Luzerne Express Type B Transfer Station.
- Adds Lewiston Septic Service as an existing Type B Transfer Station and adds the facility to the "Type B Transfer Facility" category of the Selected System, Solid Waste Disposal Areas section of the Plan.
- Updates the Future Import Volume Authorization Table to include additional counties authorized for 100% primary basis to all disposal areas located within the County.
- Adds the Advantis Renewable Energy, LLC Waste-to-Energy Facility to the "Other" category of the Selected System, Solid Waste Disposal Areas section of the Plan.
- Adds the Advantis Renewable Energy, LLC Waste-to-Energy Facility and Processing Plant and Montmorency-Oscoda-Alpena Sanitary Landfill to the "Authorized Disposal Area Types" section for the siting review procedures.
- Adds Advantis Renewable Energy, LLC Waste-to-Energy Facility and Processing Plant as the responsible party for the category "Energy Production".
- Deletes the "Special Condition" for the import and export of solid waste found in Attachment E of the Plan.

The DEQ would like to thank Montmorency and Oscoda Counties for its efforts in addressing its solid waste management issues. If you have any questions, please contact Ms. Rhonda S. Oyer, Chief, Sustainable Materials Management Unit, Solid Waste Section, Office of Waste Management and Radiological Protection, at 517-284-6591; oyerr@michigan.gov; or DEQ, P.O. Box 30241, Lansing, Michigan 48909-7741.

Sincerely,



Elizabeth M. Browne, Chief
Office of Waste Management and
Radiological Protection
517-284-6551

cc: Senator John Moolenaar
Representative Greg Mac Master
Ms. Diane Rekowski, Northeast Michigan Council of Governments
Mr. Dan Wyant, Director, DEQ
Mr. Jim Sygo, Deputy Director, DEQ
Ms. Maggie Datema, Legislative Affairs, DEQ
Mr. Phil Roycraft, DEQ
Ms. Rhonda S. Oyer, DEQ
Mr. Steve Sliver/Ms. Christina Miller, DEQ\Montmorency/Oscoda County File



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
LANSING



DAN WYANT
DIRECTOR

October 7, 2013

Mr. John A. Kischnick, Chairperson
Oscoda County Board of Commissioners
P.O. Box 399
Milo, Michigan 48647

Dear Mr. Kischnick:

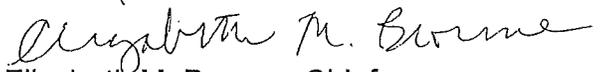
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- Adds Advantis Renewable Energy, LLC Waste-to-Energy Facility and Processing Plant as the responsible party for the category "Energy Production".
- Deletes the "Special Condition" for the import and export of solid waste found in Attachment E of the Plan.

The DEQ would like to thank Montmorency and Oscoda Counties for its efforts in addressing its solid waste management issues. If you have any questions, please contact Ms. Rhonda S. Oyer, Chief, Sustainable Materials Management Unit, Solid Waste Section, Office of Waste Management and Radiological Protection, at 517-284-6591; oyerr@michigan.gov; or DEQ, P.O. Box 30241, Lansing, Michigan 48909-7741.

Sincerely,



Elizabeth M. Browne, Chief
Office of Waste Management and
Radiological Protection
517-284-6551

cc: Senator John Moolenaar
Representative Greg Mac Master
Ms. Diane Rekowski, Northeast Michigan Council of Governments
Mr. Dan Wyant, Director, DEQ
Mr. Jim Sygo, Deputy Director, DEQ
Ms. Maggie Datema, Legislative Affairs, DEQ
Mr. Phil Roycraft, DEQ
Ms. Rhonda S. Oyer, DEQ
Mr. Steve Sliver/Ms. Christina Miller, DEQ/Montmorency/Oscoda County File



Northeast Michigan Council of Governments

PO Box 457
80 Livingston Blvd Suite U-108
Gaylord, MI 49734

Voice: 989.705.3730
Fax: 989.705.3729
www.nemcog.org

September 12, 2013

Ms. Christina Miller
Sustainable Materials Management Unit
Solid Waste Section Office of Waste management and Office Radiological Protection
MI Department of Environmental Quality
PO Box 30241
Lansing, MI 48909-7741

Dear Ms. Christina:

As a follow-up to your letter dated September 6, 2013, the Oscoda and Montmorency County Board of Commissioners met and approved the modifications to the amendment.

Enclosed please find the letters from each of the County Board of Commissioners and the modified pages that were referenced in your letter.

Please do not hesitate to contact me should you have any further concerns.

Sincerely,

Diane Rekowski
Executive Director

Regional
Cooperation
Since
1968

Alcona * Alpena * Cheboygan * Crawford * Emmet * Montmorency * Oscoda * Otsego * Presque Isle

An
Equal
Opportunity
Employer

Gene Thornton
Albert LaFleche
Stacy Carroll
Rick Ferguson
Daryl Peterson



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P.O. Box 789
Atlanta, MI. 49709
Phone- 989-785-8000
Fax- 989-785-8001

debble@montboc.com

Montmorency County Board of Commissioners

September 11, 2013

Ms. Christina Miller
Sustainable Materials Management Unit
Solid Waste Section Office of Waste management and Office Radiological Protection
MI Department of Environmental Quality
PO Box 30241
Lansing, MI 48909-7741

Dear Ms. Christina Miller:

As a follow-up to your letter dated September 6, 2013, the Montmorency County Board of Commissioners respectfully requests the MI Department of Environmental Quality (DEQ) to issue approval of the Montmorency-Oscoda Solid Waste Plan Amendment with the modifications requested by the DEQ. The modifications include

- Page 10 Data Base: Solid Waste Disposal Areas
Add Advantis Renewable Energy LLC Waste-to Energy Facility and Processing Plant to the description narrative and map. Add Lewiston Septic Service, Type B Transfer Station.
- Page 34 Selected System: Current import Volume Authorization of Solid Waste, Table 1A Add amended page to include 100% primary disposal for all counties identified in the table. The Facility Name column should be left blank to allow waste to go any facility within Montmorency or Oscoda County without restriction . The following language should be deleted, "The MOASWMA reserves the right to establish waste hauler allocations in to the landfill".
- Page 106 Attachment E, Special Conditions

The following language should be deleted from the Plan, "Special Conditions affecting import or export of solid waste. *O = Other conditions for current import volume authorization of solid waste. The MOSL Authority reserves the right to establish waste hauler allocations into the landfill".

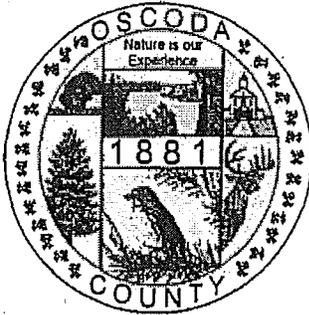
The Montmorency County Board of Commissioners met in a regular session on September 11, 2013 and reviewed the recommended changes to the Amendment to the Montmorency-Oscoda County Solid Waste Plan. The Board concurred with the recommendations.

Thank you for your attention to this request. If you should have any further questions or concerns, please contact Diane Rekowski, Designated Planning Agency at 989-705-3734.

Sincerely,

Handwritten signature of Gene Thornton and the date 9/11/13.

Gene Thornton, Chairperson
Montmorency County Commissioners



COUNTY OF OSCODA

Board of Commissioners
Telephone (989) 826-1130
Fax Line (989) 826-1173

Oscoda County Courthouse Annex 105 S. Court Street, P.O. Box 399, Mio, MI 48647

September 10, 2013

Ms. Christina Miller
Sustainable Materials Management Unit
Solid Waste Section Office of Waste management and Office Radiological Protection
MI Department of Environmental Quality
PO Box 30241
Lansing, MI 48909-7741

Dear Ms. Christina Miller:

As a follow-up to your letter dated September 6, 2013, the Oscoda County Board of Commissioners respectfully requests the MI Department of Environmental Quality (DEQ) to issue approval of the Montmorency-Oscoda Solid Waste Plan Amendment with the modifications requested by the DEQ. The modifications include

- Page 10 Data Base: Solid Waste Disposal Areas
Add Advantis Renewable Energy LLC Waste-to Energy Facility and Processing Plant to the description narrative and map. Add Lewiston Septic Service, Type B Transfer Station.
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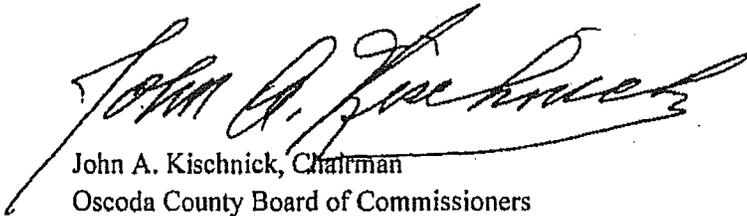
Attachment E, Special Conditions

The following language should be deleted from the Plan, "Special Conditions affecting import or export of solid waste. *O = Other conditions for current import volume authorization of solid waste. The MOSL Authority reserves the right to establish waste hauler allocations into the landfill".

The Oscoda County Board of Commissioners met in a regular session on September 10, 2013 and reviewed the recommended changes to the Amendment to the Montmorency-Oscoda County Solid Waste Plan. The Board concurred with the recommendations.

Thank you for your attention to this request. If you should have any further questions or concerns, please contact Diane Rekowski, Designated Planning Agency at 989-705-3734.

Sincerely,



John A. Kischnick, Chairman
Oscoda County Board of Commissioners

DATA BASE-SOLID WASTE DISPOSAL AREAS

Inventory and description of all solid waste disposal areas within the County or to be utilized by the County to meet its disposal needs for the planning period.

Solid waste generated in Montmorency or Oscoda Counties is disposed of at the Montmorency-Oscoda-Alpena Sanitary(MOASWMA) Landfill in Montmorency County.

Advantis Renewable Energy, LLC Waste-to- Energy and Processing Plant, to be located at the landfill site will process all solid waste received at the landfill and separate for recycling glass and metals. All other combustible solid waste will be gasified in the waste-to-energy facility.

Contingency disposal has been and will continue to be at the Waste Management Inc. Landfill in Waters, Michigan. The Elk Run Landfill located outside Onaway in Presque Isle County, has not been utilized by the counties and will not be used as a disposal site in the next planning period.

Type B transfer stations are to be utilized by many of the townships in the counties and are located in the following townships: Albert, Montmorency, Clinton, Comins, Elmer, Greenwood; privately owned: Luzerne Express Transfer Station, and McGregor's Transfer Site (formerly Big Creek Township transfer station).

See Attachment C for a map showing the location of transfer stations, disposal sites and relative distances to disposal sites.

SELECTED SYSTEM

IMPORT AUTHORIZATION

If a Licensed solid waste disposal area is currently operating within the County, disposal of solid waste generated by the EXPORTING COUNTY is authorized by the IMPORTING COUNTY up to the AUTHORIZED QUANTITY according to the CONDITIONS AUTHORIZED in Table 1-A.

Table 1-A

CURRENT IMPORT VOLUME AUTHORIZATION OF SOLID WASTE

Importing County	Exporting County	Facility Name¹	Authorized Quantity/ Daily	Authorized Quantity/ Annual	Authorized Conditions
Montmorency	Alpena		100 %	100 %	P
Montmorency	Montmorency		100 %	100 %	P
Montmorency	Oscoda		100 %	100 %	P
Montmorency	Emmet		100 %	100 %	P
Montmorency	Cheboygan		100 %	100 %	P
Montmorency	Presque Isle		100 %	100 %	P
Montmorency	Alcona		100 %	100 %	P
Montmorency	Iosco		100 %	100 %	P
Montmorency	Ogemaw		100 %	100 %	P
Montmorency	Roscommon		100 %	100 %	P
Montmorency	Crawford		100 %	100 %	P
Montmorency	Otsego		100 %	100 %	P
Montmorency	Kalkaska		100 %	100 %	P
Montmorency	Grand Traverse		100 %	100 %	P
Montmorency	Benzie		100 %	100 %	P
Montmorency	Leelanau		100 %	100 %	P
Montmorency	Antrim		100 %	100 %	P
Montmorency	Charlevoix		100 %	100 %	P
Montmorency	Schoolcraft		100 %	100 %	P

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

SELECTED SYSTEM

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 III-7-1 through III-7-5 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:

Montmorency-Oscoda-Alpena Sanitary Landfill

Waste Management, Inc Landfill in Waters, MI
(Contingency Only)

Type III Landfill:

Incinerator:

Waste-to-Energy Incinerator:

Type A Transfer Facility:

Type B Transfer Facility:

Albert Township
Montmorency Township
Clinton Township
Comins Township
Greenwood Township
Luzerne Express Transfer
McGregor Transfer
Elmer Township

Processing Plant:

Proposed (multi-county) Material
Recovery Facility in Alpena County

Waste Piles:

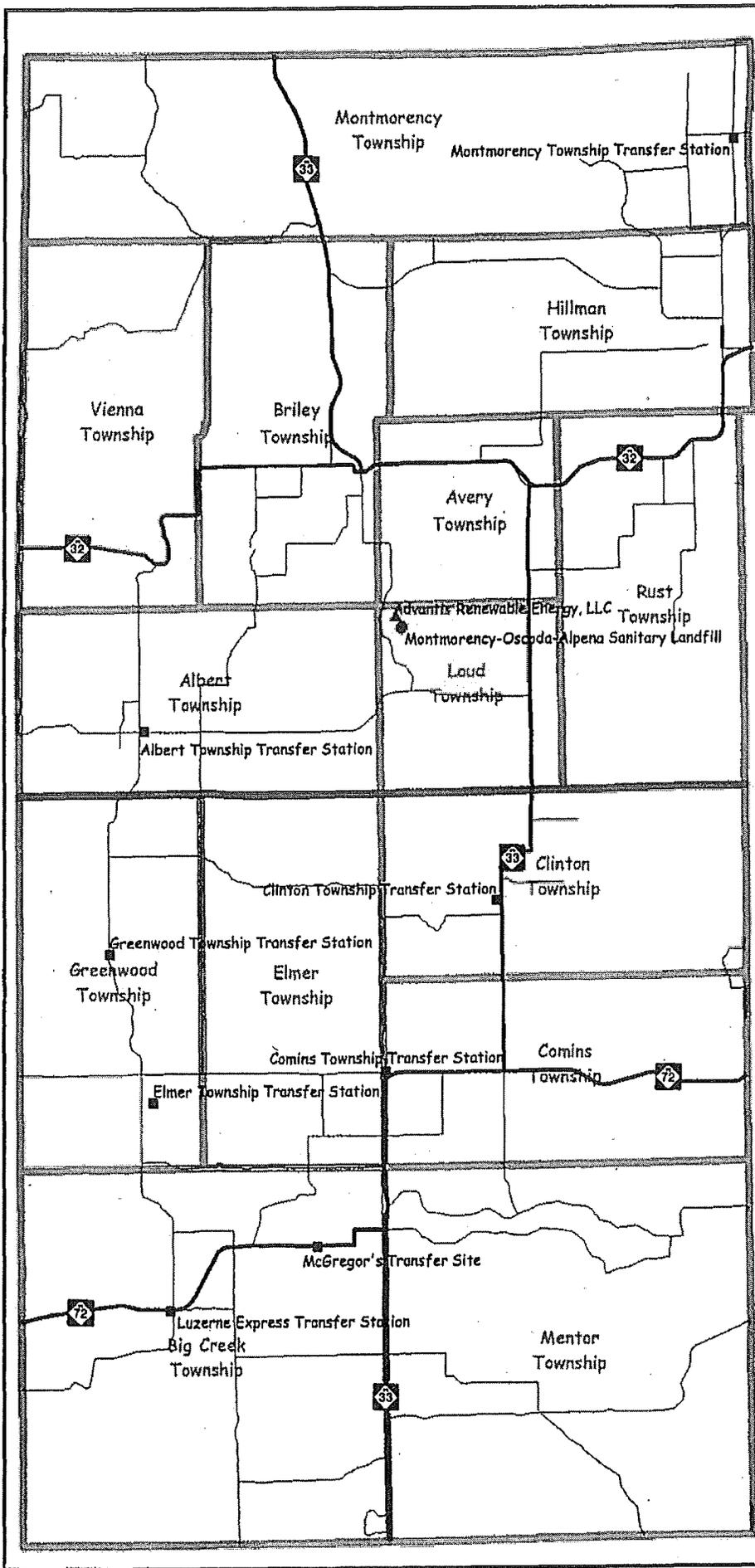
Other:

Advantis Renewable Energy, LLC.
Waste-to-Energy and Processing Plant

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.

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Deleted per 2013 Amendment



**Montmorency & Oscoda Counties
Solid Waste Disposal Facilities**

Facility Type

- Type B Transfer Station
- Type II Sanitary Landfill
- ▲ Waste-to-Energy Facility



Map Created by the Northeast
Michigan Council
of Governments
GIS Department 



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
LANSING



DAN WYANT
DIRECTOR

September 6, 2013

Ms. Diane Rekowski, Executive Director
Northeast Michigan Council of Governments
P.O. Box 457
Gaylord, Michigan 49734

Dear Ms. Rekowski:

SUBJECT: Montmorency/Oscoda County Solid Waste Management Plan Amendment

This letter is a follow-up to our conversation on August 20, 2013, regarding resolving approval issues and clarifying the intent of the Montmorency/Oscoda County (County) Solid Waste Management Plan Amendment (Amendment). In order for the Department of Environmental Quality (DEQ) to recommend approval, the following modifications to the Amendment need to be made:

The following changes should be made to the Attachments of the Amendment:

In an effort to bring all existing exempt transfer stations into compliance the following changes are required: Page 10, fifth paragraph, the Lewiston Septic Service Type B transfer station, located at 3084 Clinton Drive, Lewiston, Michigan, should be included as an existing transfer station. Additionally, this facility should be added to page 38, Solid Waste Disposal Areas under the Type B Transfer Facility section.

Per our conversation, the amendment to page 35, Table 1-B, Future Import Volume Authorization of Solid Waste Contingent on New Facilities Being Sited should actually be made to page 34, Table 1-A, Current Import Volume Authorization of Solid Waste instead. It was the County's intention to allow for the updated import authorizations identified in Table 1-B regardless of a new facility being developed.

Additionally, it was the intent of this Amendment to allow waste to be imported at all disposal facilities that are currently developed and/or will be developed in the future. Therefore, a facility name should not be identified in the Import Volume Authorization table. The name "Advantis" should be deleted from the table and this column should be left blank in order to be open to all disposal facilities located within both Montmorency and Oscoda counties. Based upon the deletion of the name "Advantis", the double asterisk "***" referencing, "Advantis Renewable Energy, LLC., Waste-to-Energy and Processing Plant," should be deleted as well because the name of the facility would no longer be included.

Further, the asterisks "*" found on this table under the "Authorized Quantity/Daily" column were supposed to be a continuation of the "100%" authorized quantity allowed. Therefore, to clarify the counties' intent, the asterisks under this column should be changed to "100%".

Furthermore, the "C" contingency, identified under the "Authorized Conditions" column does not apply. It was the Counties' intent to authorize all of the counties identified in the table on a primary basis. Therefore, there is no need for contingency disposal to be identified because disposal is already authorized on a primary basis. To alleviate any confusion, the "C" should be deleted from the table in the Amendment.

Additionally, a single asterisk "*" also referenced the following language, "The MOASWMA reserves the right to establish waste hauler allocations into the landfill." However, based upon the fact that all of the counties identified in the table are authorized for 100% primary disposal, there is no need to establish waste hauler allocations. Therefore, this language should be deleted from the Amendment.

Based upon the Counties intent, as stated above, and to alleviate any additional confusion, page 106 of the Plan, Attachment E, Special Conditions should be deleted from the Plan because it no longer applies.

Based upon the changes stated above, the language in the cover letter of the Amendment should be as follows:

Page 10 Data Base: Solid Waste Disposal Areas
 Add Advantis Renewable Energy, LLC Waste-to-Energy Facility and Processing Plant to the description narrative and map. Add Lewiston Septic Service, Type B Transfer Station

Page 34 Selected System: Current Import Volume Authorization of Solid Waste, Table 1A
 Add amended page to include 100% primary disposal for all counties identified in the table. The Facility Name column should be left blank to allow waste to go to any facility within Montmorency or Oscoda County without restriction. The following language should be deleted, "The MOASWMA reserves the right to establish waste hauler allocations into the landfill."

Page 106 Attachment E, Special Conditions
 The following language should be deleted from the Plan, "Special Conditions affecting import or export of solid waste. *O = Other conditions for current import volume authorization of solid waste. The MOSL Authority reserves the right to establish waste hauler allocations into the landfill."

If the County agrees with the DEQ administratively making these modifications to the Amendment as part of the DEQ's approval of the Amendment, please have a party who is authorized to act on behalf of the County provide a letter to the DEQ indicating the County's agreement with these changes and requesting that the DEQ issue its approval with these modifications. An example of such a letter is enclosed.

The DEQ believes that the Amendment is not approvable without the modifications outlined above. If the County decides not to agree to have the DEQ make the changes as part of the approval process, the Office of Waste Management and Radiological Protection will recommend that the DEQ not approve the Amendment as written.

If you have any questions concerning this matter, please contact me at the telephone number below; via e-mail at millerc1@michigan.gov; or DEQ, P.O. Box 30241, Lansing, Michigan 48909-7741.

Sincerely,



Christina Miller
Sustainable Materials Management Unit
Solid Waste Section
Office of Waste Management and
Radiological Protection
517-284-6587

Enclosure

cc: Mr. Steve Sliver, DEQ
Ms. Rhonda Oyler, DEQ
Montmorency/Oscoda County File



GRAND TRAVERSE COUNTY
BOARD OF COMMISSIONERS

400 BOARDMAN AVENUE
TRAVERSE CITY, MI 49684-2577
(616) 922-4797 • FAX (616) 922-4427

COPY

August 31, 1999

Mr. Seth Phillips, Chief
Solid Waste Management Unit
Waste Management Division
Department of Environmental Quality
P O Box 30473
Lansing, MI 48909-7973

Dear Mr. Phillips:

As a follow up to your letter dated August 17, 1999, the Grand Traverse County Board of Commissioners respectfully requests the DEQ to issue your approval of the Grand Traverse County Solid Waste Management Plan.

Grand Traverse County Board of Commissioners met in regular session on August 25, 1999, and reviewed the two recommended changes to the Grand Traverse County Solid Waste Management Plan. The Board of Commissioners concurred with your recommendation of approving the two (2) changes as follows:

- (1) Insert into siting criterion H on Page III-48 the words "Active Work Area" and delete the words "and respective parcel(s)" so that the first sentence would read "No part of the active work area of the site is located within..."
- (2) Strike the reference to Whitewater Township's Landfill Disposal Areas Ordinance and provide statement of why DEQ cannot approve its enforcement.

Thank you for your attention to this request. If there is anything further you require, please contact Randy Smith, Solid Waste Coordinator at 231/922-4576 or myself.

Sincerely,

Richard A. Crowe, Chair
Board of Commissioners
Grand Traverse County

Enclosure: Copy of 8/25/99 Board Minutes

cc: Randy Smith, SW Coordinator



RECYCLED PAPER



Northeast Michigan
Council of Governments

PO Box 457
80 Livingston Blvd Suite U-108
Gaylord, MI 49734

Voice: 989.705.3730
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June 13, 2013

Christina Miller
Solid Waste Planning, Reporting and Surcharge Coordinator
Office of Waste Management and Radiological Protection
Department of Environmental Quality
Constitution Hall, Atrium North
525 West Allegan
Lansing, MI 48933

Dear Christina,

Please find enclosed the amendment to the Montmorency Oscoda Counties Solids Waste Management Plan of 1999. Amended pages and documentation of the planning process is enclosed.

As always, please feel free to contact me with any questions or concerns that you may have.

Sincerely,

Diane Rekowski
Executive Director

Regional
Cooperation
Since
1968

RECEIVED
JUN 17 2013
DEQ-RMD

Alcona * Alpena * Cheboygan * Crawford * Emmet * Montmorency * Oscoda * Otsego * Presque Isle

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Employer

**2013 SOLID WASTE PLAN AMENDMENT
TO THE
MONTMORENCY COUNTY AND OSCODA COUNTY SOLID WASTE
MANAGEMENT PLAN**

June 12, 2013

The purpose of the amendment is to include and authorize automatic consistency of the Advantis Renewable Energy, LLC Waste-to Energy Facility and Processing Plant to the Montmorency County and Oscoda County Joint Solid Waste Management Plan of 1999. In addition, Big Creek Township Type B Transfer Station was corrected to McGregor Transfer Station, and Luzerne Express Type B Transfer Stations was added to the Plan. The sections amended are as follows:

- Page 10 Data Base: Solid Waste Disposal Areas
 Add Advantis Renewable Energy, LLC Waste-to-Energy Facility and Processing Plant to descriptive narrative and map.
- Page 11A Data Base- Facility Descriptions
 Add Advantis Renewable Energy, LLC Waste-to-Energy Facility and Processing Plant to Inventory of Facility Descriptions and map.
- Page 20 Facility Description: Change of Name from Big Creek Township to McGregor Type B Transfer station.
- Page 20A Facility Description: Add: Luzerne Express Type B Transfer Station.
- Page 35 Selected System: Future Import Volume Authorizations
 Add amended page to include all counties on page 34 and add Advantis Renewable energy, LLC Waste -to-Energy Facility and Processing Plant as facility name.
- Page 38 Selected System
 Change Big Creek Township Transfer Facility to McGregor Type B Transfer Facility; Add: Luzerne Express Type B Transfer Station; add Advantis Renewable Energy, LLC Waste-to-Energy Facility and Processing Plant to *Other*.
- Page 39A Selected System: Facility Description: Add: Advantis Renewable Energy, LLC Waste-to Energy Facility and Processing Plant.
- Page 47 Selected System: Facility Descriptions: Change Big Creek Township Type B Transfer to McGregor Transfer Station.
- Page 47A Selected System: Add: Luzerne Express Type B Transfer Station.

Page 64 Siting Review Procedures
Add section on: Facilities Included in Plan: Add Advantis Renewable Energy, LLC., Waste-to Energy Facility and Processing Plant, and MOASWMA Type II Sanitary Landfill.

Page 67/68 Energy Production: Add: Add Advantis Renewable Energy, LLC., Waste-to Energy Facility and Processing Plant.

Revised pages and amended map of solid waste facilities and disposal areas are attached.

ATTACHMENTS

DATA BASE-SOLID WASTE DISPOSAL AREAS

Inventory and description of all solid waste disposal areas within the County or to be utilized by the County to meet its disposal needs for the planning period.

Solid waste generated in Montmorency or Oscoda Counties is disposed of at the Montmorency-Oscoda-Alpena Sanitary(MOASWMA) Landfill in Montmorency County.

Advantis Renewable Energy, LLC Waste-to- Energy and Processing Plant, to be located at the landfill site will process all solid waste received at the landfill and separate for recycling glass and metals. All other combustible solid waste will be gasified in the waste-to -energy facility.

Contingency disposal has been and will continue to be at the Waste Management Inc. Landfill in Waters, Michigan. The Elk Run Landfill located outside Onaway in Presque Isle County, has not been utilized by the counties and will not be used as a disposal site in the next planning period.

Type B transfer stations are to be utilized by many of the townships in the counties and are located in the following townships: Albert, Montmorency, Clinton, Comins, Elmer, Greenwood; privately owned: Luzerne Express Transfer Station, and McGregor's Transfer Site (formerly Big Creek Township transfer station).

See Attachment C for a map showing the location of transfer stations, disposal sites and relative distances to disposal sites.

FACILITY DESCRIPTIONS

Facility Type: Waste-to-Energy Facility, Processing Plant

Facility Name: Advantis Renewable Energy, LLC

County: Montmorency Location Town: 26N Range: 3E Section(s): 6

Map identifying location included in Attachment Section: Yes

If facility is an Incinerator or a Transfer Station, list the final disposal site and location for Incinerator ash or Transfer Station wastes: Montmorency-Oscoda-Alpena Sanitary Landfill

Owner: Recovered Energy Resources, Inc.

Operating Status (check) Waste Types Received (check all that apply)

- | | |
|------------------------------------|-----------------------------|
| Open | X Residential |
| Closed | X Commercial |
| Licensed | X Industrial |
| X Unlicensed ¹ | X Construction & demolition |
| X Construction permit ¹ | Contaminated soils |
| Open, closure pending | Special wastes * |
| | Other: |

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

Site Size:

Total area of facility property:	80	acres
Total area sited for use:	20	acres*
Total area permitted:	80	acres
Operating:	3-4	acres
Not excavated:	37-40	acres

Current capacity:	3,500,000	yds
Estimated lifetime:	30	years
Estimated days open per year:	310	days
Estimated yearly disposal volume:	145,000	yds ³

Annual energy production:

Landfill gas recovery projects:		Will be adding recovery in the future
Waste-to-energy incinerators:	4.6	megawatts*

*Nameplate capacity of facility under development

¹ Currently in process of obtaining permits to construct

FACILITY DESCRIPTIONS

Facility Type: Type B Transfer Station

Facility Name: McGregor's Transfer Site

County: Oscoda

Location Town: 26N

Range: 2 E

Section(s): 15

Map identifying location included in Attachment Section: Yes

If facility is an Incinerator or a Transfer Station, list the final disposal site and location for Incinerator ash or Transfer Station wastes: Montmorency-Oscoda-Alpena Sanitary Landfill

Owner: McGregor's

Operating Status (check) Waste Types Received (check all that apply)

- | | |
|--|--|
| <input checked="" type="checkbox"/> open
<input type="checkbox"/> closed
<input checked="" type="checkbox"/> licensed
<input type="checkbox"/> unlicensed
<input type="checkbox"/> construction permit
<input type="checkbox"/> open, closure pending | <input checked="" type="checkbox"/> residential
<input type="checkbox"/> commercial
<input type="checkbox"/> industrial
<input type="checkbox"/> construction & demolition
<input type="checkbox"/> contaminated soils
<input type="checkbox"/> special wastes *
<input type="checkbox"/> other: |
|--|--|

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

Site Size:

Total area of facility property:	acres
Total area sited for use:	acres
Total area permitted:	acres
Operating:	acres
Not excavated:	acres

Current capacity:	yds3
Estimated lifetime:	years
Estimated days open per year:	days
Estimated yearly disposal volume:	yds3

Annual energy production:	
Landfill gas recovery projects:	megawatts
Waste-to-energy incinerators:	megawatts

FACILITY DESCRIPTIONS

Facility Type: Type B Transfer Station
Facility Name: Luzerne Express Transfer Station

County: Oscoda Location Town: 26N Range: 1 E Section(s): 26

Map identifying location included in Attachment Section: Yes ...

If facility is an Incinerator or a Transfer Station, list the final disposal site and location for Incinerator ash or Transfer Station wastes: Montmorency-Oscoda-Alpena Sanitary Landfill

Owner: Mark Pattullo, PO Box 143, Luzerne, MI 48636

Operating Status (check) Waste Types Received (check all that apply)

- | | |
|--|--|
| <input checked="" type="checkbox"/> open | <input checked="" type="checkbox"/> residential |
| <input type="checkbox"/> closed | <input type="checkbox"/> commercial |
| <input checked="" type="checkbox"/> licensed | <input type="checkbox"/> industrial |
| <input type="checkbox"/> unlicensed | <input type="checkbox"/> construction & demolition |
| <input type="checkbox"/> construction permit | <input type="checkbox"/> contaminated soils |
| <input type="checkbox"/> open, closure pending | <input type="checkbox"/> special wastes * |
| | <input type="checkbox"/> other: |

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

Site Size:

Total area of facility property: acres
Total area sited for use: acres
Total area permitted: acres
 Operating: acres
 Not excavated: acres

Current capacity: yds³
Estimated lifetime: years
Estimated days open per year: days
Estimated yearly disposal volume: yds³

Annual energy production:
 Landfill gas recovery projects: megawatts
 Waste-to-energy incinerators: megawatts

SELECTED SYSTEM

If a new solid waste disposal area is constructed and operating in the future in the County, then disposal of solid waste generated by the EXPORTING COUNTY is authorized by the IMPORTING COUNTY up to the AUTHORIZED QUANTITY according to the AUTHORIZED CONDITIONS in Table 1-B.

Table 1-B

FUTURE IMPORT VOLUME AUTHORIZATION OF SOLID WASTE
CONTINGENT ON NEW FACILITIES BEING SITED

Importing County	Exporting County	Facility Name ¹	Authorized Quantity/Daily	Authorized Quantity/Annual	Authorized Conditions ²
Montmorency*	Alpena	Advantis**	100 %	100 %	P
Montmorency	Montmorency	Advantis	100 %	100 %	P
Montmorency	Oscoda	Advantis	100 %	100 %	P
Montmorency	Emmet	Advantis	*	*	P, C
Montmorency	Cheboygan	Advantis	*	*	P, C
Montmorency	Presque Isle	Advantis	*	*	P, C
Montmorency	Alcona	Advantis	*	*	P, C
Montmorency	Iosco	Advantis	*	*	P, C
Montmorency	Ogemaw	Advantis	*	*	P, C
Montmorency	Roscommon	Advantis	*	*	P, C
Montmorency	Crawford	Advantis	*	*	P, C
Montmorency	Otsego	Advantis	*	*	P, C
Montmorency	Kalkaska	Advantis	*	*	P, C
Montmorency	Grand Traverse	Advantis	*	*	P, C
Montmorency	Benzie	Advantis	*	*	P, C
Montmorency	Leelenau	Advantis	*	*	P, C
Montmorency	Antrim	Advantis	*	*	P, C
Montmorency	Charlevoix	Advantis	*	*	P, C
Montmorency	Schoolcraft	Advantis	*	*	P, C

* The MOASWMA reserves the right to establish waste hauler allocations into the landfill.

** Advantis Renewable Energy, LLC., Waste-to Energy and Processing Plant.

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

2 Authorization indicated by P = Primary Disposal; C = Contingency Disposal; * = Other conditions exist and detailed explanation is included in the Attachment Section.

SELECTED SYSTEM

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 III-7-1 through III-7-5 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:

Montmorency-Oscoda-Alpena Sanitary Landfill

Waste Management, Inc Landfill in Waters, MI
(Contingency Only)

Type III Landfill:

Incinerator:

Waste-to-Energy Incinerator:

Type A Transfer Facility:

Type B Transfer Facility:

Albert Township
Montmorency Township
Clinton Township
Comins Township
Greenwood Township
Luzerne Express Transfer
McGregor Transfer
Elmer Township

Processing Plant:

Proposed (multi-county) Material
Recovery Facility in Alpena County

Waste Piles:

Other:

Advantis Renewable Energy, LLC.
Waste-to-Energy and Processing Plant

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.

SELECTED SYSTEM

FACILITY DESCRIPTIONS

Facility Type: Waste-to-Energy Facility, Processing Plant

Facility Name: Advantis Renewable Energy, LLC

County: Montmorency Location: Town: 29N Range: 3E Section(s): 6

Map identifying location included is Attachment Section: Yes

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

Owner: Recovered Energy Resources, Inc.

<u>Operating Status (check)</u>	<u>Waste Types Received (check all that apply)</u>
Open	X Residential
Closed	X Commerical
Licensed	X Industrial
X Unlicensed ¹	X Construction and Demolition
X Construction Permit ¹	Contaminated Soils
Open, Closure Pending	Special Wastes *
	Other:

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

Site Size:

Total area of facility property:	80	acres
Total area sited for use:	20	acres*
Total area permitted:	80	acres
Operating	3-4	acres
Not excavated	37-40	acres

* Of the 37-40 acres not excavated 20 acres designated for waste-to-energy facility

Current capacity	3,500,000 yd ³
Estimated lifetime	30 years
Estimated days open per year	310 days
Estimated yearly disposal volume	145,000 yd ³

(if applicable)

Annual energy production:

 Landfill gas recovery projects: Will be adding recovery in the future

 Waste-to-energy incinerators: 4.6MW*

* Nameplate capacity of facility under development

¹ Currently in process of obtaining permits to construct

FACILITY DESCRIPTIONS

Facility Type: Type B Transfer Station

Facility Name: McGregor's Transfer Site

County: Oscoda

Location Town: 26N

Range: 2 E

Section(s): 15

Map identifying location included in Attachment Section: Yes

If facility is an Incinerator or a Transfer Station, list the final disposal site and location for Incinerator ash or Transfer Station wastes: Montmorency-Oscoda-Alpena Sanitary Landfill

Owner: McGregor's

Operating Status (check) Waste Types Received (check all that apply)

- | | |
|--|--|
| <input checked="" type="checkbox"/> open | <input checked="" type="checkbox"/> residential |
| <input type="checkbox"/> closed | <input type="checkbox"/> commercial |
| <input checked="" type="checkbox"/> licensed | <input type="checkbox"/> industrial |
| <input type="checkbox"/> unlicensed | <input type="checkbox"/> construction & demolition |
| <input type="checkbox"/> construction permit | <input type="checkbox"/> contaminated soils |
| <input type="checkbox"/> open, closure pending | <input type="checkbox"/> special wastes * |
| | <input type="checkbox"/> other: |

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

Site Size:

Total area of facility property:	acres
Total area sited for use:	acres
Total area permitted:	acres
Operating:	acres
Not excavated:	acres

Current capacity:	yds ³
Estimated lifetime:	years
Estimated days open per year:	days
Estimated yearly disposal volume:	yds ³

Annual energy production:

Landfill gas recovery projects:	megawatts
Waste-to-energy incinerators:	megawatts

FACILITY DESCRIPTIONS

Facility Type: Type B Transfer Station

Facility Name: Luzerne Express Transfer Station

County: Oscoda

Location Town: 26N

Range: 1 E

Section(s): 26

Map identifying location included in Attachment Section: Yes

If facility is an Incinerator or a Transfer Station, list the final disposal site and location for Incinerator ash or Transfer Station wastes: Montmorency-Oscoda-Alpena Sanitary Landfill

Owner: Mark Pattullo, PO Box 143, Luzerne, MI 48636

Operating Status (check) Waste Types Received (check all that apply)

- | | |
|--|--|
| <input checked="" type="checkbox"/> open | <input checked="" type="checkbox"/> residential |
| <input type="checkbox"/> closed | <input type="checkbox"/> commercial |
| <input checked="" type="checkbox"/> licensed | <input type="checkbox"/> industrial |
| <input type="checkbox"/> unlicensed | <input type="checkbox"/> construction & demolition |
| <input type="checkbox"/> construction permit | <input type="checkbox"/> contaminated soils |
| <input type="checkbox"/> open, closure pending | <input type="checkbox"/> special wastes * |
| | <input type="checkbox"/> other: |

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

Site Size:

Total area of facility property: acres
Total area sited for use: acres
Total area permitted: acres
 Operating: acres
 Not excavated: acres

Current capacity: yds³
Estimated lifetime: years
Estimated days open per year: days
Estimated yearly disposal volume: yds³

Annual energy production:
 Landfill gas recovery projects: megawatts
 Waste-to-energy incinerators: megawatts

SITING REVIEW PROCEDURES

AUTHORIZED DISPOSAL AREA TYPES

Montmorency-Oscoda-Alpena Sanitary Landfill
Advantis Renewable Energy, LLC Waste-to-Energy and Processing Plant

The following solid waste disposal area types may not be sited by this Plan. Any proposal to construct a facility listed herein shall be deemed inconsistent with this Plan.

Type II Sanitary Landfill may not be sited by this Plan. Any and all expansions of the MOASL are consistent with this plan.

Type III landfills may not be sited by this Plan.

Type A Transfer Stations may not be sited by this Plan.

SITING CRITERIA AND PROCESS

The following process describes the criteria and procedures to be used to site solid waste disposal facilities and determine consistency with this Plan.

Not Applicable. Montmorency and Oscoda Counties have more than ten years of capacity available for solid waste disposal. Montmorency-Oscoda-Alpena Sanitary Landfill, the primary solid waste disposal facility, has a current capacity of 3,500,00 yds³ and an estimated lifetime of 30 years. Additionally, the contingency disposal facility, Waste Management, Inc. Landfill in Waters, has a current capacity of 8.2 million yds³ and an estimated lifetime of more than 20 years. Documentation that Montmorency and Oscoda Counties have access to the disposal capacity at the Montmorency-Oscoda-Alpena Sanitary Landfill and the Waste Management, Inc. Landfill in Waters is contained in Attachment B.

SELECTED SYSTEM

IDENTIFICATION OF RESPONSIBLE PARTIES

Document which entities within the County will have management responsibilities over the following areas of the Plan.

Resource Conservation:

Source or Waste Reduction -

Will achieve through educational activities in partnership with local organizations.

Product Reuse -

Will achieve through educational activities in partnership with local organizations.

Reduced Material Volume -

Will achieve through educational activities in partnership with local organizations.

Increased Product Lifetime -

Will achieve through educational activities in partnership with local organizations.

Decreased Consumption -

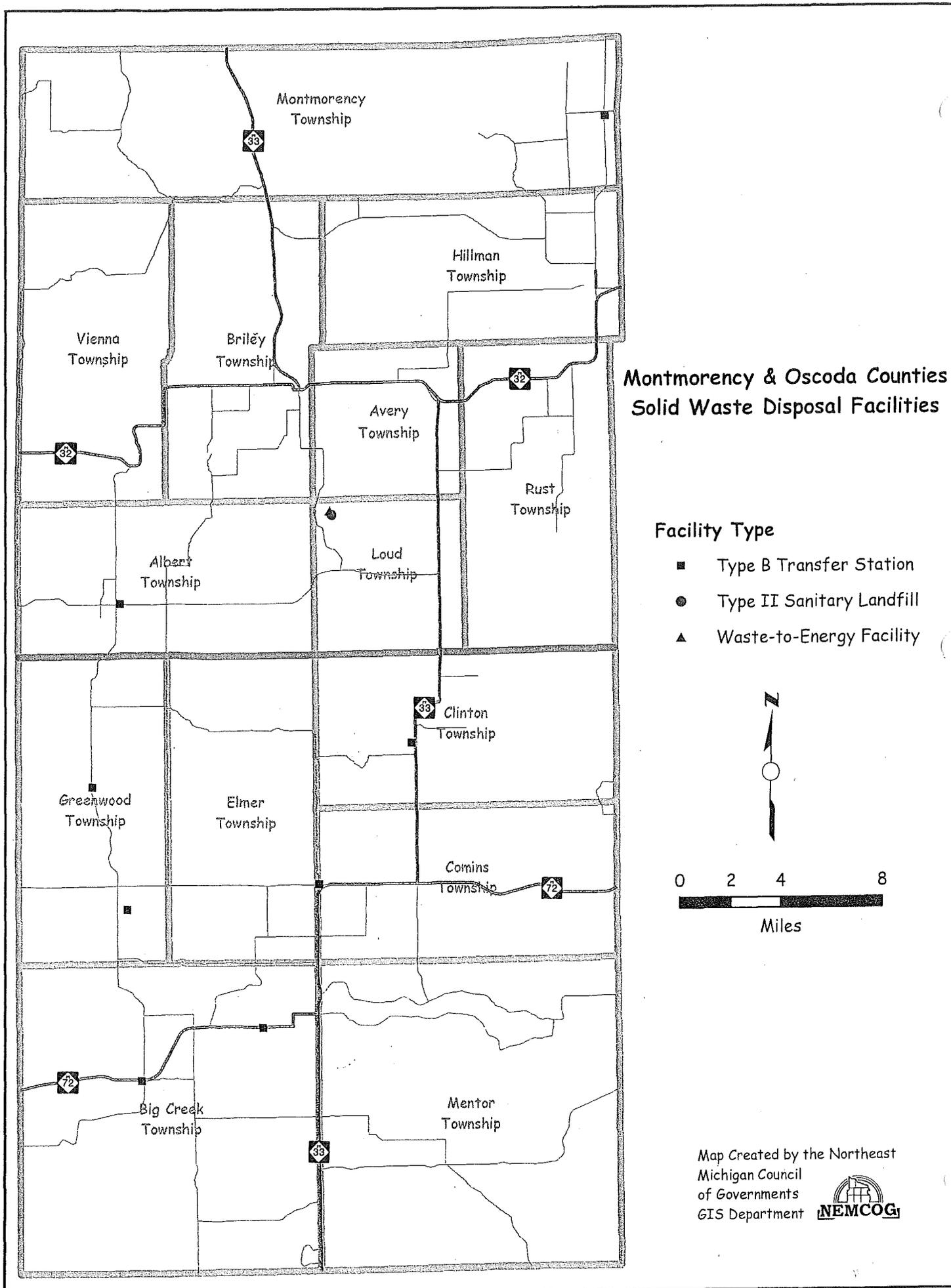
Will achieve through educational activities in partnership with local organizations.

Resource Recovery Programs:

Composting –

MOASL Authority

Albert Township



**Montmorency & Oscoda Counties
Solid Waste Disposal Facilities**

Facility Type

- Type B Transfer Station
- Type II Sanitary Landfill
- ▲ Waste-to-Energy Facility



Map Created by the Northeast
Michigan Council
of Governments
GIS Department **NEMCOG**