



RICK SNYDER  
GOVERNOR

STATE OF MICHIGAN  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
LANSING



DAN WYANT  
DIRECTOR

June 17, 2014

Mr. Dan Siirila, Chairperson  
Gogebic County Board of Commissioners  
200 North Moore Street  
Bessemer, Michigan 49911

Dear Mr. Siirila:

The locally approved amendment to the Gogebic County Solid Waste Management Plan (Plan Amendment) received by the Department of Environmental Quality (DEQ) on February 27, 2014, is hereby approved with modifications. The Plan Amendment required a modification that was sent to the Gogebic County Designated Planning Agency Contact, Mr. Kim J. Stoker on May 16, 2014. The approval of the modification dated, May 28, 2014, was received from Gogebic County.

Based upon the intent of the County, the following was a modification that was made to the Plan Amendment:

The columns in [Table 2-A](#) shall be switched to the following; Exporting County column identifies "Gogebic" and the Importing County column identifies "All Michigan Counties." Please see the updated table below:

TABLE 2-A  
CURRENT EXPORT VOLUME AUTHORIZATION OF SOLID WASTE

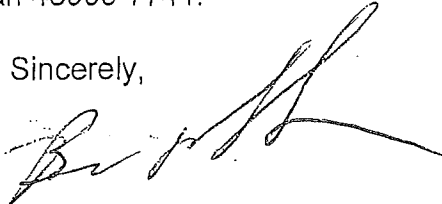
EXPORTING COUNTY	IMPORTING COUNTY	FACILITY NAME <sup>1</sup>	AUTHORIZED QUANTITY/DAY	AUTHORIZED QUANTITY/ANNUAL	AUTHORIZED CONDITIONS <sup>2</sup>
Gogebic	All Michigan Counties	N/A	N/A	N/A	P

The Plan Amendment also makes the following change:

- Updates the Current Import Volume Authorization of Solid Waste Table 1-A to include all Michigan counties.

The DEQ would like to thank Gogebic County 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,

A handwritten signature in black ink, appearing to read 'Bryce Feighner', written over a horizontal line.

Bryce Feighner, P.E., Chief  
Office of Waste Management and  
Radiological Protection  
517-284-6551

cc: Senator Tom Casperson  
Representative Scott Dianda  
Mr. Kim Stoker, Western Upper Peninsula Planning & Development Commission  
Mr. Dan Wyant, Director, DEQ  
Mr. Jim Sygo, Deputy Director, DEQ  
Ms. Maggie Datema, Legislative Affairs, DEQ  
Mr. Phil Roycraft/Ms. Carolyn St Cyr, DEQ  
Ms. Rhonda S. Oyer, DEQ  
Mr. Steve Sliver/Ms. Christina Miller, DEQ\Gogebic County File



RICK SNYDER  
GOVERNOR

STATE OF MICHIGAN  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
LANSING



DAN WYANT  
DIRECTOR

May 16, 2014

Mr. Kim Stoker, Executive Director  
Western Upper Peninsula Planning & Development Region  
P.O. Box 365  
Houghton, Michigan 49931

Dear Mr. Stoker:

SUBJECT: Gogebic County Solid Waste Management Plan Amendment

This letter is a follow-up a conversation May 13, 2014, with Ms. Amy Spahn, Western Upper Peninsula Planning & Development Region, regarding clarifying the intent of the Gogebic County (County) Solid Waste Management Plan Amendment (Amendment). In order for the Department of Environmental Quality (DEQ) to recommend approval and to acknowledge the intent of the County, the following modification to the Amendment needs to be made:

Page III-6, Table 2-A, Current Export Volume Authorization of Solid Waste, it was the intent of the County to allow waste to be exported to all Michigan counties on a primary basis. However, the export authorizations identified were mistakenly switched, stating that "Gogebic" was the importing county and "All Michigan Counties" were the exporting counties; stating the same authorization as identified in the Table 1-A, Current Import Volume Authorization of Solid Waste.

Based upon the intent of the County, the columns in Table 2-A should be switched to the following; Exporting County column should identify "Gogebic" and the Importing County column in should identify "All Michigan Counties." Please see the updated table below:

TABLE 2-A  
CURRENT EXPORT VOLUME AUTHORIZATION OF SOLID WASTE

EXPORTING COUNTY	IMPORTING COUNTY	FACILITY NAME <sup>1</sup>	AUTHORIZED QUANTITY/DAY	AUTHORIZED QUANTITY/ANNUAL	AUTHORIZED CONDITIONS <sup>2</sup>
Gogebic	All Michigan Counties	N/A	N/A	N/A	P

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 does not achieve the intent of the County without the modification 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](mailto: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 Oyer, DEQ  
Gogebic 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

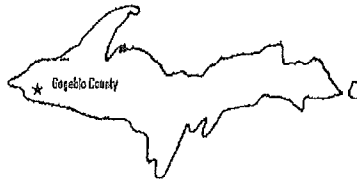
cc: Randy Smith, SW Coordinator



RECYCLED PAPER

**JULIANE M. GIACKINO**  
ADMINISTRATOR

**AMANDA L. PARKER**  
CONFIDENTIAL SECRETARY



THOMAS F. GEROVAC - CHAIRMAN  
JOSEPH BONOVIETZ - VICE CHAIRMAN  
LEROY KANGAS  
TOM LAABS  
JAMES OLIVER  
BOB ORLICH  
GEORGE R. PETERSON III

**May 28, 2014**

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

Dear Ms. Miller:

As a follow up to your letter dated May 16, 2014, the Gogebic County Board of Commissioners respectfully requests the Department of Environmental Quality (DEQ) to issue your approval of the Gogebic County Solid Waste Management Plan Amendment.

Gogebic County Board of Commissioners met in regular session on **May 28, 2014** and reviewed the recommended change to the Gogebic County Solid Waste Management Plan Amendment. The Board of Commissioners concurred with your recommendation of approving the change as follows:

- Switch the columns in Table 2-A to the following: Exporting County column to identify "Gogebic" and the Importing County column to identify "All Michigan Counties".

Thank you for your attention to this request.

Sincerely,

**Joe Bonovetz, Vice-Chair**  
Gogebic County Board of Commissioners



RICK SNYDER  
GOVERNOR

STATE OF MICHIGAN  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
LANSING



DAN WYANT  
DIRECTOR

June 17, 2014

Mr. Dan Siirila, Chairperson  
Gogebic County Board of Commissioners  
200 North Moore Street  
Bessemer, Michigan 49911

Dear Mr. Siirila:

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The columns in Table 2-A shall be switched to the following; Exporting County column identifies "Gogebic" and the Importing County column in identifies "All Michigan Counties." Please see the updated table below:

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CURRENT EXPORT VOLUME AUTHORIZATION OF SOLID WASTE

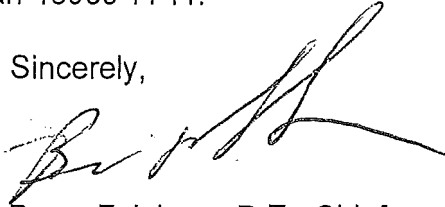
EXPORTING COUNTY	IMPORTING COUNTY	FACILITY NAME <sup>1</sup>	AUTHORIZED QUANTITY/DAY	AUTHORIZED QUANTITY/ANNUAL	AUTHORIZED CONDITIONS <sup>2</sup>
Gogebic	All Michigan Counties	N/A	N/A	N/A	P

The Plan Amendment also makes the following change:

- Updates the Current Import Volume Authorization of Solid Waste Table 1-A to include all Michigan counties.

The DEQ would like to thank Gogebic County 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,

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Bryce Feighner, P.E., Chief  
Office of Waste Management and  
Radiological Protection  
517-284-6551

cc: Senator Tom Casperson  
Representative Scott Dianda  
Mr. Kim Stoker, Western Upper Peninsula Planning & Development Commission  
Mr. Dan Wyant, Director, DEQ  
Mr. Jim Sygo, Deputy Director, DEQ  
Ms. Maggie Datema, Legislative Affairs, DEQ  
Mr. Phil Roycraft/Ms. Carolyn St Cyr, DEQ  
Ms. Rhonda S. Oyer, DEQ  
Mr. Steve Sliver/Ms. Christina Miller, DEQ\Gogebic County File





**Western Upper Peninsula  
Planning & Development Regional Commission**

P.O. BOX 365 • HOUGHTON, MICHIGAN 49931  
906-482-7205 • FAX 906-482-9032 • e-mail: info@wuppdr.org

February 24, 2014

Ms. Christina Miller  
Solid Waste Planning, Reporting and Surcharge Coordinator  
Office of Waste Management and Radiological Protection  
Department of Environmental Quality  
Constitution Hall  
4 South  
525 West Allegan  
P.O. Box 30241  
Lansing, MI 48933

RE: Gogebic County Solid Waste Management Plan Amendment

Dear Ms. Miller,

The current import and export volume authorizations require all municipal waste to be disposed of at the K & W Landfill in Greenland. The approved amendment would allow Gogebic County to accept waste from all Michigan Counties and export waste to all Michigan Counties.

Attachment 1 – Current import and export volume authorizations.

Attachment 2 – Proposed import and export volume authorizations.

Attachment 3 – Signed and approved minutes from the August 6, 2013 Gogebic County Solid Waste Planning Committee meeting. The Committee discussed and approved amending import and export authorization in the Gogebic County Solid Waste Management Plan.

Signed and approved minutes from the August 27, 2013 Committee meeting. The Committee approved to make the plan amendment available to the public for the 90 day public comment period.

Public Review Notice and the only public comment received during the period from the Department of Environmental Quality.

**RECEIVED**

**FEB 27 2014**

**DEQ-RMD**

Ms. Christina Miller  
February 24, 2014  
Page 2 of 2

Attachment 4 – Signed and approved minutes from the December 10, 2013 Committee meeting. The Committee approved the changes to the plan amendment. The Committee approved sending the plan amendment to the Gogebic County Board of Commissioners for County approval. After approved by the County, to all municipalities in the county for 67% approval.

Attachment 5 - Resolution from the Gogebic County Board of Commissioners passed on December 12, 2013 approving the amendment to the Gogebic County Solid Waste Management Plan.

Attachment 6 – Public Hearing Notice published on November 1, 2013 in The Daily Globe announcing a public hearing held on December 2, 2013 to receive comments on the proposed amendment to the Solid Waste Management Plan.

Attachment 7 - Minutes from the Public Hearing on December 2, 2013. No public appearances.

Attachment 8 – Signed resolutions from 100% of the municipalities in Gogebic County approving the Gogebic County Solid Waste Management Plan amendment.

Attachment 9 – List of the Gogebic County Solid Waste Planning Committee members.

Please contact me at 906-482-7205, ext. 316 or by email at [kstoker@wupppdr.org](mailto:kstoker@wupppdr.org) if you have any questions. Thank you.

Sincerely,



Kim J. Stoker  
Executive Director

Attachments

cc: Chris Ann Bressette , Gogebic Range Solid Waste Management Authority  
Juliane Giackino, Gogebic County Administrator

## 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 NAME <sup>1</sup>	AUTHORIZED QUANTITY/DAY	AUTHORIZED QUANTITY/ANNUAL	AUTHORIZED CONDITIONS <sup>2</sup>
N/A					

\_\_\_\_ 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.

## 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** 

RETURN TO  
AMENDMENT  
LETTER

### CURRENT EXPORT VOLUME AUTHORIZATION OF SOLID WASTE

EXPORTING COUNTY	IMPORTING COUNTY	FACILITY NAME <sup>1</sup>	AUTHORIZED QUANTITY/DAY	AUTHORIZED QUANTITY/ANNUAL	AUTHORIZED CONDITIONS <sup>2</sup>
Gogebic	Ontonagon	K & W Landfill		All - Types II & III	P
Gogebic	Menominee	Michigan Environs			C
Gogebic	Alger	Wood Island			C

\_\_\_\_ 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 on pages III-2 and III-3.

# Proposed Changes to Gogebic County Solid Waste Plan (December 2013)

## Change #1

### 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 NAME <sup>1</sup>	AUTHORIZED QUANTITY/DAILY	AUTHORIZED QUANTITY/ANNUAL	AUTHORIZED CONDITIONS <sup>2</sup>
GOGEBIC	All Michigan Counties		100 Percent	100 Percent	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.

# Proposed Changes to Gogebic County Solid Waste Plan (December 2013)

## Change #2

### 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 2A 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/DAY	AUTHORIZED QUANTITY/ANNUAL	AUTHORIZED CONDITIONS <sup>2</sup>
All Michigan Counties	Gogebic		100 Percent	100 Percent	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.

GOGEBIC COUNTY SOLID WASTE PLANNING COMMITTEE MEETING

Tuesday, August 6, 2013

Gogebic County Courthouse – District Court Room  
Bessemer

4:00 PM (CDT)

Members Present

Mandy Lake, Wakefield Township  
Jeff Buechner, J B Disposal  
Greg Johns, K & W Landfill  
John Siira, Wakefield City Manager  
Mark Bowman, Gogebic/Iron Waste Water Manager  
Alan Baron, Ironwood Township Trustee  
Jeff Randall, Gogebic solid Waste Manage Authority  
Chris Kortemeier, Whitetail Unlimited  
Richard Bouvette, Ducks Unlimited  
Mike Rogers, Watersmeet Township Supervisor  
Dennis Jacobson, Gogebic Cnty. Board of Commissioners  
Kim Stoker, WUPPDR

Members Absent

William Sullivan, Erwin Township Supervisor  
Scott Erickson, Ironwood City Manager

Others Present

Chris Ann Bressette, Gogebic/Range Solid Waste

CALL TO ORDER

The meeting was called to order at 4:00 PM (CDT) by Kim Stoker. He said the committee consists of 14 members, appointed by the Gogebic County Board at their regular meeting held on July 10, 2013. WUPPDR serves as the designated Planning Agency for Gogebic County's Solid Waste Management Plan. There are no funds for updating of solid waste plans and WUPPDR is under contract with the Gogebic Range Solid Waste Authority. Up to \$2500 to amend plan. 67% approval needed from municipalities to pass.

Stoker said the committee was formed to amend a portion of the 1999 Solid Waste Plan, specifically flow control.

APPROVAL OF AGENDA

Moved by Rogers and supported by Randall to approve the agenda as presented. Motion carried.

## PUBLIC APPEARANCES

None

## ELECT CHAIRMAN

Nominations for Chairman were opened, moved by Siira, supported by Johns that Kim Stoker be nominated as Chairman. There being no other nominations, motion was moved by Siira, seconded by Johns. Motion carried.

## Plan Amendment Discussion

Stoker said only two pages of the solid waste plan needed to be amended (Pages III-4 and III-6). In the original plan, the State required that a primary disposal area be named and that was K & W Landfill in Ontonagon County. A contingency disposal was listed as Michigan Environ landfill in Menominee (owned by Waste Management). He asked if any of the members were against having waste going to any licensed facility that has a reciprocal agreement.

Jeff Randall said the 2000 plan states that the landfill only has 11 more years to operate. Johns said the license is 18-20 years. Private enterprise must submit to the MDNR how much tonnage is taken each year and how much space is left. Stoker said the main goal of this amendment is to allow the transfer station to take its waste to any other licensed facility that has the same type of agreement to allow them to take that waste. A motion to amend the solid waste plan to change the 2 tables for the import and exporting purposes was moved by Jacobson, supported by Buechner. Motion carried.

## Next Steps

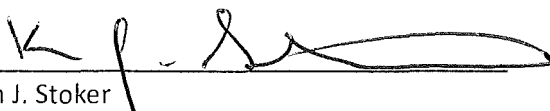
1. Approval from the Gogebic County Solid Waste Planning Committee to put the amendment out for 90 day public review comment period.
2. Advertise 90 public review & send to municipalities
3. Schedule public hearing 30 days prior to end of public comment
4. Committee meets to revise plan, if necessary, and approves to be sent to the Board of Commissioners.
5. Board of Commissioners approves amendment to go out to the municipalities (must have at least a 67% approval from the municipalities)
6. Send approved amendment to MDEQ

## Set Next Meeting Date

Tuesday, August 27, 2013 at 4:00 CDT.

## Adjourn

Moved by Jacobson, supported by Siira. Motion carried.

  
Kim J. Stoker



**GOGEBIC COUNTY  
SOLID WASTE PLANNING COMMITTEE MEETING**

Tuesday, August 6, 2013

Gogebic County Courthouse, District Court Room  
200 N. Moore, Bessemer, MI

4:00 PM (CDT)

Name		Representing
✓ Mandy Lake	yes	Wakefield Township
✓ Jeff Brecher	yes	SB Disposal
✓ Greg Johns	yes	Waste Management
✓ JOHN SIIRA	yes	CITY OF WAKEFIELD
✓ Mark Bowman	yes	Gogebic Iron Wastewater Authority
✓ ALAN BARON	yes	IRONWOOD TWP SUPERVISOR
✓ JEFF RANDALL	yes	BESS TWP. SUPERVISOR / (GRS) MHA
✓ Chris Kortencier	yes	Whitehills Unlimited
✓ Chir Ann Bursell		<sup>Gogebic Range Solid Waste</sup> None Authority
✓ Richard Bow-Hk	yes	Ducks Unlimited
✓ Mike Rogers	yes	WATERMEET Township
✓ Dan Kirk Jacobson	yes	Gogebic Cty Commissioner
Kim Stoker		Regional Planning Agency

William Sullivan - Eisen Township Supervisor  
 Rich Erickson - Ironwood City Manager

GOGEBIC COUNTY SOLID WASTE PLANNING COMMITTEE MEETING

Tuesday, August 27, 2013

Gogebic County Courthouse – District Court Room  
Bessemer

4:00 PM (CDT)

Members Present

Mandy Lake, Wakefield Township  
Greg Johns, K & W Landfill  
John Siira, Wakefield City Manager  
Mark Bowman, Gogebic/Iron Waste Water Manager  
Jeff Randall, Gogebic solid Waste Manage Authority  
Chris Kortemeier, Whitetail Unlimited  
Richard Bouvette, Ducks Unlimited  
Mike Rogers, Watersmeet Township Supervisor  
Kim Stoker, WUPPDR (via phone)

Members Absent

William Sullivan, Erwin Township Supervisor  
Scott Erickson, Ironwood City Manager  
Jeff Buechner, J B Disposal  
Alan Baron, Ironwood Township Trustee  
Dennis Jacobson, Gogebic Cnty. Comm. Board

Others Present

Chris Ann Bressette, Gogebic/Range Solid Waste

CALL TO ORDER

The meeting was called to order at 4:00 PM (CDT) by Kim Stoker. There were 9 members present to form a quorum.

APPROVAL OF AGENDA

Moved by Bouvette and supported by Rogers to approve the agenda as presented. Motion carried.

PUBLIC APPEARANCES

None

APPROVAL OF MINUTES

Moved by Bowman and supported by Bouvette to approve the minutes as presented. Motion carried.  
Stoker will put on file.

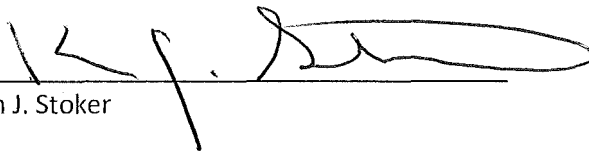
**NEW BUSINESS**

Randall motioned to make amendment available for 90 day public comment period, supported by Kortemeier. Motion carried.

Stoker said he will place an ad in the paper. He then asked if there were any questions. There were none.

**Adjourn**

Randall motioned to approve, supported by Bowman. Motion carried.

  
\_\_\_\_\_  
Kim J. Stoker

**GOGEBIC COUNTY  
SOLID WASTE PLANNING COMMITTEE MEETING**

Tuesday, August 27, 2013

Gogebic County Courthouse  
Conference Room

4:00 PM (CDT)

Name	Representing
Chris Ann Bressette	GRSWMA
Chris Kontemeier	whitetails unlimited
Richard Bouvette	Ducks Unlimited
Mark Bowman	Gogebic-Iron Wastewater Authority
Mike Rogers	WATERSHEET Township
Mandy Lake	Wakefield Township Clerk
Cory Gels	Waste management
JOHN SMITH	CITY OF WAKEFIELD
JEFF RANDALL	GRSWMA/BESS TWP.

# DAILY GLOBE

Daily Globe, Inc.

118 E. McLeod Avenue ~ Ironwood, MI 49938

906-932-2211 Fax 906-932-5358

\*\*\*PROOF OF PUBLICATION\*\*\*

STATE OF MICHIGAN - COUNTY OF GOGEBIC

Trish Roebuck

Trish Roebuck, being duly sworn says: I am the Legal Advertising Representative of The Daily Globe, a newspaper published and circulated in Gogebic and Ontonagon Counties. The Annexed is a printed copy of a notice which was published in said paper on the following date(s):

September 5, 2013

Subscribed and sworn to before me  
this 5<sup>th</sup> of September, 2013

Jennifer Louise Martilla

Jennifer Louise Martilla

Gogebic County, Acting in Gogebic County

My commission expires 09-19-2013

JENNIFER LOUISE MARTILLA  
Notary Public, State of Michigan  
County of Gogebic  
My commission expires Sept. 19, 2013  
Acting in the County of Gogebic

**IRONWOOD TOWNSHIP** — St. John's Lutheran Church will hold a pie social and bake sale Saturday from 10 a.m. to 2 p.m. at the church on Airport Road in Ironwood Township.

Attendees will receive coffee and dessert with a paid donation.

### **Community picnic planned**

**BESSEMER** — An area-wide community picnic is planned for Saturday from 10:30 a.m. to 2 p.m. at Bluff View Park in Bessemer.

The picnic includes free food and live music. Pavilion seating will be available.

"Bring family and friends, come celebrate the day with us and praise the Lord for his goodness," said Paul Porter, an organizer of the event. "Bring a dish to pass, or just bring yourselves and enjoy, or come to find new friends."

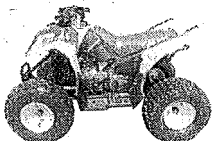
## **TRADES**

### **SPORTSMAN 500 HO 4X4**

Independent front & rear suspension, button, 2WD/AWD, only 800 miles, 1-owner trade, like new!

**SAVE \$4,599**

### **2003 POLARIS PREDATOR 90**



Auto., reverser, electric start,  
local trade, like new!!

**\$1,099**

## **MOTORSPORTS**

(U.S. 2) Ironwood, MI 49938

com

**906-932-1202**

## **POLICE THROWS IDIOT SIGN**

**CLEVELAND (AP)** — A man who threatened officers in Cleveland is making a court-ordered public apology by standing near a police station with a sign describing himself as an idiot.

A judge had ordered 58-year-old Richard Dameron to stand outside a local police station with a sign bearing an apology. He began the vigil Monday and

must stand outside for three hours each day for the rest of the week.

Dameron was convicted of threatening officers in 911 calls.

His public shaming isn't the first of its kind in the city. The Cleveland judge who sentenced Dameron previously made a woman wear an "idiot" sign in public for driving around a school bus.

## **GOGEBIC COUNTY**

### **SOLID WASTE MANAGEMENT PLAN AMENDMENT PUBLIC REVIEW PERIOD**

The Gogebic County Solid Waste Management Planning Committee is posting a proposed Amendment to the Solid Waste Management Plan for public review and comment beginning September 5, 2013. Copies of the proposed Amendment are available for review at the Gogebic County Clerk's office, the cities of Bessemer, Ironwood, and Wakefield, and at the Carnegie Public Library in Ironwood during regular business hours.

Please direct all public comments regarding the Amendment to Gogebic County Solid Waste Management Planning Committee, c/o Administrator's Office, 200 North Moore Street, Bessemer, MI 49911. At the end of the 90-day review period, comments will be compiled and reviewed. A public hearing will be held in the near future and the public will be notified by the publication of a notice in the paper, which states the date, time and location of the public hearing.

Notice of the end of the public review period will be posted a minimum of 30 days prior to the end of the review period. It is anticipated that the Solid Waste Management Planning Committee will identify this date in time to publish with the public hearing notice.

Kim J. Stoker, Chair  
Gogebic County Solid Waste  
Management Planning Committee



RICK SNYDER  
GOVERNOR

STATE OF MICHIGAN  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
LANSING



DAN WYANT  
DIRECTOR

December 3, 2013

Mr. Kim J. Stoker, Executive Director  
Western Upper Peninsula Planning &  
Development Commission  
P.O. Box 365  
Houghton, Michigan 49931

Dear Mr. Stoker:

SUBJECT: 2013 Gogebic County Solid Waste Management Plan Amendment

The Department of Environmental Quality (DEQ) received and reviewed the documentation provided by the Western Upper Peninsula Planning & Development Regional Commission on behalf of Gogebic County for the draft 2013 Gogebic County Solid Waste Management Plan (Plan) Amendment 90-day public comment period beginning September 5, 2013.

To avoid confusion it is recommended to make the following changes to both the Current Import and Export Volume Authorization of Solid Waste tables: Remove the "N/A" under the Facility Name column and leave it blank to imply that waste can be imported or exported to any facility. Replace the "N/A" under the Authorized Quantity/Daily and Authorized Quantity/Annual columns with 100 percent.

If you have any questions concerning this matter, please contact me at the telephone number below; via e-mail at [millerc1@michigan.gov](mailto: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

cc: Ms. Rhonda Oyer, DEQ  
Gogebic County File

GOGEBIC COUNTY SOLID WASTE PLANNING COMMITTEE MEETING

Tuesday, December 10, 2013

Gogebic County Courthouse – District Court Room  
Bessemer

4:00 PM (CST)

Members Present

Mandy Lake, Wakefield Township  
Bob Orlich, Gogebic County Comm. Board  
John Siira, Wakefield City Manager  
Mark Bowman, Gogebic/Iron Waste Water Manager  
Jeff Randall, Gogebic Solid Waste Manage Authority  
Chris Kortemeier, Whitetail Unlimited  
Richard Bouvette, Ducks Unlimited  
Scott Erickson, Ironwood City Manager  
Kim Stoker, WUPPDR (via phone)

Members Absent

William Sullivan, Erwin Township Supervisor  
Mike Rogers, Watersmeet Twp Supervisor  
Jeff Buechner, J B Disposal  
Alan Baron, Ironwood Township Trustee  
Greg Johns, K & W Landfill

Others Present

Chris Ann Bressette, Gogebic/Range Solid Waste  
Amy Spahn, WUPPDR (via phone)

CALL TO ORDER

The meeting was called to order at 4:05 PM (CST) by Kim Stoker. There were 9 members present to form a quorum.

APPROVAL OF AGENDA

Moved by Bouvette and supported by Randall to approve the agenda as presented. Motion carried.

PUBLIC APPEARANCES

None

APPROVAL OF MINUTES

Moved by Siira and supported by Randall to approve the August 27, 2013 minutes as presented. Motion carried. Stoker will sign and file the minutes.

APPROVAL OF CHANGES TO PLAN AMENDMENT

Siira motioned to approve the plan amendment changes as presented, supported by Bouvette. Motion carried.

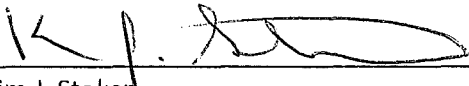


**APPROVAL TO SEND PLAN AMENDMENT TO COUNTY BOARD OF COMMISSIONERS**

Randall motioned to approve sending the plan amendment to the Gogebic County Board of Commissioners for County approval of the amendment and then to all municipalities in the county for a minimum 67% approval of the amendment, supported by Erickson. Motion carried.

**Adjourn**

Erickson motioned to adjourn, supported by Randall. Motion carried.

  
\_\_\_\_\_  
Kim J. Stoker



RICK SNYDER  
GOVERNOR

STATE OF MICHIGAN  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
LANSING



DAN WYANT  
DIRECTOR

December 3, 2013

Mr. Kim J. Stoker, Executive Director  
Western Upper Peninsula Planning &  
Development Commission  
P.O. Box 365  
Houghton, Michigan 49931

Dear Mr. Stoker:

SUBJECT: 2013 Gogebic County Solid Waste Management Plan Amendment

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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

cc: Ms. Rhonda Oyer, DEQ  
Gogebic County File

# Proposed Changes to Gogebic County Solid Waste Plan (December 2013)

## Change #1

### 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 NAME <sup>1</sup>	AUTHORIZED QUANTITY/DAILY	AUTHORIZED QUANTITY/ANNUAL	AUTHORIZED CONDITIONS <sup>2</sup>
GOGEBIC	All Michigan Counties		100 Percent	100 Percent	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.

## Proposed Changes to Gogebic County Solid Waste Plan (December 2013)

### Change #2

#### 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 2A 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/DAY	AUTHORIZED QUANTITY/ANNUAL	AUTHORIZED CONDITIONS <sup>2</sup>
All Michigan Counties	Gogebic		100 Percent	100 Percent	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.

## GOGEBIC COUNTY

Tuesday, December 10, 2013

Gogebic County Courthouse, Conference Room

200 N. Moore, Bessemer, MI

4:00 PM (CST)

[illegible]

**COUNTY OF GOGEBIC**  
**Board of Commissioners**

**Dan Siirila, Chairman**

200 NORTH MOORE STREET  
BESSEMER, MICHIGAN 49911  
CLERK (906) 663-4518  
FAX (906) 663-4660

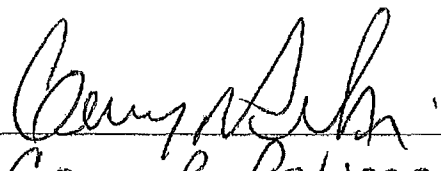
**GERRY R. PELISSERO**  
County Clerk-Register

**CHIEF DEPUTY**  
Mary Ahnen

Gogebic County Board of Commissioners  
Resolution 12/11/2013

At its regularly scheduled meeting on December 11, 2013, the Gogebic County Board approved the Amendment to the Gogebic County Solid Waste Management Plan. Said Amendment would allow the County to accept waste from all Michigan Counties and export waste to all Michigan Counties.

I hereby certify this to be a true copy of a resolution passed by the Gogebic County Board on December 11, 2013.

  
Gerry R. Pelissero  
12/13/13  
Clerk

GOGEBIC COUNTY BOARD OF COMMISSIONERS

Regular Meeting Minutes

December 11, 2013

County Courthouse

Bessemer, MI 49911

5:00 P.M.

CALL TO ORDER

The meeting was called to order at 5:00 p.m. by Chairman Siirila. Following the Pledge of Allegiance a moment of silence was observed in honor of District Five Commissioner Dennis Jacobson, who passed away on Sunday December 8<sup>th</sup>.

ROLL CALL:

Present: (6) Gerovac, Kangas, Oliver,  
Orlich, Peterson, Siirila

Absent: (0) None

APPROVAL OF THE MINUTES (November 27, 2013 regular meeting minutes)

A motion was made by Kangas, supported by Peterson and carried by unanimous voice vote to approve the minutes as presented.

APPROVAL OF AGENDA

A motion was made by Gerovac, supported by Peterson and carried by unanimous voice vote to approve the agenda as presented along with three additions: a solid waste resolution, the procedure to fill the vacancy in District Five and discussion on the Road Commission plowing policies.

CITIZENS WISHING TO ADDRESS THE COUNTY BOARD ON AGENDA ITEMS

(5 minute limit)

There was none.

COMMUNICATIONS:

1. Chris Holly, Account Supervisor, Michigan DNR  
(RE: Secure Rural Schools Act State payment)

A motion was made by Gerovac, supported by Kangas, to choose option #2, the State payment, with Title I allocated 85% and Title II allocated 15%.

ROLL CALL:

YES: (6) Gerovac, Kangas, Oliver,  
Orlich, Peterson, Siirila

NO: (0) None

Motion carried.

2. Janet Fox, Administrative Secretary, W.U.P. Health Dept.  
(RE: Letters to Legislators, public beach monitoring)

A motion was made by Oliver, supported by Peterson and carried by unanimous voice vote to send a letter of opposition to the funding of beach monitoring which eliminates funding for Gogebic County E.coli bacteria testing at our public beaches.

GOGEBIC COUNTY BOARD OF COMMISSIONERS  
Regular Meeting Minutes  
December 11, 2013  
Page Two

Agenda Additions:

3. Resolution to amend the Gogebic County Solid Waste Management plan

A motion was made by Kangas, supported by Oliver and carried by unanimous voice vote to approve the Amendment to the Gogebic County Solid Waste Management Plan. The amendment would allow the County to accept waste from all Michigan Counties and export waste to all Michigan Counties.

4. Procedure to fill Commissioner District five vacancy

Clerk Gerry R. Pelissero informed the Board on the election law that must be followed to fill the vacancy. The County Board must fill the vacancy within thirty days of the vacancy, or hold a special election in February if the appointment isn't made within 30 days. A motion was made by Peterson, supported by Oliver to advertise to fill the vacancy with the deadline to receive applications Friday December 20, 2013 by noon.

**OTHER MATTERS**

Discussion on the Road Commission snow plowing policies.

Commissioner Peterson began the discussion by mentioning that he has received several calls from within his District 7 from residents as well both the Watersmeet Township and Marenisco Township Supervisors, concerned about how poor the road conditions have been so far this winter snowplowing season. Road Commission engineer/manager Darren Pionk was in attendance and discussed the snowplowing policy. This policy calls for a call out early at 4am if there is 6 inches or more on the roads. The crew will start the regular day at 6am otherwise. Sand will be utilized at intersections, hills and curves. Salt is used when the temperature will allow for melting. The largest problem is the funding received from the State of Michigan and the restrictions placed on how equipment can be used while plowing. The Board had several questions for Pionk, who mentioned the policy of the 6 inch call out will be re-visited at the next regular Road Commission meeting. A motion was made by Oliver, supported by Gerovac, to send letters to our State Legislators seeking additional funds for snowplowing, and also to request the State allow a pilot program to use the double wing plow on the highways.



GOGEBIC COUNTY BOARD OF COMMISSIONERS  
Regular Meeting Minutes  
December 11, 2013  
Page Three

PUBLIC COMMENT (5 minute limit)

Rick Minkin, of Bessemer submitted a letter of interest to be appointed to fill the vacancy in District Five.

ADJOURNMENT

A motion was made by Gerovac, supported by Orlich and carried by unanimous voice vote to adjourn to the call of the Chair. The meeting adjourned at 5:45pm.

---

Dan Siirila, Chairman

---

Gerry R. Pelissero, Clerk

# DAILY GLOBE

Daily Globe, Inc.

118 E. McLeod Avenue ~ Ironwood, MI 49938

906-932-2211 Fax 906-932-5358

**\*\*\*PROOF OF PUBLICATION\*\*\***

**STATE OF MICHIGAN - COUNTY OF GOGEBIC**

Trish Roebuck

Trish Roebuck, being duly sworn says: I am the Legal Advertising Representative of The Daily Globe, a newspaper published and circulated in Gogebic and Ontonagon Counties. The Annexed is a printed copy of a notice which was published in said paper on the following date(s):

November 1, 2013

Subscribed and sworn to before me  
this 1<sup>st</sup> of November, 2013

Jennifer Louise Martilla

Jennifer Louise Martilla

Gogebic County, Acting in Gogebic County

My commission expires 09-19-2019

JENNIFER LOUISE MARTILLA  
Notary Public, State of Michigan  
County of Gogebic  
My commission expires Sept. 19, 2019  
Acting in the County of Gogebic

party at the  
KC Hall.

**Bernice  
Grbavcic**

"We're confident that Wisconsinites will see this latest round of voting restrictions for what it really is — a cynical ploy to keep voters away from the polls," said Wisconsin Democratic Party Chairman Mike Tate.

tye Jones, who died after the lawsuit was filed, had many forms of identification, including a valid Ohio driver's license, but her family had to spend months navigating a bureaucratic maze before she

stitutional, he said.

Republican Assembly Speaker Robin Vos said he hoped Fitzgerald would change his mind and take up the measure.

"I'm not willing to let the courts decide our fate," Vos said.

## Thank You ...

Sometimes thank you just doesn't seem enough to express gratitude for an outpouring of hard work and support to help out a friend. This is one of those times.

There is no way I can thank everyone individually who helped with my benefit but I am extremely grateful to each and everyone of you. To those who donated items - organized - worked at the park - and those who came to show their support, I will never forget your kindness and you will always be in my thoughts.

Thank you from the bottom of my heart ..... Your generosity and hard work was unbelievable.

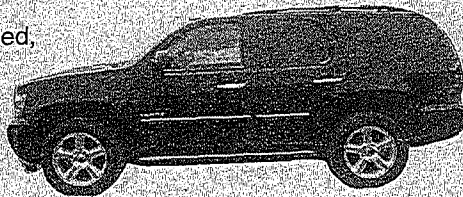
*Small town USA - God bless you.*

KEVIN SCHMIDT

### 2011 CHEVY TAHOE LT 4X4

Leather, power sunroof,  
20" aluminum rims, loaded,  
only 14,000 miles,  
5 yr./100,000-mile  
warranty, SHARP!

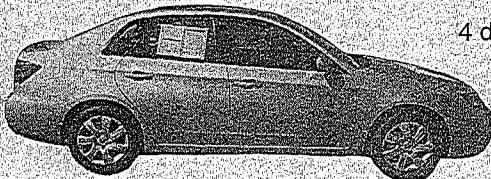
**\$38,995**



### 2010 SUBARU IMPREZA

ALL WHEEL DRIVE,  
4 door, automatic, loaded,  
only 14,000 miles,  
like new, great MPG!!

**\$16,995**



**Cloverland Motors**

300 E. Cloverland Dr., (U.S. 2) • Ironwood, MI 49938  
1-800-932-1202 • Phone: 906-932-1202 • Fax: 906-932-3295

### Bill allowing guns at schools won't get vote

MADISON, Wis. (AP) — A proposal to allow off-duty, retired and out-of-state police officers to carry concealed weapons at Wisconsin schools won't be getting a vote in the state Assembly.

Republican Assembly Speaker Robin Vos's spokeswoman Kit Beyer said Wednesday that the measure will not be voted on by the full Assembly but did not say why. The pronouncement came after the bill's sponsor, fellow

Republican Rep. Joel Kleefisch, said he was going ahead with a committee vote Thursday to expand the proposal to allow anyone with a concealed weapons permit to carry a gun on school grounds.

That amendment was scheduled for a vote in the Assembly Criminal Justice Committee, which Kleefisch chairs. Kleefisch said that idea didn't have enough votes to pass the Republican-controlled committee, but he wanted to bring it up anyway to spur a discussion about school safety.

## NOTICE OF PUBLIC HEARING 2013 Amendment to the Solid Waste Management Plan – Gogebic County

Pursuant to Part 115 of Act 451 of 1994, as amended, the Gogebic County Solid Waste Planning Committee will conduct a Public Hearing to receive comments on the proposed Amendment to the Gogebic County Solid Waste Management Plan.

The public hearing will be held on Monday, December 2, 2013 at 4:00 PM Central Standard Time (CST) at the Gogebic County Courthouse, District Court Room, located at 200 N. Moore Street, Bessemer. All interested parties are encouraged to attend.

The Solid Waste Management Planning Committee authorized the release of the proposed amendment for public review on August 27, 2013. The 90-day public review period commenced on Thursday, September 5, 2013 and will expire on Wednesday, December 4, 2013.

Written comments regarding the draft Amendment can be submitted to the Gogebic County Solid Waste Planning Committee, c/o Administrator's Office, 200 N. Moore Street, Bessemer, MI 49911 prior to the hearing date.

Copies of the proposed Amendment are available for review at the following location: Gogebic County Clerk Office; the cities of Bessemer, Ironwood, and Wakefield, and at the Carnegie Public Library in Ironwood.

For additional information, please call Kim J. Stoker, Chair, Gogebic County Solid Waste Planning Committee, c/o WUPPDR at 906-482-7205, ext. 316.

**Kim J. Stoker, Chair**  
Gogebic County Solid Waste Management Planning Committee

### New UP raptor center holds ribbon-cutting ceremony

CHOCOLAY TOWNSHIP (AP) — Officials are celebrating a new bird rehabilitation facility in the Upper Peninsula.

A ribbon-cutting ceremony was held Wednesday afternoon for the Chocolay Raptor Center.

WLUC-TV reports that the center in Marquette County is a place where birds that have sustained injuries in the wild can be nursed back to health.

Founder Jerry Maynard is trained to rehabilitate and care for the birds, but says he's also focused on sharing with others his passion for rehabbing raptors.

Four cages have been set up thanks to donations from the Marquette Breakfast Rotary and Wisconsin Energies.

Maynard says plans are in place to add new cages to the Raptor Center to allow for more



**RED'S**  
IRONWOOD, MICHIGAN

**RED'S**

Call (906) 932-4

GOGEBIC COUNTY SOLID WASTE PLANNING COMMITTEE MEETING  
PUBLIC HEARING

Monday, December 2, 2013

Gogebic County Courthouse  
Bessemer

4:00 PM (CST)

Members Present

Kim Stoker, WUPPDR (via telephone)

Members Absent

William Sullivan, Erwin Township Supervisor  
Scott Erickson, Ironwood City Manager  
Greg Johns, K & W Landfill  
John Siira, Wakefield City Manager  
Mark Bowman, Gog.-Iron Wastewater Mgr.  
Alan Baron, Ironwood Township Trustee  
Jeff Randall, Gogebic Solid Waste Mgt. Auth.  
Chris Kortemeier, Whitetail Unlimited  
Richard Bouvette, Ducks Unlimited  
Mike Rogers, Watersmeet Twp Supervisor  
Dennis Jacobson, Gogebic Cnty. BOC  
Jeff Buechner, J B Disposal  
Mandy Lake, Wakefield Township

Others Present

Chris Ann Bressette, Gogebic/Range Solid Waste  
Juliane Giackino, Gogebic County Administrator  
Amy Spahn, WUPPDR (via telephone)

CALL TO ORDER

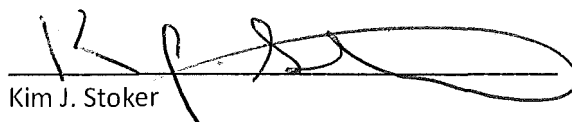
The hearing to receive comments on the Gogebic County Solid Waste Management Plan was called to order at 4:00 PM (CST) by Kim Stoker.

PUBLIC APPEARANCES

None

Adjourn

Public comment closed and hearing adjourned at 4:16 PM (CST) by Kim Stoker.

  
Kim J. Stoker

## Municipalities in Gogebic County

**Townships:** Bessemer  
Erwin  
Ironwood  
Marenisco  
Wakefield  
Watersmeet

**Cities:** Bessemer  
Ironwood  
Wakefield

**TOWNSHIP OF BESSEMER  
COUNTY OF GOGEBIC  
STATE OF MICHIGAN**

**Resolution #109-14  
GOGEBIC COUNTY SOLID WASTE MANAGEMENT PLAN**

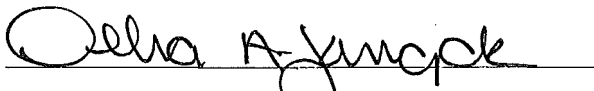
At its regularly scheduled meeting on January 13, 2014, the Bessemer Township Board approved the amendment to the Gogebic County Solid Waste Management Plan. Said Amendment would allow the County of Gogebic to accept waste from all Michigan Counties and export waste to all Michigan Counties.

The foregoing resolution was offered by board member Hope Tarnaski supported by board member Jerry Grenfell.

Upon ROLL CALL VOTE, the following voted "AYE:" Beverly Ikola, Hope Tarnaski, Jerry Grenfell, Jeff Randall, Debbie Janczak.

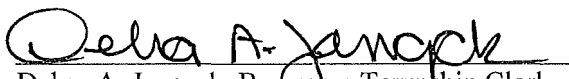
"NAY:" None.

The Supervisor declared the resolution adopted.

  
Debra A. Janczak, Bessemer Township Clerk

---

I, Debra A. Janczak, the duly elected and acting Clerk of Bessemer Township, hereby certify that the foregoing resolution was adopted by the Bessemer Township Board of Bessemer Township at the regular meeting of said board on Monday, January 13, 2014, at which meeting a quorum was present by a roll call vote of said members as hereinbefore set forth; that said resolution was ordered to take immediate effect.

  
Debra A. Janczak, Bessemer Township Clerk

1/13/14  
Date

**Township of Erwin**  
**Ironwood, MI 49938**

At its regularly scheduled meeting on 2/12/14, the Erwin Township Board approved the Amendment to the Gogebic County Solid Waste Management Plan. Said Amendment would allow the County to accept waste from all Michigan Counties and export waste to all Michigan Counties.

I hereby certify this to be a true copy of a resolution passed by the Erwin Township Board on 2/12/14.

A handwritten signature in cursive script, reading "Priscilla J. Horac". The signature is written in dark ink and is positioned above the printed name of the Erwin Township Clerk.

Erwin Township Clerk

## Charter Township of Ironwood

### RESOLUTION 2013-28

At its regularly scheduled meeting on December 23, 2013, the

The Charter Township of Ironwood Board/Council approved (or disapproved)

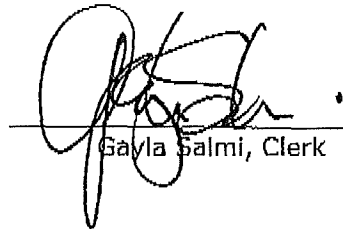
the Amendment to the Gogebic County Solid Waste Management Plan. Said Amendment

---

~~would allow the County to accept waste from all Michigan Counties and export waste to all Michigan Counties.~~

I hereby certify this to be a true copy of a resolution passed by the

Charter Township of Ironwood Board/Council on December 23, 2013



Gayla Salmi, Clerk



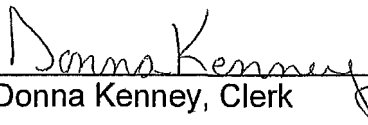
**Marenisco Township**  
**314 Hall Street**  
**PO Box 198**  
**Marenisco, MI 49947**  
Office 906-787-2463 Fax 906-787-2244

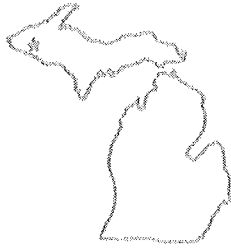
Richard Bouvette, SUPERVISOR; Donna Kenney, CLERK; Diane Dean, TREASURER  
Dave Hagen, TRUSTEE; John Zorich, TRUSTEE

**RESOLUTION**

At its regulatory scheduled meeting on January 27, 2014, the Marenisco Township Board approved the Amendment to the Gogebic County Solid Waste Management Plan. Said Amendment would allow the County to accept waste from all Michigan Counties and export waste to all Michigan Counties.

I hereby certify this to be a true copy of a resolution passed by the Marenisco Township Board on January 27, 2014.

  
Donna Kenney, Clerk



## **TOWNSHIP OF WAKEFIELD**

*Gogebic County*

*Office Located at: 414 No. Co. Rd. 519*

*Wakefield, Michigan 49968*

*Phone 906 224-8551*

*Fax 906 229-2309*

### **Wakefield Township**

#### **RESOLUTION TO APPROVE THE AMENDMENT TO THE GOGEBIC COUNTY SOLID WASTE MANAGEMENT PLAN**

At its scheduled meeting on January 7, 2014 at the Wakefield Township Hall, the Wakefield Township Board approved the following resolution:

Approve the Amendment to the Gogebic County Solid Waste Management Plan. Said Amendment would allow the County to accept waste from all Michigan Counties and export waste to all Michigan Counties.

Moved by Smith, supported by Dalman

The following aye votes were recorded: Cox, Smith, Dalman, Lake

The following nay votes were recorded: None

I hereby certify that the foregoing is a true and exact copy of the resolution enacted by the Wakefield Township Board at an official meeting held January 7, 2014.

Mandy Lake, Wakefield Township Clerk

#### **BOARD OF DIRECTORS**

**John Cox, SUPERVISOR**  
(906) 224-3721

**Mandy Lake, CLERK**  
(906) 364-0669, PO Box 164

**Joan Dalman, TREASURER**  
(906) 224-8201, PO Box 191

**Delmar Smith**  
TRUSTEE

**Jim Spencer**  
TRUSTEE



# *Township of Watersmeet*

WATERSMEET, MICHIGAN 49969



## **Amendment to the Gogebic County Solid Waste Management Plan**

**Resolution# 2014.02-19-3**

At it's regularly scheduled meeting on Februray 19, 2014, the Watersmeet Township Board of Trustees approved the Amendment to the Gogebic County Solid Waste management Plan. Said Amendment would allow the County to accept waste from all Michigan Counties and export waste to all Michigan Counties.

I hereby certify this to be a true copy of a resolution passed by the Watersmeet Township Board of Trustees on February 19, 2014.

Sandra J. Mansfield  
Watersmeet Township Clerk

**RESOLUTION NO. 2013-3 AMENDMENT TO THE GOGEBIC SOLID  
WASTE MANAGEMENT PLAN  
CITY OF BESSEMER**

**COUNTY OF GOGEBIC, MICHIGAN**

At its regularly scheduled meeting on January 6, 2014, the City of Bessemer Council


approved/disapproved the Amendment to the Gogebic County Solid Waste Management

Plan. Said Amendment would allow the County to accept waste from all Michigan Counties

and export waste to all Michigan Counties.

I hereby certify this to be a true copy of a resolution passed by the Bessemer City Council

on January 6, 2014.

  
James Trudgeon

Bessemer City Clerk/Treasurer

A REGULAR MEETING OF THE COMMON COUNCIL FOR THE CITY OF BESSEMER WAS HELD  
IN THE CITY COUNCIL CHAMBERS, CITY HALL, ON  
JANUARY 9, 2014, AT 5:00 P.M.

Mayor Semmerling called the meeting to order.

ROLL CALL: Present – Semmerling, Gaiss, Nelson, Olsen, Zaleski.

THESE MEMBERS CONSTITUTE A QUORUM.

AGENDA It was moved by Zaleski supported by Gaiss and CARRIED to approve the agenda as amended:

Add to Consent Agenda #3 – Minutes GRWA  
Add to New Business #5 – Chamber of Commerce Annual Banquet

PUBLIC COMMENT ON  
AGENDA ITEMS

None.

CONSENT AGENDA

It was moved by Olsen and supported by Nelson that the consent agenda items listed below, be approved and that the correspondence be received and placed on file.

- 1) Approval of Minutes -- Regular Meeting of December 16, 2013.
- 2) Minutes – Gogebic Range Solid Waste Mgmt. Author. – 11-21-13.
- 3) Minutes – Gogebic Range Water Authority.

A roll call vote was then taken. AYES – Nelson, Semmerling, Zaleski, Olsen, Gaiss; NAYS – None. ABSENT – None. MOTION CARRIED.

CLAIMS

The following claims were presented for consideration and payment.

GENERAL FUND

BAKER & TAYLOR BOOKS	\$167.03
BAKER & TAYLOR ENTERTAINMENT	107.47
CITY OF BESSEMER WATER UTILITY	219.23
DEMCO	1,815.10
HAUTALA DISTRIBUTING	30.00
ROVELSKY & COMPANY	387.60
STEMPIHAR, INC.	2,845.15
TRI-STATE BUSINESS SYSTEMS	102.00
WAKEFIELD NEWS/BESS. PICK & AXE	124.26

**TOTAL GENERAL FUND \$5,797.84**

MAJOR STREET FUND

**TOTAL MAJOR STREET FUND \$ - 0 -**

LOCAL STREET FUND

**TOTAL LOCAL STREET FUND \$ - 0 -**

SEWER UTILITY FUND

TRI-STATE BUSINESS SYSTEMS	\$51.00
WAKEFIELD NEWS/BESS. PICK & AXE	35.30

**TOTAL SEWER UTILITY FUND \$86.30**

WATER UTILITY FUND

GOGEBIC RANGE WATER AUTHORITY	\$3,878.67
HAWKINS WATER TREATMENT GROUP	851.28
MIDLAND SERVICES	365.73
STEMPIHAR, INC.	128.70
TRI-STATE BUSINESS SYSTEMS	51.00
WAKEFIELD NEWS/BESS. PICK & AXE	35.35
WHITE WATER ASSOCIATES INC.	68.00

**TOTAL WATER UTILITY FUND \$5,378.73**

It was moved by Zaleski and supported by Nelson that the claims, as presented, be approved for payment as funds become available.

A roll call vote was then taken. AYES – Gaiss, Semmerling, Olsen, Nelson, Zaleski; NAYS – None. ABSENT – None. MOTION CARRIED.

18. - 2

## DISPENSARY UPDATE

① This motion  
was corrected at  
1-21-14 meeting  
(see next page)

BESSEMER POST OFFICE  
DISCUSSION

It was moved by Olsen and supported by Gaiss to authorize the City Manager to schedule a public hearing for February 2, 2014, regarding the Marijuana Dispensary and to see that the meeting is properly noticed in the newspaper of record.

A roll call vote was then taken. AYES - Gaiss, Semmerling, Olsen; NAYS: Nelson, Zaleski; ABSENT - None. **MOTION CARRIED.**

It was moved by Semmerling, supported by Gaiss and **CARRIED** to authorize the City Manager to put together a letter concerning the number of hours the Bessemer post office is open and let all of our elected officials, State and Federal, know the citizens would like to have the post office open for more hours in the day, including some morning hours.

② APPOINT NEGOTIATION TEAM  
(UNION CONTRACT)  
Corrected @ 1/21/14 meeting  
(see next pg.)

RESCHEDULE JANUARY 20, 2014  
REGULAR MEETING

It was moved by Olsen, supported by Nelson and **CARRIED** to appoint Mr. Olsen and Mr. Gaiss to be a negotiating committee for the purpose of working on a new union contract.

It was moved by Gaiss, supported by Olsen and **CARRIED** to move the regularly scheduled meeting on Monday January 20, 2014 to Tuesday January 21, 2014 at 5:00 p.m. due to the observance of Martin Luther King federal holiday.

RESOLUTION NO. 2013-3 AMENDMENT  
TO THE GOGEBIC COUNTY SOLID  
WASTE MANAGEMENT PLAN

It was moved by Olsen and supported by Nelson to adopt Resolution No. 2013-3, Amendment to the Gogebic County Solid Waste Management Plan and authorize the appropriate signatures.

A roll call vote was then taken. AYES - Gaiss, Semmerling, Olsen, Nelson, Zaleski; NAYS - None. ABSENT - None. **MOTION CARRIED.**

**RESOLUTION NO. 2013-3 AMENDMENT TO THE GOGEBIC SOLID  
WASTE MANAGEMENT PLAN  
CITY OF BESSEMER**

**COUNTY OF GOGEBIC, MICHIGAN**

At its regularly scheduled meeting on January 6, 2014, the City of Bessemer Council

approved ~~disapproved~~ the Amendment to the Gogebic County Solid Waste Management

Plan. Said Amendment would allow the County to accept waste from all Michigan Counties and export waste to all Michigan Counties.

I hereby certify this to be a true copy of a resolution passed by the Bessemer City Council on January 6, 2014.

James Trudgeon

Bessemer City Clerk/Treasurer

CHAMBER OF COMMERCE  
ANNUAL BANQUET

Councilperson Nelson wanted to remind the Council and anyone in attendance that the annual Bessemer Chamber of Commerce Awards Banquet will be held this coming Saturday, January 11, 2014 at 6:00 at the VFW. No formal action was required to be taken.

**CITY MANAGER REPORT** It was moved by Gaiß, supported by Nelson and **CARRIED** to accept the City Managers' report and place on file.

**DPW REPORT** It was moved by Nelson, supported by Olson and **CARRIED** to accept the DPW report and place on file.

**PUBLIC COMMENT** A number of people in attendance offered comments relating to the special use permit issued to Mr. Duncanson to operate a marijuana dispensary.

**ADJOURN - 5:52 P.M.** It was moved by Olson, supported by Nelson and **CARRIED** that the regular meeting be adjourned.

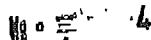
August Semmerling, Mayor

James K. Trudgeon, City Clerk

① It was moved by Olsen and supported by Gaiß to reconsider the Council's December 2, 2013 decision granting Richard Duncanson a conditional use permit for a marijuana dispensary on the grounds that public notice was not published in the local press prior to the December 2, 2013 public hearing. As part of this motion, I request that: 1) proper notice be posted and published for a February 3, 2014 rehearing of the permit application at 5 p.m. and, 2) that the Council consider written responses to the permit application by any citizen if they are submitted to the City Clerk before January 30, 2014.

A roll call vote was then taken: AYES - Gaiß, Semmerling, Olsen; NAYS - Nelson, Zaleski; ABSENT - None. MOTION CARRIED.

② It was moved by Olsen, supported by Nelson and **CARRIED** to approve the appointment of the Mayor of Mr. Olsen and Mr. Gaiß to be the Negotiations Committee for the purpose of negotiating a new contract with the local AFSCME Union representing the city employees.

Ms. 

**A REGULAR MEETING OF THE COMMON COUNCIL FOR THE CITY OF BESSEMER WAS HELD  
IN THE CITY COUNCIL CHAMBERS, CITY HALL, ON  
JANUARY 21, 2014, AT 5:00 P.M.**

**Mayor Semmerling called the meeting to order.**

**ROLL CALL:** Present – Semmerling, Gaiss, Nelson, Olsen, Zaleski.

**THESE MEMBERS CONSTITUTE A QUORUM.**

**AGENDA**

It was moved by Olsen supported by Zaleski and **CARRIED** to approve the agenda as amended;

Move Approval of the January 6, 2014 minutes to item #2 under New Business.

Add – Debbie Bradford, Ruukila, Negro & Associates, Audit Report presentation to Presentations before Public Comment.

Add to Consent Agenda #2 – Minutes Gogebic Range Solid Waste Management Authority 12-19-2013.

**PUBLIC COMMENT ON  
AGENDA ITEMS**

Richard Matrella commented about the proposed land sale to Peterson and Zaleski. He indicated that as the High School gym teacher he often takes his students in that area to snowshoe. He was concerned about access to the area. He also commented on the cost of the property. Attorney Mark McDonald addressed the Council regarding the marijuana dispensary and the procedure used to approve the special use permit.

**CONSENT AGENDA**

It was moved by Olsen and supported by Nelson that the consent agenda items listed below, be approved and that the correspondence be received and placed on file.

- 1) Gogebic County Sheriff reports Oct-Dec. 2013.
- 2) Minutes – Gogebic Range Solid Waste Mgmt. Author. – 12-19-13.

A roll call vote was then taken. **AYES** – Nelson, Semmerling, Zaleski, Olsen, Gaiss; **NAYS** – None. **ABSENT** – None. **MOTION CARRIED.**

**CLAIMS**

The following claims were presented for consideration and payment.

**GENERAL FUND**

AMEPRIDE	\$57.75
BAKER & TAYLOR BOOKS	586.54
C&M OIL COMPANY	326.25
COLEMAN ENGINEERING	375.00
EMPLOYEE BENEFITS AGENCY	410.00
G T C AUTO PARTS	331.66
GOGEBIC RANGE SOLID WASTE MGMT	7,993.80
SUPERIOR SAFETY SOLUTIONS	105.00
IRONWOOD DAILY GLOBE	288.00
KORPELA & KAUPPI	938.00
LAWSON PRODUCTS, INC.	420.81
NORTH AMERICAN, INC.	515.30
SAMS SALVAGE	87.12
STEIGERS HOME CENTER	199.17
U.P. OFFICE EQUIPMENT SYSTEMS	32.42
GLAMOR	12.00
MATTSON'S TV & APPLIANCE	59.00
<b>TOTAL GENERAL FUND</b>	<b>12,737.82</b>

**MAJOR STREET FUND**

CITY OF BESSEMER GENERAL FUND	\$21,411.96
<b>TOTAL MAJOR STREET FUND</b>	<b>\$21,411.96</b>

**LOCAL STREET FUND**

CITY OF BESSEMER GENERAL FUND	\$10,590.89
<b>TOTAL LOCAL STREET FUND</b>	<b>\$10,590.89</b>



# CITY OF IRONWOOD

"Live Where You Play"

213 S. Marquette Street  
Ironwood, Michigan 49938



Telephone: (906) 932-5050

Fax: (906) 932-5745

[www.cityofironwood.org](http://www.cityofironwood.org)

## RESOLUTION #013-035

At its regularly scheduled meeting on December 23, 2013, the Ironwood City Commission approved the Amendment to the Gogebic County Solid Waste Management Plan. Said Amendment would allow the County to accept waste from all Michigan Counties and export waste to all Michigan Counties.

I hereby certify this to be a true copy of a resolution passed by the Ironwood City Commission on December 23, 2013.

Karen M. Gullan, City Clerk

CITY MANAGER  
(906) 229-5132

CITY OF WAKEFIELD, MICHIGAN  
311 SUNDAY LAKE STREET  
49968  
Member  
MICHIGAN MUNICIPAL LEAGUE  
Fax (906) 229-5331  
TDD (800) 649-3777

CITY CLERK  
(906) 229-5131

RESOLUTION NUMBER 210  
GOGEBIC COUNTY SOLID WASTE MANAGEMENT AUTHORITY PLAN


WHEREAS, the Western Upper Peninsula Planning and Development Region has updated the Gogebic County Solid Waste Management Plan with the assistance of the Planning Committee; and

WHEREAS, the Gogebic County Board of Commissioners has approved the Solid Waste Plan at their December 11, 2013 meeting; and

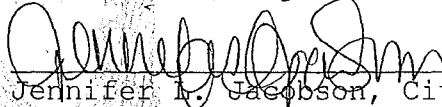
WHEREAS, the Western Upper Peninsula Planning and Development Region sent the Solid Waste Management Plan to the City of Wakefield and other Local Units of Government for approval; and

WHEREAS, the City of Wakefield Council is charged with Solid Waste Planning for it's residents.

NOW THEREFORE, BE IT RESOLVED THAT, the City of Wakefield Council at it's regularly scheduled December 23, 2013 meeting at 5:30 P.M. in the City Hall Council Chambers approved the Gogebic County Solid Waste Management Plan.



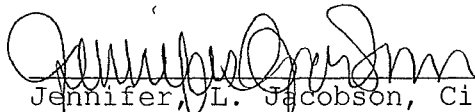
Les Schneck, Mayor



Jennifer L. Jacobson, City Clerk

STATE of MICHIGAN)  
(SS  
COUNTY OF GOGEBIC)

I, Jennifer Jacobson, the City Clerk of the City of Wakefield, Michigan, hereby certify that the foregoing is a true and correct copy of a Resolution adopted by the City Council of the City of Wakefield at it's regular meeting held on Monday, December 23, 2013.



Jennifer, L. Jacobson, City Clerk

## GOGEBIC COUNTY SOLID WASTE PLANNING COMMITTEE

### SOLID WASTE MANAGEMENT INDUSTRIES

Greg Johns  
K & W Landfill  
11877 State Highway M-38  
Ontonagon, MI 49953  
906-883-3305  
[gjohns@wm.com](mailto:gjohns@wm.com)

Jeff Buechner  
J B Disposal  
P O Box 324  
Butternut, WI 54514  
715-518-3004 (c)  
[jj743@hotmail.com](mailto:jj743@hotmail.com)

Jeff Randall  
Gogebic Solid Waste Manage. Authority CH  
P.O. Box 304  
Ramsay, MI 49959  
906-285-2273 (c)  
[btsuper@bessemertwp.com](mailto:btsuper@bessemertwp.com)

Mike Rogers  
Watersmeet Township Supervisor  
P O Box 306  
Watersmeet, MI 49969  
906-358-4501  
[supervisor@watersmeet.us](mailto:supervisor@watersmeet.us)

### ENVIRONMENTAL INTEREST GROUPS

Chris Kortemeier  
Whitetail Unlimited  
115 E. Pine Street  
Ironwood, MI 49938  
906-285-3338  
[crissle29@yahoo.com](mailto:crissle29@yahoo.com)

Richard Bouvette  
Ducks Unlimited (Maren. Twp Suprv)  
P.O. Box 198  
Marenisco, MI 49947  
906-392-0055  
[supervisor@marenisco.org](mailto:supervisor@marenisco.org)

### INDUSTRIAL WASTE GENERATOR

Mark Bowman  
Gogebic-Iron Waste Water Manager  
700 W. Cloverland Drive  
Ironwood, MI 49938  
906-932-5322  
[bowman.m@giwa.org](mailto:bowman.m@giwa.org)

### COUNTY GOVERNMENT

Dennis Jacobson *Deceased*  
Gogebic County Board of Commissioners  
1830 S. Johnson Road  
Bessemer, MI 49911  
906-663-4964  
[dennisjacobson1@charter.net](mailto:dennisjacobson1@charter.net)

*Bob Orlich,  
Gogebic Co.  
Commissioner  
filled in,*

### CITY GOVERNMENT

Scott Erickson  
Ironwood City Manager  
213 S. Marquette Street  
Ironwood, MI 49938  
906-932-5050  
[ericksons@cityofironwood.org](mailto:ericksons@cityofironwood.org)

### TOWNSHIP GOVERNMENT

Alan Baron  
Ironwood Township Trustee  
N10892 Lake Road  
Ironwood, MI 49938  
906-932-5800  
[supervisor@ironwoodtownship.org](mailto:supervisor@ironwoodtownship.org)

### REGIONAL SOLID WASTE PLANNING AGENCY

Kim J. Stoker  
Western U.P. Planning & Dev. Region (WUPPDR)  
P O Box 365  
Houghton, MI 49931  
906-482-7205, ext. 316  
[kstoker@wuppdr.org](mailto:kstoker@wuppdr.org)

### GENERAL PUBLIC

John Siira  
Wakefield City Manager  
311 Sunday Lake Street  
Wakefield, MI 49968  
906-229-5131  
[citymanager@cityofwakefield.org](mailto:citymanager@cityofwakefield.org)

Mandy Lake  
Wakefield Township  
P O Box 164  
Wakefield, MI 49968  
906-364-0669  
[mlake@wakefieldtownship.com](mailto:mlake@wakefieldtownship.com)

William Sullivan  
Erwin Township Supervisor  
8908 Van Buskirk Road  
Ironwood, MI 49938  
906-932-3045



JOHN ENGLER, Governor

**DEPARTMENT OF ENVIRONMENTAL QUALITY**

*"Better Service for a Better Environment"*

HOLLISTER BUILDING, PO BOX 30473, LANSING MI 48909-7973

INTERNET: [www.deq.state.mi.us](http://www.deq.state.mi.us)

RUSSELL J. HARDING, Director

September 26, 2000

Mr. Leo Arnestad, Chairperson  
Gogebic County Board of Commissioners  
200 North Moore  
Bessemer, Michigan 49911

Dear Mr. Arnestad:

The Department of Environmental Quality (DEQ) received the locally approved update to the Gogebic County Solid Waste Management Plan (Plan) on October 27, 1999. Except for the items indicated below, the Plan is approvable. As outlined in the May 25, 2000 letter to Mr. Kim Stoker, Western Upper Peninsula Planning and Development Regional Commission, from Mr. Matt Staron, DEQ, Waste Management Division, and as confirmed on behalf of Gogebic County (County) in the June 23, 2000 letter from Ms. Chris Ann Bressette, Administrator, Gogebic Range Solid Waste Management Authority, to Mr. Staron, the DEQ makes the following modifications to the Plan.

The fifth paragraph on [Page III-1](#) of the Plan states that units of government in Wisconsin can enter into contractual agreements with the Gogebic Range Solid Waste Authority (Authority). However, as stipulated in the Plan, entry into this agreement would require a Plan amendment identifying the specific sources and quantities of waste to be imported from Wisconsin. The import of waste from Wisconsin would also require Plan authorization. Due to court decisions, the Plan may not contain language that regulates or restricts the flow of waste across state lines. Therefore, the last two sentences of the fifth paragraph on Page III-1 are hereby deleted. The modified paragraph shall read as follows:

The Plan prepared by Gogebic County includes a provision for the existing Gogebic Range Solid Waste Authority membership to be expanded to include any unit of government from neighboring Wisconsin. Units of government in Wisconsin could also enter into a contractual agreement with the Gogebic Range Solid Waste Authority.

[Page III-28](#) lists siting criteria that are to be used to evaluate the information provided by the developer and to determine if a proposed disposal facility is, or is not, consistent with the Plan. Section 11538(3) of Part 115, Solid Waste Management, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as

amended, states that siting criteria shall not be subject to interpretation or discretionary acts. The siting criteria on Page III-28 are overly broad and open to subjective interpretation. In order to clarify these criteria and make them more objective, the statement "Does the developer provide a statement saying that..." shall be added to each of the criteria. Therefore, the modified siting criteria shall read as follows:

1. Does the developer provide a statement saying that they intend to charge equitable and similar fees within its service area?
2. Does the developer provide a statement saying that they agree to treat all haulers equitably and impartially?
3. If the proposed facility is a landfill, does the developer provide a statement saying that the proposed landfill provides long-term capacity for Gogebic County for ten years?
4. Does the developer provide a statement saying that the proposed facility will utilize proven technology?

Submittal of each indicated statement will be sufficient to satisfy each criterion and would make the proposal consistent with the Plan.


By this letter, this Plan with modifications is hereby approved and the County, along with the Authority, now assumes responsibility for the enforcement and implementation of this Plan. The DEQ would like to thank the County for their efforts in addressing County solid waste management issues.

By approving the Plan with modifications, the DEQ has determined that it complies with the provisions of Part 115 and the administrative rules concerning the required content of solid waste management plans. Specifically, the DEQ has determined that the Plan identifies the enforceable mechanisms that authorize the state, a county, a municipality, or a person to take legal action to guarantee compliance with the Plan, as required by Part 115. The Plan is enforceable, however, only to the extent the County properly implements these enforceable mechanisms under applicable enabling legislation. The Plan itself does not serve as such underlying enabling authority, and the DEQ approval of the Plan neither restricts nor expands the County authority to implement these enforceable mechanisms.

The Plan may also contain other provisions that are neither required nor expressly authorized for inclusion in a solid waste management plan. The DEQ approval of the Plan does not extend to any such provisions. Under Part 115, the DEQ has no statutory authority to determine whether such provisions have any force or effect.

If you have any questions, please contact Mr. Seth Phillips, Chief, Solid Waste Management Unit, at 517-373-4750.

Sincerely,

  
Russell J. Harding  
Director  
517-373-7917

cc: Senator Donald Koivisto  
Representative Paul Tesanovich  
Mr. Kim Stoker, Western Upper Peninsula Planning and  
Development Regional Commission  
Mr. Arthur R. Nash Jr., Deputy Director, DEQ  
Mr. Timothy R. Sowton, Legislative Liaison, DEQ  
Mr. Jim Sygo, DEQ  
Ms. Joan Peck, DEQ  
Mr. Robert Schmeling, DEQ - Marquette  
Mr. Seth Phillips, DEQ  
Mr. Matt Staron, DEQ  
Gogebic County File



GOGEBIC COUNTY

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# **SOLID WASTE MANAGEMENT PLAN**

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**Prepared by: Western U.P. Planning & Development Region**

## 1997 PLAN UPDATE COVER PAGE

The Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA), Part 115, Solid Waste Management, and its Administrative Rules, requires that each County have a Solid Waste Management Plan Update (Plan) approved by the Michigan Department of Environmental Quality (DEQ). Section 11539a requires the DEQ to prepare and make available, a standardized format for the preparation of these Plan updates. This document is that format. The Plan should be prepared using this format without alteration. Please refer to the document entitled "Guide to Preparing the Solid Waste Management Plan Update" for assistance in completing this Plan format.

### DATE SUBMITTED TO THE DEQ:

If this Plan includes more than a single County, list all counties participating in this Plan.

---

The following lists all the municipalities from outside the County who have requested and have been accepted to be included in the Plan, or municipalities within the County that have been approved to be included in the Plan of another County according to Section 11536 of Part 115 of the NREPA. Resolutions from all involved County boards of commissioners approving the inclusion are included in Appendix E.

<u>Municipality</u>	<u>Original Planning County</u>	<u>New Planning County</u>
N/A		

### DESIGNATED PLANNING AGENCY PREPARING THIS PLAN UPDATE:

Western Upper Peninsula Planning and Development Region (WUPPDR)

<u>CONTACT PERSON:</u>	Kim J. Stoker, Planning Director		
<u>ADDRESS:</u>	326 Shelden Avenue, P.O. Box 365 Houghton, MI 49931-0365		
<u>PHONE:</u>	906-482-7205	<u>FAX:</u>	906-482-9032 (if applicable)
<u>E-MAIL:</u>	stoker@up.net (if applicable)		

CENTRAL REPOSITORY LOCATION(S): WUPPDR offices located at 326 Shelden Avenue, Houghton, MI Office hours: 8:00 AM - 5:00 PM (EDT)



## TABLE OF CONTENTS

	Page
<b>EXECUTIVE SUMMARY.....</b>	<b>I-1</b>
Overall View of the County.....	I-2
Conclusions.....	I-3
Selected Alternative.....	I-3
Introduction.....	I-5
Goals and Objectives.....	I-5-6
 <b>DATA BASE.....</b>	 <b>II-1</b>
Solid Waste Disposal.....	II-3
Solid Waste Facility Descriptions.....	II-5
Solid Waste Collection Services & Transportation Infrastructure.....	II-6
Evaluation of Deficiencies & Problems.....	II-7
Demographics.....	II- 8
Land Development.....	II- 9
<b>SOLID WASTE MANAGEMENT ALTERNATIVES.....</b>	<b>II-10</b>
 <b>SELECTED SOLID WASTE MANAGEMENT SYSTEM.....</b>	 <b>III-1</b>
Import/Export Authorizations.....	III-4-7
Solid Waste Disposal Areas.....	III-8
Facility Descriptions.....	III-9
Solid Waste Collection Services & Transportation Infrastructure.....	III-10
Resource Conservation Efforts.....	III-11
Waste Reduction, Recycling, & Composting Programs.....	III-12-23
Educational and Informational Programs.....	III-24
Timetable.....	III-25
Siting Procedure.....	III-26
Management Component.....	III-31
Local Ordinances & Regulations.....	III-34
 <b>CAPACITY CERTIFICATION PROCESS.....</b>	 <b>IV-1</b>
 <b>APPENDIX A - ADDITIONAL INFORMATION REGARDING THE SELECTED SYSTEM</b>	
Evaluation of Recycling.....	A-1
Detailed Features of Recycling & Composting Programs.....	A-2-4
Coordination Efforts.....	A-5
Costs & Funding.....	A-6
Evaluation Summary.....	A-7
Advantages & Disadvantages.....	A-8
Annual Recycling Report.....	A-9
Annual Compost Report.....	A-10
<b>APPENDIX B - NON SELECTED SYSTEMS</b>	
Non Selected Systems.....	B-1-8
<b>APPENDIX C - PUBLIC PARTICIPATION</b>	
Public Participation & Approval.....	C-1-4
<b>APPENDIX D - ATTACHMENTS</b>	
Attachments.....	D-1-9

## **EXECUTIVE SUMMARY**

The following summarizes the solid waste management system selected to manage solid waste within Gogebic County. In case of conflicting information between the executive summary and the remaining contents of the Plan update, the information provided in the main body of the Plan update found on the following pages will take precedence over the executive summary.

Pursuant to Section 1153a of Part 115, Solid Waste Management, of the Natural Resources and Environmental Protection Act, 1994 P.A. 451, as amended, Gogebic County has contracted with the Western Upper Peninsula Planning and Development Region (WUPPDR) to update the County's Solid Waste Management Plan.

The Gogebic County Solid Waste Planning Committee and WUPPDR, Designated Planning Agency (DPA), was charged with production of this plan. WUPPDR produced this document with the cooperation of the Solid Waste Management Planning Committee which was appointed by the Gogebic County Board to assist in this process.

The contents of the plan are specified in Public Act 451. Further, a plan format was provided by the Department of Environmental Quality to facilitate uniformity of reporting by the County and all other entities preparing solid waste management plans in Michigan. The purpose of this plan is to provide guidance as relates to solid waste management decision-making and practices in Gogebic County.

## OVERALL VIEW OF THE COUNTY

### % of Land Use - Urban

Township or Municipality Name	Pop.*	Res	Com.	Ind.	Agri.	Forested	Other
Bessemer Twp.	1,374	0.63	0.10	0.03	2.51	86.32	10.42
Erwin Twp.	477	0.44	0.04	0.01	2.53	85.08	11.88
Ironwood Twp.	2,303	0.48	0.04	0.04	4.02	90.65	4.74
Marenisco Twp.	959	0.29	0.03	0.03	0.04	88.66	10.94
Wakefield Twp.	452	0.12	0.01	0.06	0.37	94.87	4.54
Watersmeet Twp.	1,048	0.41	0.02	0.02	0.05	84.88	14.59
Bessemer City	2,272	13.21	1.15	2.56	10.06	49.91	23.10
Ironwood City	6,849	30.63	3.99	2.96	1.72	25.00	35.71
Wakefield City	2,318	10.47	1.24	0.24	2.73	53.13	32.19

Source: Michigan Resource Information System, Land and Water Management Division, Department of Natural Resources; Data compiled from 1978 aerial photography (7-27-88)

\*1990 Census of Population

\*Ag = Agriculture; For = Forestry; Ind = Industry; Com = Commercial; Oth = All Other Economic Bases

## **CONCLUSIONS**

WUPPDR and the Planning Committee considered alternatives that could be implemented in lieu of the present system or partially implemented as enhancements to the existing system. Alternatives ranged from landfill construction to maintaining the current system.

Alternatives were assessed as to their consistency with solid waste management goals and objectives stated in this plan as well as the economic feasibility of proposals and the likelihood of obtaining and maintaining general public and municipal support for the system selected.

A substantial public investment has been made in the current system. Local investment has resulted in the development of a single transfer station which has a potentially unlimited life expectancy.

The continued disposal of a consistent volume of solid waste is critical to the efficient and cost effective operation of the Gogebic Range Solid Waste Transfer Station with final disposal at the K & W Landfill (selected final disposal alternative). Reductions in the monthly tonnage processed at the facility may effect an increase in the cost per ton to cover operational and capital costs. At the same time, a consistent reduction in waste volume will benefit County residents economically and environmentally. Improvements in the waste management system such as reduction, reuse and recycling are strongly encouraged by the Solid Waste Management Authority and this Plan.

Importation of waste from Wisconsin counties has occurred at the station for many years. Larger volumes of waste help to provide revenues for operations of the facility. Approximately 5,500 tons/year are imported from nearby Wisconsin counties and this volume is expected to remain stable or increase slightly.

## **SELECTED ALTERNATIVE**

The selected solid waste management system for Gogebic County is facilitated by both the public and private sectors and consists of seven independent features which are integrated into one system. A description of each of these features follows.

- ▶ **Source reduction** - Source reduction (or waste prevention) is the best point to begin waste management. By avoiding the generation of waste, the burden on disposal facilities and all other components of the system are diminished. An additional benefit is the conservation of natural resources that would otherwise have been wasted. Education regarding reduction techniques and initiatives that implement them are supported by this plan.
- ▶ **Reuse** - Reuse is another method of preventing materials from prematurely entering the waste stream. Material that can be utilized in its present form or without reprocessing saves disposal and conserves resources.

- ▶ **Collection** - Materials not addressed by either of the previous techniques are collected. This can be accomplished at curbside or by green box. Material may be waste or recyclables.
- ▶ **Recycling** - Recycling is encouraged and anticipated to increase during this planning period. Successful public education has enhanced the acceptance of recycling. With the "willingness to participate" that currently exists, providing public education regarding recycling will show the public how to participate. Additionally, improved access to recycling and increased cost of disposing of material as waste adds additional incentive for participation. Public demand for recycling will require improved efficiencies to offset additional handling costs.
- ▶ **Composting** - For those individuals and businesses that cannot or will not compost yard waste in their own "backyard", alternatives must be maintained for their disposal needs. Municipal composting programs will be maintained or enhanced through the duration of this plan.
- ▶ **Transfer** - All Type II and Type III waste generated in the County are required to go to the transfer station with the exception of Watersmeet Township which hauls to the K & W Landfill in Ontonagon.

This plan was developed by the Gogebic County Solid Waste Planning Committee (SWMPC) with assistance of the Western U.P. Planning and Development Region (WUPPDR). The draft document was provided for a 90 day public review period from February 24, 1999 through May 24, 1999, which included a public hearing on May 24, 1999. The SWMPC recommended the plan to the County Board which granted its approval. The plan was circulated to all municipalities and received approval by 90 percent. Approvals/disapprovals are copied in Appendix C.

# INTRODUCTION

## GOALS AND OBJECTIVES

To comply with Part 115 and its requirements, each Plan must be directed toward goals and objectives based on the purposes stated in Part 115, Section 11538.(1)(a), 11541.(4) and the State Solid Waste Policy adopted pursuant to this Section, and Administrative Rules 711(b)(i) and (ii). At a minimum, the goals must reflect two major purposes of Solid Waste Management Plans:

- (1) To utilize to the maximum extent possible the resources available in Michigan's solid waste stream through source reduction, source separation, and other means of resource recovery and;
- (2) to prevent adverse effects on the public health and the environment resulting from improper solid waste collection, transportation, processing, or disposal, so as to protect the quality of the air, the land, and ground and surface waters.

This Solid Waste Management Plan works toward the following goals through actions designed to meet the objectives described under the respective goals which they support:

**GOAL 1:** Establish and maintain a high-quality environment by developing and implementing integrated solid waste management which provides for the protection of public health and the environment.

Objective 1a: The county will comply with Act 451, Part 115 to meet the goal. (Solid Waste Management Act).

**GOAL 2:** Build an educated public where citizens are informed about and understand solid waste management issues and concerns.

Objective 2a: Establish or designate an office where the public can direct questions about solid waste management and obtain educational materials. Michigan State University provides this type of service and questions can be addressed to this agency.

Objective 2b: Continue on a periodic basis information to citizens regarding available opportunities for recycling.

Objective 2c: Encourage the GEM Center to provide environmental education programs for K-12 grades.

## INTRODUCTION

**GOAL 3:** Maintain, support and expand recycling programs and facilities.

Objective 3a: Will encourage procurement of recycled products of supplies purchased by local governmental units by encouraging a procurement policy which recommends the purchase of recycled products when it does not exceed ten percent of other bids for non-recycled materials and if the bid is comparable in other terms to the other bids.

Objective 3b: Encourage private-public intergovernmental cooperation by promoting both a tire recycling center and a countywide composting program.

Objective 3c To encourage and develop the Regionwide location, collection, and processing of junk automobiles (white goods, stoves/appliances, refrigerators, etc.).

Objective 3d: Encourage tire recycling center.

## DATA BASE

### WASTE GENERATION

Data was collected pertaining to waste generated in the County as well as volumes diverted from the waste stream by recycling and composting. Also collected was information regarding annual tonnage disposed of at the transfer station. Volume data was obtained from the Department of Environmental Quality "Report of Solid Waste Landfilled in Michigan dated February 19, 1997: which provided disposal volumes for other counties throughout the state.

Population data was also valuable in preparation of this plan. Numbers from the last several census counts and sub-county population estimates for 1990 - 1996 provided by the State Demographics Office contributed to the baseline information.

By relating volumes generated, diverted, and disposed to population, per capita figures were derived for these activities. Population trend data allowed us to estimate future population numbers, and, by applying the per capita figures, anticipate future waste volumes and disposal needs.

Page II-1-A shows 1997 waste disposal by municipality in Gogebic County and how it compares with other Upper Peninsula counties, similar size counties throughout the state and national averages. Page II-8 shows projections of population and waste volumes anticipated for disposal at the station.



## DATA BASE

### WASTE VOLUME - U.P. COUNTIES\*

1996

County	Population	Type II (cu.yd.)	Tons/Year	Pounds/day/capita
Alger	9,971		N/A	N/A
Baraga	8,472		N/A	N/A
Chippewa	37,289	68,295	22,765	3.35
Delta	39,047	80,628	26,876	3.77
Dickinson	27,285	58,618	19,538	3.92
Gogebic	17,704	41,463	8,253 <sup>+</sup>	2.35
Houghton	36,230	86,439	0	0.00
Iron	13,121	29,193	9,731	4.06
Keweenaw	2,010		0	0.00
Luce	6,180	13,606	4,636	4.02
Mackinac	11,096	41,218	13,739	6.78
Marquette	62,017	144,681	48,227	4.26
Menominee	24,551		N/A	N/A
Ontonagon	8,405		5,900	3.84
Schoolcraft	8,653	29,940	9,980	6.32

\*Actual total volume reported at transfer station.

### POUNDS/DAY/CAPITA

Gogebic	2.35
U.P. Counties Average	4.53
Similar Size County Average	4.05
State Average	6.10
National Average	4.50

\*Source: DEQ Report of Solid Waste Landfilled in Michigan 10/1/95 - 9/30/96

## DATA BASE

### Gogebic County Estimated Weekly Solid Waste Generation (Uncompacted-lbs./tons)

Municipality	Total Housing Units	1990 Population	Residential* & Commercial
Bessemer Township	945	1,374	41,741 20.87
Erwin Township	258	477	14,490 7.25
Ironwood Township	1,618	2,303	69,965 34.98
Marenisco Township	687	959	29,134 14.57
Wakefield Township	440	452	13,734 6.87
Watersmeet Township	1,381	1,048	31,836 15.92
Bessemer City	1,205	2,272	69,020 34.51
Ironwood City	3,410	6,849	208,075 104.04
Wakefield City	1,053	2,318	70,420 35.21
TOTALS	10,997	18,052	548,422 274

SOURCE: 1990 Census of Population and Housing  
+EPA Characterization of Municipal Solid Waste in the U.S. 1996 Update,  
4.34 lbs./person/day in 1995

TOTAL QUANTITY OF SOLID WASTE GENERATED IN GOGEBIC COUNTY:  
(including commercial, industrial and residential) 8,253 Tons Per Year

TOTAL QUANTITY OF SOLID WASTE NEEDING DISPOSAL:  
13,613 Tons Per Year (total including Wisconsin)

## DATA BASE

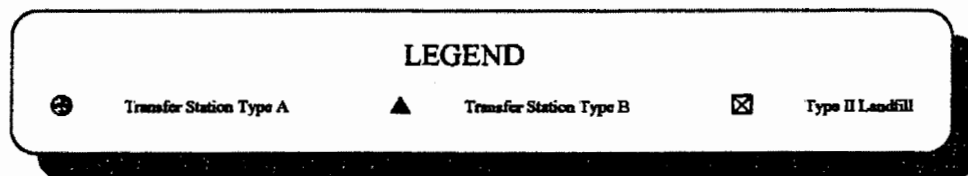
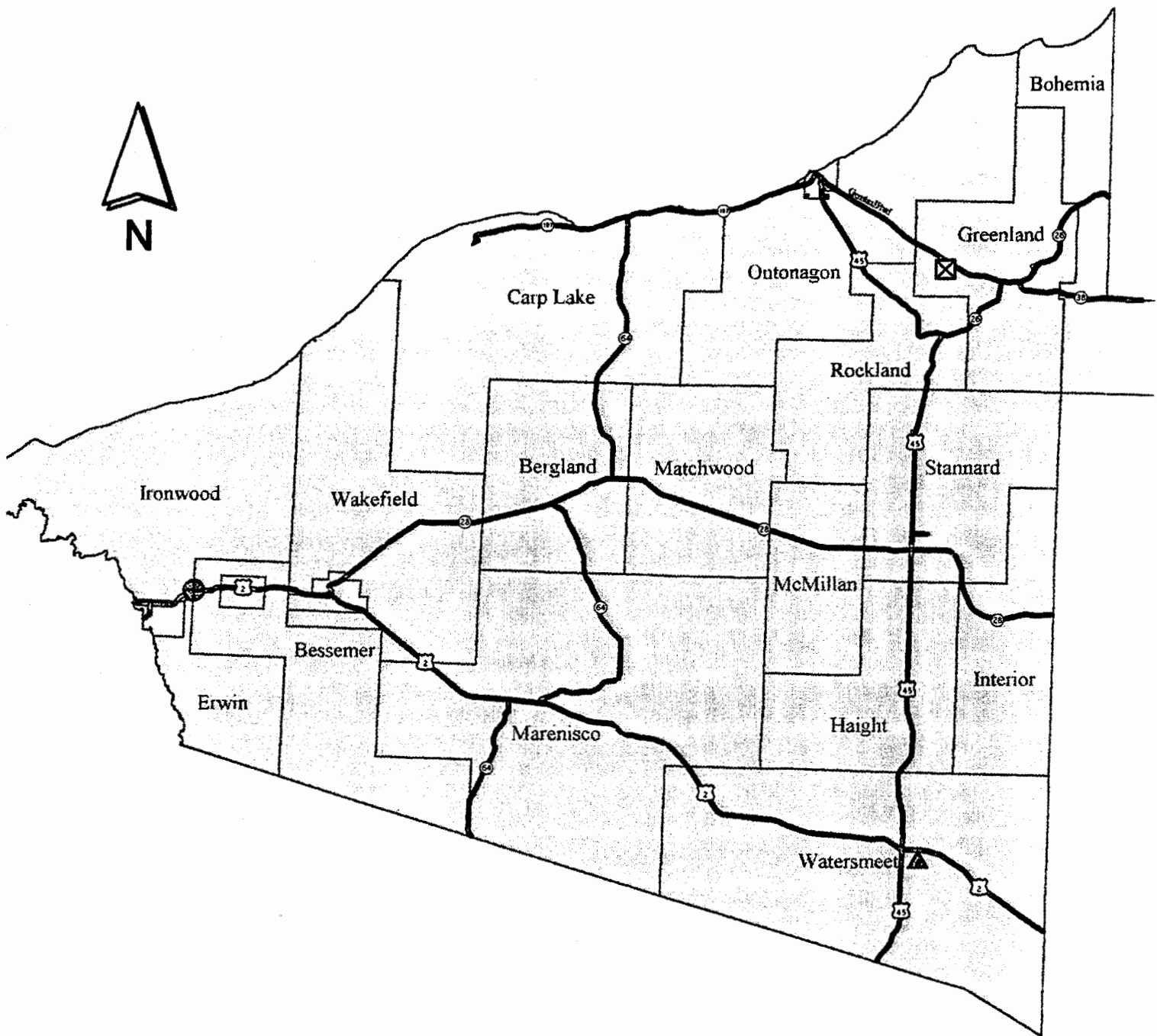
### WASTE DISPOSAL BY MUNICIPALITY\* MUNICIPAL, COMMERCIAL, INDUSTRIAL

UNIT OF GOVERNMENT	1990* POPULATION	1997 TONNAGE
Bessemer Township	1,361	263
Erwin Township.	464	216
Ironwood Township	2,317	1,240
Marenisco Township	920	.485
Wakefield Township	450	87
Watersmeet Township	1,148	680
Bessemer City	2,200	974
Ironwood City	6,573	3,450
Wakefield City	2,271	858
TOTALS	17,704	8,253
Wisconsin		5,360

\*Actual tonnage disposed of at transfer station.

\*SOURCE: 1990 U.S. Census

# SOLID WASTE FACILITIES



Prepared by: Western Upper Peninsula Planning & Development Regional Commission

## FACILITY DESCRIPTIONS

Section(s): S-1/2, N-1/4 and N-1/2, SE-1/4, Section 28

If facility is an incinerator or a transfer station, list the final disposal site and location for incinerator ash or transfer station wastes:

### Operating Status (check)

Waste Types Received (check all that apply)

<u>         X         </u>	residential
<u>         X         </u>	commercial
<u>         X         </u>	industrial
<u>         X         </u>	construction & demolition
<u>         X         </u>	contaminated soils
<u>         X         </u>	special wastes*
<u>                    </u>	other:

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

Special waste acceptable at a Type II landfill. Special permit conditions allow petroleum

contaminated soils and Niagara Paper Mill sludge as drain cover.

**Site Size:**

Total area of facility property:	<u>87</u>	acres
Total area sited for use:	<u>55</u>	acres
Total area permitted:	<u>55</u>	acres
Operating:	<u>20</u>	acres
Not excavated:	<u>35</u>	acres

Current capacity:	<u>2.7m</u>	tons or yds <sup>3</sup>
Estimated lifetime	<u>26</u>	years
Estimated days open per year:	<u>256</u>	days
Estimated yearly disposal volume:	<u>100,000</u>	tons or yds <sup>3</sup>
(If applicable)		
Annual energy production:		
Landfill gas recovery projects:	<u>n/a</u>	megawatts
Waste-to-energy incinerators:	<u>n/a</u>	megawatts

## FACILITY DESCRIPTIONS

Facility Name: Gogebic Range Solid Waste Management Authority

Map identifying location included in Attachment Section:   X   Yes             No

      Public   X  Private

Waste Types Received (check all that apply)

other: \_\_\_\_\_

5-b



**SOLID WASTE COLLECTION SERVICES  
AND TRANSPORTATION INFRASTRUCTURE**

The following describes the solid waste collection services and transportation infrastructure that will be utilized within the County to collect and transport solid waste.

**GOGEBIC COUNTY**

**RESIDENTIAL/COMMERCIAL/WASTE HAULERS AND SERVICE AREAS**

Township or Municipality	Superior Service	Bessemer Twp.	Bessemer City	Marenisco Twp.
Bessemer Twp.		X		
Erwin Twp.	X			
Ironwood Twp.	X			
Marenisco Twp.				X
Wakefield Twp.		X		
Watersmeet Twp.				
Bessemer City			X	
Ironwood City	X			
Wakefield City			X	

Marenisco Township contracts with L & R disposal.



## **DATA BASE**

### **EVALUATION OF DEFICIENCIES AND PROBLEMS**

The following is a description of problems or deficiencies in the existing solid waste system.

- ▶ High cost of demolition disposal (Type III waste)
- ▶ High cost of disposal provides incentive for woods dumping and burning at home
- ▶ High transportation costs
- ▶ Reciprocal agreement for landfill leachate disposal at municipal treatment facility

## DATA BASE

### DEMOGRAPHICS

The following presents the current and projected population densities and centers for approximately ten and fifteen year periods, identification of current and projected centers of solid waste generation including industrial solid waste for ten and fifteen year periods as related to the Selected Solid Waste Management System for the next five and ten year periods. Solid waste generation data is expressed in tons or cubic yards, and if it was extrapolated from yearly data, then it was calculated by using 365 days per year, and actual disposal average of 4.54 lbs./person/day.

Waste Generation (\*Tons/Year) Population Estimates (MDOT)

Township or Municipality	Population 1990	Waste Generation 1997	Population 2000	Waste Generation	Population 2005	Waste Generation	Population 2010	Waste Generation
Bessemer Township	1,374	263	1,535	684	1,581	704	1,603	714
Erwin Township	477	216	533	237	549	244	557	248
Ironwood Township	2,303	1,240	2,573	1,146	2,651	1,180	2,688	1,196
Marenisco Township	959	485	1,072	477	1,104	492	1,120	499
Wakefield Township	452	87	505	225	520	232	527	235
Watersmeet Township	1,048	680	1,171	521	1,206	537	1,223	544
Bessemer City	2,272	974	2,538	1,130	2,615	1,164	2,652	1,180
Ironwood City	6,849	3,450	7,653	3,408	7,884	3,511	7,996	3,561
Wakefield City	2,318	858	2,590	1,153	2,668	1,188	2,707	1,205
COUNTY	18,052	8,253*	20,170	8,981	20,778	9,252	21,073	9,382

\*Actual tonnage reported from transfer station in 1997. Including residential, commercial and industrial.

## DATA BASE

### LAND DEVELOPMENT

The following describes current and projected land development patterns, as related to the Selected Solid Waste Management System, for the next five and ten year periods.

Land uses in Gogebic County are typical of those found throughout the Upper Peninsula. It was primarily mining and forestry activities that attracted early settlers to the area. Towns grew up near resource production centers. The growing population prompted land uses such as farming, commercial, industrial, and others. Mining and lumbering still remain restricted viable land uses in Gogebic County.

The County participated in a comprehensive survey in the early 1980's under the provisions of Part 609, Resource Inventory, of the Natural Resources and Environmental Protection Act, 1994 PA 451 as amended which was enacted to obtain land use information on a statewide basis. The maps produced through this project made up the Michigan Resource Information System (MIRIS) which have been very useful in state and local planning efforts.

Using the MIRIS data from the mid 1980's and comparing it with the land use data, the areas used for commercial/industrial and residential use grew with the forest/agricultural lands decreasing to accommodate growth.

Residential land use has also increased throughout the County. Most of the growth has been in the urban corridor between Wakefield and Ironwood. There also seems to be a significant amount of development associated with water bodies throughout the County.

The current down trend in population we are experiencing in the County (\*1980 - 19,686; 1990 - 18,052; 1997 - 17,439) probably will prevent any significant land use changes in the County over the next five to ten years.

\*Source: U.S. Bureau of the Census, 1980 and 1990  
U.S. Bureau of the Census, for 1997, issued March 17, 1998

## **DATA BASE**

### **SOLID WASTE MANAGEMENT ALTERNATIVES**

The following briefly describes all solid waste management systems considered by the County and how each alternative will meet the needs of the County.

#### **ALTERNATIVE 1**

Consists of two transfer stations serving the entire County, one station in Bessemer Township and another located in Watersmeet Township. Primary disposal for both will be K & W Landfill located in Ontonagon County.

#### **ALTERNATIVE 2**

After evaluation of the cost associated with the construction of a Type II landfill to serve the County, it was determined that it was not economically feasible.

#### **ALTERNATIVE 3**

##### **Incineration**

At this time incineration has been eliminated due to the high cost associated with development and low volumes of work generated in the county.

## SELECTED SYSTEM

# THE SELECTED SOLID WASTE MANAGEMENT SYSTEM

The Selected Solid Waste Management System (Selected System) is a comprehensive approach to managing the County's solid waste and recoverable materials. The Selected System addresses the generation, transfer and disposal of the County's solid waste. It aims to reduce the amount of solid waste sent for final disposal by volume reduction techniques and by various resource conservation and resource recovery. It also addresses collection processes and transportation needs that provide the most cost effective, efficient service. Proposed disposal area locations and capacity to accept solid waste are identified as well as program management, funding, and enforcement roles for local agencies:

The major components of this system (Alternative 1) includes transfer and disposal at a single private landfill.

Act 154 of 1981, as amended, authorizes any two or more cities, villages or townships to create a collection or disposal authority and allows non-member of the authority. Member municipalities may pay contract requirements through taxes or general fund.

The Gogebic Range Solid Waste Authority, established under Act 154 of 1981, shall allow those authorized to use the transfer station to participate on a membership or contractual basis. The Authority shall enter into agreements and provide services to all members and contractors in a fair and equitable manner.

The Plan prepared by Gogebic County includes a provision for the existing Gogebic Range Solid Waste Authority membership to be expanded to include any unit of government from neighboring Wisconsin. Units of government in Wisconsin could also enter into a contractual agreement with the Gogebic Range Solid Waste Authority. However, the Gogebic County Solid Waste Management Plan must be amended to include any additional service area and must identify specific sources and quantities of waste imported for service at the transfer station. In addition, since Gogebic County must rely on the K & W Landfill in Ontonagon County for primary disposal, the Ontonagon County Solid Waste Management Plan will also have to allow the importation of solid wastes for disposal from those sources.



RETURN TO  
APPROVAL  
LETTER

The Gogebic Range Solid Waste Authority, presently consisting of one representative from each participating unit, coordinates all collection and disposal activities in the County. The Authority contracts with a private firm for the disposal of refuse. It does (1) establish procedures and operational schedules, (2) encourages efficiency of the system, and (3) develop public support and cooperation. A thorough monitoring of the on-going operations are conducted in order to ensure effectiveness and economy.

Any local unit of government may enter into a contract with a private firm for collection service. However, all Type II and Type III (as outlined under Transfer and Flow Control) solid waste generated in the County, with the exception of Watersmeet Township, must be transported through the transfer station in Bessemer Township. This allows local units of government to maintain an element of control over the collection operation and provide the opportunity to maintain effective service and customer satisfaction.

### FINANCING

The cost of operating the transfer station is borne by the users who are paying tipping fees which are based on scaled tons and pay per bag. The tipping fee also reflects a reserve to be used for equipment maintenance and replacement.

### PRIMARY DISPOSAL CAPACITY

The Gogebic Range Solid Waste Management Authority, presently consisting of the City of Bessemer, City of Wakefield, and the Townships of Bessemer, Erwin, Wakefield, Ironwood and Marenisco, operates a solid waste transfer station in Bessemer Township. The location of the transfer station is adjacent to U.S. Highway 2. In 1988, the Clean Michigan fund provided \$300,000 of grant money to assist Gogebic County in the construction of this facility. The Authority took the lead to construct and operate the facility.

The Gogebic Range Solid Waste Authority has signed a transportation and disposal contract with Superior Waste and K & W Landfill of Ontonagon County. A recycling center has been established at the transfer station and the City of Bessemer has a recycling program. In addition to handling the County's disposal needs, the Authority has agreed to continue with an on-going program to insure a high participation rate for resource recovery.

Watersmeet Township contracts with Superior Waste for transportation and disposal and are exempted from the county flow control and also use primary disposal at the K & W Landfill.

### Transfer Station and Flow Control

The primary disposal facility available to Gogebic County for disposal of solid waste is the K & W Landfill in Ontonagon County.

- ▶ All residential solid waste generated in Gogebic County must use the transfer station operated by the Gogebic Range Solid Waste Authority, with the exception of Watersmeet Township which may direct haul their wastes to the disposal facility.
- ▶ All Type III from commercial and industrial sources in Gogebic County which are serviced by 20 cubic yard (or larger) containers may be direct hauled to the landfill.
- ▶ Industry may site a facility for disposal of solid waste generated solely by that industry at its facility in Gogebic County. A solid waste disposal facility of this type is determined to be consistent with the Gogebic County Solid waste Management Plan and is not subject to the siting criteria defined by this Plan.

- ▶ All Type II and Type III commercial wastes transported in containers of less than 20 cubic yards must use the transfer station.

**Authorized Exportation of Solid Waste from Gogebic County**

The plan prepared by Gogebic County authorizes the exportation of wastes from Watersmeet Township to the K & W Landfill in Ontonagon County and the Gogebic Range Transfer Station in Ironwood.

## 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 NAME <sup>1</sup>	AUTHORIZED QUANTITY/DAY	AUTHORIZED QUANTITY/ANNUAL	AUTHORIZED CONDITIONS <sup>2</sup>
N/A					

\_\_\_\_ 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.



## 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 <sup>1</sup>	AUTHORIZED QUANTITY/DAILY	AUTHORIZED QUANTITY/ANNUAL	AUTHORIZED CONDITIONS <sup>2</sup>
N/A					

\_\_\_\_ 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.

## 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/DAY	AUTHORIZED QUANTITY/ANNUAL	AUTHORIZED CONDITIONS <sup>2</sup>
Gogebic	Ontonagon	K & W Landfill		All - Types II & III	P
Gogebic	Menominee	Michigan Environs			C
Gogebic	Alger	Wood Island			C

\_\_\_\_ 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 on pages III-2 and III-3.

## SELECTED SYSTEM

If a new solid waste disposal area is constructed and operates in the future in another County, then disposal of solid waste generated by the EXPORTING COUNTY is authorized up to the AUTHORIZED QUANTITY according to the AUTHORIZED CONDITIONS in Table 2-B if authorized for import in the approved Solid Waste Management Plan of the receiving County.

Table 2-B

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

EXPORTING COUNTY	IMPORTING COUNTY	FACILITY NAME <sup>1</sup> DAILY	AUTHORIZED QUANTITY/ANNUAL	AUTHORIZED QUANTITY/ANNUAL	AUTHORIZED CONDITIONS <sup>2</sup>
N/A					

\_\_\_\_ 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.

## 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:

K & W Landfill

#### Type A Transfer Facility:

Gogebic Range Solid Waste Authority

#### Type B Transfer Facility:

Watersmeet Township

#### Type III Landfill:

#### Processing Plant:

#### Incinerator:

#### Waste Piles:

#### Waste-to-Energy Incinerator:

#### Other:

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.

## SELECTED SYSTEM

### FACILITY DESCRIPTIONS

Facility Type: Type II Landfill

Facility Name: K & W Landfill, Inc.

County: Ontonagon Location: Town: 51N Range: 38W

Section(s): S-1/2, N-1/4 and N-1/2, SE-1/4, Section 28

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: \_\_\_\_\_

       Public   X   Private Owner: K & W Landfill, Inc.

#### Operating Status (check)

  X   open  
       closed  
  X   licensed  
       unlicensed  
  X   construction permit  
       open, but closure  
       pending

#### Waste Types Received (check all that apply)

  X   residential  
  X   commercial  
  X   industrial  
  X   construction & demolition  
  X   contaminated soils  
  X   special wastes\*  
       other: \_\_\_\_\_

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

Special waste acceptable at a Type II landfill. Special permit conditions allow petroleum

contaminated soils and Niagara Paper Mill sludge as drain cover.

#### Site Size:

Total area of facility property: 87 acres

Total area sited for use: 55 acres

Total area permitted: 55 acres

Operating: 20 acres

Not excavated: 35 acres

Current capacity: 2.7m tons or yds<sup>3</sup>

Estimated lifetime: 26 years

Estimated days open per year: 256 days

Estimated yearly disposal volume: 100,000 tons or yds<sup>3</sup>

(If applicable)

Annual energy production:

Landfill gas recovery projects: n/a megawatts

Waste-to-energy incinerators: n/a megawatts

## SELECTED SYSTEM

Identification of sources of waste generation within the county, total quantity of solid waste generated to be disposed, and sources of the information.

## FACILITY DESCRIPTIONS

Facility Type: Solid Waste Transfer Station, Type A

Facility Name: Gogebic Range Solid Waste Management Authority (GRSWMA)

County: Gogebic Location: Town: 47N Range: 46W Section(s): 18

Map identifying location included in Attachment Section: Yes X No

If facility is an incinerator or a transfer station, list the final disposal site and location for incinerator ash or transfer station wastes: K & W Landfill, Greenland Township, Ontonagon, MI 49953

Public X Private

Owner: GRSWMA

### Operating Status (check)

x open  
       closed  
x licensed  
       unlicensed  
       construction permit  
       open, but closure  
       pending

### Waste Types Received (check all that apply)

x residential  
x commercial  
x industrial  
x construction & demolition  
       contaminated soils  
       special wastes\*  
       other:                     

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

### Site Size:

Total area of facility property: 10 acres  
Total area sited for use: 10 acres  
Total area permitted: 10 acres  
Operating: 7 acres  
Not excavated: 3 acres

Current capacity: 14,000 tons or yds<sup>3</sup>  
Estimated lifetime:        years  
Estimated days open per year: 313 days  
Estimated yearly disposal volume: 13,600 tons or yds<sup>3</sup>

(If applicable)

Annual energy production:

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

## SELECTED SYSTEM

### FACILITY DESCRIPTIONS

Facility Type: Transfer Station - Type B

Facility Name: Watersmeet Transfer Station

County: Gogebic Location: Section 22 Town: 45N Range: 39W

Map identifying location included in Attachment Section: Yes X No

If facility is an incinerator or a transfer station, list the final disposal site and location for incinerator ash or transfer station wastes: K & W Landfill, 5436 State Highway M-38, Ontonagon, MI 49953

X Public Private Owner: Watersmeet Township

#### Operating Status (check)

X open  
closed  
X licensed  
unlicensed  
X construction permit  
open, but closure  
pending

#### Waste Types Received (check all that apply)

X residential  
X commercial  
X industrial  
X construction & demolition  
X contaminated soils  
X special wastes\*  
other:

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

Special waste acceptable at a Type II landfill. Special permit conditions allow petroleum

contaminated soils and Niagara Paper Mill sludge as drain cover.

#### Site Size:

Total area of facility property: 87 acres

Total area sited for use: 55 acres

Total area permitted: 55 acres

Operating: 20 acres

Not excavated: 35 acres

Current capacity: 2.7m tons or yds<sup>3</sup>

Estimated lifetime: 26 years

Estimated days open per year: 256 days

Estimated yearly disposal volume: 100,000 tons or yds<sup>3</sup>

(If applicable)

Annual energy production:

Landfill gas recovery projects: n/a megawatts

Waste-to-energy incinerators: n/a megawatts

## **SELECTED SYSTEM**

### **SOLID WASTE COLLECTION SERVICES AND TRANSPORTATION:**

The following describes the solid waste collection services and transportation infrastructure which will be utilized within the County to collect and transport solid waste.

Superior Waste Service (SWS) provides residential curb service and commercial hand and container service to all of the County.

Residential service is varied. SWS provides curbside service through municipal contracts (where they service the entire city or township), individual customer subscription service, or pay per bag service. All residential services are provided with a rear end load collection vehicle. SWS also has a drop off box located at K & W Landfill.

Commercial service is provided to customers as a curbside hand pick up or as containerized service. Containers range in size from 1.5 cubic yards to 50 cubic yards. Containers 12 cubic yards and larger are rolloff containers. Containers less than 12 cubic yards and all hand pickups are serviced with a rear end load collection vehicle.

All waste that is collected in the County, with the exception of industrial waste, is taken to the Gogebic Range Solid Waste Authority transfer station and ultimately disposed of at the K & W Landfill in Ontonagon County.

The Gogebic Range Solid Waste Authority contracts with Superior Waste to provide and haul transfer trailers from the station to K & W Landfill in Ontonagon County.

The Cities of Bessemer and Wakefield provide residential and commercial pickup within their City limits using a pay/bag system for residential. Bessemer Township provides residential service in both their own limits and for Wakefield Township using a bag system also.



## SELECTED SYSTEM

### RESOURCE CONSERVATION EFFORTS:

The following describes the selected system's proposed conservation efforts to reduce the amount of solid waste generated throughout the County. The annual amount of solid waste currently or proposed to be diverted from landfills and incinerators is estimated for each effort to be used, if possible. Since conservation efforts are provided voluntarily and change with technologies and public awareness, it is not this Plan update's intention to limit the efforts to only what is listed. Instead citizens, businesses, and industries are encouraged to explore the options available to their lifestyles, practices, and processes which will reduce the amount of materials requiring disposal.

Effort Description	Est. Diversion Tons/Year		
	<u>Current</u>	<u>5th Yr.</u>	<u>10th yr.</u>
Source Reduction			
No set diversion			

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

## SELECTED SYSTEM

### Source Reduction

The optimum technique for managing solid waste is to reduce the quantity of waste generated. Of solid waste management activities, source reduction occupies the top of the hierarchy followed by recycling (including composting) and disposal (including combustion and landfilling). The U.S. Environmental Protection Agency defines source reduction as "activities designed to reduce the volume or toxicity of waste generated including the design and manufacture of products with minimum toxic content, minimum volume of material, and/or a longer useful life".

Source reduction differs from all other solid waste management activities. Recycling and disposal options all come into play after goods have been produced. Source reduction takes place before materials have been identified as waste. Four basic methods for achieving this have been identified:

Reduced Resource Used Per Product - This is source reduction through redesigning of products and packaging. Several products such as autos, newspapers, steel cans, glass bottles, and corrugated packaging have illustrated this.

Increased Product Lifetime - More durable and longer-lived products increases the time from purchase to disposal and decreases the number of items to be disposed.

Products Reuse - This concept is to reuse a product without changing its original form. Bringing bags back to the grocery store to use again exemplifies this type of source reduction. There are also some types of beverage containers that are returned, washed and refilled.

Decreased Consumption of Consumer Products - This is the logical elimination of unnecessary products which become solid waste. One example of unnecessary consumption is the bagging of single items in a retail store.

Though source reduction is probably the best place to manage solid waste, initiating a program at the local level would be difficult. To have much effect, these programs need implementation at the state or national level.

## SELECTED SYSTEM

### WASTE REDUCTION, RECYCLING & COMPOSTING PROGRAMS

#### Volume Reduction Techniques

The following describes the techniques used and proposed to be used throughout the County which reduces the volume of solid waste requiring disposal. The annual amount of landfill air space not used as a result of each of these techniques is estimated. Since volume reduction is practiced voluntarily and because technologies change and equipment may need replacing, it is not this Plan update's intention to limit the techniques to only what is listed. Persons within the County are encouraged to utilize the technique that provides the most efficient and practical volume reduction for their needs. Documentation explaining achievements of implemented programs or expected results of proposed programs is attached.

Technique Description	Est. Air Space Conserved Yds. <sup>3</sup> /Yr.		
	<u>Current</u>	<u>5th Yr.</u>	<u>10th yr.</u>
Waste Compaction			
Recycling	572/tons	600	--
Composting	165/tons	200	--

\_\_\_\_ Additional efforts and the above information for those efforts are listed on an attached page.

## SELECTED SYSTEM

### Overview of Resource Recovery Programs:

The following describes the type and volume of material in the County's waste stream that may be available for recycling or composting programs. How conditions in the County affect or may affect a recycling or composting program and potential benefits derived from these programs is also discussed. Impediments to recycling or composting programs which exist or which may exist in the future are listed, followed by a discussion regarding reducing or eliminating such impediments.

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- ☐ Recycling programs within the County are feasible. Details of existing and planned programs are included on the following pages. (See below)
- ☐ Recycling programs for the County have been evaluated and it has been determined that it is not feasible to conduct any programs because of the following:

The Gogebic Range Solid Waste Authority operates a recycling drop-off center at the  
transfer station. See Appendix A.

## SELECTED SYSTEM

- ☐ Composting programs within the County are feasible. Details of existing and planned programs are included on the following pages. (See below)
- ☐ Composting programs for the County have been evaluated and it has been determined that it is not feasible to conduct any programs because of the following:

The Gogebic Range Solid Waste Authority operates a composting drop-off center for County residents. They rent a tub grinder when necessary and station employees use a chipper to chip small branches.

- ☐ Programs for source separation of potentially hazardous materials are feasible and details are included on the following pages.
- ☒ Separation of potentially hazardous materials from the County's waste stream has been evaluated and it has been determined that it is not feasible to conduct any separation programs because of the following:

Cost associated with diversion are too high

## **SELECTED SYSTEM**

### **RECYCLING AND COMPOSTING**

The following is a brief analysis of the recycling and composting programs selected for the County in this Plan. Additional information on operation of recycling and composting programs is included in Appendix A. The analysis covers various factors within the County and the impacts of these factors on recycling and composting. Following the written analysis, the tables on pages III-18, 19, & 20 list the existing recycling, composting, and source separation of hazardous materials programs that are currently active in the County and which will be continued as part of this Plan. The second group of three tables on pages III-21, 22, & 23 list the recycling, composting, and source separation of hazardous materials programs that are proposed in the future for the County. It is not this Plan update's intent to prohibit additional programs or expansions of current programs to be implemented beyond those listed.

There are a number of recycling activities taking place in Gogebic County. The most active program is a drop-off recycling and composting program operated at the Gogebic County Solid Waste Authority's transfer station. Quantities of materials received and costs of operation can be found in Appendix A.

Other activities in the County include scrap metal dealers and grocery stores recycling small quantities of cardboard. Superior Waste also provides limited recycling as part of their commercial pickup operations.



## SELECTED SYSTEM

TABLE III-1

### RECYCLING:

<u>Program Name</u>	<u>Service Area<sup>1</sup></u>	<u>Public or Private</u>	<u>Collection Point<sup>3</sup></u>	<u>Collection Frequency<sup>4</sup></u>	<u>Materials Collected<sup>5</sup></u>	<u>Program Management Development</u>	<u>Responsibilities<sup>2</sup> Operation</u>	<u>Evaluation</u>
Gogebic Solid Waste Authority	Members	Public	Transfer Station		See Appendix A	Authority	Authority	Authority

\_\_\_\_ Additional programs and the above information for those programs are listed on an attached page.

<sup>1</sup>Identified by where the program will be offered. If throughout the planning area, then listed by planning area; if only in specific counties, then

listed by county if only in specific municipalities, then listed by its name and respective county.

<sup>2</sup>Identified by 1 = Designated Planning Agency; 2 = County Board of Commissioners; 3 = Department of Public Works; 4 = Environmental

Group (Identified on page 24); 5 = Private Owner/Operator; 6 = Other (Identified on page 24).

<sup>3</sup>Identified by c = curbside; d = drop-off; o = onsite; and if other, explained.

<sup>4</sup>Identified by d = daily; w = weekly; b = biweekly; m = monthly; and if seasonal service also indicated by Sp = Spring; Su = Summer; Fa = Fall; Wi = Winter.

<sup>5</sup>Identified by the materials collected by listing of the letter located by that material type. A = Plastics; B = Newspaper; C = Corrugated Containers; D = Other Paper; E = Glass; F = Metals; P = Pallets; J = Construction/Demolition; K = Tires; L1, L2, etc. = as identified on Page 25.



# SELECTED SYSTEM

TABLE III-2

## COMPOSTING:

<u>Program Name</u>	<u>Service Area<sup>1</sup></u>	<u>Public or Private</u>	<u>Collection Point<sup>3</sup></u>	<u>Collection Frequency<sup>4</sup></u>	<u>Materials Collected<sup>5</sup></u>	<u>Program Management Responsibilities<sup>2</sup></u>		
<u>Development</u>	<u>Operation</u>	<u>Evaluation</u>						
Gogebic Solid Waste Authority	Member	Public	Transfer Station		G.L.W	Authority	Authority	Authority

\_\_\_\_ Additional programs and the above information for those programs are listed on an attached page.

<sup>1</sup>Identified by where the program will be offered. If throughout the planning area, then listed by planning area; if only in specific counties, then listed by county if only in specific municipalities, then listed by its name and respective county.

<sup>2</sup>Identified by 1 = Designated Planning Agency; 2 = County Board of Commissioners; 3 = Department of Public Works; 4 = Environmental Group (Identified on page 24); 5 = Private Owner/Operator; 6 = Other (Identified on page 24).

<sup>3</sup>Identified by c = curbside; d = drop-off; o = onsite; and if other, explained.

<sup>4</sup>Identified by d = daily; w = weekly; b = biweekly; m = monthly; and if seasonal service also indicated by Sp = Spring; Su = Summer; Fa = Fall; Wi = Winter.

<sup>5</sup>Identified by the materials collected by listing of the letter located by that material type. G = Grass Clippings; L = Leaves; F = Food; W = Wood; P = Paper; S = Municipal Sewage Sludge; A = Animal Waste/Bedding; M = Municipal Solid Waste; L1, L2 etc. = as identified on page 25.





## SELECTED SYSTEM

TABLE III-3

### SOURCE SEPARATION OF POTENTIALLY HAZARDOUS MATERIALS:

Since improper disposal of nonregulated hazardous materials has the potential to create risks to the environment and human health, the following programs have been implemented to remove these materials from the County's solid waste stream.

<u>Program Name</u>	<u>Service Area<sup>1</sup></u>	<u>Public or Private</u>	<u>Collection Point<sup>3</sup></u>	<u>Collection Frequency<sup>4</sup></u>	<u>Materials Collected<sup>5</sup></u>	<u>Program Management</u>	<u>Responsibilities<sup>2</sup></u>	
<u>Development</u>	<u>Operation</u>	<u>Evaluation</u>						
N/A								

\_\_\_\_ Additional programs and the above information for those programs are listed on an attached page.

<sup>1</sup>Identified by where the program will be offered. If throughout the planning area, then listed by planning area; if only in specific counties, then listed by county if only in specific municipalities, then listed by its name and respective county.

<sup>2</sup>Identified by 1 = Designated Planning Agency; 2 = County Board of Commissioners; 3 = Department of Public Works; 4 = Environmental Group (Identified on page 24); 5 = Private Owner/Operator; 6 = Other (Identified on page 24).

<sup>3</sup>Identified by c = curbside; d = drop-off; o = onsite; and if other, explained.

<sup>4</sup>Identified by d = daily; w = weekly; b = biweekly; m = monthly; and is seasonal service also indicated by Sp = Spring; Su = Summer; Fa = Fall; Wi = Winter.

<sup>5</sup>Identified by the materials collected by listing of the letter located by that material type. AR = Aerosol Cans; A = Automotive Products except Used Oil, Oil Filters & Antifreeze; AN = Antifreeze; B1 = Lead Acid Batteries; B2 = Household Batteries; C - Cleaners and Polishers; H = Hobby and Art Supplies; OF = Used Oil Filters; P = Paints and Solvents; PS = Pesticides and Herbicides; PH = Personal and Health Care Products; U = Used Oil; OT = Other Materials and identified.

**SELECTED SYSTEM**

**TABLE III-4**

**PROPOSED RECYCLING:**

<u>Program Name</u> (If known)	<u>Service Area</u> <sup>1</sup>	<u>Public or Private</u>	<u>Collection Point</u> <sup>3</sup>	<u>Collection Frequency</u> <sup>4</sup>	<u>Materials Collected</u> <sup>5</sup>	<u>Program Management</u>	<u>Responsibilities</u> <sup>2</sup>	
<u>Development</u>	<u>Operation</u>	<u>Evaluation</u>						
N/A								

\_\_\_\_ Additional programs and the above information for those programs are listed on an attached page.

<sup>1</sup>Identified by where the program will be offered. If throughout the planning area, then listed by planning area; if only in specific counties, then listed by county if only in specific municipalities, then listed by its name and respective county.

<sup>2</sup>Identified by 1 = Designated Planning Agency; 2 = County Board of Commissioners; 3 = Department of Public Works; 4 = Environmental Group (Identified on page 24); 5 = Private Owner/Operator; 6 = Other (Identified on page 24).

<sup>3</sup>Identified by c = curbside; d = drop-off; o = onsite; and if other, explained.

<sup>4</sup>Identified by d = daily; w = weekly; b = biweekly; m = monthly; and if seasonal service also indicated by Sp = Spring; Su = Summer; Fa = Fall; Wi = Winter.

<sup>5</sup>Identified by the materials collected by listing of the letter located by that material type. A = Plastics; B = Newspaper; C = Corrugated Containers; D = Other Paper; E = Glass; F = Metals; P = Pallets; J = Construction/Demolition; K = Tires; L1, L2, etc. = as identified on Page 25.



## SELECTED SYSTEM

TABLE III-5

### PROPOSED COMPOSTING:

<u>Program Name</u> (If known)	<u>Service</u> <u>Area</u> <sup>1</sup>	<u>Public or</u> <u>Private</u>	<u>Collection</u> <u>Point</u> <sup>3</sup>	<u>Collection</u> <u>Frequency</u> <sup>4</sup>	<u>Materials</u> <u>Collected</u> <sup>5</sup>	<u>Program Management</u> <u>Development</u>	<u>Responsibilities</u> <sup>2</sup> <u>Operation</u>	<u>Evaluation</u>
N/A								

\_\_\_\_ Additional programs and the above information for those programs are listed on an attached page.

<sup>1</sup>Identified by where the program will be offered. If throughout the planning area, then listed by planning area; if only in specific counties, then listed by county if only in specific municipalities, then listed by its name and respective county.

<sup>2</sup>Identified by 1 = Designated Planning Agency; 2 = County Board of Commissioners; 3 = Department of Public Works; 4 = Environmental Group (Identified on page 24); 5 = Private Owner/Operator; 6 = Other (Identified on page 24).

<sup>3</sup>Identified by c = curbside; d = drop-off; o = onsite; and if other, explained.

<sup>4</sup>Identified by d = daily; w = weekly; b = biweekly; m = monthly; and if seasonal service also indicated by Sp = Spring; Su = Summer; Fa = Fall; Wi = Winter.

<sup>5</sup>Identified by the materials collected by listing of the letter located by that material type. G = Grass Clippings; L = Leaves; F = Food; W = Wood; P = Paper; S = Municipal Sewage Sludge; A = Animal Waste/Bedding; M = Municipal Solid Waste; L1 L2, etc. = as identified on page 25.



## SELECTED SYSTEM

TABLE III-6

### PROPOSED SOURCE SEPARATION OF POTENTIALLY HAZARDOUS MATERIALS:

<u>Program Name</u> (If known)	<u>Service Area</u> <sup>1</sup>	<u>Public or Private</u>	<u>Collection Point</u> <sup>3</sup>	<u>Collection Frequency</u> <sup>4</sup>	<u>Materials Collected</u> <sup>5</sup>	<u>Program Management Responsibilities</u> <sup>2</sup>		
<u>Development</u>	<u>Operation</u>	<u>Evaluation</u>						
N/A								

\_\_\_\_ Additional programs and the above information for those programs are listed on an attached page.

<sup>1</sup>Identified by where the program will be offered. If throughout the planning area, then listed by planning area; if only in specific counties, then listed by county if only in specific municipalities, then listed by its name and respective county.

<sup>2</sup>Identified by 1 = Designated Planning Agency; 2 = County Board of Commissioners; 3 = Department of Public Works; 4 = Environmental Group (Identified on page 24); 5 = Private Owner/Operator; 6 = Other (Identified on page 24).

<sup>3</sup>Identified by c= curbside; d = drop-off; o = onsite; and if other, explained.

<sup>4</sup>Identified by d = daily; w = weekly; b = biweekly; m = monthly; and if seasonal service also indicated by Sp = Spring; Su = Summer; Fa = Fall; Wi = Winter.

<sup>5</sup>Identified by the materials collected by listing of the letter located by that material type. AR = Aerosol Cans; A = Automotive Products except Used Oil, Oil Filters & Antifreeze; AN = Antifreeze; B1 = Lead Acid Batteries; B2 = Household Batteries; C = Cleaners and Polishers; H = Hobby and Art Supplies; OF - Used Oil Filters; P = Paints and Solvents; PS = Pesticides and Herbicides; PH = Personal and Health Care Products; U = Used Oil; OT = Other Materials and identified.

## **SELECTED SYSTEM**

### **IDENTIFICATION OF RESOURCE RECOVERY MANAGEMENT ENTITIES:**

The following identifies those public and private parties, and the resource recovery or recycling programs for which they have management responsibilities.

#### **Environmental Groups:**

**Other:** Gogebic Range Solid Waste Authority Recycling and Composting Drop-Off Center.

## SELECTED SYSTEM

### PROJECTED DIVERSION RATES:

The following estimates the annual amount of solid waste which is expected to be diverted from landfills and incinerators as a result of the current resource recovery programs and in five and ten years.

<u>Collected Material:</u>	<u>Projected Annual Tons Diverted:</u>			<u>Collected Material:</u>	<u>Projected Annual Tons Diverted:</u>		
	Current	5th Year	10th Yr		Current	5th Yr	10th Yr
A. TOTAL PLASTICS	<u>16</u>	<u>20</u>	<u>30</u>	G. GRASS & LEAVES	<u>165</u>	<u>180</u>	<u>200</u>
B. NEWSPAPERS	<u>105</u>	<u>120</u>	<u>130</u>	H. TOTAL WOOD WASTE:	<u>          </u>	<u>          </u>	<u>          </u>
C. CORRUGATED CONTAINERS:	<u>136</u>	<u>150</u>	<u>170</u>	I. CONSTRUCTION & DEMOLITION:	<u>          </u>	<u>          </u>	<u>          </u>
D. TOTAL OTHER PAPER:	<u>5</u>	<u>8</u>	<u>10</u>	J. FOOD & FOOD PROCESSING:	<u>          </u>	<u>          </u>	<u>          </u>
E. TOTAL GLASS:	<u>34</u>	<u>40</u>	<u>50</u>	K. TIRES:	<u>41</u>	<u>50</u>	<u>60</u>
F. OTHER MATERIALS:				L. TOTAL METALS:	<u>100</u>	<u>110</u>	<u>130</u>
F1. <u>Magazines</u>	<u>102</u>	<u>120</u>	<u>140</u>	F3. <u>                    </u>	<u>          </u>	<u>          </u>	<u>          </u>
F2. <u>                    </u>	<u>          </u>	<u>          </u>	<u>          </u>	F4. <u>                    </u>	<u>          </u>	<u>          </u>	<u>          </u>

### MARKET AVAILABILITY FOR COLLECTED MATERIALS:

The following identifies how much volume that existing markets are able to utilize of the recovered materials which were diverted from the County's solid waste stream.

<u>Collected Material</u>	<u>In-State Markets</u>	<u>Out of State Markets</u>	<u>Collected Material</u>	<u>In-State Markets</u>	<u>Out-of-State Markets</u>
A. TOTAL PLASTICS	<u>          </u>	<u>x</u>	G. GRASS & LEAVES:	<u>x</u>	<u>          </u>
B. NEWSPAPER:	<u>          </u>	<u>x</u>	H. TOTAL WOOD WASTE:	<u>          </u>	<u>          </u>
C. CORRUGATED CONTAINERS:	<u>          </u>	<u>x</u>	I. CONSTRUCTION & DEMOLITION:	<u>          </u>	<u>          </u>
D. TOTAL OTHER PAPER:	<u>          </u>	<u>x</u>	J. FOOD & FOOD PROCESSING:	<u>          </u>	<u>          </u>
E. TOTAL GLASS:	<u>          </u>	<u>x</u>	K. TIRES:	<u>          </u>	<u>x</u>
F. OTHER MATERIALS:			L. TOTAL METALS:	<u>x</u>	<u>          </u>
F1. <u>Magazines</u>	<u>          </u>	<u>x</u>	F3. <u>                    </u>	<u>          </u>	<u>          </u>
F2. <u>                    </u>	<u>          </u>	<u>          </u>	F4. <u>                    </u>	<u>          </u>	<u>          </u>

## SELECTED SYSTEM

### EDUCATIONAL AND INFORMATIONAL PROGRAMS:

It is often necessary to provide educational and informational programs regarding the various components of a solid waste management system before and during its implementation. These programs are offered to avoid miscommunication which results in improper handling of solid waste and to provide assistance to the various entities who participate in such programs as waste reduction and waste recovery. Following is a list of the programs offered or proposed to be offered in this County.

<u>Program Topic</u> <sup>1</sup>	<u>Delivery Medium</u> <sup>2</sup>	<u>Targeted Audience</u> <sup>3</sup>	<u>Program Provider</u> <sup>4</sup>
N/A			

<sup>1</sup>Identified by 1 = recycling; 2 = composting; 3 = household hazardous waste; 4 = resource conservation; 5 = volume reduction; 6 = other which is explained.

<sup>2</sup>Identified by w = workshop; r = radio; t = television; n = newspaper; o = organizational newsletter; f = flyers; e = exhibits and locations listed; and ot = other which is explained.

<sup>3</sup>Identified by p = general public; b = business; i = industry; s = students with grade levels listed. In addition if the program is limited to a geographic area, then that county, city, village, etc. is listed.

<sup>4</sup>Identified by EX = MSU Extension; EG - Environmental Group (Identify name); OO - Private Owner/Operator (Identify name); HD = Health Department (Identify name); DPA = Designated Planning Agency; CU = College/University (Identify name); LS = Local School (Identify name); ISD = Intermediate School District (Identify name); O = Other which is explained.

\_\_\_\_ Additional efforts and the above information for those efforts are listed in Appendix E.

## SELECTED SYSTEM

### TIMETABLE FOR SELECTED SYSTEM IMPLEMENTATION

This timetable is a guideline to implement components of the Selected System. The Timeline gives a range of time in which the component will be implemented such as "1995-1999" or "On-going." Timelines may be adjusted later, if necessary.

TABLE III-7

Management Component	Timeline
Selected Alternative I	On-going



## **SELECTED SYSTEM**

### **SITING REVIEW PROCEDURES**

#### **AUTHORIZED DISPOSAL AREA TYPES**

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.

Incineration, New Type A transfer facilities

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#### **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.

#### **INDUSTRIAL DISPOSAL**

Several local boards in Gogebic County and the planning committee have indicated that they are in favor of encouraging industrial development within the County. In order to address this concern, the Gogebic County Solid Waste Management Plan authorizes the development of either a Type II or Type III industrial solid waste disposal facility in any township or city located in the County. Specifically, industry may site a facility for disposal of solid wastes generated solely by that industry at its facility in Gogebic County. A solid waste disposal facility of this type is determined to be consistent with the Gogebic County Solid Waste Management Plan and is not subject to the siting criteria defined by this Plan.

#### **Identification of New or Expanded Solid Waste Facilities**

Gogebic County does not have a licensed landfill, therefore the county plan contains a siting mechanism that guarantees that a facility can be sited in the county.

In order for a solid waste facility to pursue a construction permit from the Michigan Department of Environmental Quality, the site must be either identified within the county solid waste plan update or be found consistent with the plan based on the criteria as described below.

Incineration is not consistent with this 5-year updated plan.

The Solid Waste Planning Committee is responsible for reviewing proposals from proponents of new or expanded facilities and for making a determination of "consistency with the Solid

## SELECTED SYSTEM

Waste Plan". The Planning Committee will use the following information and criteria when reviewing proposals and determining consistency.

The developer of a proposed new or expanded landfill or processing facility shall submit the following information to the Planning Committee.

1. The developer shall provide documentation demonstrating: estimated total project costs, the possible source of the waste stream coming to the facility from within the service area defined by the plan, the short-term and long-term capacity of the facility, (b) the apparent needs of the service area and how they will be met by the proposed development, including proposed recycling services.
2. The developer shall provide a written statement that the proposed development is consistent with proven technologies and with all statutory changes to and requirements of Public Act 451.
3. The developer shall provide a written statement of his intent to charge equitable and similar fees within its service area.
4. The developer shall provide a written statement agreeing to treat all haulers equitably and impartially.

If the proposal is for a processing facility, the developer shall also provide the following documentation:

5. The developer shall provide a list of communities where the processing technology is being successfully used.

## CRITERIA\*

The following criteria will be used to evaluate the information provided by the developer and to determine if the proposed new Type II, Type III landfill or processing facility or expansion is, or is not, consistent with the approved Gogebic County Solid Waste Management Plan.

\*As stated on page III-3 an industrial facility accepting only industrial waste generated at the industrial site (Type II or Type III) is exempt from the siting criteria.

## SELECTED SYSTEM



Yes

No

1. Does the developer intend to charge equitable and similar fees within its service area?

\_\_\_\_\_

2. Does the developer agree to treat all haulers equitably and impartially?

\_\_\_\_\_

3. If the proposed facility is a landfill, does the proposed landfill provide long-term capacity for Gogebic for 10 years?

\_\_\_\_\_

(If the facility proposed is for restricted use by an industry located within the service area defined by the plan, the provision for 10 year County capacity is not required).

4. Does the proposed facility utilize proven technology?

\_\_\_\_\_

\_\_\_\_\_

If all of the above criteria were answered "yes," the proposed facility is consistent with the Gogebic County Solid Waste Management Plan.

The Planning Committee will determine if the proposed development is, or is not, consistent with the Gogebic County Solid Waste Management Plan within 90 days of receiving all of the information listed above. The Committee must provide developer a written determination of consistency or inconsistency and include the reasons and facts supporting their decision. If the Committee fails to make a determination within the 90 day time period, the proposal shall be consistent with the County Plan.

## APPEAL PROCESS - TO THE COUNTY BOARD OF COMMISSIONERS

If, and only if, a proposed development is found to be inconsistent with the Gogebic County Solid Waste Management Plan by the Planning Committee, an appeal by the developer may be made to the County Board of Commissioners. The appeal hearing between the developer and the County Board of Commissioners must be held within 30 days of receipt of the request by the County Board Chairman.

The appeal process before the County Board of Commissioners shall be identical to the Planning Committee review process in terms of information considered and criteria used to determine consistency. The developer, however, may provide additional information to the Board.

## SELECTED SYSTEM

Within 30 days of the appeal hearing, the County Board of Commissioners must provide a written determination of consistency or inconsistency to the developer. This determination must include the reasons and facts supporting their decision. If the County Board of Commissioners upholds the determination of inconsistency rendered by the Planning Committee the developer may address the deficiencies identified by the Board of Commissioners (and the Planning Committee) during the appeal process and resubmit the project proposal to the Planning Committee for subsequent review for consistency. If the County Board of Commissioners fails to make a determination within the 30 day time period, the proposal shall be consistent with the County Plan.

### Disposal Contingency Plan

As part of the Gogebic County five year updated solid waste management plan, the County is outlining an emergency disposal plan. In the past, situations have arisen where the only landfill servicing an entire county is forced to cease its operations. In this situation the county is left with no viable disposal option.

Due largely to the aforementioned factor and the inter-county transportation of waste issue, a short-term emergency disposal alternative must be addressed. This alternative will include a short-term emergency disposal plan. The plan is intended to define a course of action needed to alleviate a disruption or discontinuation in disposal service. The emergency plan is only for unexpected situations which may include, but are not limited to: contract disputes, leachate outbreaks, serious equipment malfunctions, or natural disasters such as flood or tornado.

The emergency contingency plan is not intended to address landfill capacity problems but rather unexpected situations which may arise.

The following is a summary of Gogebic County's contingency plan:

If for any reason the K & W Landfill, Inc. is forced to cease operation, wastes could be shipped to any of the following:

1. USA Waste in Menominee (Michigan Environs)
2. Wood Island Landfill in Alger County
3. Out of State

This contingency plan is a summary of possibilities and is not intended to be all inclusive. In order to alleviate an emergency situation the course of action may include, but is not limited to:

1. Defining if the problems are short or long term.
2. If they are long term: investigate a new disposal system, or
3. Identify, if necessary, a new disposal alternative, e.g. landfill construction in Gogebic County.

## **SELECTED SYSTEM**

This contingency plan would be implemented at the time of the emergency and the counties which are addressed in the Contingency Plan were asked to incorporate this into their county's five year update. The Plan would be implemented at the time the emergency arises, that is if a problem occurs the Gogebic Range Solid Waste Authority would immediately contact any of the aforementioned entities to negotiate the short-term agreement.

## SELECTED SYSTEM

### SOLID WASTE MANAGEMENT COMPONENTS<sup>1</sup>

The following identifies the management responsibilities and institutional arrangements necessary for the implementation of the Selected Waste Management System. Also included is a description of the technical, administrative, financial and legal capabilities of each identified existing structure of persons, municipalities, counties and state and federal agencies responsible for solid waste management including planning, implementation, and enforcement.

The Western Upper Peninsula Planning and Development Region is responsible for planning. The Gogebic Range Solid Waste Authority is responsible for resource recovery and Gogebic County is responsible for monitoring and enforcement together with the Michigan Department of Environmental Quality.

### GOGEBIC RANGE SOLID WASTE MANAGEMENT AUTHORITY Organizational Chart

#### Members/Representatives

Bessemer Township	City of Bessemer	City of Wakefield	Erwin Township	Ironwood Township	Marenisco Township	Wakefield Township
Robert Sailer	Bruce Carlson	Charles Picoldi	Donald Saari	Eugene Nieminen	Robert Raisanen	Eugene Vittone

- Establish policies, goals and procedures

- Provide funding

#### Officers

Chairman	Vice Chairman	Secretary/Treasurer
Robert Raisanen	Charles Picoldi	Eugene Vittone

- General Administration and Stewardship

#### Administrator

Ms. Chris Ann Bressette
<ul style="list-style-type: none"><li>- Transfer Station Manager</li><li>- Recycling Program Coordinator</li><li>- Personnel Manager</li><li>- Activities Supervisor</li><li>- Composting Program Administrator</li></ul>

**Authority Attorney** - James Bucknell

**Employees:** Terry Fетters, Jon Mickelson, Dean Kitto, Tom Schrandt

<sup>1</sup>Components or subcomponents may be added to this table.

## **SELECTED SYSTEM**

**Transportation:** Superior Waste

**Disposal Areas:** N/A

**Processing Plants:** N/A

**Incineration:** N/A

**Transfer Stations:** Gogebic Range Solid Waste Authority

**Sanitary Landfills:** K & W Landfill (Ontonagon County)

### **Ultimate Disposal Area Uses:**

### **Local Responsibility for Plan Update Monitoring & Enforcement:**

Gogebic Range Solid Waste Authority

### **Educational and Informational Programs:**

Michigan State University Extension Service

Documentation of acceptance of responsibilities is contained in Appendix D.

**LOCAL ORDINANCES AND REGULATIONS AFFECTING  
SOLID WASTE DISPOSAL**

This Plan update's relationship to local ordinances and regulations within the County is described in the option(s) marked below:

- \_\_\_ 1. Section 11538.(8) and rule 710 (3) of Part 115 prohibits enforcement of all County and local ordinances and regulations pertaining to solid waste disposal areas unless explicitly included in an approved Solid Waste Management Plan. Local regulations and ordinances intended to be part of this Plan must be specified below and the manner in which they will be applied described.

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- \_\_\_ 2. This Plan recognizes and incorporates as enforceable the following specific provisions based on existing zoning ordinances:

A. Geographic area/Unit of government: \_\_\_\_\_

Type of disposal area affected: \_\_\_\_\_

Ordinance or other legal basis: \_\_\_\_\_

Requirement/restriction: \_\_\_\_\_

---

B. Geographic area/Unit of government: \_\_\_\_\_

Type of disposal area affected: \_\_\_\_\_

Ordinance or other legal basis: \_\_\_\_\_

Requirements/restriction: \_\_\_\_\_

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C. Geographic area/Unit of government: \_\_\_\_\_

Type of disposal area affected: \_\_\_\_\_

Ordinance or other legal basis: \_\_\_\_\_

Requirement/restriction: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

D. Geographic area/Unit of government: \_\_\_\_\_

Type of disposal area affected: \_\_\_\_\_

Ordinance or other legal basis: \_\_\_\_\_

Requirement/restriction: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

E. Geographic area/Unit of government: \_\_\_\_\_

Type of disposal area affected: \_\_\_\_\_

Ordinance or other legal basis: \_\_\_\_\_

Requirement/restriction: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_ 3. This Plan authorizes adoption and implementation of local regulations governing the following subjects by the indicated units of government without further authorization from or amendment to the Plan.

## **CAPACITY CERTIFICATIONS**

Every County with less than ten years of capacity identified in their Plan is required to annually prepare and submit to the DEQ an analysis and certification of solid waste disposal capacity validly available to the County. This certification is required to be prepared and approved by the County Board of Commissioners.

- ☒ This County has more than ten years capacity identified in this Plan and an annual certification process is not included in this Plan. (See Appendix D).
- ☐ Ten years of disposal capacity has not been identified in this Plan. The County will annually submit capacity certifications to the DEQ by June 30 of each year on the form provided by the DEQ. The County's process for determination of annual capacity and submission of the County's capacity certification is as follows:

\_\_\_\_ Additional listings are on attached pages.

\*See following page.

## **APPENDIX**

### **ADDITIONAL INFORMATION REGARDING THE SELECTED SYSTEM**

## EVALUATION OF RECYCLING

The following provides additional information regarding implementation and evaluations of various components of the Selected System.

The Gogebic Range Solid Waste Management Authority (GRSWMA) will continue to provide a recycling and composting drop-off center at the GRSWMA transfer station as long as it is economically feasible. The drop-off is open to all members of the Authority and can be expanded should the need arise.

## **DETAILED FEATURES OF RECYCLING AND COMPOSTING PROGRAMS:**

List below the types and volumes of material available for recycling or composting.

See Page A-9.

The following briefly describes the processes used or to be used to select the equipment and locations of the recycling and composting programs included in the Selected System. Difficulties encountered during past selection processes are also summarized along with how those problems were addressed:

### **Equipment Selection**

Existing Programs:

Proposed Programs:

**Composting Operating Parameters:**

The following identifies some of the operating parameters which are to be used or are planned to be used to monitor the composting programs.

**Existing Programs:**

<u>Program Name</u>	<u>pH Range</u>	<u>Heat Range</u>	<u>Other Parameter</u>	<u>Measurement Unit</u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

**Proposed Programs:**

<u>Program Name</u>	<u>pH Range</u>	<u>Heat Range</u>	<u>Other Parameter</u>	<u>Measurement Unit</u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

## **COORDINATION EFFORTS:**

Solid Waste Management Plans need to be developed and implemented with due regard for both local conditions and the state and federal regulatory framework for protecting public health and the quality of the air, water, and land. The following states the ways in which coordination will be achieved to minimize potential conflicts with other programs and, if possible, to enhance those programs.

It may be necessary to enter into various types of agreements between public and private sectors to be able to implement the various components of this solid waste management system. The known existing arrangements are described below which are considered necessary to successfully implement this system within the County. In addition, proposed arrangements are recommended which address any discrepancies that the existing arrangements may have created or overlooked. Since arrangements may exist between two or more private parties that are not public knowledge, this section may not be comprehensive of all the arrangements within the County. Additionally, it may be necessary to cancel or enter into new or revised arrangements as conditions change during the planning period. The entities responsible for developing, approving, and enforcing these arrangements are also noted.

There are no coordination agreements needed at this time.

## **COSTS & FUNDING:**

The following estimates the necessary management, capital, and operational and maintenance requirements for each applicable component of the solid waste management system. In addition, potential funding sources have been identified to support those components.

<b>System Component<sup>1</sup></b>	<b>Estimated Costs</b>	<b>Potential Funding Sources</b>
<u>Resource Conservation Efforts</u>		
<u>Resource Recovery Programs</u>		
<u>Volume Reduction Techniques</u>		
<u>Collection Processes</u>		
<u>Transportation</u>		
<u>Disposal Areas</u>		
<u>Future Disposal Area Uses</u>		
<u>Management Arrangements</u>		
<u>Educational &amp; Informational Programs</u>		

<sup>1</sup>These components and their subcomponents may vary with each system.



## **EVALUATION SUMMARY OF THE SELECTED SYSTEM:**

The solid waste management system has been evaluated for anticipated positive and negative impacts on the public health, economics, environmental conditions, siting considerations, existing disposal areas, and energy consumption and production which would occur as a result of implementing this Selected System. In addition, the Selected System was evaluated to determine if it would be technically and economically feasible, whether the public would accept this Selected System, and the effectiveness of the educational and informational programs. Impacts to the resource recovery programs created by the solid waste collection system, local support groups, institutional arrangements, and the population in the County in addition to market availability for the collected materials and the transportation network were also considered. Impediments to implementing the solid waste management system are identified and proposed activities which will help overcome those problems are also addressed to assure successful programs. The Selected System was also evaluated as to how it relates to the Michigan Solid Waste Policy's goals. The following summarizes the findings of this evaluation and the basis for selecting this system:

As the selected system is a continuation of the selected system of the previous plan, evaluation of this alternative has been, essentially, an ongoing process. Service provision continues to be a mix of public and private entities driven primarily by cost efficiency. The transfer station, being owned by the citizens of Gogebic County, represents a sizeable public investment in solid waste disposal. The long term advantages of having made this investment, however, are already paying off. County flow control requires all Type II and Type III waste generated within the county to go to the Authority's transfer station. This high degree of flow control insures sufficient volumes of waste to protect the economic viability of the facility. The transfer station provides a focal point to allow residents the opportunity to recycle.

Though there are deficiencies that exist in the selected system, it was concluded that enhancement and improvement of the current system was more economically attainable, had greater public support, and provided longer term management benefit than the other alternatives.

## **ADVANTAGES AND DISADVANTAGES OF THE SELECTED SYSTEM:**

Each solid waste management system has pros and cons relating to its implementation within the County. Following is an outline of the major advantages and disadvantages for this Selected System.

### **ADVANTAGES:**

1. Unlimited life span of the transfer station to haul where needed for ultimate disposal.
2. Cost savings associated with not developing sites.
3. Local ownership contributes to environmentally sound management. Since the less waste shipped the less expensive the operations so resource recovery becomes more attractive.
4. Single transfer provides economy of scale due to the flow control the more waste shipped the cheaper the rates.
5. Convenient location to population centers.

### **DISADVANTAGES:**

1. Transportation costs due to large geographic area of County.
2. Lack of competition/choice of final disposal site.
3. Lack of flexibility.
4. Cost dependent upon landfill fees.

**GOGEBIC RANGE SOLID WASTE MANAGEMENT AUTHORITY  
ANNUAL RECYCLING REPORT FOR 1997**

Report Date: March 19, 1998

**QUANTITIES OF RECYCLABLES MARKETED**

	<u>1995</u>	<u>1996</u>	<u>1997</u>	<u>Average Market Rate</u>
Aluminum Cans	1.76	1.39	1.12	.45#
Aluminum Scrap	2.48	3.54	2.45	.10#
Other Scrap	.14	.11	.26	.35#
Cardboard	119.08	228.21	135.51	70.00T
Computer Paper	3.59	5.11	4.86	10.00T
Glass	34.01	8.30	34.00	15.00T
Magazines	9.65	19.43	101.72	5.00T
Milk Jugs	2.74	2.68	1.44	.17#
Misc. Materials	1.87	.00	.00	.00
Motor Oil	12.33	10.63	14.88	.00
Newspaper	63.27	32.90	101.72	12.00T
Pop Jugs	7.52	11.37	15.42	.00
Refrigerators	9.23	14.69	12.61	.00ca.
Steel/Iron	89.49	94.51	81.55	67.60T
Tin Cans	8.38	8.46	17.46	.25.00T
Tires	24.00	41.61	41.61	.00
Veh Batteries	<u>7.44</u>	<u>2.38</u>	<u>5.35</u>	.50ca.
<b>Total</b>	<b>396.98</b>	<b>485.32</b>	<b>571.96</b>	

**ESTIMATED COSTS NEEDED TO OPERATE**

	<u>1995</u>	<u>1996</u>	<u>1997</u>
Labor	\$14,360.00	\$27,670.00	\$27,834.00
Loans	7,139.00	4,759.00	.00
Electric/Heat	2,748.00	3,848.00	3,237.00
Equip/Bldg. Repairs	2,946.00	2,850.00	5,078.00
Supplies	1,351.00	2,269.00	1,766.00
Transportation	1,629.00	2,988.00	2,681.00
License/Fees	200.00	200.00	200.00
Tire Disposal	2,100.00	3,150.00	3,150.00
Refrigerator Disposal	880.00	1,682.00	1,455.00
Cardboard	1,086.00	.00	.00
Education	423.00	182.00	.00
Septic	90.00	.00	110.00
Refuse Disposal	<u>2,386.00</u>	<u>2,906.00</u>	<u>1,413.00</u>
<b>Total</b>	<b>\$37,338.00</b>	<b>\$52,504.00</b>	<b>\$46,924.00</b>

**SELECTED SYSTEM  
REVENUES GENERATED**

	<u>1995</u>	<u>1996</u>	<u>1997</u>
Marketed Recyclables	\$24,587.00	\$14,418.00	\$13,968.00
Scrap Metals (94.51 T)	5,721.00	5,713.00	5,512.00
\$1 per T of Refuse	14,027.00	13,933.00	13,613.00
Ref/Tire Disposal	<u>5,371.00</u>	<u>5,527.00</u>	<u>5,644.00</u>
<b>Total</b>	<b>\$49,706.00</b>	<b>\$39,591.00</b>	<b>\$38,737.00</b>

---

**GOGEBIC RANGE SOLID WASTE MANAGEMENT AUTHORITY  
ANNUAL COMPOST REPORT FOR 1997  
Report Date: March 19, 1998**

	<u>1996</u>	<u>1997</u>
<b>Compost Material Received</b>	<b>354.94 tons</b>	<b>164.20 tons</b>
<b>Estimated Expenses:</b>		
Labor	\$1,790.00	\$1,477.00
Chain Saw	400.00	.00
Fencing	256.00	.00
Chipper Guard	183.00	.00
Education	182.00	.00
Loader Repairs	1,018.00	300.00
Tub Grinder Rental	2,710.00	.00
Misc. Supplies	<u>394.00</u>	<u>3,402.00</u>
<b>Total</b>	<b>\$6,933.40</b>	<b>\$5,179.00</b>

**No Revenues Generated**

**NOTE: The GRWSWMA's contract Goals for Recycling are 1019 Tons. Compost Goal is 800 Tons.**

# NON-SELECTED SYSTEMS

Before selecting the solid waste management system contained within this Plan update, the County developed and considered other alternative systems. The details of the non-selected systems are available for review in the County's repository. The following section provides a brief description of these non-selected systems and an explanation why they were not selected. Complete one evaluation summary for each non-selected alternative system.

## **SYSTEM COMPONENTS: Alternative #2 Construction of Type II Sanitary Landfill**

The following briefly describes the various components of the non-selected system.

### **RESOURCE CONSERVATION EFFORTS:**

Most likely that small scale programs would continue. Opportunities for reuse such as bringing grocery bags back to the store on the next trip are practiced on a small scale.

### **VOLUME REDUCTION TECHNIQUES:**

Would basically be the same type of volume reduction occurring under the selected system.

### **RESOURCE RECOVERY PROGRAMS:**

Since all waste is currently being shipped out of county recovery programs are more important than if a landfill was sited within the County.

### **COLLECTION PROCESSES:**

Collection could still be performed by public or private entities.

### **TRANSPORTATION:**

Transportation is not a significant factor in this alternative. Direct haul to the landfill would be expensive and inefficient due to partial and "loose" loads.

### **INSTITUTIONAL ARRANGEMENTS:**

Intergovernmental agreement for all municipalities to direct Type II and Type III waste to the landfill would occur.

## SELECTED SYSTEMS

### CAPITAL, OPERATIONAL, AND MAINTENANCE COSTS:

With the small quantities of waste produced in the county other sources would be needed to support the high capital costs of construction and operation. This alone eliminates this alternative from further consideration.

### EVALUATION SUMMARY OF NON-SELECTED SYSTEM:

The non-selected system was evaluated to determine its potential of impacting human health, economics, environmental, transportation, siting and energy resources of the County. In addition, it was reviewed for technical feasibility, and whether it would have public support. Following is a brief summary of that evaluation along with an explanation why this system was not chosen to be implemented.

Human health - There are very few health risks associated with operation of a landfill.

Economics - Current estimates for construction of a Type II landfill are well in excess of \$1,500,000. There are no public or private entities willing to invest this large sum with the small amount of waste generated in the county.

Environmental - Burying waste in Gogebic County would not be beneficial to the local environment.

Transportation - With no waste exportation, this component would have significantly less impact under this alternative. Not only would hauling distances be decreased substantially but, direct haul by individual business would also begin.

Siting - Siting would be a factor and the developer would be required to follow this siting criteria.

Energy Resources - Decreased transportation aspects of this alternative would consume less energy.

Technical Feasibility - There will be no problems with technical feasibility.

Public Support - The substantial public investment in the current selected alternative, the Gogebic Range Transfer Station, and the 20 years of estimated capacity that exists at the K & W Landfill there makes abandonment of the facility unlikely.

### Advantages

1. Transportation costs go down.
2. Ability to control costs for disposal.
- 3.

### Disadvantages

1. High capital costs.
2. Siting.
- 3.

## SYSTEM COMPONENTS - ALTERNATIVE 3 - INCINERATION (WASTE ENERGY)

The following briefly describes the various components of the non-selected system.

### RESOURCE CONSERVATION EFFORTS:

**VOLUME REDUCTION TECHNIQUES:** Combustibles would be eliminated from the waste stream. The only materials requiring landfilling would be incinerator ash and non-combustibles.

**RESOURCE RECOVERY PROGRAMS:** Sorting of waste into combustible/non-combustible materials would provide an opportunity to perform a much more intensive recycling and household hazardous waste program.

**COLLECTION PROCESSES:** Collection could still be performed by public or private entities. Separation of combustible/non-combustible material will complicate collection.

**TRANSPORTATION:** Keeping combustible/non-combustible material separate will potentially increase transportation costs. Siting of an incinerator (near an energy market) would have an impact based on location.

**DISPOSAL AREAS:** Ash would most likely be hazardous and have to be shipped to a licensed Type I facility.

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## SYSTEM COMPONENTS

Environmental - The smaller amount of material requiring final disposal (at the landfill) will result in a smaller landfill being required and less "greenfield" being impacted by the facility.

Popularity of waste to energy facilities is limited because of difficulties in complying with air emissions standards.

There is concern over the higher toxicity of ash resulting from waste combustion being buried in the landfill.

Transportation - Impacts on transportation are difficult to assess. Location of the facility will be based on the energy market which is developed.

Siting - Siting criteria for this type of facility do not currently exist. As this plan allows for local land use controls (zoning) to be operative, there will be limitations regarding facility location.

Energy Resources - A waste to energy facility would tap a fuel source currently not used for energy production and preserve other fuels for the future.

Technical Feasibility - Modular facilities, sized to accommodate the amount of waste generated in the County and in compliance with emission standards are available.

Public Support - There has always been some level of support for deriving benefit from solid waste, if possible, rather than just burying it in the landfill. A waste to energy facility would be a means of accomplishing this.

As the selected alternative, in light of the substantial public investment in the transfer station, the "environmentally friendly" aspect of keeping "useful" material out of the landfill would succumb to cold, hard economics. There is also an "if it's not broke, don't fix it" mentality towards the current selected alternative of transferring to an out-of-county landfill.

## **SYSTEM COMPONENTS**

### **Advantages**

1. Transportation costs go down.
2. Ability to control costs for disposal.
- 3.

### **Disadvantages**

1. High capital costs.
2. Siting
- 3.

## **ADVANTAGES AND DISADVANTAGES OF THE NON-SELECTED SYSTEM:**

Each solid waste management system has pros and cons relating to its implementation within the County. Following is a summary of the major advantages and disadvantages for this non-selected system.

### **ADVANTAGES:**

1. Small volume of residuals requiring landfilling.
2. Enhanced participation in recycling.
3. Production of energy from an otherwise "wasted resource".
4. Enhanced opportunity for hazardous waste control.
- 5.
- 6.
- 7.
- 8.

### **DISADVANTAGES:**

1. Compliance with Michigan Air Quality Standards difficult/expensive to achieve.
2. An energy market must be located.
- 3 Existing financial commitment to the transfer station.
4. Construction and on-going operational costs of an incinerator are greater than construction and operation of a transfer station.
5. Waste volume generated in Gogebic County are not sufficient for economic operation of an incinerator.
6. Toxicity of residue is high.
7. Community opposition due to public investment in current alternative.

## **PUBLIC PARTICIPATION**

# **PUBLIC PARTICIPATION AND APPROVAL**

The following summarizes the processes which were used in the development and local approval of the Plan including a summary of public participation in those processes, documentation of each of the required approval steps, and a description of the appointment of the solid waste management planning committee along with the members of that committee.

## **PUBLIC PARTICIPATION**

**PUBLIC INVOLVEMENT PROCESS:** A description of the process used, including dates of public meetings, copies of public notices, documentation of approval from the solid waste planning committee, County board of commissioners, and municipalities.

All meetings were held at the Gogebic County Court House in Bessemer:

February 19, 1998

May 7, 1998

September 15, 1998

November 5, 1998

Notices were placed at the court house as per the regular public meeting notice process.

# DAILY GLOBE

GLOBE PUBLISHING, LLC

118 E. McLeod Avenue, Ironwood, MI 49938

(906)932-2211

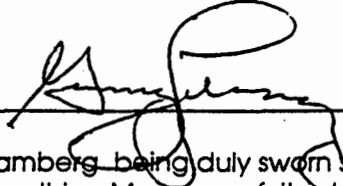
Fax (906)932-5358

\*\*\* PROOF OF PUBLICATION \*\*

STATE OF MICHIGAN - COUNTY OF GOGEBIC

## PUBLIC HEARING NOTICE

Gogebic Range Solid Waste  
Public Hearing

  
Gary Lamberg, being duly sworn says: I am the Advertising Manager of the Ironwood Daily Globe a newspaper published and circulating in Gogebic County. The Annexed is a printed copy of a notice Which was published in said paper on The following dates

\_\_\_\_\_, 1999

April 23, 1999

\_\_\_\_\_, 1999

\_\_\_\_\_, 1999

\_\_\_\_\_, 1999

\_\_\_\_\_, 1999

\_\_\_\_\_, 1999

## PUBLIC HEARING NOTICE

The Gogebic County Solid Waste Planning Committee will hold a public hearing on Monday, May 24, 1999 at the Gogebic County Courthouse, Conference Room, beginning at 5:30 p.m. (CST). The purpose of the hearing is to receive public comment on the Gogebic County Solid Waste Plan.

Subscribed and sworn to before me this

30th day of APRIL 1999

  
Notary Public, Gogebic County, Michigan

My Commission expires \_\_\_\_\_

Notary Public  
My Commission Expires \_\_\_\_\_

# DAILY GLOBE

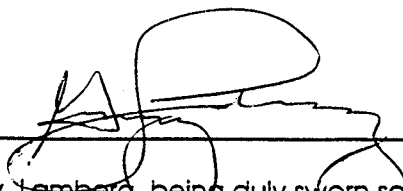
GLOBE PUBLISHING, LLC

118 E. McLeod Avenue, Ironwood, MI 49938  
(906)932-2211 Fax (906)932-5358

\*\*\* PROOF OF PUBLICATION \*\*  
STATE OF MICHIGAN - COUNTY OF GOGEBIC

## PUBLIC NOTICE

raft-Gogebic Solid Waste Management  
Plan Available

  
Gary Lamberg being duly sworn says: I am  
the Advertising Manager of the *Ironwood  
Daily Globe* a newspaper published and  
circulating in Gogebic County. The  
Annexed is a printed copy of a notice  
Which was published in said paper on  
The following dates

February 24, 1999, 1999

1999

1999

1999

1999

1999

## PUBLIC NOTICE

The preliminary draft of the Gogebic County Solid Waste Management Plan is available for inspection at the following locations: Gogebic County Courthouse, Administrator's Office, 200 N. Moore, Bessemer, Michigan and the Western U.P. Planning and Development Region, 326 Sheldon Avenue, Houghton, Michigan. Written comments may be submitted to: WUPPDR, P.O. Box 365, Houghton, MI 49931 through May 24, 1999.

Subscribed and sworn to before me this

20th day of OCTOBER 1999

  
Notary Public, Gogebic County, Michigan

My Commission expires GARY J. MARIANI

Notary Public Gogebic County, MI  
My Commission Expires Nov 28 1999

## **PUBLIC PARTICIPATION**

### **PLANNING COMMITTEE APPOINTMENT PROCEDURE:**

On November 24, 1997 the Western Upper Peninsula Planning and Development Region sent Gogebic County a proposed slate of individuals to serve on the planning committee.

At their regular monthly meeting on November 26, 1997, the County Board authorized the Chairman to make appointments to the Solid Waste Planning Committee.

The Chairman proceeded to appoint the members listed on the following pages.



## PUBLIC PARTICIPATION

### PLANNING COMMITTEE

Committee member names and the company, group, or governmental entity represented from throughout the County are listed below.

Four representatives of the solid waste management industry:

1. Doug Demberger (Waste Management)
2. Dave Kemppainen (Waste Management)
3. Chris Ann Bressette (Gogebic Range Solid Waste Authority)
4. Bruce Carlson (Gogebic Range Solid Waste Authority)

One representative from an industrial waste generator:

1. Mark Stephens (Ironwood Plastics)

Two representatives from environmental interest groups from organizations that are active within the County:

1. Ron Breiler (Trout Unlimited)
2. Don Bennetts (U.P. Longbeards)

One representative from County government. All government representatives shall be elected officials or a designee of an elected official.

1. Stephen Thomas (Gogebic County Board of Commissioners)

One representative from township government:

1. Eugene Nieminen (Ironwood Township)

One representative from city government:

1. Keith Johnson (City of Ironwood)

One representative from the regional solid waste planning agency:

1. Kim J. Stoker (Western U.P. Planning and Development Region)

Three representatives from the general public who reside within the County:

1. Tom Steiger
2. Robert Raisanen
3. John Siira

## ATTACHMENTS

### APPENDIX D

#### Plan Implementation Strategy

The following discusses how the County intends to implement the plan and provides documentation of acceptance of responsibilities from all entities that will be performing a role in the plan.

A letter will be obtained from the Gogebic Range Solid Waste Authority accepting responsibility for certain aspects of implementation outlined in this document.

## **ATTACHMENTS**

### **Resolutions**

The following are resolutions from County Board of Commissioners approving municipality's request to be included in an adjacent County's Plan.

## ATTACHMENTS

### Listed Capacity

Documentation from landfills that the County has access to their listed capacity.

See Page D-3a.

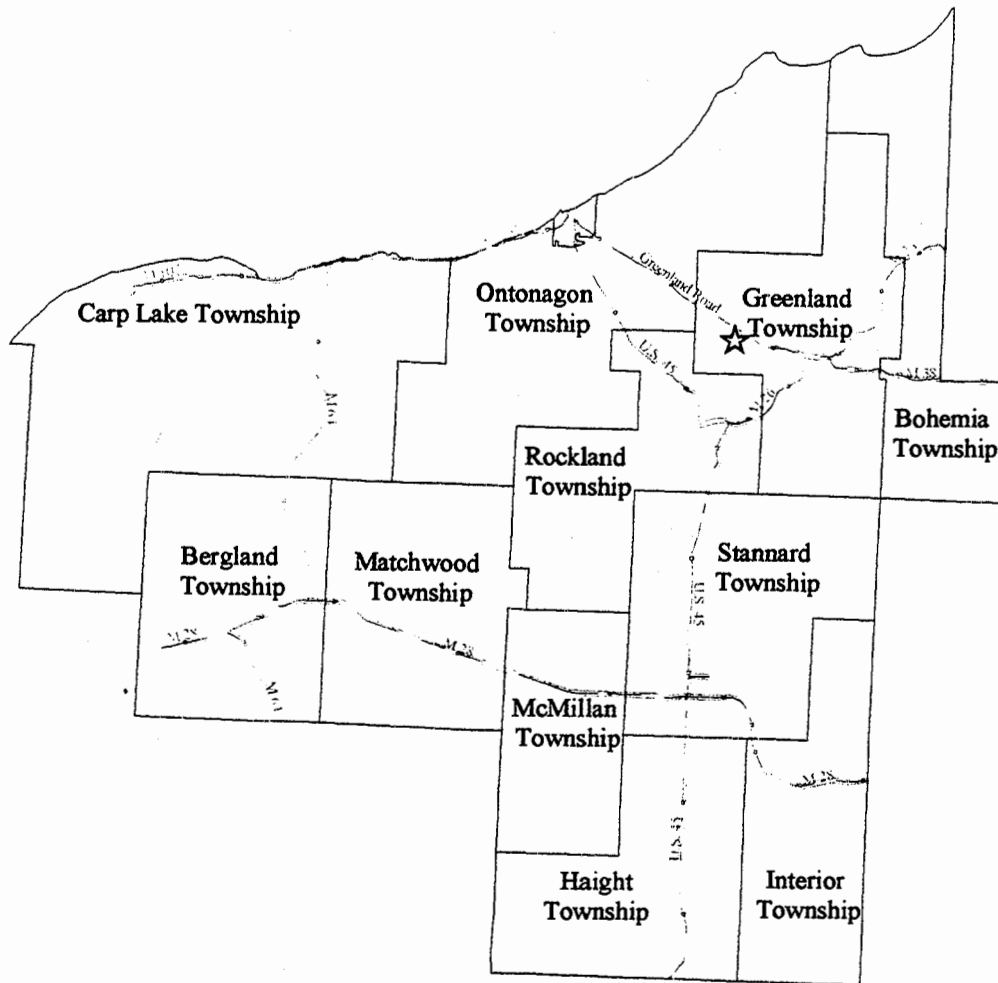
## **ATTACHMENTS**

### **Maps**

**Maps showing locations of solid waste disposal facilities used by the County:**

**See following page.**

# Ontonagon County Solid Waste Facilities



## Facility Type

Type II Landfill ☆



Source: Western Upper Peninsula Planning and Development Region

## ATTACHMENTS

### Inter-County Agreements

Copies of Inter-County agreements with other Counties (if any).

N/A

## ATTACHMENTS

### Special Conditions

Special conditions affecting import or export of solid waste.



**GOGEBIC RANGE SOLID WASTE  
MANAGEMENT AUTHORITY  
E 5017 US 2 - Transfer Station  
Ironwood, MI 49931  
(906) 932-0600**

Robert Reasoner, Chairman  
Charles Piccoli, Vice Chairman  
Eugene Vitale, Sec./Treasurer  
Chris Ann Bressette, Administrator

February 1, 1999

Mr. Kim Stoker, Planner  
Western UP Planning &  
Development Regional Comm.  
PO Box 365  
Houghton, MI 49931

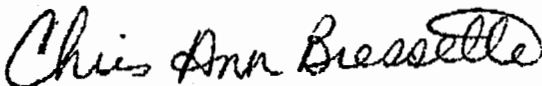
Dear Mr. Stoker:

The Gogebic Range Solid Waste Management Authority has a contract with Superior Waste, (Waste Management) for transfer and disposal of the solid waste generated at the Authority's Transfer Station.

The Authority also accepts recyclables and compost at its facility from Gogebic County residents and businesses.

Sincerely,

GOGEBIC RANGE SOLID WASTE  
MANAGEMENT AUTHORITY



Chris Ann Bressette  
Administrator

cc



1229 W. Washington St.  
Marquette, MI 49855  
Tel: 906-228-4000  
Fax: 906-228-4051

**WASTE MANAGEMENT**

January 7, 1999

Mr. Kim Stoker  
Planning Director  
Western Upper Peninsula Planning & Development Regional Commission  
P. O. Box 365  
Houghton, MI 49931

RE: K&W Landfill  
Capacity Certification

Dear Mr. Stoker:

This letter serves to certify that the K&W Landfill has sufficient disposal capacity based on current volumes to accept waste generated in Gogebic County for a minimum 10 year period.

Please contact us if you have any questions.

Sincerely,

A handwritten signature in black ink, reading 'Robert Pliska'.

Robert Pliska  
Regional Engineer

A handwritten signature in black ink, reading 'Robert Mager'.

Robert Mager  
District Manager

**Office of the County Clerk - Register  
County of Gogebic**

200 NORTH MOORE ST  
BESSEMER, MICHIGAN 49911  
CLERK (906) 663-4518  
REGISTER OF DEEDS (906) 667-0381  
FAX (906) 663-4660

**Richard J. Brown**  
County Clerk-Register

**CHIEF DEPUTY**  
Karen M. Gullan

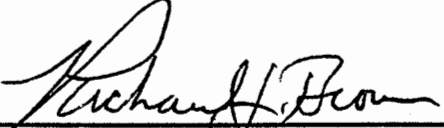
**CERTIFICATION**

**STATE OF MICHIGAN**

**COUNTY OF GOGEBIC** I, Richard J. Brown Clerk of the Circuit Court for the County of Gogebic the same being the a Court of Record and having a seal, do hereby certify that I have compared the annexed copy of a portion of the minutes of the regular meeting of the Gogebic County Board of Commissioners held on June 23, 1999, with the original record thereof now remaining in my office, and that it is a true and correct transcript therefrom, and of the whole thereof.

**SEAL**

*IN TESTIMONY WHEREOF*, I have hereunto set my hand and affixed the seal of said Court, at Bessemer, Michigan, this 21st day of September, 1999

  
\_\_\_\_\_  
**Richard J. Brown**  
Gogebic County Clerk-Register of Deeds

**GOGEBIC COUNTY BOARD OF COMMISSIONERS**

**Regular Meeting**

**June 23, 1999**

**Page 2**

**COMMUNICATIONS**

1. Communication and Resolution from Mr. Kim Stoker, Planning Director for the Western Upper Peninsula Planning and Development Region (WUPPDR)

(RE: Adoption of the Gogebic County Solid Waste Plan)

A motion was made by Bennetts and supported by Thomas to adopt the Gogebic County Solid Waste Management Plan as submitted by the Gogebic County Solid Waste Planning Committee and to authorize the submission of the plan to all municipal governments within Gogebic County for their approval or rejection:

**ROLL CALL**

**YES:** (8) Bennetts, Kangas, Koivisto, Lewinski, Napel  
Thomas, Winkowski and Arnestad

**NO:** (0) None

**ABSENT:** (1) Wieneri

**Motion Carried**

2. Communication from James L. Stingle, Executive Director of WUPPDR

(RE: Notice of Intent by Upper Peninsula Health Care Network, Inc., to Apply for Federal Assistance from Health Resources and Services Administration, Office of Rural Health Policy to Undertake Upper Peninsula Integrated Health Network)

A motion was made by Kangas, supported by Napel and carried to send a letter of support for the project.

**TRIAL BALANCE/CASH REPORTS**

A motion was made by Thomas, supported by Napel and carried to approve the report as presented.

**GENERAL FUND REVENUE AND EXPENDITURE BUDGET CONTROL**

A motion was made by Kangas, supported by Winkowski and carried to approve the report as presented.

**CLAIMS AND ACCOUNTS**

A motion was made by Lewinski and supported by Napel to approve the claims as presented and make them part of the minutes:

**ROLL CALL**

**YES:** (8) Bennetts, Kangas, Koivisto, Lewinski, Napel  
Thomas, Winkowski and Arnestad

**NO:** (0) None

**ABSENT:** (1) Wieneri

**Motion Carried**

**OTHER MATTERS**

1. Commissioner Bennetts updated the board regarding a proposal to allow the expansion of the existing Renaissance Zones.
2. Discussion was held regarding the status of the ongoing Courthouse Annex window project.

**PUBLIC COMMENT ( 5 MINUTE LIMIT )**

There was none.

CITY MANAGER  
(906) 229-5132

CITY OF WAKEFIELD, MICHIGAN  
311 SUNDAY LAKE STREET  
49968  
Member  
MICHIGAN MUNICIPAL LEAGUE  
Fax (906) 229-5331

CITY CLERK  
(906) 229-5131

July 13, 1999

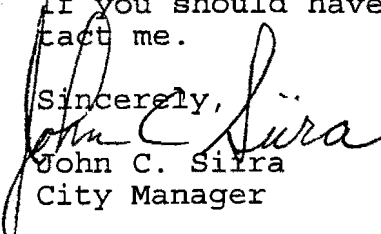
Mr. Kim Stoker  
W.U.P.P.D.R.  
P. O. Box 365  
Houghton, MI 49931

Re: Gogebic County Solid Waste Management Plan

Dear Mr. Stoker,

At the July 12, 1999 Council meeting, the Council approved the Gogebic County Solid Waste Management Plan. Enclosed is copy of Resolution 121 for your records.

If you should have any questions, please do not hesitate to contact me.

Sincerely,  
  
John C. Siira  
City Manager

JCS/rz

cc: Gogebic County Board of Commissioners  
Gogebic Range Solid Waste Management Authority

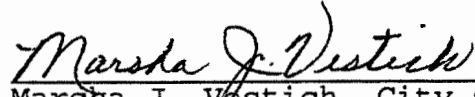
RESOLUTION NUMBER 121

Moved by Councilmember Picoldi, seconded by Councilmember Ozzello, that the City Council approve the Gogebic County Solid Waste Management Plan.

Ayes: Councilmembers Lischalk, Koruga, Picoldi, Ozzello and Wiita  
Nays: None

Resolution Adopted.

I hereby certify this to be a true copy of a resolution passed by the Wakefield City Council on Monday, July 12, 1999.

  
\_\_\_\_\_  
Marsha J. Vestich, City Clerk

# CITY OF IRONWOOD

213 S. Marquette Street  
Ironwood, Michigan 49938



Telephone: (906) 932-5050  
FAX: (906) 932-5745

July 26, 1999

Mr. Kim J. Stoker, Planning Director  
Western Upper Peninsula Planning and  
Development Regional Commission  
P.O. Box 365  
Houghton, MI 49931

RE: Proposed Gogebic County Solid Waste Plan

Dear Mr. Stoker:

The Ironwood City Commission reviewed and discussed the proposed plan for Solid Waste at their meeting held on Monday, July 14, 1999.

While overall they agreed with the plan, they could not agree on the Flow Control section of the plan. The Commission feels there might be an opportunity in the future of our solid waste being deposited somewhere else besides the Gogebic County Solid Waste Transfer Station. Therefore, base upon that concern, the Ironwood City Commission did not approve the proposed Solid Waste Plan.

Sincerely,

Keith A. Johnson  
City Manager

KAJ:jtb



**CITY OF BESSEMER**  
**CITY HALL**  
411 S. Sophie Street  
Bessemer, Michigan 49911

---

Bruce W. Carlson	Penny Osier
City Clerk/Manager	Treasurer
(906) 663-4311	(906) 663-4101
FAX: (906) 667-0467	

Vivian M. Coleman  
Mayor

July 20, 1999

Mr. Kim Stoker  
Planning Director  
WUPPDR  
P.O. Box 365  
Houghton, MI 49931

**RE: GOGEBIC COUNTY SOLID WASTE PLAN**

Dear Kim:

Enclosed please find a certified copy of Resolution No. 24 which was adopted by the Common Council for the City of Bessemer at its regular meeting of July 19, 1999. By adopting said plan, the City of Bessemer approves the Solid Waste Plan.

Please feel free to contact me if you have any questions.

Yours truly,  
CITY OF BESSEMER

Bruce W. Carlson  
City Clerk

enc.





**CITY OF BESSEMER  
CITY HALL  
411 S. Sophie Street  
Bessemer, Michigan 49911**

Bruce W. Carlson  
City Clerk/Manager  
(906) 663-4311

Isabelle E. Haapoja  
Treasurer  
(906) 663-4101

FAX: (906) 667-0467

Vivian M. Coleman  
Mayor

**RESOLUTION NO. 24  
Gogebic County Solid Waste Plan**

The City Council for the City of Bessemer, County of Gogebic, State of Michigan, met at a regular meeting in the Council Chamber, City Hall, City of Bessemer, Michigan at 5:00 p.m. on the 19th day of July, 1999.

**PRESENT:** BENNETTS, BONOVELTZ, COLEMAN, FRELLO AND MICHELLI

**ABSENT:** NONE

WHEREAS, the Gogebic Range Solid Waste Planning Commission has been working for the past to years to revise the County Solid Waste Plan, and

WHEREAS, the preliminary draft of the revised Solid Waste Plan has been given the Council for their Consideration.

NOW, THEREFORE, BE IT RESOLVED, THAT AT THEIR MEETING OF JULY 19, 1999, THE COUNCIL TOOK THE FOLLOWING ACTION PERTAINING TO THE PRELIMINARY DRAFT OF THE GOGEBIC COUNTY SOLID WASTE PLAN:

It was moved by BONOVELTZ, supported by BENNETTS, that the Common Council for the City of Bessemer approve disapprove the GOGEBIC COUNTY SOLID WASTE PLAN.

**AYES:** BENNETTS, BONOVELTZ, COLEMAN, FRELLO AND MICHELLI

**NAYS:** NONE

**ABSENT:** NONE

**CERTIFICATION**

I hereby certify that the above is a true copy of a Resolution adopted by the Common Council for the City of Bessemer at its regular meeting of July 19, 1999.

  
BRUCE CARLSON

CLERK

# Bessemer Township

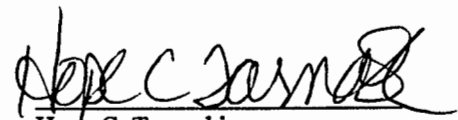
N10338 Mill St  
PO BOX 304  
Ramsay, MI 49959

---

Phone 667-0484

At the regularly scheduled meeting of the Bessemer Township Board held on Monday, July 26, 1999, MOTION by Syreini, supported by Pohjola, to adopt resolution of support of the Gogebic County Solid Waste Plan. UPON A ROLL CALL VOTE, the following voted "aye": Sailer, Syreini, Tarnaski, Pohjola, Verbos. Nay: None. Motion carried, resolution of support declared adopted.

I hereby certify this to be a true copy of a resolution passed by the Bessemer Township Board on Monday, July 26, 1999.



Hope C. Tarnaski  
Bessemer Township Clerk

**CHARTER TOWNSHIP OF IRONWOOD**

**RESOLUTION NO. #7 OF 1999**

At its regularly scheduled meeting of the Charter Township of Ironwood Board on July 26, 1999, the following resolution was offered.

MOTION was made by Frank Genisot, supported by Eugene Nieminen, to approve the Gogebic County Solid Waste Plan. Upon roll call vote, the following voted "aye":

Marvin La Grew, Eugene Nieminen, Frank Genisot,

Jay Kangas, Marilyn Partyka, Jyl Olson.

The following voted "nay":

None.

I, Patricia Foley, Clerk of the Charter Township of Ironwood, do hereby certify Resolution NO. 7 was adopted at the Regular Meeting of the Township Board held on July 26, 1999.

By:

Patricia Foley

Patricia Foley, Clerk  
Charter Township of Ironwood



# TOWNSHIP OF WAKEFIELD

Gogebic County

Office Located at: 414 No. Co. Rd. 519 • 906-224-8551

Wakefield, Michigan 49968

## WAKEFIELD TOWNSHIP

### Resolution #2-99

At its regularly scheduled meeting of the Wakefield Township Board on September 1, 1999, the following resolution was offered:

MOTION was made by Melvin Rajala, supported by Delmar Smith, to approve the Gogebic County Solid Waste Plan.

Upon roll call vote, the following voted "aye":

M. Rajala, D. Smith, J. Dalman, R. Orlich  
Patricia Pikka

Upon roll call vote, the following voted "nay": None

I, Patricia J. Pikka, Clerk of Wakefield Township, do hereby certify resolution #2-99 was adopted at the Regular Meeting of the Township Board held on September 1, 1999.

By:

Patricia J. Pikka

Patricia J. Pikka, Clerk  
Wakefield Township

## BOARD OF DIRECTORS

Robert Orlich  
SUPERVISOR

Patricia Pikka, CLERK  
Home Office (906) 229-5558 • P.O. Box 164

Joan Dalman, TREASURER  
Home Office (906) 224-8201

Melvin Rajala  
TRUSTEE

Delmar Smith  
TRUSTEE



# Township of Watersmeet

WATERSMEET, MICHIGAN 49969



At its regularly scheduled meeting on September 15, 1999, the  
Watersmeet Township Board approved (~~or disapproved~~) the Gogebic County  
Solid Waste Plan.

I hereby certify this to be a true copy of a resolution passed by the  
Watersmeet Township Board on September 15, 1999.

Virginia Hoff  
Virginia Hoffmann Clerk

# MARENISCO TOWNSHIP

PO BOX 198

314 HALL STREET

MARENISCO, MI 49947

(906) 787-2463 • (906) 787-2244 Fax

ROBERT RAISANEN, Supervisor  
GWEN PIOTROWSKI, Clerk  
CAROL LOOP, Treasurer  
PHILIP BERCOTT, Trustee  
CHARLES EVANS, Trustee

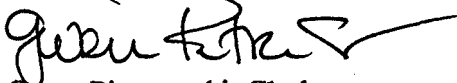
July 13, 1999

Western Upper Peninsula Planning & Development  
Regional Commission: Kim Stoker, Planning Director  
PO Box 365  
Houghton, Michigan 49931

Dear Ms. Stoker,

Enclosed please find Resolution Number 99-Marenisco Township approving the Preliminary Draft of the Gogebic County Solid Waster Management Plan adopted on July 12, 1999. Should you have any questions, or require any additional information please let me know.

Sincerely,



Gwen Piotrowski, Clerk

Cc: attachment

MARENISCO TOWNSHIP  
RESOLUTION # 99

GOGEBIC COUNTY SOLID WASTE MANAGEMENT PLAN  
PRELIMINARY DRAFT  
FEBRUARY 3, 1999

WHEREAS, the Western U.P Planning & Development Region has submitted to the Marenisco Township Board a Preliminary draft for Solid Waste Management in Gogebic County.

WHEREAS, Marenisco Township Board is charged with the planning for Solid Waste Planning for it's residents.

NOW THEREFORE, IT BE RESOLVED THAT, the Marenisco Township Board at its regularly scheduled meeting on July 12, 1999 at 6:00 p.m. in the Marenisco Town Hall approved the Gogebic County solid Waste Management Preliminary Draft Plan

Upon a roll call vote, the following voted:

Aye: Treasurer Carol Loop, Clerk Gwen Piotrowski, Trustee Phil Bercot, Trustee Charles Evans, Supervisor Robert Raisanen.

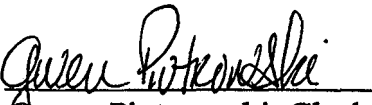
Nay: None

Absent: None

State of Michigan )

County of Gogebic )

I Hereby certify that the foregoing is a true and complete copy of a resolution offered and adopted by the Marenisco Township Board at a regularly scheduled meeting on July 12<sup>th</sup>, 1999.

  
Gwen Piotrowski, Clerk

**Township of Erwin**  
Ironwood, Michigan 49938

**RESOLUTION**

At its regularly scheduled meeting on Wednesday, October 13, 1999, the Erwin Township Board approved the Gogebic County Solid Waste Plan.

I hereby certify this to be a true copy of a resolution passed by the Erwin Township Board on Wednesday, October 13, 1999.

A handwritten signature in cursive script, reading "Priscilla J. Gerovac". The signature is written in dark ink and is positioned above the printed name and title.

Priscilla J. Gerovac  
Clerk