

# 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 RUSSELL J. HARDING, Director

January 18, 2001

Mr. Carl L. Altman, Chairman Presque Isle Board of Commissioners 151 East Huron Avenue Rogers City, Michigan 49799

Dear Mr. Altman:

In accordance with Section 11533(6) of Part 115, Solid Waste Management, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, the Department of Environmental Quality (DEQ) prepared the Presque Isle County (County) Solid Waste Management Plan Update (Plan).

The Plan, as written by the DEQ, adequately meets the solid waste disposal needs of the County for the next five-year period. Therefore, the Plan is hereby approved and issued to the County.

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 Walter H. North

Representative Andrew W. Neumann

Mr. Arthur R. Nash Jr., Deputy Director, DEQ

Mr. Timothy R. Sowton, Legislative Liaison, DEQ

Mr. Jim Sygo, DEQ

Ms. Joan Peck, DEQ

Mr. Philip Roycraft, DEQ - Cadillac

Mr. Seth Phillips, DEQ

Mr. Stan Idziak, DEQ

Presque Isle County File

# PRESQUE ISLE COUNTY

# **SOLID WASTE MANAGEMENT PLAN**

Prepared by
Michigan Department of Environmental Quality
Waste Management Division

# Michigan Department of Environmental Quality Waste Management Division

# Public Responsiveness Summary for the Presque Isle County Solid Waste Management Plan Update

[Public comment period September 21, 2000 through October 20, 2000]

In June of 1997, the Department of Environmental Quality (DEQ) sent a Notice of Intent to Prepare a Solid Waste Management Plan Update (Notice of Intent) under Part 115, Solid Waste Management, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA), to all the counties in Michigan.

Presque Isle County (County) declined to prepare a Solid Waste Management Plan Update (Plan). The municipalities of the County and the regional solid waste management planning agency, the Northeast Michigan Council of Governments, also declined to prepare a Plan for the County. As outlined in Section 11533(6) of the NREPA, the DEQ is required to prepare the Plan because the entities mentioned above declined to do so.

As part of the process of preparing the Plan for final approval, the DEQ made copies of the draft Plan available to the public, industry, and representatives of local government bodies in the County for review. A thirty-day period in which written, e-mailed, faxed, and/or telephoned comments on the Plan could be presented to the DEQ was instituted from September 21, 2000 through October 20, 2000. This included a public meeting held on Wednesday October 11, 2000, at 7:00 p.m., in the Commissioners Meeting Room, Presque Isle County Court House, 151 E. Huron Avenue, Rogers City, Michigan 49799. The public comment period and the public meeting were announced in the DEQ Calendar, the Alpena News, the Presque Isle Advance, and the Onaway Outlook. In addition, letters were sent to the County and municipal governments notifying them of the comment period and the public meeting.

This document summarizes the comments and questions submitted to the DEQ by citizens, representatives of local governments and industry living and/or working in the County concerning the Plan as well as the DEQ's response to these concerns.

The following people were present at the meeting:

Seth Phillips, DEQ Stan Idziak, DEQ

Chad Crawford, City Environmental Services of Waters Rod Crawford, Elk Run Landfill Aaron Curtts, Citizen Stephanie Glysson, Republic Services of Michigan Al Grzesikowski, Allis Township Trustee Joseph Hefele, Presque Isle Newspapers Carol Latsch, Stillmeadow B. & B. Bruce LeCureux, A & K Disposal

Sarah LeCureux, A & K Disposal
Holly Mace, Alpena News
Gary Nowak, Chairman, Presque Isle Board of Commissioners
Ken Paquet, Waste Management, Inc.
Craig Porzondek, Waste Management, Inc.
Phil Roycraft, DEQ – Cadillac
Robert Schell, Presque Isle Commissioner
Bob Urlaub, Citizen
Wayne Vermilya, Citizen
Gary Wozniak, Presque Isle Commissioner
Terry Wregglesworth, Supervisor – Allis Township

An additional comment was received by telephone from Darwin Snyder of Onaway during the comment period.

<u>Comment</u>: The major concern voiced by those making comments revolved around the import/export section of the Presque Isle SWMP Update which allows 16 counties to import solid waste into the county, an increase of six over the current Plan. Several commentors objected to the potential increase in the volume of solid waste coming into the county, which might necessitate expansion of the Elk Run Landfill to accommodate the additional influx of solid waste.

<u>DEQ Response</u>: The DEQ believes, where appropriate, Plans should use a regional approach to solid waste management. Most of the counties named in the Plan are located in Northern Lower Michigan or the Eastern Upper Peninsula and are a logical and proximate service area. Other counties requested to be included in the Plan or had included the County in their plan and so were included in the Plan. In addition, this would give the County other options to meet its solid waste disposal needs in the event landfills in Montmorency or Crawford counties would no longer be available to accept its solid waste and will help create competition in the Northern Michigan area.

The inclusion of the additional counties authorized to import waste into the County would not necessarily result in a significant increase in shipments of solid waste to the Elk Run Landfill. Not all the counties have authorized exports of solid waste to the County in their Solid Waste Management Plans and many of the counties also rely on other landfills.

<u>Comment</u>: Concerns were expressed that the County's current Plan includes a requirement for reciprocal agreements with importing counties, but this requirement was not included in the new Plan.

DEQ Response: While the DEQ allows counties to include reciprocal agreement requirements as conditions on import or export authorizations in plans they prepare, it does not encourage the use of reciprocal agreements between counties as these agreements are often executed without DEQ's knowledge, may contain import or export conditions of which the DEQ is unaware, and they tend to hinder DEQ's ability to know which intercounty waste flows are allowed or not allowed at any point in time. The import/export authorization section of the County Plan effectively controls the intercounty movement of solid waste for the County. Therefore, the Plan does not contain any requirement for reciprocal agreements. Counties that intend to export their waste to the

County must still authorize that in their Solid Waste Management Plans as required in Part 115 Section 11538(6).

<u>Comment</u>: A landfill surcharge to subsidize recycling, composting and household hazardous waste programs in the County was not addressed in the Plan.

<u>DEQ Response</u>: We do not believe that the DEQ has the authority to mandate or levy such surcharges in plans the DEQ prepares. However, in light of the October 16, 1998, Michigan Court of Appeals decision in the County of Saginaw versus John Sexton and People's Garbage Disposal cases, the County may enact a surcharge to support a county recycling program so long as that surcharge satisfies the legal requirements outlined in that decision whether or not that surcharge is specifically provided for in the Plan.

Comment: The question was raised that no local ordinance authority is included in the Plan although other county Plans approved by the DEQ contain that authority?

DEQ Response: Local ordinances, statutes, rules, and regulations may include provisions that can have siting impacts not included in the Plan's siting criteria, can provide for discretionary local decisions which will impermissibly impact siting decisions which by law are controlled by the objective siting provisions specified in the Plan or may otherwise interfere with or conflict with the DEQ's regulatory responsibilities. The DEQ was not able to evaluate the full scope of possible local ordinances, statutes, rules, and regulations for inclusion in the Plan and none were specifically identified to DEQ for inclusion in the Plan, so none were included.

Comment: Can the County solid waste be sent to the Montmorency-Oscoda-Alpena Landfill?

<u>DEQ Response</u>: The draft Plan allows the County's solid waste to be exported to the Montmorency-Oscoda-Alpena Landfill and the current Montmorency Solid Waste Management Plan authorizes the importation of solid waste from the County to Montmorency County.

Comment: Who is responsible if the Elk Run Landfill leaks?

<u>DEQ Response</u>: The current owners of the landfill, Republic Services of Michigan, are responsible under state and federal laws for the integrity and operation of their facility.

Comment: Waste Management, Inc., transports the County's solid waste to the Cheboygan Transfer Station the corporation operates in Cheboygan County. This facility is not listed in the Plan and should be.

<u>DEQ Response</u>: This facility has been added to the list of solid waste disposal sites on pages II-4 and III-8 of the Plan and a facility description included in the Database and Selected System Sections of the Plan.

#### 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 in that format.

# DATE SUBMITTED TO THE DEQ:

	PLANNING AGENCY PREPARING THIS PLAN UPDATE: tment of Environmental Quality		
CONTACT PERS	SON: Stan Idziak		
ADDRESS:	Department of Environmental Quality		
	Waste Management Division		
	P.O. Box 30241, Lansing, MI 48909-7741		
PHONE: E-MAIL	(517) 373-4740 FAX: (517) 373	-4797	

# CENTRAL REPOSITORY LOCATION(S):

Department of Environment Quality Waste Management Division 608 W. Allegan Street Lansing, Michigan 48909 Onaway City Hall 20631 State Street Onaway, Michigan 49765

Presque Isle County County Building 151 E. Huron Avenue Rogers City, Michigan 49779

Rogers City City Hall 193 E. Michigan Avenue Rogers City, Michigan 49779

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# **EXECUTIVE SUMMARY**

The following summarizes the solid waste management system selected to manage solid waste within the Presque Isle County (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.

It is the intention of this Plan to provide the County with the mechanism to dispose of its solid waste within the rules and regulations outlined in Part 115 and Part 115 Administrative Rules of the Natural Resources and Environment Protection Act, 1994 PA 451, as amended.

#### **OVERALL VIEW OF THE COUNTY**

With a permanent residency of 14,333 people (1995 estimate), the County ranks 68<sup>th</sup> in the state in terms of population. Lumber and wood products dominate the county's manufacturing activities, farms occupy 15.2 percent of the County's area. The major private employers are the limestone quarries near Rogers City and Presque Isle. The County's beaches, harbor facilities, lakes, trails, and state parks with ample opportunities for fishing, hunting, boating, and other outdoor activities make it a major recreation destination.

Of the County's 437,796.8 acres, forests occupy 69.5 percent, agriculture 15.2 percent, commercial/industrial 1.9 percent, residential 1.7 percent, water and wetlands 6.3 percent, and other 5.4 percent of the land\*. Agriculture, fishing, and forestry account for only 7 percent of the total employment in the County. Industrial employment accounts for 29 percent, Commercial employment accounts for 39 percent, and other (health, education, public administration, and related services) account for 25 percent of employment.

The population of Presque Isle has grown slowly from 13,743 people in 1990 to 14,333 people in 1995, an increase of only 4.2 percent in five years. This trend will most likely continue in the foreseeable future.

Municipality	Population *	Rural Land Use (%)**	Urban Land Use (%)**
Allis Township	937	98.7	1.3
Bearinger Township	260	98.6	1.4
Belknap Township	973	98.9	1.1
Bismarck Township	337	99.4	0.6
Case Township	550	99.0	1.0
Krakow Township	638	98.6	1.4
Metz Township	426	99.6	0.4
Village of Millersburg	263	0.0	100
Moltke Township	327	99.6	0.4
North Allis Township	531	99.2	1.1
Ocqueoc Township	550	98.5	1.5
Onaway City	1,092	0.0	100
Posen Township	764	98.9	1.1
Posen Village	263	0.0	100
Presque Isle Township	1,287	89.9	10.1

Pulawski Township	451	95.4	4.6
Rogers City	3,778	0.0	100
Rogers Township	906	83.0	17.0
County Total	14,333		

<sup>\*</sup> Total Population (July 1995 Estimate) From Presque Isle Profile updated 8/24/99 published by NEMCOG.

<sup>\* \*</sup> From 1995 NEMCOG land use map.

# **EXECUTIVE SUMMARY**

## **CONCLUSIONS**

The DEQ is limited in its' knowledge of the County, however, the current solid waste system used in the County appears adequate to handle the County's disposal needs for the planning period.

The County should decrease its' dependency on landfills by encouraging recycling, composting, and resource conservation efforts through education, participation in regional recycling programs and/or the establishment of additional local programs.

## **SELECTED ALTERNATIVES**

Alternative I. Essentially the same solid waste management system that is currently in place, solid waste collection through private agreements, and volunteer recycling and composting programs.

Alternative II. Solid waste collection in Presque Isle controlled and conducted by the County through the establishment of a permanent County Solid Waste Management Department. Mandatory residential, commercial, and industrial waste collection, recycling and composting programs, and household hazardous waste collection would be required by countywide regulations and enforced by the County Solid Waste Management Department.

## 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, Sections 11538.(1)(a), 11541.(4), 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 the Plan:

- (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 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 resource recovery program to reduce the overall dependency on land disposal and to provide for the conservation of natural resources.
  - Objective 1a: Initiate a county-wide recycling program in coordination with surrounding counties.
    - A. Cooperate with adjacent counties to establish, operate, and maintain a regional recycling program.
    - B. Expand local opportunities for recycling and composting.
- Goal 2: Promote cost effective methods of collection, disposal, and resource recovery of solid waste in a manner which will protect the health, safety, and welfare of the citizens living in the County.
  - Objective 2a: Ensure compliance with all Federal and State of Michigan Solid Waste Laws, Rules and Regulations.
  - Objective 2b: Establish a cost effective disposal system for all solid wastes within the County.
- Goal 3: Promote involvement by the public and local units of government in solid waste management planning.
  - Objective 3a: Provide mechanisms for the public to provide input that can lead to improvements in solid waste management.
  - Objective 3b: Encourage public participation in the decision making process of solid waste planning through education.

# **DATABASE**

The amount of Residential waste generated was calculated from estimated population figures for five-year intervals from 2000 to 2010 for each municipality in the County. Commercial and Industrial waste estimates were calculated using employment forecast figures per Standard Industrial Classification Codes for the same intervals. These figures were derived from the 1995 Presque Isle County Profile, updated August 14, 1999, published by the Northeast Michigan Council of Governments.

The Residential, Commercial, and Industrial waste generation numbers were calculated by using the following table of generation rates (pounds/person/day) empirically derived by analyses conducted by Resource Recycling Systems, Inc. Residential totals were based on 365 days per year. Commercial and Industrial totals were based on 260 days per year except for the retail and services categories at 360 days per year. These figures do not take into consideration any other factors affecting solid waste fluctuations including seasonal population influxes. However, municipal estimates were adjusted for urban and rural land use percentages in each municipality. Totals have been converted to cubic yards per year.

Standard Industrial Classification	SIC Description	Estimate (Ibs./person/day)
0700-0999	Agriculture, Forestry, Fishing	5
1000-1499	Mining	4
1500-1999	Construction	23
2000-3999	Manufacturing	19
4000-4999	Transportation, Public Utilities	5
5000-5199	Wholesale Trade	12
5200-5999	Retail Trade	12
6000-6999	Finance, Insurance, Real Est.	16
7000-7999	Services	8
9000-9999	Government	5.75
	Urban	2
	Rural	3.2

Database

Total Estimated Residential Solid Waste Generation by municipality (5-year intervals).

Municipality	2000	2005	2010
	( yds.³/yr.)	( yds. <sup>3</sup> /yr.)	( yds.³/yr.)
Allis Township	690	695	704
Bearinger Township	192	193	257
Belknap Township	715	720	730
Bismarck Township	247	249	253
Case Township	404	410	416
Krakow Township	470	478	484
Metz Township	312	316	321
Village of Millersburg	307	312	316
Moltke Township	239	243	247
North Allis Township	390	396	402
Ocqueoc Township	399	405	411
Onaway City	1,275	1,296	1,314
Posen Township	561	571	579
Posen Village	307	312	316
Presque Isle Township	1,006	1,023	1,037
Pulawski Township	338	345	349
Rogers City	4,413	4,487	4,549
Rogers Township	729	741	751
Total County	12,994	13,192	13,436

# Total Estimated Commercial and Industrial Solid Waste Generation by County (5-year intervals).

Standard Industrial Classification	SIC Description	<b>2000</b> ( yds.³/yr.)	<b>2005</b> ( yds.³/yr.)	<b>2010</b> ( yds.³/yr.)
0700-0999	Agriculture, Forestry, Fishing	122	131	133
1000-1499	Mining	493	485	489
1500-1999	Construction	77	84	87
2000-3999	Manufacturing	484	499	489
4000-4999	Transportation, Public Utilities	280	291	295
5000-5199	Wholesale Trade	555	608	640
5200-5999	Retail Trade	5,340	5,560	5,465
6000-6999	Finance, Insurance, Real Est.	1,315	1,389	1,464
7000-7999	Services	4,838	5,147	5,181
9000-9999	Government	1150	1163	1177
Total County		14,654	15,357	15,420

Total estimated Municipal wastewater treatment sludge (Sludge is land applied).

Municipality	2000 (yds. <sup>3</sup> /yr)	2005 (yds.³/yr)	<b>2010</b> (yds.³/yr.)
Rogers City	1,980	2,014	2,041
Onaway City	572	582	590
Total	2,552	2,596	2,631

## TOTAL QUANTITY OF SOLID WASTE GENERATED:

Solid Waste Types	<b>2000</b> ( yds.³/yr.)	<b>2005</b> ( yds.³/yr.)	<b>2010</b> ( yds. <sup>3</sup> /yr.)
Residential	12,994	13,192	13,436
Commercial/Industrial	14,654	15,357	15,420
Municipal Sludge	2,552	2,596	2,631
Estimated Total Quantity of Solid Waste Generated	30,200	31,145	31,487

## TOTAL QUANTITY OF SOLID WASTE NEEDING DISPOSAL:

	<b>2000</b> ( yds.³/yr.)	<b>2005</b> ( yds.³/yr.)	<b>2010</b> ( yds.³/yr.)
Estimated Total Quantity of Solid Waste Generated	30,200	31,145	31,487
Total Estimated Recycled Material*	1,400	1,540	1,694
Estimated Total Quantity of Solid Waste Needing Disposal	28,800	29,605	29,793

<sup>\*</sup>Estimate increased 10 percent per each 5-year period (based on the 1999 recycled materials total for Presque Isle from the Emmet County MRF).

Inventory of all solid waste disposal areas within the County or to be utilized by the County to meet its disposal needs for the planning period. Detailed facility descriptions are on the following pages.

Landfill /Disposal Area	<u>Type</u>	County
Elk Run Landfill	Type II Sanitary Landfill	Presque Isle County
City of Rogers City	Type A Transfer Station	Presque Isle County
Krakow Township Transfer Station	Type B Transfer Station	Presque Isle County
Ocqueoc Township Transfer Station	Type B Transfer Station	Presque Isle County
City Environmental Services of Waters	Type II Sanitary Landfill	Crawford County
Montmorency-Oscoda-Alpena Sanitary Landfill	Type II Sanitary Landfill	Montmorency County
Waste Management Transfer Station- City of Cheboygan	Type A Transfer Station	Cheboygan County

Waste-to-energy incinerators:

#### FACILITY DESCRIPTIONS Facility Type: Type II Sanitary Landfill Facility Name: Elk Run Sanitary Landfill Location: Town: 33N Range: 2E Section(s): 5 County: Presque Isle Map identifying location included in Attachment Section: ☐ 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 Private Owner: Republic Services of Michigan Operating Status (check) Waste Types Received (check all that apply) residential open closed commercial licensed industrial unlicensed construction & demolition contaminated soils construction permit open, but closure special wastes \* other: pending \* Explanation of special wastes, including a specific list and/or conditions: Asbestos, industrial process waste, sludges, and pollution control wastes. Site Size: Total area of facility property: 120 acres 42acres Total area sited for use: Total area permitted: 42 acres ~3 acres Operating: Not excavated: ~39 acres 6,000 cubic yards remaining in current licensed cell. Current capacity: 20 years Estimated lifetime: Estimated days open per year: 286 days 48,000 - 140,000 cubic yards Estimated yearly disposal volume: 960,000 - 2,800,000 cubic yards based on permitted, Estimated lifetime capacity: unlicensed area. (if applicable) Annual energy production: Landfill gas recovery projects: N/A megawatts

N/A megawatts

FACILITY DESCRIPTIONS		
Facility Type: Type A Transfer Station		
Facility Name: City of Rogers City		
County: Presque Isle Location: 56	03 West Park Dr., Rog	gers City, MI
Map identifying location included in Attac	chment Section: 🔲 Y	∕es ⊠ No
If facility is an Incinerator or a Transfer S Transfer Station wastes: City Environment		sposal site and location for Incinerator ash or ers, Crawford County
□ Private Owner: City of R	Rogers City, operated I	by City Management Corp.
Operating Status (check)  open closed licensed unlicensed construction permit open, but closure pending  * Explanation of special wastes, includin	resident commer industria construct contami special other:	rcial  al  ction & demolition  nated soils  wastes *
Site Size: Total area of facility property: Total area sited for use: Total area permitted: Operating: Not excavated: Current capacity: Estimated lifetime:		acres acres acres acres acres acres cres acres  □tons or □yds³ years
Estimated days open per year: Estimated yearly disposal volume:	<u>78</u> days <u>4,160</u> cubic y	vards
(if applicable) Annual energy production: Landfill gas recovery projects: Waste-to-energy incinerators:	<u>N/A</u> <u>N/A</u>	megawatts megawatts

FACILITY DESCRIPTIONS		
Facility Type: Type B Transfer Station		
Facility Name: Krakow Township Transfer Stat	tion	
County: Presque Isle Location: Town: 34N	Range: 7E	Section(s): 22
Map identifying location included in Attachment	: Section: [	☐ Yes ⊠ No
If facility is an Incinerator or a Transfer Station, Transfer Station wastes: City Environmental Se		l disposal site and location for Incinerator ash or Vaters, Crawford County
☑ Public ☐ Private Owner: Krakow Towns	hip	
Operating Status (check)  Open  Closed  Closed	residence communication consistence consis	
Site Size: Total area of facility property: Total area sited for use: Total area permitted: Operating: Not excavated:		acres acres acres acres acres acres
Current capacity: Estimated lifetime: Estimated days open per year: Estimated yearly disposal volume:	116 days 2,080 co	☐ tons or ☐yds³ years  mpacted cubic yards
(if applicable) Annual energy production: Landfill gas recovery projects: Waste-to-energy incinerators:	<u>N/A</u> <u>N/A</u>	megawatts megawatts

# **FACILITY DESCRIPTIONS**

Facility Type: Type B Transfer Station
Facility Name: Ocqueoc Township Transfer Station
County: Presque Isle Location: Town: 35N Range: 3E Section(s): 5
Map identifying location included in Attachment Section: ☐ 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: City Environmental Services of Waters, Crawford County
☑ Public ☐ Private Owner Ocqueoc Township
Operating Status (check)  Open  residential  closed  industrial  unlicensed  unlicensed  construction permit  construction permit  open, but closure pending  * Explanation of special wastes, including a specific list and/or conditions:
Site Size:  Total area of facility property:  Total area sited for use:  Total area permitted:  Operating:  Not excavated:  Current capacity:  Estimated lifetime:  Site Size:  acres  acres  acres  acres  acres  acres  byears  116 days  1,560 loose cubic yards
(if applicable) Annual energy production: Landfill gas recovery projects:  Waste-to-energy incinerators:  N/A megawatts megawatts

Landfill gas recovery projects:

Waste-to-energy incinerators:

#### **FACILITY DESCRIPTIONS** Facility Type: Type II Sanitary Landfill Facility Name: City Environmental Services of Waters County: Crawford Location: Town: 28N Range: 8E Section(s): 4 Map identifying location included in Attachment Section: ☐ 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 Private Owner: Waste Management, Inc. Operating Status (check) Waste Types Received (check all that apply) open residential closed commercial licensed industrial unlicensed construction & demolition construction permit contaminated soils open, but closure special wastes \* pending other: \* Explanation of special wastes, including a specific list and/or conditions: Asbestos and friable materials. Site Size: Total area of facility property: 252.20 acres 252.20 acres Total area sited for use: Total area permitted: 79.07 acres Operating: 9.7 acres Not excavated: 64.87 acres Current capacity: 5.5 million bank cubic yards Estimated lifetime: 20 years Estimated days open per year: 313 days Estimated yearly disposal volume: 320,000 gate cubic yards (if applicable) Annual energy production:

N/A

N/A

megawatts

megawatts

**FACILITY DESCRIPTIONS** 

Waste-to-energy incinerators:

#### Facility Type: Type II Sanitary Landfill Facility Name: Montmorency-Oscoda-Alpena Sanitary Landfill County: Montmorency Location: Town: 29N Range: 3E Section(s): 6 Map identifying location included in Attachment Section: ☐ 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: □ Private Owner: Jointly owned by Montmorency, Oscoda, and Alpena Counties Operating Status (check) Waste Types Received (check all that apply) open residential closed commercial licensed industrial unlicensed construction & demolition construction permit contaminated soils special wastes \* open, but closure pending \* Explanation of special wastes, including a specific list and/or conditions: Site Size: Total area of facility property: 80 acres 80 acres Total area sited for use: Total area permitted: 80 acres Operating: 3-4 acres Not excavated: 37-40 acres 3,500,000 cubic yards Current capacity: Estimated lifetime: 30 years Estimated days open per year: 310 days 145,000 cubic yards Estimated yearly disposal volume: (if applicable) Annual energy production: Landfill gas recovery projects: Future gas recovery project planned

N/A megawatts

# FACILITY DESCRIPTIONS

Facility Type: Type A Transfer Station	
Facility Name: Waste Management Transfe	er Station-City of Cheboygan
County: <u>Cheboygan</u> Location: Town: <u>33</u>	N Range: <u>2E</u> Section(s): <u>5</u> (Cheboygan Industrial Park)
Map identifying location included in Attachm	nent Section: Tyes No
If facility is an Incinerator or a Transfer Stati Transfer Station wastes: City Environmenta	ion, list the final disposal site and location for Incinerator ash or al Services of Waters, Crawford County
☐ Public ☑ Private Owner: Waste Ma	nagement, Inc.
Operating Status (check)  Open  Open  Closed  Ilicensed  Unlicensed  Construction permit  Open, but closure pending  Explanation of special wastes, including a	commercial industrial construction & demolition contaminated soils special wastes * other:
Site Size:  Total area of facility property:  Total area sited for use:  Total area permitted:  Operating:  Not excavated:	9 acres 9 acres 9 acres 9 acres acres
Current capacity: Estimated lifetime: Estimated days open per year: Estimated yearly disposal volume:	cubic yards years 260 days 56,628, cubic yards (1999 estimate)
if applicable) Annual energy production: Landfill gas recovery projects: Waste-to-energy incinerators:	N/A megawatts N/A megawatts

# 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.

Service Provider	Public/Private	Service Area	Payment	<b>Disposal Facility</b>
Waste Management, Inc.	Private	Presque Isle Co.	Customer	Waters
Thunder Bay Sanitation	Private	Presque Isle Co.	Customer	MOASL
Jewell Disposal Service	Private	Presque Isle Co.	Customer	MOASL
Panda Waste Removal, In	c. Private	Presque Isle Co.	Customer	MOASL
A and K Disposal	Private	Presque Isle Co.	Customer	MOASL
L & N Disposal	Private	Presque Isle Co.	Customer	MOASL

Solid waste is gathered and transported by the above solid waste collectors in properly licensed and maintained waste hauling vehicles over existing county and state roads to the final disposal areas. A map indicating the locations of the nearby sanitary landfills and a map of the Presque Isle road system are is included in the attachments section following page D-4.

Waters = City Environmental Services of Waters Landfill, Crawford County.

MOASL = Montmorency-Oscoda-Alpena Sanitary Landfill, Montmorency County.

## **EVALUATION OF DEFICIENCIES AND PROBLEMS**

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

The same corporation owns two of the three landfills used by the County. This may result in reduced competition and possible higher disposal costs.

The collection of residential solid waste in out-county areas requires a high expenditure of time and energy because of their remoteness and the cost of transportation.

Recycling is hindered by the cost of transporting the materials to distant markets, the limited availability of marketable quantities of recyclables in low population areas of the County, the improper separation of the recycled items, the volunteer nature of the program, and the lack of participation and coordination between governmental units

There is no program for collecting household hazardous waste.

The limited capacity of the Elk Run Landfill in the County may hinder the County's ability to dispose of its' solid waste in the event out of county landfills are not able to accept the County's solid waste.

## **DEMOGRAPHICS**

The following presents the current and projected population densities and centers for five and ten-year periods and the identification of current and corresponding projected centers of solid waste generation including industrial solid waste for five and ten-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 cubic yards and it was calculated by using 365 days per year for residential and commercial solid waste estimates, and 260 days for industrial solid waste estimates.

The Northeast Region for Michigan's Lower Peninsula is expected to increase in population as the general population ages. As more people reach retirement age and move from urban to rural areas seeking a better quality of life, second home development in the area is expected to rise. Therefore, it is anticipated that areas near inland lakes and streams and along the Lake Huron shoreline will see the greatest increase in population.

The major population centers in the County are the villages of Millersburg and Posen and the cities of Rogers City and Onaway. The areas of greatest residential and commercial solid waste generation are assumed to coincide with these concentrations of population in the county.

Major areas of industrial solid waste should be clustered where the principal employers of the County are concentrated.

Table 1 on the next page illustrates the estimated change in population for the various municipalities over the next five and ten-year periods.

Table 1 Estimated Population by Year\*

Municipality	2000	2005	2010	
Allis Township	937	945	958	
Bearinger Township	260	262	266	
Belknap Township	973	981	995	
Bismarck Township	337	340	345	
Case Township	550	559	567	
Krakow Township	638	649	658	
Metz Township	426	433	439	
Millersburg Village	263	267	271	
Moltke Township	327	333	338	
North Allis Township	531	540	548	
Ocqueoc Township	550	559	567	
Onaway Township	1,092	1,110	1,125	
Posen Village	278	280	284	
Posen Township	749	762	773	
Presque Isle Twp.	1,287	1,309	1,327	
Pulawski Township	451	459	465	
Rogers City	3,778	3,842	3,895	
Rogers Township	906	921	933	
Total County	14,333	14,551	14,754	

<sup>\*</sup> Population figures and future estimates based on Presque Isle population by municipality from Presque Isle County Profile published by NEMCOG updated 5/18/98. The percentage change per each 5-year period of the total County population is derived from the Department of Management and Budget publication Preliminary Population Projections to the Year 2020 in Michigan Counties 2/25/00.

# 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 use trends in the County indicate residential development occurring along lakes, rivers, and adjacent to major roads. Commercial and industrial development are also tied to major roads and to population centers such as Rogers City, Onaway, Millersburg, and Posen. Overall, agriculture is slightly declining.

Future trends show that residential development will continue to follow existing roads and will be clustered around lakes and rivers. Commercial and industrial development will be concentrated in currently existing population centers. Additional development will most likely occur on non-forest, upland forest, and agricultural lands. This will continue the trend of splitting large parcels into smaller 5 and 10-acre sites as second home development increases as more people retire and move north.

# **SOLID WASTE MANAGEMENT ALTERNATIVES** (attach additional pages as necessary)

The following briefly describes all solid waste management systems considered by the County and how each alternative will meet the needs of the County. The manner of evaluation and ranking of each alternative is also described. Details regarding the Selected Alternatives are located in the following section. Details regarding each non-selected alternative are located in Appendix B.

Each solid waste management alternative for the County was assessed based on the following criteria in relation to the County's disposal needs:

Technical Feasibility (for five and ten-year periods)

Economic Feasibility (for five and ten-year periods)

Access to Land [siting] (for five and ten-year periods)

Access to Transportation (for five and ten-year periods)

Collection

Effects on Energy (for five and ten-year periods)

Environmental Impacts (for five and ten-year periods)

Public Acceptability

Waste Volume Reduction

Pollution Prevention

Resource Conservation (including source reduction)

Resource Recovery (including source separation, material, energy, and markets)

Ultimate Disposal Area Uses

Effects on Public Health

Institutional Arrangements

The alternatives were ranked according to how they satisfied above criteria.

Alternative I: This alternative maintains the management system presently in place in the County. Collection of solid waste will continue through private agreements between local haulers and individual homeowners, businesses, industries or municipalities, and the use of available transfer stations. Recycling and composting programs currently in operation in the County are expected to continue at the present level. Backyard composting will be promoted in the unpopulated portions of the County. Population centers such as Rogers City may provide areas for composting for their residents. A regular household hazardous waste collection program may be instituted depending on funding and sponsorship. Education efforts to encourage recycling, composting, resource recovery, resource conservation, and volume reduction of waste may involve existing local agencies and organizations. Solid waste will continue to be disposed of at the Montmorency Oscoda-Alpena Sanitary Landfill in Montmorency County, the City Environmental Services of Waters Landfill in Crawford County, and the Elk Run Landfill in Presque Isle County for the next five and ten-year planning periods.

<u>Technical Feasibility:</u> Solid waste from the County will continue to be transported and disposed of in sanitary landfills. This form of solid waste disposal is the principal method used in the state of Michigan as well as the entire country. The technology for this system has existed for many years and it will continue to be the primary disposal method for the next five and ten-year periods. The other elements of this alternative, recycling, composting, etc., are also technically feasible based

on past experience.

Economic Feasibility: Sanitary landfills are presently the most cost-effective way to dispose of solid waste even though rising fuel costs and consolidation of landfill ownership may increase the overhead of collecting, trucking and disposing of the solid waste to landfills located outside of the County. For the next five and ten-year periods, this appears to be the most economically feasible method available. As markets for recycled materials develop and stabilize this option should expand and become a viable alternative to landfill disposal.

Access to Land (siting): The Elk Run landfill is presently operating on a limited basis within the County although the potential for expansion of the present site is possible. However, the County appears to have sufficient capacity to satisfy the County's solid waste disposal needs through the next five and ten-year periods by exporting its' solid waste outside the County to the Montmorency-Oscoda-Alpena Sanitary Landfill in Montmorency County and the City Environmental Services of Waters Landfill in Crawford County.

Access to Transportation: The County has enough primary paved and secondary paved and unpaved roads to facilitate the collection and hauling of solid waste to the County landfill and to the local transfer stations. County Class A roads and state highways permit transportation of the solid waste accumulated in the transfer stations from the County to authorized out-of-county landfills. This situation will most likely remain unchanged for the next 5 and 10-year periods (See the Presque Isle County road map in the attachments section following page D-4).

<u>Collection:</u> The County has two transfer stations that are available to its' residents to handle their solid waste. In addition, the City of Rogers City instituted curbside refuse collection and maintains its' own transfer station within the city limits. The solid waste is transported from these transfer stations on a regular basis by a private waste hauling company to authorized out-of-county landfills for final disposal. "Curbside" collection is provided by private waste collection and hauling firms operating in the County and Rogers City through arrangements with the residents, businesses, industries, and other organizations they service.

<u>Effects on Energy</u>: In general, the use of energy is expected to increase during the 5 to 10-year periods identified in the Plan as the population of the County grows and more energy must be expended to collect, transport, compact, and dispose of the additional solid waste. Expanded recycling efforts in the County may decrease overall energy consumption but the amount of energy savings would be difficult to quantify.

Environmental Impacts: For the next five to ten-year periods, this alternative should have positive environmental impact. Expansion of the recycling and composting programs, and minimizing solid waste generation in the County through resource conservation measures would improve the environment by decreasing the waste stream. Future increases in population and industry may offset to some degree the positive environmental impact that recycling, composting, resource conservation, and improvements in solid waste collection, transportation, and disposal methods may create. The institution of a regular household hazardous waste collection program would also remove those materials from potentially polluting the environment.

<u>Public Acceptability:</u> Public support for a solid waste management system rests on low cost, minimum effort, and familiarity with the process. Alternative I is cost effective, requires only the

effort to deposit solid waste for collection, and uses a collection, transportation, and disposal system known and recognized by the community. In addition, existing recycling, and composting programs in Presque Isle County are available on a voluntary basis.

<u>Waste Reduction:</u> This is approached on two levels: reducing the amount of waste being generated and disposed of through recycling and resource recovery, and reducing the volume through compaction, shredding, baling, or incineration.

The County encourages a volunteer program of recycling and composting. Recycling containers are provided at each of the three transfer stations mentioned above, at the North Allis Township Hall and in the communities of Millersburg and Hawks.

The only volume reduction to the waste stream occurs during collection by the waste hauling trucks and by mobile compactors at the landfills.

<u>Pollution Prevention:</u> Procedures to prevent pollution are restricted to placing solid waste into plastic bags or other sealed containers to prevent exposure to the environment. Waste haulers and disposal areas are mandated by state and federal regulations to institute pollution prevention measures and to take remedial action when pollution has occurred.

Resource Conservation: The DEQ is unaware of any programs currently in place or proposed by the County. The Plan encourages future development of local resource conservation and waste reduction programs.

Resource Recovery: The County encourages a volunteer program of recycling and composting. Recycling containers are provided at each of the three transfer stations mentioned above, at the North Allis Township hall and in the communities of Millersburg and Hawks. The types of materials recycled and markets are identified in Appendix A, page A-2 and on page III-29 of the Plan.

<u>Ultimate Disposal Area Uses:</u> Information as to the ultimate use of the disposal areas, particularly the sanitary landfills, is the responsibility of the owners and/or operators. This data is presently unavailable.

Effects of Public Health: Historically, the collection, transportation, and disposal of solid waste in suitable areas was developed to prevent the buildup of solid waste and eliminate the risk to public health that such an accumulation may cause. The current system in the County adequately protects public health.

<u>Institutional Arrangements</u>: The collection, transportation, and disposal of solid waste generated in the County is performed by private waste collection and hauling companies through agreements with residents, businesses, industries, and local governments. Recycled material is brought to the collection boxes on a volunteer basis by the residents of the County. The County subsidizes the transportation of the recycled material to Emmet County's material recovery facility by a private hauler.

**Alternative II:** This alternative encourages the County to establish a waste management department and enact an ordinance that would give this department powers to mandate the collection of solid waste, to require household, commercial, and industrial recycling and composting

programs, and to regulate the operations of waste haulers in the County.

Technical Feasibility: Solid waste from the County will continue to be transported and disposed of in sanitary landfills. This form of solid waste disposal is the principal method used in the state of Michigan as well as the entire country. The technology for this system of solid waste disposal has existed for many years and will continue to be the primary disposal method for the next five and ten-year periods. The other elements of this alternative, mandatory recycling, composting, etc., are also technically feasible based on experience elsewhere.

Economic Feasibility: The creation and operation of a permanent County Solid Waste Management Agency with responsibilities for administrating and enforcing the mandatory recycling, composting, household hazardous materials collection, and solid waste collection programs, and monitoring private waste haulers in the County would require a financial commitment by the County. It is doubtful, given the limited economic base and small population of the County, that the County would support this alternative.

Access to Land (siting): The Elk Run landfill is presently operating on a limited basis within the County although the potential for expansion of the present site is possible. However, the County appears to have sufficient capacity to satisfy the County's solid waste disposal needs through the next five and ten-year periods by exporting its' solid waste outside the County to the Montmorency-Oscoda-Alpena Sanitary Landfill in Montmorency County and the City Environmental Services of Waters Landfill in Crawford County. This may preclude the siting of a landfill within the County, although areas exist within the County that are suitable for locating a landfill (See the map of nearby landfills in the attachments section following page D-4).

Access to Transportation: The County has enough primary paved and secondary paved and unpaved roads to facilitate the collection and hauling of solid waste to the local transfer stations and the County landfill. County Class A roads and state highways permit transportation of the solid waste accumulated in the transfer stations from the County to authorized out-of-county landfills. This situation will not change for the next five and ten-year periods. (See the Presque Isle County road map in the attachments section following page D-4).

<u>Collection:</u> The County would require the collection of solid waste, recycled materials, and yard waste and would monitor the trucking of these items by private waste collection and hauling companies through the waste management department.

Effects on Energy: A mandatory system such as this one should remove a great deal of material from the solid waste stream which should result in energy savings in the collection and disposal of solid waste and energy savings in the reuse of recycled materials in manufacturing processes.

<u>Environmental Impacts</u>: This alternative should have a positive environmental impact. The removal of household hazardous materials from the County waste stream as well as materials separated through recycling, composting, etc., will lessen the risk of pollution of the environment that is always a possibility when handling solid waste disposal.

<u>Public Acceptability:</u> The costs of implementing and enforcing a mandatory solid waste collection system, as outlined in Alternative II, might require the County to introduce or increase fees, levy millage, or otherwise raise funds to run the system. This would certainly be unpopular with the

public. In addition, the public is apt to support voluntary programs rather than mandatory programs.

<u>Waste Reduction:</u> This is approached on two levels: reducing the amount of waste being generated and disposed of through recycling and resource recovery, and reducing the volume through compaction, shredding, baling, or incineration.

The County would require participation in a program of recycling and composting. Recycling containers would be provided at each of the three transfer stations mentioned above, at the North Allis Township Hall, and in the communities of Millersburg and Hawks. Additional recycling boxes would be set up as demand required.

The only volume reduction done to the waste stream would occur during collection by the waste hauling trucks and by mobile compactors at the landfills.

<u>Pollution Prevention:</u> Procedures to prevent pollution are restricted to placing solid waste into plastic bags or other sealed containers to prevent exposure to the environment. Waste haulers and disposal areas are mandated by state and federal regulations to institute pollution prevention measures and to take remedial action when pollution has occurred. The County will mandate at least one household hazardous waste collection day per year.

Resource Conservation: The County does not intend to institute any resource conservation programs.

Resource Recovery: The County requires recycling and composting. Recycling containers would be provided at each of the three transfer stations mentioned above, at the North Allis Township Hall and in the communities of Millersburg and Hawks. The types of materials that would be recycled and markets are identified in Appendix A, page A-2 and on page III-29 of the Plan.

<u>Ultimate Disposal Area Uses:</u> Information as to the ultimate use of the disposal areas, particularly the sanitary landfills, is the responsibility of the owners and/or operators. This data is presently unavailable.

<u>Effects of Public Health:</u> The collection, transportation, and disposal of solid waste in suitable areas were developed to prevent the buildup of solid waste and eliminate the risk to public health that such an accumulation may cause. Therefore, general public health would be protected.

Institutional Arrangements: The County would mandate that all County residents and businesses participate in a solid waste collection services, recycling, and composting programs. Private waste haulers would still collect and transport the solid waste to landfills and the recycled materials to a regional MRF under the regulations and rules enforced by the designated County waste management agency.

# 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 resource recovery programs. It also addresses collection processes and transportation needs that provide the most cost effective, efficient service. Proposed disposal areas locations and capacity to accept solid waste are identified as well as program management, funding, and enforcement roles for local agencies. Detailed information on recycling programs, evaluation, and coordination of the Selected System is included in Appendix A. Following is an overall description of the Selected System:

The Selected System for Solid Waste Management in the County addresses the proper collection and disposal of solid waste generated by residences, businesses, industries, and farms. This system uses a combination of public and private initiatives to reduce the risks to public health and to educate the public on the benefits of proper disposal of solid waste, composting, and recycling. Collection of the solid wastes will be managed by private waste haulers contracted by a combination of local units of government, businesses, industry and, on an individual basis, homeowners. These collections include both curbside collections and drop off sites. Public health, DEQ, Department of Transportation (DOT) regulations, and applicable state and county laws will prescribe law enforcement mechanisms for the County.

Solid Waste will be transported by private solid waste haulers to approved licensed landfills authorized to accept waste from the County. The DOT rules relating to the proper maintenance of equipment and correct handling of solid waste on highways will be followed.

The continuation of current recycling, composting, and household hazardous waste collection programs will be encouraged and new programs may be explored.

Therefore, Alternative I is the selected solid waste management system for the County.

# 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/	AUTHORIZED QUANTITY/	AUTHORIZED CONDITIONS <sup>2</sup>
Presque Isle	Alcona		DAILY 100%	ANNUAL <u>100%</u>	<u>P</u>
Presque Isle	<u>Antrim</u>		<u>100%</u>	<u>100%</u>	<u>P</u>
Presque Isle	<u>Benzie</u>		100%	100%	<u>P</u>
Presque Isle	Charlevoix		100%	100%	<u>P</u>
Presque Isle	Cheboygan		<u>100%</u>	100%	<u>P</u>
Presque Isle	Chippewa		100%	<u>100%</u>	<u>P</u>
Presque Isle	Crawford		<u>100%</u>	<u>100%</u>	<u>P</u>
Presque Isle	Emmet		<u>100%</u>	100%	<u>P</u>
Presque Isle	Grand Traverse		<u>100%</u>	<u>100%</u>	<u>P</u>

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

<sup>&</sup>lt;sup>2</sup> Authorization indicated by P = Primary Disposal; C = Contingency Disposal; \* = Other conditions exist and detailed explanation is included in the Attachment Section.

Kalkaska       100%       100%         Leelanau       100%       100%         Luce       100%       100%         Montmorency       100%       100%         Manistee       100%       100%         Oscoda       100%       100%         Otsego       100%       100%
aft 100%

Primary Disposal - the disposal capacity which will be used on a routine, daily, or regular basis to meet a county's disposal needs.

Contingency Disposal – disposal capacity whose use is triggered by the actual unavailability of primary disposal capacity, not by economic, business, or convenience considerations.

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

FACILITY NAME<sup>1</sup> EXPORTING COUNTY IMPORTING COUNTY

AUTHORIZED AUTHORIZED AUTHORIZED QUANTITY/ QUANTITY/ CONDITIONS<sup>2</sup> DAILY ANNUAL

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

<sup>&</sup>lt;sup>2</sup> Authorization indicated by P = Primary Disposal; C = Contingency Disposal; \* = Other conditions exist and detailed explanation is included in the Attachment Section. See Page III-3 for definitions of primary and contingency disposal

## **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  Presque Isle	IMPORTING COUNTY Alcona	FACILITY NAME <sup>1</sup>	AUTHORIZED QUANTITY/ DAILY 100%	AUTHORIZED QUANTITY/ ANNUAL 100%	AUTHORIZED CONDITIONS <sup>2</sup>
Presque Isle	Alpena		100%	100%	<u>P</u>
Presque Isle	<u>Antrim</u>		100%	100%	<u>P</u>
Presque Isle	<u>Benzie</u>		100%	100%	<u>P</u>
Presque Isle	Charlevoix	***************************************	100%	100%	<u>P</u>
Presque Isle	Cheboygan		100%	<u>100%</u>	<u>P</u>
Presque Isle	Chippewa		100%	<u>100%</u>	<u>P</u>

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

<sup>&</sup>lt;sup>2</sup> Authorization indicated by P = Primary Disposal; C = Contingency Disposal; \* = Other conditions exist and detailed explanation is included in the Attachment Section. See Page III-3 for definitions of primary and contingency disposal.

Presque Isle	Crawford		<u>100%</u>	100%	<u>P</u>
Presque Isle	Emmet		100%	100%	<u>P</u>
Presque Isle	Grand Traverse		100%	100%	<u>P</u>
Presque Isle	losco	<del></del>	100%	100%	<u>P</u>
Presque Isle	<u>Kalkaska</u>	<del></del>	100%	<u>100%</u>	<u>P</u>
Presque Isle	Luce	er <del>annamen</del>	100%	100%	<u>P</u>
Presque Isle	Leelanau		100%	100%	<u>P</u>
Presque Isle	Mackinac		100%	100%	<u>P</u>
Presque Isle	Manistee		100%	100%	<u>P</u>
Presque Isle	Montmorency		100%	100%	<u>P</u>
Presque Isle	Oscoda		<u>100%</u>	<u>100%</u>	<u>P</u>
Presque Isle	Otsego		<u>100%</u>	100%	<u>P</u>
Presque Isle	Schoolcraft		100%	100%	<u>P</u>

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

<sup>&</sup>lt;sup>2</sup> Authorization indicated by P = Primary Disposal; C = Contingency Disposal; \* = Other conditions exist and detailed explanation is included in the Attachment Section. See Page III-3 for definitions of primary and contingency disposal.

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

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 NAMF<sup>1</sup> AUTHORIZED QUANTITY/

AUTHORIZED QUANTITY/

AUTHORIZED CONDITIONS<sup>2</sup>

DAILY

ANNUAL

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

<sup>&</sup>lt;sup>2</sup> Authorization indicated by P = Primary Disposal; C = Contingency Disposal; \* = Other conditions exist and detailed explanation is included in the Attachment Section. See Page III-3 for definitions of primary and contingency disposal.

## **SOLID WASTE DISPOSAL AREAS**

The following identifies the names of existing disposal areas which will be utilized to provide the required capacity and management needs for the solid waste generated within the County for the next five years and, if possible, the next ten years. Pages III-9 through III-14 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:
Elk Run Sanitary Landfill
City Environmental Services, Inc. of Waters
Montmorency-Oscoda-Alpena Sanitary Landfill

Type A Transfer Facility:
Rogers City Transfer Station
Waste Management Transfer StationCity of Cheboygan

Type B Transfer Facility:
Krakow Township Transfer Station
Ocqueoc Township Transfer Station

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.

## FACILITY DESCRIPTIONS

Facility Type: Type II Sanitary Landfill Facility Name: Elk Run Sanitary Landf County: Presque Isle Location: Town:	
Map identifying location included in Atta	achment Section: X Yes No
Transfer Station wastes:	Station, list the final disposal site and location for Incinerator ash or bublic Services of Michigan
	Waste Types Received (check all that apply)  residential commercial industrial construction & demolition contaminated soils special wastes * other:  ng a specific list and/or conditions: Asbestos, industrial process
waste, sludges, and pollution control waste.	astes
Site Size: Total area of facility property: Total area sited for use: Total area permitted: Operating: Not excavated:	120 acres 42 acres 42 acres ∼3 acres ∼39 acres
Current capacity: Estimated lifetime: Estimated days open per year: Estimated yearly disposal volume: Estimated lifetime capacity:	6,000 cubic yards remaining in current licensed cell. 20 years 286 days 48,000 – 140,000 cubic yards 960,000 – 2,800,000 cubic yards based on permitted, unlicensed area.
(if applicable) Annual energy production: Landfill gas recovery projects: Waste-to-energy incinerators:	<u>N/A</u> megawatts <u>N/A</u> megawatts

### **FACILITY DESCRIPTIONS** Facility Type: Type A Transfer Station Facility Name: City of Rogers City Location: 503 West Park Dr., Rogers City, MI County: Presque Isle Map identifying location included in Attachment Section: ☐ 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: City Environmental Services of Waters, Crawford County □ Public □ Private Owner: City of Rogers City, operated by City Management Corp. Operating Status (check) Waste Types Received (check all that apply) residential open commercial closed industrial licensed construction & demolition unlicensed contaminated soils construction permit special wastes \* open, but closure other: pending \* Explanation of special wastes, including a specific list and/or conditions: Total area of facility property: acres Total area sited for use: acres Total area permitted: acres Operating: acres Not excavated: acres ☐tons or ☐yds³ Current capacity: Estimated lifetime: years 78 days Estimated days open per year: Estimated yearly disposal volume: 4,160 cubic yards (if applicable) Annual energy production: megawatts Landfill gas recovery projects: N/A megawatts Waste-to-energy incinerators: N/A

## FACILITY DESCRIPTIONS

Facility Type: Type B Transfer Station		
Facility Name: Krakow Township Transfer Sta	ation	
County: Presque Isle Location: Town: 34N	√ Range: <u>7E</u>	Section(s): 22
Map identifying location included in Attachmer	nt Section:	]Yes ⊠ No
If facility is an Incinerator or a Transfer Station Transfer Station wastes: City Environmental S		disposal site and location for Incinerator ash or aters, Crawford County
☑ Public ☐ Private Owner: Krakow Town	ship	
Operating Status (check) Was  open  closed  licensed  unlicensed  construction permit  open, but closure pending  * Explanation of special wastes, including a sp	resid comr indus consi conta speci other	nercial trial ruction & demolition minated soils al wastes *
Site Size: Total area of facility property: Total area sited for use: Total area permitted: Operating: Not excavated: Current capacity: Estimated lifetime:		acres acres acres acres acres acres acres cores  tons or □yds³ years
Estimated days open per year: Estimated yearly disposal volume:	<u>116</u> days <u>2,080</u> com	pacted cubic yards
(if applicable) Annual energy production: Landfill gas recovery projects: Waste-to-energy incinerators:	<u>N/A</u> <u>N/A</u>	megawatts megawatts

## **FACILITY DESCRIPTIONS** Facility Type: Type B Transfer Station Facility Name: Ocqueoc Township Transfer Station County: Presque Isle Location: Town: 35N Range: 3E Section(s): 5 Map identifying location included in Attachment Section: ☐ 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: City Environmental Services of Waters, Crawford County □ Private Owner: Ocqueoc Township Operating Status (check) Waste Types Received (check all that apply) open residential closed commercial licensed industrial construction & demolition unlicensed contaminated soils construction permit special wastes \* open, but closure other: pending \* Explanation of special wastes, including a specific list and/or conditions:

Site Size: Total area of facility property: Total area sited for use: Total area permitted: Operating: Not excavated:		acres acres acres acres acres
Current capacity: Estimated lifetime: Estimated days open per year: Estimated yearly disposal volume:	116 days 1,560 loose	☐ tons or ☐yds³ years cubic yards
(if applicable) Annual energy production: Landfill gas recovery projects: Waste-to-energy incinerators:	<u>N/A</u> <u>N/A</u>	megawatts megawatts

## FACILITY DESCRIPTIONS

Facility Type: Type II Landfill Facility Name: City Environmental Services	of Waters
County: Crawford Location: Town: 28N Ra	ange: 8E Section(s): 4
Map identifying location included in Attachme	ent Section: X Yes No
If facility is an Incinerator or a Transfer Statio Transfer Station wastes :	n, list the final disposal site and location for Incinerator ash o
☐ Public ☑ Private Owner: Waste Mana	agement, Inc.
Operating Status (check)  open  closed  licensed  unlicensed  construction permit  open, but closure  pending  * Explanation of special wastes, including a sastestos and friable materials.	residential commercial industrial construction & demolition contaminated soils special wastes * other:  pecific list and/or conditions:
Site Size: Total area of facility property: Total area sited for use: Total area permitted: Operating: Not excavated: Current capacity:	252.20 acres 252.20 acres 79.07 acres 9.7 acres 64.87 acres 5.5 million bank cubic yards
Estimated lifetime: Estimated days open per year: Estimated yearly disposal volume:	<u>20</u> years <u>313</u> days <u>320,000</u> gate cubic yards
(if applicable) Annual energy production: Landfill gas recovery projects: Waste-to-energy incinerators:	megawatts megawatts

(if applicable)

Annual energy production:

Landfill gas recovery projects: Waste-to-energy incinerators

### **FACILITY DESCRIPTIONS** Facility Type: Type II Sanitary Landfill Facility Name: Montmorency-Oscoda-Alpena Sanitary Landfill County: Presque Isle Location: Town: 29N Range: 3E Section(s): 6 Map identifying location included in Attachment Section: X 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: Public Private Owner: Jointly owned by Montmorency, Oscoda, and Alpena Counties Operating Status (check) Waste Types Received (check all that apply) residential open commercial closed industrial licensed construction & demolition unlicensed contaminated soils construction permit special wastes \* open, but closure other: pending \* Explanation of special wastes, including a specific list and/or conditions: Site Size: Total area of facility property: 80 acres Total area sited for use: 80 acres Total area permitted: 80 acres Operating: 3-4 acres 37-40 acres Not excavated: 3,500,000 cubic yards Current capacity: Estimated lifetime: 30 years Estimated days open per year: 310 days Estimated yearly disposal volume: 145,000 cubic yards

N/A megawatts

Future gas recovery project planned

Landfill gas recovery projects:

Waste-to-energy incinerators:

### **FACILITY DESCRIPTIONS** Facility Type: Type A Transfer Station Facility Name: Waste Management Transfer Station-City of Cheboygan County: Cheboygan Location: Town: 33N Range: 2E Section(s): 5 (Cheboygan Industrial Park) Map identifying location included in Attachment Section: ☐ 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: City Environmental Services of Waters, Crawford County Public Private Owner: Waste Management, Inc. Operating Status (check) Waste Types Received (check all that apply) residential open commercial closed licensed industrial construction & demolition unlicensed construction permit contaminated soils open, but closure special wastes \* other: pending \* Explanation of special wastes, including a specific list and/or conditions: Site Size: Total area of facility property: 9 acres Total area sited for use: 9 acres Total area permitted: 9 acres Operating: 9 acres Not excavated: acres cubic yards Current capacity: years Estimated lifetime: 260 days Estimated days open per year: 56,628, cubic yards (1999 estimate) Estimated yearly disposal volume: (if applicable) Annual energy production:

N/A megawatts

N/A megawatts

## **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.

Collection services within the County are currently handled by private waste haulers that collect solid waste in the County and transport it to the Elk Run landfill within the County, the Montmorency-Oscoda-Alpena Sanitary Landfill in Montmorency County, and the City Environmental Services of Waters Landfill in Crawford County. The city of Rogers City provides a transfer station for its residents. There are two other transfer stations in the County, in Ocqueoc and Krakow Townships. All three are served by private contract with Waste Management, Inc. that hauls the solid waste to the City Environmental Services of Waters Landfill. Refuse collection is also available to all residents in the cities, villages, and townships in the County through private waste haulers as outlined on page II-11 or the residents can elect to haul their own waste to any nearby disposal area.

Waste haulers and County residents are served by state trunklines, as well as, County maintained primary and secondary roads (see the Presque Isle County Road map in the attachment section).

Overall, the County is adequately served by the present system of solid waste collection, transportation, and disposal.

## **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/Yr.		
	Current	5th yr.	1 <u>0th yr.</u>
No local programs have been identified			

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

## WASTE REDUCTION, RECYCLING, & COMPOSTING PROGRAMS:

## **Volume Reduction Techniques**

The following describes the techniques utilized 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 S Current	Est. Air Space Conserved Yds <sup>3</sup> Current 5th yr. 10t		
Hauler packer trucks used in solid waste collection	4,327	4,393	4,474	
Mobile compactors at landfills	1,300	1,320	1,344	

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

## 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.

The County operates a voluntary recycling program. The County provides six recycling stations where County residents can bring their recycled material. These are located at Rogers City, Krakow, and Ocqueoc transfer stations, in the communities of Millersburg and Hawks, and at the North Allis Township Hall. The County subsidizes the cost of transporting the recycled materials from the collection receptacles to the Emmet County MRF. The following table lists the types of materials and the estimated volume recycled per each five-year period beginning in 2000.

Materials	<b>2000</b> (yds. <sup>3</sup> /yr.)	<b>2005</b> (yds.³/yr.)	<b>2010</b> (yds. <sup>3</sup> /yr.)
Newspapers	548	603	663
Glass	157	173	190
Tin	169	186	205
#2 (HDPE) Plastic	526	578	636
Totals	1,400	1,540	1,694

The expansion of the current voluntary recycling program in the County is hindered by the following factors:

- Only about 36 percent of the County's population reside in urban areas. The remaining
  populace is rural. Low population density complicates the accumulation and transportation
  of recyclable materials to collection points.
- The County is served by numerous waste hauling companies (see page II-11) which makes the coordination of a "pickup" recycling effort difficult.
- The cost of overcoming the problems outlined above makes expansion of the program beyond the present level difficult.

The County encourages the composting of yard waste by its' residents. The city of Rogers City provides a collection point for material to be composted at the Rogers City transfer station. The rural nature of the county discourages the large-scale collection of yard waste and brush for composting at a central location, therefore, composting is expected to remain the responsibility of the individual.

Resource conservation is not practiced in the County. The logistics of such a program given the conditions outlined above do not make it feasible except on an individual, voluntary basis.

	programs are included on the following pages.
	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:
	Composting programs within the County are feasible. Details of existing and planned programs are included on the following pages.
	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: Composting on any level other than the current voluntary program is not possible at this time. The rural nature of the County and the population spread greatly hinder the establishment of a comprehensive, economically viable program. The Rogers City transfer station has a drop off for yard waste that is composted on the site. This program is voluntary and city residents are given free access to the compost product.
$\boxtimes$	Programs for source separation of potentially hazardous materials are feasible. Hazardous waste collection days were conducted in the past by BFI (now Waste Management, Inc.) as part of the licensing agreement for the Elk Run Landfill. This is no longer the case. Future hazardous waste collection days will depend on the availability of funding and the willingness of an organization, whether public or private, to sponsor the event.
	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:

## 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, Tables III-1, III-2, and III-3 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. Tables III-4, III-5, and III-6 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.

The County operates a voluntary recycling program. The County provides six recycling stations where County residents can bring their recycled material. These are located at the Rogers City, Krakow, and Ocqueoc transfer stations, in the communities of Millersburg and Hawks, and at the North Allis Township Hall. The County subsidizes the cost of transporting the recycled materials from the collection receptacles to the Emmet County MRF.

The County is studying the possibility of joining the Northeast Michigan Recycling Alliance and sending their recycled materials to the Alpena County MRF.

## **RECYCLING:**

Program Name	Service Area <sup>1</sup>	Public or <u>Private</u>	Collection Point <sup>3</sup>	Collection Frequency	Materials 4	Program Mana Collected <sup>5</sup>	agement Respo Development	onsibilities <sup>2</sup> Operation
County Sponsored	Evaluation Presque Isle Co.	<u>Public</u>	<u>d</u>	<u>n</u>	A,B,C,E, F	<u>2, 6</u>	<u>2, 6</u>	<u>2, 6</u>
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		<del></del>						
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						<del></del>		

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

<sup>&</sup>lt;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>&</sup>lt;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 29); 5 = Private Owner/Operator; 6 = Other (Identified on page 29).

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

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

<sup>&</sup>lt;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 30.

## **COMPOSTING:**

Program Name	Service Area <sup>1</sup> Evaluation	Public or <u>Private</u>	Collection Point <sup>3</sup>	Collection Frequence	Materials ⊻ <sup>4</sup>	Program Mar Collected <sup>5</sup>	nagement Respo Development	
Voluntary County wide		<u>Private</u>	<u>o</u>	none	<u>G, L, W</u>	<u>2</u>	<u>2</u>	2
Rogers City provides a drop-off area for yard waste and brush at the City transfer s	tation	Public	<u>d</u>	<u>n</u>	<u>G, L, W</u>	7	<u> 7</u>	<u>7</u>
		<del></del>						<del></del>
				<del></del>				
		****						
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☐ Additional programs and the above information for those programs are listed on an attached page.

<sup>&</sup>lt;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>&</sup>lt;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 29); 5 = Private Owner/Operator; 6, 7 = Other (Identified on page 29).

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

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

<sup>&</sup>lt;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 30.

## SOURCE SEPARATION OF POTENTIALLY HAZARDOUS MATERIALS:

Since improper disposal of non-regulated 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.

Program Name	Service Area <sup>1</sup>	Public or <u>Private</u>	Collection Point <sup>3</sup>	Collection Frequency	Materials	Program Man Collected <sup>5</sup>	agement Respo <u>Development</u>	onsibilities <sup>2</sup> Operation
No local program identified	Evaluation							
			444.		<del></del>		***************************************	•
				<del></del>				
			****	<del></del>		<del></del>		

<sup>☐</sup> Additional programs and the above information for those programs are listed on an attached page.

<sup>&</sup>lt;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>&</sup>lt;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 29); 5 = Private Owner/Operator; 6 = Other (Identified on page 25).

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

<sup>&</sup>lt;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>&</sup>lt;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.

## PROPOSED RECYCLING:

onsibilities <sup>2</sup> Operation	2.6				
agement Responsibilities <sup>2</sup> <u>Development</u> <u>Operation</u>	2,6				
Public or Collection Collection Materials Program Management Responsibilities <sup>2</sup> <u>Private Point Frequency</u> <u>Collected Development Operation</u>	2,6				
n Materials 2 <u>v</u> ⁴	A.B.C.D,E.F				pade.
Collection Frequency	×ι				n attached
Collection <u>Point³</u>	וס				listed on a
Public or <u>Private</u>	Public				rograms are
Area¹	Presque Isle Co.				Additional programs and the above information for those programs are listed on an attached page.
Service Area <sup>1</sup> Evaluation	ng Alliance				and the above
Program Name (if known)	Northeast Michigan Recycling Alliance				Additional programs

<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>&</sup>lt;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 29); 5 = Private Owner/Operator; 6 = Other (Identified on page 25).

 $<sup>^3</sup>$  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>&</sup>lt;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 30.

## PROPOSED COMPOSTING:

	Program Name, (if known)	Service Area <sup>1</sup> Evaluation	Public or <u>Private</u>	Collection Point <sup>3</sup>	Collection Frequency	Materials 4	Program Mana Collected <sup>5</sup>	agement Respo <u>Development</u>	nsibilities <sup>2</sup> <u>Operatior</u>
	No local program identifie	d							
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Additional programs and the above information for those programs are listed on an attached page.

<sup>&</sup>lt;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>&</sup>lt;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 29); 5 = Private Owner/Operator; 6 = Other (Identified on page 29).

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

<sup>&</sup>lt;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>&</sup>lt;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 30.

## PROPOSED SOURCE SEPARATION OF POTENTIALLY HAZARDOUS MATERIALS:

	am Name, nown)	Service Area <sup>1</sup>	Public or Private	Collection Point <sup>3</sup>	Collection Frequency	<i>1</i>	Program Mana Collected <sup>5</sup>	agement Respo Development	
	,	Evaluation							
No	local program identifi	ed	<del> </del>						

<sup>&</sup>lt;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>&</sup>lt;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 29); 5 = Private Owner/Operator; 6 = Other (Identified on page 29).

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

<sup>&</sup>lt;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>&</sup>lt;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.

## 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:

<sup>6</sup>Resource Recovery Committee

<sup>7</sup>City of Rogers City

## **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.

Collected Material:	Projected Current		rds. <sup>3</sup> Diverted: 10th Yr	Collected Material:	Projected Current	Annual yo 5th Yr	ds. <sup>3</sup> Diverted: 10th Yr
A. TOTAL PLASTICS:	<u>526</u>	<u>578</u>	<u>636</u>	G. GRASS AND LEAVES:			
B. NEWSPAPER:	<u>548</u>	<u>603</u>	663	H. TOTAL WOOD WASTE:			
C. CORRUGATED CONTAINERS: D. TOTAL OTHER PAPER: E. TOTAL GLASS:	<u>unk</u> <u>unk</u> 157	<u>unk</u> <u>unk</u> 173	<u>unk</u> <u>unk</u> 190	<ul><li>I. CONSTRUCTION AND DEMOLITION:</li><li>J. FOOD AND FOOD PROCESSING:</li><li>K. TIRES:</li></ul>			
F. OTHER MATERIALS:				L. TOTAL METALS:	<del></del>		
F1. <u>Tin</u>	<u>169</u>	<u>186</u>	<u>205</u>	F3			
F2	<u> </u>		*************	F4	***		

## 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.

Collected <u>Material:</u>	In-State <u>Markets</u>	Out-of-State <u>Markets</u>	Collected <u>Material</u>	In-State <u>Markets</u>	Out-of-State <u>Markets</u>
A. TOTAL PLASTICS:	<u>100%</u>		G. GRASS AND LEAVES:	<u>100%</u>	
B. NEWSPAPER:	100%		H. TOTAL WOOD WASTE:	<u>100%</u>	
C. CORRUGATED CONTAINERS: D. TOTAL OTHER PAPER: E. TOTAL GLASS:	100% 100% 100%		I. CONSTRUCTION AND DEMOLITION: J. FOOD AND FOOD PROCESSING K. TIRES:	100% 100% 100%	
F. OTHER MATERIALS: F1. <u>Tin</u> F2	100%		L. TOTAL METALS: F3 F4		

## **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 listing of the programs offered or proposed to be offered in this County.

Program Topic <sup>1</sup>	Delivery Medium <sup>2</sup>	Targeted Audience <sup>3</sup>	Program Provider <sup>4</sup>
1	<u>n, f, o</u>	<u>p, b, i</u>	<u>O*</u>
<u>2</u>	<u>n, f, o</u>	<u>p, b, i</u>	<u>O*</u>
<u>3</u>	<u>n, f, o</u>	<u>p, b, i</u>	<u>O*</u>
	. edutoblasidificanosea		
		-	

<sup>\*</sup>The agency responsible for these educational and informational programs may consist of the County, municipalities, private organizations or any combination. The preparation, implementation and operation of these programs would depend on the availability of funding and the discretion of the entities prepared to take the responsibility.

In addition if the program is limited to a geographic area, then that county, city, village, etc. is listed.

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

<sup>&</sup>lt;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>&</sup>lt;sup>2</sup> Identified by w = workshop; r = radio; t = television; n = newspaper; o = organizational newsletters; 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.

<sup>&</sup>lt;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.

## TIMETABLE FOR SELECTED SYSTEM IMPLEMENTATION

This timetable is a guideline to implement components of the Selected System. The <u>Timeline</u> 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 Components	Timeline
Recycling Program	Ongoing
Voluntary Composting Program	Ongoing
Educational and Informational Programs*	Ongoing
Hazardous Materials Collection*	2001 +
Expanded Recycling Program	2001 +

<sup>\*</sup>Contingent upon funding.

## 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.

N/A

## 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. (Attach additional pages if necessary.)

- (1) Proposals for all new disposal areas must be found consistent with the criteria contained in this section before a determination of consistency may be issued. Proposals for a disposal area type not allowed by the Plan are automatically inconsistent with the Plan unless specifically added to the Plan through a properly approved Plan amendment.
- (2) To initiate the review under this Plan, the facility developer shall submit ten copies of the information required below to the Presque Isle County Board of Commissioners (BOC).
- (3) Solid waste facility siting proposals will be reviewed for consistency with the Plan. The BOC may designate or appoint a solid waste planning committee, a technical committee, or a planning agency, as it deems appropriate, to review the solid waste facility proposal for consistency with the Plan according to the procedures outlined herein. In that case, the designated planning agency must be appointed within 30 days of the BOC receiving this application. This chosen body shall make a recommendation to the BOC on the consistency of the proposal; however, it is the responsibility of the BOC to make the decision on whether the proposal is consistent with the County Plan. A proposal that is declared to be consistent with the Plan by the BOC shall become part of the Plan upon issuance of a construction permit by the DEQ.
- (4) Upon receipt of the application from the BOC, the designated planning agency shall have 30 days to review the application for administrative completeness in accordance with the requirements listed in subparts (i)-(vii) below. If it is not complete, the developer shall be notified and

given an opportunity to provide additional information to make the application complete. The developer has 30 working days to provide the requested information. If no determination is made within 30 working days after the reception of the additional information by the designated planning agency, the application shall be considered administratively complete.

- (i) The application shall include a name, address, and telephone number for: the applicant (including partners and other ownership interests), the property owner(s) of the site, any consulting engineers and geologists that will be involved in the project, a designated contact person for the facility developer (if different than the applicant), and shall specify the type of facility being proposed.
- (ii) The application shall contain information on the site location and orientation. This shall include a legal land description of the project area, a site map showing all roadways and principal land features within two miles of the site, a topographic map with contour intervals of no more than ten feet for the site, a map and description of all access roads showing their location, type of surface material, proposed access point to facility, haul route from access roads to nearest state trunkline, and a current map showing the proposed site and surrounding zoning, domiciles, and present usage of all property within one mile of the site.
- (iii) The application shall contain a map showing the locations of any permitted oil and gas wells drilled in the section containing the proposed landfill site and in adjacent sections and their current status. The plugging records of any permitted oil and gas wells located on the proposed landfill site shall also be included with the application.
- (iv) The application shall contain a description of the current site use and ground cover, a map showing the locations of all structures within 1,200 feet of the perimeter of the site, the location of all existing utilities, the location of the 100-year floodplain as defined by Rule 323.311 of the administrative rules of Part 31, Water Resources Protection, of Act 451, as amended within 1,200 feet of the site, location of all wetlands as defined by Part 303, Wetlands Protection, of Act 451 within 1,200 feet of the site, and the site soil types and general geological characteristics.
- (v) The application shall contain a description of the proposed site and facility design. This shall consist of a written proposal including the final design capacity.
- (vi) The application shall contain a description of the operations of the facility and shall provide information indicating the planned annual usage, anticipated sources of solid waste, and the facility life expectancy.
- (vii) If necessary to satisfy the requirements of criteria xiii, a signed statement indicating the willingness of the developer to provide for road improvements and/or maintenance.

(5) Within 45 days from the date the application is determined to be administratively complete, the designated planning agency shall complete the consistency review and make their recommendations to the BOC who shall send the County's written final determination of consistency for the proposal to the applicant. To be found consistent with the Plan, a proposed solid waste disposal area must comply with all the siting criteria and requirements described in subparts (i)-(xiii) below.

As provided by Section 11537a of Part 115, if Presque Isle County has 66 months of disposal capacity available for all waste generated in the county, the BOC may, at its discretion, refuse to allow this siting procedure to be used.

## Siting Criteria

- (i) The active work area for a new facility or expansion of an existing facility shall not be located closer than 500 feet from adjacent property lines, road rights-of-way, lakes, and perennial streams.
- (ii) The active work area for a new facility or expansion of an existing facility shall not be located closer than 1,000 feet from domiciles or public schools existing at the time of submission of the application.
- (iii) A new, previously unlicensed sanitary landfill shall not be constructed within 10,000 feet of a licensed airport runway. This restriction does not apply to expansions of existing sanitary landfills.
- (iv) A facility shall not be located in a 100 year floodplain as defined by Rule 323.311 of the administrative rules of Part 31, Water Resources Protection, of Act 451.
- (v) A facility shall not be located in a wetland regulated by Part 303, Wetlands Protection, of Act 451, unless a permit is issued.
- (vi) A facility shall not be constructed in lands enrolled under Part 361, Farmland and Open Space Preservation, of Act 451.
- (vii) A facility shall not be located in a sensitive environmental area as defined in Part 323, Shorelands Protection and Management, of Act 451, or in areas of unique habitat as defined by the Department of Natural Resources, Natural Features Inventory.
- (viii) A facility shall not be located in an area of groundwater recharge as defined by the United States Geological Survey or in a wellhead protection area as approved by the DEQ.

- (ix) A facility shall not be located in a designated historic or archaeological area defined by the state historical preservation officer.
- (x) A facility shall not be located or permitted to expand on land owned by the United States of America or the state of Michigan. Disposal areas may be located on state land only if both of the following conditions are met:
  - a) Thorough investigation and evaluation of the proposed site by the facility developer indicates, to the satisfaction of the DEQ, that the site is suitable for such use.
  - b) The state determines that the land may be released for landfill purposes and the facility developer acquires the property in fee title from the state in accordance with state requirements for such acquisition.
- (xi) Facilities may only be located on property zoned as agricultural, industrial, or commercial at the time the facility developer applies to the county for a determination of consistency under the Plan. Facilities may be located on unzoned property, but may not be located on property zoned residential.
- (xii) The owner and operator of a facility shall sign a statement agreeing to cooperate with the county on all current and future recycling and composting activities.
- (xiii) A facility shall be located on a paved, all weather "Class A" road. If a facility is not on such a road, the developer shall sign a statement agreeing to provide for upgrading and/or maintenance of the road serving the facility.
- (6) If the facility developer does not agree with the consistency decision by the BOC or if no consistency determination has been rendered within 45 working days, the developer may request the DEQ to determine consistency of the proposal with the Plan as part of DEQ review of a construction permit application.
- (7) If the proposal is found to be inconsistent with the Plan, the facility developer may provide additional information to address the identified deficiencies. The facility developer has 30 days to submit the additional information to the designated planning agency. The designated planning agency may only determine consistency and make its' recommendation to the BOC on such a resubmittal in regards to the criteria originally found deficient.
- (8) After the additional information provided by the developer to address identified deficiencies has been submitted to the designated planning agency, the agency has 30 days to make a recommendation to the BOC. Upon receiving the designated planning agency's recommendation, the BOC must determine whether the corrected proposal is consistent with the Plan. If the facility

developer does not agree with the consistency decision by the BOC or if no consistency determination has been rendered within 45 working days, the developer may request the DEQ to determine consistency of the proposal with the Plan as part of DEQ review of a construction permit application

(9) The final determination of consistency with the Plan shall be made by the DEQ upon submittal by the developer of an application for a construction permit. The DEQ shall review the determination made by the BOC to ensure that the criteria and review procedures have been properly adhered to by the County.

## 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, state, and federal agencies responsible for solid waste management including planning, implementation, and enforcement.

The BOC shall be responsible for the implementation and enforcement of the Plan Update. The BOC may designate an agency or committee to provide oversight to ensure initiation of the public education program, the operation of recycling and composting programs, the review of the administrative completeness of siting applications and the consistency of solid waste siting proposals, but the ultimate decision making rests with the BOC.

The BOC may take such actions as needed to provide funding for the implementation and enforcement of the plan including, but not limited to, applying for federal, state, and foundation grants, or using other funding sources that may be available, such as the levy of fees, surcharges or a special millage. The BOC is also responsible for any legislative actions that may be necessary to accomplish the goals of the Plan that do not conflict with federal or state statutes.

The Northeast Michigan Council of Governments (NEMCOG) will provide assistance for solid waste planning for the BOC, as funds are available. NEMCOG will assist with grant writing upon request, will continue to promote regional coordination with recycling and other resource recovery efforts, and will continue to keep the BOC updated on regional and statewide solid waste issues.

<sup>1</sup> Components or sub-components may be added to this table.

## **IDENTIFICATION OF RESPONSIBLE PARTIES**

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

## **Resource Conservation:**

Source or Waste Reduction – Voluntary by the waste generator.

Product Reuse - Voluntary by the waste generator.

Reduced Material Volume - Voluntary by the waste generator.

Increased Product Lifetime - Voluntary by the waste generator.

Decreased Consumption - Voluntary by the waste generator.

## **Resource Recovery Programs:**

Composting - Voluntary by the waste generator.

Recycling – Voluntary, the County arranges for a private waste hauler to transport the recycled materials to an MRF in Emmet County.

**Energy Production - None** 

<u>Volume Reduction Techniques</u>: Performed by the waste hauler and by the landfill operator during and as part of the collection, transportation, and disposal of solid waste.

<u>Collection Processes</u>: Private waste haulers (listed on page II-16) through agreements with residents, businesses, industries, and governmental bodies.

<u>Transportation</u>: The BOC provides funds for the transportation of recycled materials through a private waste hauler. The removal of solid waste from the township transfer stations is done by Waste Management, Inc., by an arrangement with the townships. The removal of solid waste from the city of Rogers City transfer station is performed by Waste Management, Inc., through an arrangement with the city of Rogers City.

# <u>Disposal Areas</u>:

Processing Plants - None in Presque Isle County

Incineration - None

Transfer Stations – Rogers City transfer station; City of Rogers City.

Krakow Township transfer station; Krakow Township

Ocqueoc Township transfer station; Ocqueoc Township

Waste Management Transfer Station-City of Cheboygan

Sanitary Landfills – Elk Run Landfill; Republic Services of Michigan V. LLC.

Montmorency-Oscoda-Alpena Joint Sanitary Landfill;

Montmorency-Oscoda-Alpena Solid Waste Management
Authority

City Environment Services of Waters Landfill; Waste
Management, Inc.

<u>Ultimate Disposal Area Uses</u>: The responsibility for determining the ultimate use that a closed disposal area will be put to rests with the above landfill owners and operators.

<u>Local Responsibility for Plan Update Monitoring & Enforcement</u>: Presque Isle County Board of Commissioners.

<u>Educational and Informational Programs</u>: Presque Isle County Board of Commissioners.

Documentation of acceptance of responsibilities is contained in Appendix D.

# LOCAL ORDINANCES AND REGULATIONS AFFECTING SOLID WASTE DISPOSAL

		n update's relationship to local ordinances and regulations within the County is d 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.
	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:
		Requirement/restriction:
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:

Ε.		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.
	Addit	ional listings are on attached pages.

Selected System

# **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.
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 DEQ. The County's process for determination of annual capacity and submission of the County's capacity certification is as follows:

The estimated total solid waste needing disposal for the County for the next ten year period is 292,025 cubic yards based on the figures presented on page II-3 (five-years at 28,800 yds.³/yr. plus five-years at 29,605 yds.³/yr.) Over that same ten-year period the total airspace available to the County from the three landfills authorized to accept the County's waste is 3,762,000 cubic yards (960,000 yds.³ at the Elk Run Sanitary Landfill, 1,352,000 yds.³ at the City Environmental Services of Waters Landfill and 1,450,000 yds.³ at the Montmorency-Oscoda-Alpena Sanitary Landfill).

# **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.

Information regarding implementation and evaluations of various components of the Selected System have previously been addressed in the body of the Plan.

**Evaluation of Recycling** 

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

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

See Tables III-1 and III-2.

See page III-29, Projected Diversion Rates.

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: Recycling containers have been placed at the three transfer stations located in Presque Isle County; Rogers City, Krakow Township, and Ocqueoc Township transfer stations. Additional recycling boxes have been placed at sites in Millersburg, Hawks, and at the North Allis Township Hall.

Proposed Programs: The County may elect to join a regional recycling group, the Northeast Michigan Recycling Alliance. This proposal is still in its' preliminary stages and any additions or changes to the equipment outlined above has not been determined.

# Site Availability & Selection

Existing Programs: Recycling containers have been placed at the three transfer stations located in Presque Isle County; Rogers City, Krakow Township, and Ocqueoc Township transfer stations. Additional recycling boxes have been placed at sites in Millersburg, Hawks, and at the North Allis Township Hall. Recycled materials are transported to the Emmet County MRF for sale.

Proposed Programs: Additional programs or changes to the existing program are yet to be determined.

# **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:** The existing program is voluntary, uncoordinated, and unsupervised. Therefore, the operating parameters are not available.

Program Name:	pH Range	Heat Range	Other Parameter	Measurement Unit
<u> </u>		<del></del>		
Proposed Programs:				
Program Name	pH Range	Heat Range	Other Parameter	Measurement Unit
				· .

#### **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.

The BOC will coordinate the implementation, operation, and enforcement of the solid waste management Plan with federal, state and local municipalities, agencies, organizations, and commissions. This will be done by the BOC through its' staff, through appointed committees or through the various departments of County government at its' disposal.

# **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.

System Component <sup>1</sup>	Estimated Costs	Potential Funding Sources	
Resource Conservation Efforts	None	None	
Resource Recovery Programs	\$35,000/yr.	County General Fund	
Volume Reduction Techniques	None	None	
Collection Processes	Determined by market forces	Fees	
<u>Transportation</u>	Determined by market forces	Fees	
Disposal Areas	Determined by market forces	Fees	
Future Disposal Area Uses	Determined by market forces	Fees	
Management Arrangements	Determined by market forces	Fees	
Educational & Informational Programs	Unknown	Unknown	

<sup>&</sup>lt;sup>1</sup> These components and their sub-components 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:

A review of the elements of this alternative as outlined in this Plan indicates that Alternative I has been chosen as the selected system because it best meets the solid waste disposal needs of Presque Isle County for the next five year period. The rural nature of the County and the relatively small, scattered population make a comprehensive waste management program, including elements of resource conservation, resource recovery, composting and source separation of hazardous materials, difficult to implement. However, it is in the County's interest to continue to work toward Michigan's Solid Waste Policy general goal of reducing the state's reliance on landfills as the primary means of solid waste disposal by reducing it's own dependence on sanitary landfills. Presque Isle County can increase recycling, composting, the collection of household hazardous waste and institute resource conservation through education of its' residence and the efforts of concerned citizens such as the Resource Recovery Committee.

As the County chose not to prepare this Plan, determination and evaluation of local needs, resources, and program alternatives were the responsibility of the DEQ. Few local program opportunities were identified to the DEQ for inclusion in this Plan. Given that the DEQ cannot mandate, establish, or finance local programs, the available scope of waste management alternatives available for the DEQ to include and evaluate as part of this Plan is limited.

### 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. Technically Feasible
- 2. Economically Feasible
- 3. Adequate Transportation Network
- 4. Sufficient Disposal Capacity
- 5. Minimum Environmental Impact
- 6. High Public Acceptability
- 7. A Working Recycling Program

### **DISADVANTAGES:**

- 1. Reliance on Voluntary Recycling and Composting Programs
- 2. No Resource Recovery Program
- 3. No Household Hazardous Waste Collection
- 4. No Energy Conservation or Generation
- 5. Uncertainty About the Future Operation of the Elk Run Landfill
- 6. Passive Pollution Prevention Procedures

# **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:**

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

### **RESOURCE CONSERVATION EFFORTS:**

The County does not intend to institute any resource conservation programs.

### **VOLUME REDUCTION TECHNIQUES:**

The only volume reduction done to the waste stream would occur during collection by the waste hauling trucks and by mobile compactors at the landfills.

#### **RESOURCE RECOVERY PROGRAMS:**

Presque Isle requires recycling and composting. Recycling containers would be provided at each of the three transfer stations located in the County, at the North Allis Township Hall and in the communities of Millersburg and Hawks. The types of materials that would be recycled and markets are identified in Appendix A, page A-2 and on page III-30 of the Plan.

# **COLLECTION PROCESSES:**

The County would require the collection of solid waste, recycled materials and yard waste and would regulate the trucking of these items by private waste collection and hauling companies through the waste management department.

#### TRANSPORTATION:

The County has enough primary paved and secondary paved and unpaved roads to facilitate the collection and hauling of solid waste to the local transfer stations and the County landfill. County Class A roads and state highways permit transportation of the solid waste accumulated in the transfer stations Presque Isle to authorized out-of-county landfills. This situation will not change for the next 5 and 10-year periods. (See the Presque Isle County road map in the attachments section).

### **DISPOSAL AREAS:**

Type II Landfill:

Elk Run Sanitary Landfill City Environmental Services, Inc. of Waters Montmorency-Oscoda-Alpena Sanitary Landfill

Type A Transfer Facility:
Rogers City Transfer Station

Type B Transfer Facility:
Krakow Township Transfer Station
Ocqueoc Township Transfer Station

### **INSTITUTIONAL ARRANGEMENTS:**

Presque Isle County would require that all County residents and businesses participate in solid waste collection services, recycling, composting and household hazardous waste collection programs. Private waste haulers would collect and transport the solid waste to landfills and the recycled materials to a regional MRF under the regulations and rules enforced by the designated County waste management agency.

# **EDUCATIONAL AND INFORMATIONAL PROGRAMS:**

The County waste management agency would create and implement educational and informational programs that would inform every resident, organization, and business in the County of the format of the mandated solid waste system, its' goals, and the advantages to the environment. This may take the form of radio advertisements, newspaper articles, brochures, visits to schools, seminars, and outdoor advertising.

### **CAPITAL, OPERATIONAL, AND MAINTENANCE COSTS:**

The costs of a mandated solid waste management system including establishing a County agency to oversee the regulation of waster haulers, the enforcement of solid waste collection, the supervision of mandatory recycling and composting programs, the collection of fees, the operation of educational programs, and the implementation of household hazardous waste collection is difficult to estimate. However, capital, operational, and maintenance costs may exceed \$250,000 per year.

#### **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.

Alternative II was not chosen as the selected solid waste management system because it is not clear if it is economically feasible for Presque Isle County to fund the cost of establishing and supporting a County agency to implement, operate, and enforce a solid waste plan which mandated solid waste collection, recycling, composting, and regular household hazardous waste collection. The mechanism for funding such a system, particularly through fees or a millage, would be difficult to justify to the County residents. Therefore, public support is hard to gauge.

Additionally, the DEQ cannot mandate establishment of local programs and, without local identification of programs to include in the Plan, we cannot select this alternative as the Selected Plan.

# 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. Good Environmental Impact
- 2. Technically Feasible
- 3. Adequate Transportation Network
- 4. Household Hazardous Waste Collection
- 5. Sufficient Disposal Capacity
- 6. Mandatory Recycling and Composting Programs

### **DISADVANTAGES:**

- 1. High Cost May Not Be Economically Feasible
- 2. Lack of Public Support
- 3. No Resource Recovery Program
- 4. No Energy Conservation or Generation
- 5. Uncertainty About the Operation of the Elk Run Landfill
- 6. The DEQ Cannot Mandate Local Programs

# **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.

# The Michigan Department of Environmental Quality (MDEQ)

# ANNOUNCES A PUBLIC MEETING on the PRESQUE ISLE COUNTY SOLID WASTE MANAGEMENT PLAN UPDATE

Wednesday October 11, 2000 – 7:00 p.m.
Presque Isle County Court House
Commissioners Meeting Room
151 E. Huron Avenue
Rogers City, Michigan 49799

The public meeting is held to receive verbal and written comments from the local municipalities and the general public as part of a 30-day comment period beginning September 21, 2000 and ending October 20, 2000. Copies of the Plan may be reviewed at the Presque Isle County Court House, Rogers City, City Hall, Onaway City Hall, and the Waste Management Division offices of the MDEQ, 608 W. Allegan Street, Lansing, Michigan. Visitors will be asked to register and are urged to submit comments in writing as well. Written comments may be submitted to the MDEQ until October 6, 2000 and should be sent to:

Mr. Stan Idziak
Solid Waste Management Unit
Waste Management Division
Michigan Department of Environmental Quality
P.O. Box 30241
Lansing, Michigan 48909



JOHN ENGLER, Governor

# DEPARTMENT OF ENVIRONMENTAL QUALITY

"Better Service for a Better Environment"
HOLLISTER BUILDING, PO BOX 30473, LANSING MI 48909-7973

WASTE MANAGEMENT DIVISION

REPLY TO:

PO BOX 30241 LANSING MI 48909-7741

INTERNET: www.deq.state.mi.us
RUSSELL J. HARDING, Director

September 7, 2000

Mr. Gary Nowak, Chairman Presque Isle Board of Commissioners 151 E. Huron Avenue Rogers City, Michigan 49799

Dear Mr. Nowak:

In accordance with Part 115, Solid Waste Management, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, and the Part 115 Administrative Rules Sections 11533(6) of Part 115 the Department of Environmental Quality (DEQ) has prepared a draft of the Presque Isle County Solid Waste Management Plan Update (Plan).

An integral part of the Plan is the Identification of Responsible Parties section on pages III-38 and III-39. This lists the entities within the County that will have management and enforcement responsibilities of the Plan. The draft Plan lists the Presque Isle Board of Commissioners as the body that has local responsibility for Plan monitoring and enforcement and for directing educational and informational programs. In order to finalize the Plan, we need to confirm that the Presque Isle Board of Commissioners will accept these responsibilities. Please provide the DEQ with a letter accepting the responsibilities by October 6, 2000.

A copy of this Plan is enclosed. The DEQ will provide additional copies of the Plan for the public review at the following locations during a 30-day comment period beginning September 21, 2000 and ending October 20, 2000:

Department of Environment Quality Waste Management Division 608 W. Allegan Street Lansing, Michigan 48909 Onaway City Hall 20631 State Street Onaway, Michigan 49765

Presque Isle County County Building 151 E. Huron Avenue Rogers City, Michigan 49779 Rogers City City Hall 193 E. Michigan Avenue Rogers City, Michigan 49779

A public meeting will be held at the Presque Isle County Court House, Commissioners Meeting Room, on Wednesday October 11, 2000, at 7:00 p.m., to receive comments from interested parties including county officials, representatives of local municipalities, and the general public.



JOHN ENGLER, Governor

REPLY TO:

WASTE MANAGEMENT DIVISION PO BOX 30241

LANSING MI 48909-7741

# DEPARTMENT OF ENVIRONMENTAL QUALITY "Better Service for a Better Environment"

"Better Service for a Better Environment"
HOLLISTER BUILDING, PO BOX 30473, LANSING MI 48909-7973

INTERNET: www.deq.state.mi.us
RUSSELL J. HARDING, Director

September 7, 2000

Ms. Susan Rhode, County Clerk Presque Isle County Court House 151 E. Huron Avenue Rogers City, Michigan 49799

Dear Ms. Rhode:

In accordance with Part 115, Solid Waste Management, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, and the Part 115 Administrative Rules, the Department of Environmental Quality (DEQ) has drafted the Presque Isle County Solid Waste Management Plan Update (Plan).

As per our conversation on September 5, 2000, a notice will be published in local newspapers which lists the Presque Isle County Court House as a repository for the Plan in order to make it available for public review during the 30-day comment period beginning September 21, 2000 and ending October 20, 2000. Therefore, a copy of the Plan is enclosed. If people have questions on the draft Plan or desire copies, please have them contact me

A public meeting will be held at the Presque Isle County Court House, Commissioners Meeting Room, on Wednesday October 11, 2000, at 7:00 p.m., to receive comments from interested parties including county officials, representatives of local municipalities, and the general public.

Please post the enclosed notice of this meeting in a public area in the Presque Isle County Court House.

If you have any questions, please contact me at the telephone number listed below, or by e-mail, at idziaks@state.mi.us. Thank you for your assistance.

Sincerely,

Stan Idziak

Solid Waste Management Unit Waste Management Division

Han Jolsink

517-373-4740

Enclosure

cc: Ms. Joan Peck, DEQ

Mr. Phil Roycraft, DEQ - Cadillac

Mr. Seth Phillips, DEQ Presque Isle County File



# JOHN ENGLER, Governor

REPLY TO:

WASTE MANAGEMENT DIVISION PO BOX 30241 LANSING MI 48909-7741

# 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
RUSSELL J. HARDING, Director

September 7, 2000

Ms. Debra Boucher, City Clerk Onaway City Hall 20631 State Street Rogers City, Michigan 49799

Dear Ms. Boucher:

In accordance with Part 115, Solid Waste Management, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, and the Part 115 Administrative Rules, the Department of Environmental Quality (DEQ) has drafted the Presque Isle County Solid Waste Management Plan Update (Plan)

As per our conversation on September 5, 2000, a notice will be published in local newspapers which lists the Onaway City Hall as a repository for the Plan in order to make it available for public review during the 30-day comment period beginning September 21, 2000 and ending October 20, 2000. Therefore, a copy of the Plan is enclosed. If people have questions on the draft Plan or desire copies, please have them contact me.

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Please post the enclosed notice of this meeting in a public area in the Onaway City Hall.

If you have any questions, please contact me at the telephone number listed below, or by e-mail, at idziaks@state.mi.us. Thank you for your assistance.

Sincerely,

Stan Idziak

Solid Waste Management Unit Waste Management Division

517-373-4740

Enclosure

cc: Ms. Joan Peck, DEQ

Mr. Phil Roycraft, DEQ - Cadillac

Mr. Seth Phillips, DEQ Presque Isle County File



# JOHN ENGLER, Governor

REPLY TO:

PO BOX 30241 LANSING MI 48909-7741

#### DEPARTMENT OF ENVIRONMENTAL QUALITY WASTE MANAGEMENT DIVISION "Better Service for a Better Environment"

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

INTERNET: www.deq.state.mi.us RUSSELL J. HARDING, Director

September 7, 2000

Ms. Theresa Heinzel, City Clerk Rogers City, City Hall 193 E. Michigan Avenue Rogers City, Michigan 49799

Dear Ms. Heinzel:

In accordance with Part 115, Solid Waste Management, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, and the Part 115 Administrative Rules, the Department of Environmental Quality (DEQ) has drafted the Presque Isle County Solid Waste Management Plan Update (Plan).

As per our conversation on September 5, 2000, a notice will be published in local newspapers which lists the Rogers City City Hall as a repository for the Plan in order to make it available for public review during the 30-day comment period beginning September 21, 2000 and ending October 20, 2000. Therefore, a copy of the Plan is enclosed. If people have questions on the draft Plan or desire copies, please have them contact me.

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Please post the enclosed notice of this meeting in a public area in the Rogers City, City Hall.

If you have any questions, please contact me at the telephone number listed below, or by e-mail, at idziaks@state.mi.us. Thank you for your assistance.

Sincerely,

Stan Idziak

Solid Waste Management Unit Waste Management Division

517-373-4740

Enclosure

cc: Ms. Joan Peck, DEQ Mr. Phil Roycraft, DEQ - Cadillac

-Mr. Seth Phillips, DEQ Presque Isle County File



# JOHN ENGLER, Governor DEPARTMENT OF ENVIRONMENTAL QUALITY

REPLY TO:

WASTE MANAGEMENT DIVISION PO BOX 30241 LANSING MI 48909-7741

"Better Service for a Better Environment"
HOLLISTER BUILDING, PO BOX 30473, LANSING MI 48909-7973

INTERNET: www.deq.state.mi.us
RUSSELL J. HARDING, Director

September 12, 2000

Ms. Melody Beswick, Village Clerk Village of Millersburg 5292 Main Street Millersburg, Michigan 49759

Dear Ms. Melody Beswick:

The purpose of this letter is to announce the upcoming public meeting on the Presque Isle County Solid Waste Management Plan Update (Plan). This meeting is part of the 30-day comment period, which begins September 21, 2000 and ends October 20, 2000. It will be conducted by the Department of Environmental Quality (DEQ) in accordance with Part 115, Solid Waste Management, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, and the Part 115 Administrative Rules. Section 11533(6) of Part 115 required that the Director of the DEQ prepare the Plan.

The public meeting is scheduled for October 11, 2000, at 7:00 p.m., at the Presque Isle County Court House, Commissioners Meeting Room, 151 E Huron Avenue, Rogers City, Michigan 49779. Representatives from all the municipal units of government are asked to attend. In addition, an announcement of this meeting will be placed in the Onaway Outlook, the Presque Isle Advance, and the Alpena News inviting all concerned parties.

Copies of the Plan are available for review at the following locations:

Department of Environment Quality Waste Management Division 608 W. Allegan Street Lansing, Michigan 48909 Onaway City Hall 20631 State Street Onaway, Michigan 49765

Presque Isle County County Building 151 E. Huron Avenue Rogers City, Michigan 49779 Rogers City
City Hall
193 E. Michigan Avenue
Rogers City, Michigan 49779



# JOHN ENGLER, Governor

REPLY TO:

DEPARTMENT OF ENVIRONMENTAL QUALITY WASTE MANAGEMENT DIVISION PO BOX 30241 LANSING MI 48909-7741

# "Better Service for a Better Environment"

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

INTERNET: www.deq.state.mi.us RUSSELL J. HARDING, Director

September 12, 2000

Ms. Janice Chalupniczak, Village Clerk Posen VIIIage P.O. Box 135 Posen, Michigan 49776

Dear Ms. Chalupniczak:

The purpose of this letter is to announce the upcoming public meeting on the Presque Isle County Solid Waste Management Plan Update (Plan). This meeting is part of the 30-day comment period, which begins September 21, 2000 and ends October 20, 2000. It will be conducted by the Department of Environmental Quality (DEQ) in accordance with Part 115, Solid Waste Management, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, and the Part 115 Administrative Rules. Section 11533(6) of Part 115 required that the Director of the DEQ prepare the Plan.

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Onaway City Hall 20631 State Street Onaway, Michigan 49765

Presque Isle County County Building 151 E. Huron Avenue Rogers City, Michigan 49779 Rogers City City Hall 193 E. Michigan Avenue Rogers City, Michigan 49779



# JOHN ENGLER, Governor

REPLY TO:

PO BOX 30241 LANSING MI 48909-7741

### DEPARTMENT OF ENVIRONMENTAL QUALITY WASTE MANAGEMENT DIVISION "Better Service for a Better Environment"

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

INTERNET: www.deg.state.mi.us RUSSELL J. HARDING, Director

September 12, 2000

Mr. Terry Wregglesworth Allis Township Supervisor 18019 W. 638 Hwy. Onaway, Michigan 49765

Dear Mr. Wregglesworth:

The purpose of this letter is to announce the upcoming public meeting on the Presque Isle County Solid Waste Management Plan Update (Plan). This meeting is part of the 30-day comment period, which begins September 21, 2000 and ends October 20, 2000. It will be conducted by the Department of Environmental Quality (DEQ) in accordance with Part 115, Solid Waste Management, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, and the Part 115 Administrative Rules. Section 11533(6) of Part 115 required that the Director of the DEQ prepare the Plan.

The public meeting is scheduled for October 11, 2000, at 7:00 p.m., at the Presque Isle County Court House, Commissioners Meeting Room, 151 E Huron Avenue, Rogers City, Michigan 49779. Representatives from all the municipal units of government are asked to attend. In addition, an announcement of this meeting will be placed in the Onaway Outlook, the Presque Isle Advance, and the Alpena News inviting all concerned parties.

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Onaway City Hall 20631 State Street Onaway, Michigan 49765

Presque Isle County County Building 151 E. Huron Avenue Rogers City, Michigan 49779

Rogers City City Hall 193 E. Michigan Avenue Rogers City, Michigan 49779



# JOHN ENGLER, Governor

REPLY TO:

WASTE MANAGEMENT DIVISION PO BOX 30241 LANSING MI 48909-7741

# 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
RUSSELL J. HARDING, Director

September 12, 2000

Mr. Richard Mowers Bearinger Township Supervisor 10296 Ocqueoc Lake Road Millersburg, Michigan 49759

Dear Mr. Mowers:

The purpose of this letter is to announce the upcoming public meeting on the Presque Isle County Solid Waste Management Plan Update (Plan). This meeting is part of the 30-day comment period, which begins September 21, 2000 and ends October 20, 2000. It will be conducted by the Department of Environmental Quality (DEQ) in accordance with Part 115, Solid Waste Management, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, and the Part 115 Administrative Rules. Section 11533(6) of Part 115 required that the Director of the DEQ prepare the Plan.

The public meeting is scheduled for October 11, 2000, at 7:00 p.m., at the Presque Isle County Court House, Commissioners Meeting Room, 151 E Huron Avenue, Rogers City, Michigan 49779. Representatives from all the municipal units of government are asked to attend. In addition, an announcement of this meeting will be placed in the Onaway Outlook, the Presque Isle Advance, and the Alpena News inviting all concerned parties.

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City Hall
193 E. Michigan Avenue
Rogers City, Michigan 49779



# JOHN ENGLER, Governor DEPARTMENT OF ENVIRONMENTAL QUALITY

REPLY TO:

WASTE MANAGEMENT DIVISION PO BOX 30241 LANSING MI 48909-7741

"Better Service for a Better Environment"
HOLLISTER BUILDING, PO BOX 30473, LANSING MI 48909-7973

INTERNET: www.deq.state.mi.us
RUSSELL J. HARDING, Director

September 12, 2000

Mr. Roger Fleming Belknap Township Supervisor 7132 S. Rogers Rd. Hawks, Michigan 49743

Dear Mr. Fleming:

The purpose of this letter is to announce the upcoming public meeting on the Presque Isle County Solid Waste Management Plan Update (Plan). This meeting is part of the 30-day comment period, which begins September 21, 2000 and ends October 20, 2000. It will be conducted by the Department of Environmental Quality (DEQ) in accordance with Part 115, Solid Waste Management, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, and the Part 115 Administrative Rules. Section 11533(6) of Part 115 required that the Director of the DEQ prepare the Plan.

The public meeting is scheduled for October 11, 2000, at 7:00 p.m., at the Presque Isle County Court House, Commissioners Meeting Room, 151 E Huron Avenue, Rogers City, Michigan 49779. Representatives from all the municipal units of government are asked to attend. In addition, an announcement of this meeting will be placed in the Onaway Outlook, the Presque Isle Advance, and the Alpena News inviting all concerned parties.

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Department of Environment Quality Waste Management Division 608 W. Allegan Street Lansing, Michigan 48909 Onaway City Hall 20631 State Street Onaway, Michigan 49765

Presque Isle County County Building 151 E. Huron Avenue Rogers City, Michigan 49779 Rogers City
City Hall
193 E. Michigan Avenue
Rogers City, Michigan 49779



#### JOHN ENGLER, Governor DEPARTMENT OF ENVIRONMENTAL QUALITY WASTE MANAGEMENT DIVISION

REPLY TO:

PO BOX 30241 LANSING MI 48909-7741

"Better Service for a Better Environment" HOLLISTER BUILDING, PO BOX 30473, LANSING MI 48909-7973

> INTERNET: www.deg.state.mi.us RUSSELL J. HARDING, Director

> > September 12, 2000

Mr. John F. Kleiber Bismarck Township Supervisor 5386 W. Metz Hwy. Hawks, Michigan 49743

Dear Mr. Kleiber:

The purpose of this letter is to announce the upcoming public meeting on the Presque Isle County Solid Waste Management Plan Update (Plan). This meeting is part of the 30-day comment period, which begins September 21, 2000 and ends October 20, 2000. It will be conducted by the Department of Environmental Quality (DEQ) in accordance with Part 115, Solid Waste Management, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, and the Part 115 Administrative Rules. Section 11533(6) of Part 115 required that the Director of the DEQ prepare the Plan.

The public meeting is scheduled for October 11, 2000, at 7:00 p.m., at the Presque Isle County Court House, Commissioners Meeting Room, 151 E Huron Avenue, Rogers City, Michigan 49779. Representatives from all the municipal units of government are asked to attend. In addition, an announcement of this meeting will be placed in the Onaway Outlook, the Presque Isle Advance, and the Alpena News inviting all concerned parties.

Copies of the Plan are available for review at the following locations:

Department of Environment Quality Waste Management Division 608 W. Allegan Street Lansing, Michigan 48909

Onaway City Hall 20631 State Street Onaway, Michigan 49765

Presque Isle County County Building 151 E. Huron Avenue Rogers City, Michigan 49779 Rogers City City Hall 193 E. Michigan Avenue Rogers City, Michigan 49779



# JOHN ENGLER, Governor

REPLY TO:

PO BOX 30241 LANSING MI 48909-7741

# DEPARTMENT OF ENVIRONMENTAL QUALITY WASTE MANAGEMENT DIVISION

"Better Service for a Better Environment" HOLLISTER BUILDING, PO BOX 30473, LANSING MI 48909-7973

> INTERNET: www.deq.state.mi.us RUSSELL J. HARDING, Director

> > September 12, 2000

Mr. Clifford Tollini Case Township Supervisor 13582 6 Mile Road Millersburg, Michigan 49759

Dear Mr. Tollini:

The purpose of this letter is to announce the upcoming public meeting on the Presque Isle County Solid Waste Management Plan Update (Plan). This meeting is part of the 30-day comment period, which begins September 21, 2000 and ends October 20, 2000. It will be conducted by the Department of Environmental Quality (DEQ) in accordance with Part 115, Solid Waste Management, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, and the Part 115 Administrative Rules. Section 11533(6) of Part 115 required that the Director of the DEQ prepare the Plan.

The public meeting is scheduled for October 11, 2000, at 7:00 p.m., at the Presque Isle County Court House, Commissioners Meeting Room, 1.51 E Huron Avenue, Rogers City, Michigan 49779. Representatives from all the municipal units of government are asked to attend. In addition, an announcement of this meeting will be placed in the Onaway Outlook, the Presque Isle Advance, and the Alpena News inviting all concerned parties.

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Onaway City Hall 20631 State Street Onaway, Michigan 49765

Presque Isle County County Building 151 E. Huron Avenue Rogers City, Michigan 49779 Rogers City City Hall 193 E. Michigan Avenue Rogers City, Michigan 49779



# JOHN ENGLER, Governor

REPLY TO:

WASTE MANAGEMENT DIVISION PO BOX 30241 LANSING MI 48909-7741

# DEPARTMENT OF ENVIRONMENTAL QUALITY

"Better Service for a Better Environment" HOLLISTER BUILDING, PO BOX 30473, LANSING MI 48909-7973

RUSSELL J. HARDING, Director

September 12, 2000

Mr. David J. Wiza Krakow Township Supervisor 12805 Green Road Posen, Michigan 49776

Dear Mr. Wiza:

The purpose of this letter is to announce the upcoming public meeting on the Presque Isle County Solid Waste Management Plan Update (Plan). This meeting is part of the 30-day comment period, which begins September 21, 2000 and ends October 20, 2000. It will be conducted by the Department of Environmental Quality (DEQ) in accordance with Part 115, Solid Waste Management, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, and the Part 115 Administrative Rules. Section 11533(6) of Part 115 required that the Director of the DEQ prepare the Plan.

The public meeting is scheduled for October 11, 2000, at 7:00 p.m., at the Presque Isle County Court House, Commissioners Meeting Room, 151 E Huron Avenue, Rogers City, Michigan 49779. Representatives from all the municipal units of government are asked to attend. In addition, an announcement of this meeting will be placed in the Onaway Outlook, the Presque Isle Advance, and the Alpena News inviting all concerned parties.

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Department of Environment Quality Waste Management Division 608 W. Allegan Street Lansing, Michigan 48909 Onaway City Hall 20631 State Street Onaway, Michigan 49765

Presque Isle County
County Building
151 E. Huron Avenue
Rogers City, Michigan 49779

Rogers City
City Hall
193 E. Michigan Avenue
Rogers City, Michigan 49779



# JOHN ENGLER, Governor

REPLY TO:

PO BOX 30241 LANSING MI 48909-7741

### DEPARTMENT OF ENVIRONMENTAL QUALITY WASTE MANAGEMENT DIVISION "Better Service for a Better Environment"

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

INTERNET: www.deq.state.mi.us RUSSELL J. HARDING, Director

September 12, 2000

Mr. Cornelius Haske Metz Township Supervisor 1851 W. Metz Hwy. Hawks, Michigan 49743

Dear Mr. Haske:

The purpose of this letter is to announce the upcoming public meeting on the Presque Isle County Solid Waste Management Plan Update (Plan). This meeting is part of the 30-day comment period, which begins September 21, 2000 and ends October 20, 2000. It will be conducted by the Department of Environmental Quality (DEQ) in accordance with Part 115, Solid Waste Management, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, and the Part 115 Administrative Rules. Section 11533(6) of Part 115 required that the Director of the DEQ prepare the Plan.

The public meeting is scheduled for October 11, 2000, at 7:00 p.m., at the Presque Isle County Court House, Commissioners Meeting Room, 151 E Huron Avenue, Rogers City, Michigan 49779. Representatives from all the municipal units of government are asked to attend. In addition, an announcement of this meeting will be placed in the Onaway Outlook, the Presque Isle Advance, and the Alpena News inviting all concerned parties.

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# JOHN ENGLER, Governor

REPLY TO:

WASTE MANAGEMENT DIVISION PO BOX 30241 LANSING MI 48909-7741

### 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
RUSSELL J. HARDING, Director

September 12, 2000

Mr. Leo E. Parsons Moltke Township Supervisor 5855 Church Hwy. Rogers City, Michigan 49779

Dear Mr. Parsons:

The purpose of this letter is to announce the upcoming public meeting on the Presque Isle County Solid Waste Management Plan Update (Plan). This meeting is part of the 30-day comment period, which begins September 21, 2000 and ends October 20, 2000. It will be conducted by the Department of Environmental Quality (DEQ) in accordance with Part 115, Solid Waste Management, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, and the Part 115 Administrative Rules. Section 11533(6) of Part 115 required that the Director of the DEQ prepare the Plan.

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Presque Isle County
County Building
151 E. Huron Avenue
Rogers City, Michigan 49779

Rogers City City Hall 193 E. Michigan Avenue Rogers City, Michigan 49779



JOHN ENGLER, Governor

REPLY TO:

# DEPARTMENT OF ENVIRONMENTAL QUALITY

"Better Service for a Better Environment"
HOLLISTER BUILDING, PO BOX 30473, LANSING MI 48909-7973

WASTE MANAGEMENT DIVISION PO BOX 30241 LANSING MI 48909-7741

INTERNET: <u>www.deq.state.mi.us</u>

RUSSELL J. HARDING, Director

September 12, 2000

Mr. David Webster North Allis Township Supervisor 20340 N. Allis Hwy. Onaway, Michigan 49765

Dear Mr. Webster:

The purpose of this letter is to announce the upcoming public meeting on the Presque Isle County Solid Waste Management Plan Update (Plan). This meeting is part of the 30-day comment period, which begins September 21, 2000 and ends October 20, 2000. It will be conducted by the Department of Environmental Quality (DEQ) in accordance with Part 115, Solid Waste Management, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, and the Part 115 Administrative Rules. Section 11533(6) of Part 115 required that the Director of the DEQ prepare the Plan.

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# JOHN ENGLER, Governor DEPARTMENT OF ENVIRONMENTAL QUALITY

REPLY TO:

WASTE MANAGEMENT DIVISION PO BOX 30241 LANSING MI 48909-7741

"Better Service for a Better Environment"
HOLLISTER BUILDING, PO BOX 30473, LANSING MI 48909-7973

INTERNET: www.deq.state.mi.us
RUSSELL J. HARDING, Director

September 12, 2000

Mr. Larry Foster Ocqueoc Township Supervisor 14610 Pomeranke Hwy. Millersburg, Michigan 49759

Dear Mr. Foster:

The purpose of this letter is to announce the upcoming public meeting on the Presque Isle County Solid Waste Management Plan Update (Plan). This meeting is part of the 30-day comment period, which begins September 21, 2000 and ends October 20, 2000. It will be conducted by the Department of Environmental Quality (DEQ) in accordance with Part 115, Solid Waste Management, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, and the Part 115 Administrative Rules. Section 11533(6) of Part 115 required that the Director of the DEQ prepare the Plan.

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Rogers City City Hall 193 E. Michigan Avenue Rogers City, Michigan 49779



# JOHN ENGLER, Governor

REPLY TO:

PO BOX 30241

WASTE MANAGEMENT DIVISION

# 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
RUSSELL J. HARDING, Director

September 12, 2000

Mr. James Zakshesky Posen Township Supervisor P.O. Box 212 Posen, Michigan 49776

Dear Mr. Zahshesky:

The purpose of this letter is to announce the upcoming public meeting on the Presque Isle County Solid Waste Management Plan Update (Plan). This meeting is part of the 30-day comment period, which begins September 21, 2000 and ends October 20, 2000. It will be conducted by the Department of Environmental Quality (DEQ) in accordance with Part 115, Solid Waste Management, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, and the Part 115 Administrative Rules. Section 11533(6) of Part 115 required that the Director of the DEQ prepare the Plan.

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County Building
151 E. Huron Avenue
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Rogers City City Hall 193 E. Michigan Avenue Rogers City, Michigan 49779



JOHN ENGLER, Governor

REPLY TO:

WASTE MANAGEMENT DIVISION PO BOX 30241 LANSING MI 48909-7741

#### 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
RUSSELL J. HARDING, Director

September 12, 2000

Mr. Peter Pettalia Presque Isle Township Supervisor 12653 E. Grand Lake Road Presque Isle, Michigan 49777

Dear Mr. Pettalia:

The purpose of this letter is to announce the upcoming public meeting on the Presque Isle County Solid Waste Management Plan Update (Plan). This meeting is part of the 30-day comment period, which begins September 21, 2000 and ends October 20, 2000. It will be conducted by the Department of Environmental Quality (DEQ) in accordance with Part 115, Solid Waste Management, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, and the Part 115 Administrative Rules. Section 11533(6) of Part 115 required that the Director of the DEQ prepare the Plan.

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Copies of the Plan are available for review at the following locations:

Department of Environment Quality Waste Management Division 608 W. Allegan Street Lansing, Michigan 48909 Onaway City Hall 20631 State Street Onaway, Michigan 49765

Presque Isle County County Building 151 E. Huron Avenue Rogers City, Michigan 49779 Rogers City
City Hall
193 E. Michigan Avenue
Rogers City, Michigan 49779

We request that a spokesperson be selected to represent your municipality and to deliver comments on the proposed Plan. Once we have received comments from the municipalities, then the DEQ will open the meeting to receive comments from the general public. Visitors will be asked to register and are urged to submit comments in writing. Written comments may be submitted to the DEQ until October 6, 2000, and should be sent to the address above.



### JOHN ENGLER, Governor

REPLY TO:

PO BOX 30241 LANSING MI 48909-7741

DEPARTMENT OF ENVIRONMENTAL QUALITY WASTE MANAGEMENT DIVISION "Better Service for a Better Environment" HOLLISTER BUILDING, PO BOX 30473, LANSING MI 48909-7973

> INTERNET: www.deq.state.mi.us RUSSELL J. HARDING, Director

> > September 12, 2000

Ms. Martha Roznowski Pulawski Township Supervisor 5023 E. County Highway 638 Hawks, Michigan 49743

Dear Ms. Roznowski:

The purpose of this letter is to announce the upcoming public meeting on the Presque Isle County Solid Waste Management Plan Update (Plan). This meeting is part of the 30-day comment period, which begins September 21, 2000 and ends October 20, 2000. It will be conducted by the Department of Environmental Quality (DEQ) in accordance with Part 115, Solid Waste Management, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, and the Part 115 Administrative Rules. Section 11533(6) of Part 115 required that the Director of the DEQ prepare the Plan.

The public meeting is scheduled for October 11, 2000, at 7:00 p.m., at the Presque Isle County Court House, Commissioners Meeting Room, 151 E Huron Avenue, Rogers City, Michigan 49779. Representatives from all the municipal units of government are asked to attend. In addition, an announcement of this meeting will be placed in the Onaway Outlook, the Presque Isle Advance, and the Alpena News inviting all concerned parties.

Copies of the Plan are available for review at the following locations:

Department of Environment Quality Waste Management Division 608 W. Allegan Street Lansing, Michigan 48909

Onaway City Hall 20631 State Street Onaway, Michigan 49765

Presque Isle County County Building 151 E. Huron Avenue Rogers City, Michigan 49779 Rogers City City Hall 193 E. Michigan Avenue Rogers City, Michigan 49779

We request that a spokesperson be selected to represent your municipality and to deliver comments on the proposed Plan. Once we have received comments from the municipalities, then the DEQ will open the meeting to receive comments from the general public. Visitors will be asked to register and are urged to submit comments in writing. Written comments may be submitted to the DEQ until October 6, 2000, and should be sent to the address above.



#### JOHN ENGLER, Governor

REPLY TO:

WASTE MANAGEMENT DIVISION PO BOX 30241 LANSING MI 48909-7741

# DEPARTMENT OF ENVIRONMENTAL QUALITY

"Better Service for a Better Environment" HOLLISTER BUILDING, PO BOX 30473, LANSING MI 48909-7973

INTERNET: <u>www.deq.state.mi.us</u>
RUSSELL J. HARDING, Director

September 12, 2000

Mr. Ralph Kortman Rogers Township Supervisor 1218 E. Heythaler Highway Rogers City, Michigan 49779

Dear Mr. Kortman:

The purpose of this letter is to announce the upcoming public meeting on the Presque Isle County Solid Waste Management Plan Update (Plan). This meeting is part of the 30-day comment period, which begins September 21, 2000 and ends October 20, 2000. It will be conducted by the Department of Environmental Quality (DEQ) in accordance with Part 115, Solid Waste Management, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, and the Part 115 Administrative Rules. Section 11533(6) of Part 115 required that the Director of the DEQ prepare the Plan.

The public meeting is scheduled for October 11, 2000, at 7:00 p.m., at the Presque Isle County Court House, Commissioners Meeting Room, 151 E Huron Avenue, Rogers City, Michigan 49779. Representatives from all the municipal units of government are asked to attend. In addition, an announcement of this meeting will be placed in the Onaway Outlook, the Presque Isle Advance, and the Alpena News inviting all concerned parties.

Copies of the Plan are available for review at the following locations:

Department of Environment Quality Waste Management Division 608 W. Allegan Street Lansing, Michigan 48909 Onaway City Hall 20631 State Street Onaway, Michigan 49765

Presque Isle County
County Building
151 E. Huron Avenue
Rogers City, Michigan 49779

Rogers City
City Hall
193 E. Michigan Avenue
Rogers City, Michigan 49779

We request that a spokesperson be selected to represent your municipality and to deliver comments on the proposed Plan. Once we have received comments from the municipalities, then the DEQ will open the meeting to receive comments from the general public. Visitors will be asked to register and are urged to submit comments in writing. Written comments may be submitted to the DEQ until October 6, 2000, and should be sent to the address above.



## JOHN ENGLER, Governor

REPLY TO:

DEPARTMENT OF ENVIRONMENTAL QUALITY WASTE MANAGEMENT DIVISION PO BOX 30241 LANSING MI 48909-7741

"Better Service for a Better Environment" HOLLISTER BUILDING, PO BOX 30473, LANSING MI 48909-7973

> INTERNET: www.deq.state.mi.us RUSSELL J. HARDING, Director

> > September 11, 2000

Presque Isle Advance Onaway Outlook Attn: Ms. Adele Woskobinik P.O. Box 50 Rogers City, Michigan 49799

Dear Ms. Woskobinik:

Please place the following public notice in your newspapers regarding the upcoming public meeting concerning the Presque Isle County Solid Waste Management Plan. Please schedule this notice to appear Thursday, October 5, 2000, in the Presque Isle Advance and Friday, October 6, 2000, in the Onaway Outlook.

> The Michigan Department of Environmental Quality (MDEQ) ANNOUNCES A PUBLIC MEETING

on the

PRESQUE ISLE COUNTY SOLID WASTE MANAGEMENT PLAN UPDATE Wednesday October 11, 2000 - 7:00 p.m. Presque Isle County Court House, Commissioners Meeting Room, 151 E. Huron Avenue, Rogers City, Michigan 49799

The public meeting is held to receive verbal and written comments from the local municipalities and the general public as part of a 30-day comment period beginning September 21, 2000 and ending October 20, 2000. Copies of the Plan may be reviewed at the Presque Isle County Court House, Rogers City, City Hall, Onaway City Hall, and the Waste Management Division offices of the MDEQ, 608 W. Allegan Street in Lansing, Michigan. Visitors will be asked to register and are urged to submit comments in writing as well. Written comments may be submitted to the MDEQ until October 6, 2000 and should be sent to:

> Mr. Stan Idziak Solid Waste Management Unit **Waste Management Division** Michigan Department of Environmental Quality P.O. Box 30241 Lansing, Michigan 48909



#### JOHN ENGLER, Governor

REPLY TO:

PO BOX 30241 LANSING MI 48909-7741

#### DEPARTMENT OF ENVIRONMENTAL QUALITY WASTE MANAGEMENT DIVISION

"Better Service for a Better Environment" HOLLISTER BUILDING, PO BOX 30473 LANSING MI 48909-7973

> INTERNET: www.deq.state.mi.us RUSSELL J. HARDING, Director

> > September 11, 2000

Ms. Kathy Burton Alpena News P.O. Box 367 Alpena, Michigan 49707

Dear Ms. Burton:

Please place the following public notice in the Legal section of your newspaper regarding the upcoming public meeting concerning the Presque Isle County Solid Waste Management Plan. Please schedule this notice to appear in your paper September 29, 30, and October 2, 2000.

> The Michigan Department of Environmental Quality (MDEQ) ANNOUNCES A PUBLIC MEETING

on the

PRESQUE ISLE COUNTY SOLID WASTE MANAGEMENT PLAN UPDATE Wednesday October 11, 2000 - 7:00 p.m. Presque Isle County Court House, Commissioners Meeting Room, 151 E. Huron Avenue, Rogers City, Michigan 49799

The public meeting is held to receive verbal and written comments from the local municipalities and the general public as part of a 30-day comment period beginning September 21, 2000 and ending October 20, 2000. Copies of the Plan may be reviewed at the Presque Isle County Court House, Rogers City, City Hall, Onaway City Hall, and the Waste Management Division offices of the MDEQ, 608 W. Allegan Street, Lansing. Michigan. Visitors will be asked to register and are urged to submit comments in writing as well. Written comments may be submitted to the MDEQ until October 6, 2000 and should be sent to:

> Mr. Stan Idziak Solid Waste Management Unit **Waste Management Division** Michigan Department of Environmental Quality P.O. Box 30241 Lansing, Michigan 48909



JOHN ENGLER, Governor

REPLY TO:

WASTE MANAGEMENT DIVISION

LANSING MI 48909-7741

#### DEPARTMENT OF ENVIRONMENTAL QUALITY

"Better Service for a Better Environment"
HOLLISTER BUILDING, PO BOX 30473 LANSING MI 48909-7973

INTERNET: <u>www.deg.state.mi.us</u>
RUSSELL J. HARDING, Director

September 13, 2000

Ms. Debra Boucher, City Clerk Onaway City Hall 20631 State Street Onaway, Michigan 49765

Dear Ms. Boucher:

In accordance with Part 115, Solid Waste Management, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, and the Part 115 Administrative Rules, the Department of Environmental Quality (DEQ) has drafted the Presque Isle County Solid Waste Management Plan Update (Plan).

As per our conversation on September 5, 2000, a notice will be published in local newspapers which lists the Onaway City Hall as a repository for the Plan in order to make it available for public review during the 30-day comment period beginning September 21, 2000 and ending October 20, 2000. Therefore, a copy of the Plan is enclosed. If people have questions on the draft Plan or desire copies, please have them contact me.

A public meeting will be held at the Presque Isle County Court House, Commissioners Meeting Room, on Wednesday October 11, 2000, at 7:00 p.m., to receive comments from interested parties including county officials, representatives of local municipalities, and the general public.

Please post the enclosed notice of this meeting in a public area in the Onaway City Hall.

If you have any questions, please contact me at the telephone number listed below, or by e-mail, at <a href="mailto:idziaks@state.mi.us">idziaks@state.mi.us</a>. Thank you for your assistance.

Sincerely,

Stan Idziak

Solid Waste Management Unit Waste Management Division

Kan Johnak

517-373-4740

Enclosure

cc: Ms. Joan Peck, DEQ

Mr. Phil Roycraft, DEQ - Cadillac

Mr. Seth Phillips, DEQ Presque Isle County File

# Presque Isté Board-Of Commissioners

CHAIRMAN Gary A. Nowak

VICE-CHAIRMAN
Carl L. Altman

COMMISSIONERS
Wayne Vermilya, District 1
Carl L. Altman, District 2
Gary L. Wozniak, District 3
Donald G. Field, District 4
Gary A. Nowak, District 5
Michael A. Darga, District 6
Allan H. Bruder, District 7
Robert Schell, District 8

151 East Huron • P.O. Box 110

ROGERS CÍTY, MICHIGAN 49779

PHONE: (517) 734-3288

(517) 734-7019.

FAX: (517) 734-7635

COUNTY CLERK and CLERK OF THE BOARD OF COMMISSIONERS Susan M. Rhode

CHIEF DEPUTY Shirley Levely

DEPUTY CLERKS
Karen Counterman
Kristy L. Hardies
Christina L. Delekta

October 3, 2000

Department of Environmental Quality Waste Management Division P.O. Box 30241 Lansing, MI 48909-7741

Dear Mr. Idziak,

The Presque Isle County Board of Commissioners met last evening to discuss the proposed updated Presque Isle County Solid Waste Management Plan. They have many questions and concerns that need to be answered before this plan is finalized.

We would request that the Michigan Department of Environmental Quality be prepared to answer these questions and concerns at the public hearing which is to be held on October 11, 2000. Commissioner Gary Wozniak has been appointed by this Board to represent them at this public hearing and bring your answers back to this Board for review.

Following is a list of questions expressed by the Presque Isle County Board of Commissioners:

- 1. Why doesn't the proposed update contain the requirement that waste flow between counties within the State of Michigan be authorized by both the exporting and the importing county?
- 2. Import/Export is not addressed in the plan. We used to have 10 counties named in our plan that could export solid waste into Presque Isle County. We now have 16 counties named. Why the additional counties?
- 3. A surcharge is not addressed in the plan which would help defray recycling costs. Why is this wording not included?
- 4. The updated Presque Isle County Solid Waste Management Plan is not required to contain siting criteria for new solid waste disposal areas. Why is this not addressed in the plan?

- 5. Why does the updated plan prohibit 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?
- 6. Why does the updated plan not recognize the existence of reciprocal agreements?
- 7. Where is the assurance that a program of recycling, composting and household hazardous waste collection will be promoted by counties that wish to import waste to Presque Isle County?

We look forward to meeting with you at the public hearing on October 11.

Respectfully,

Gary A. Nowak, Chairman

Presque Isle County Board of Commissioners

cc: Members of the Board of Commissioners



## JOHN ENGLER, Governor

REPLY TO:

DEPARTMENT OF ENVIRONMENTAL QUALITY WASTE MANAGEMENT DIVISION PO BOX 30241 LANSING MI 48909-7741

"Better Service for a Better Environment" HOLLISTER BUILDING, PO BOX 30473, LANSING MI 48909-7973

> INTERNET: www.deq.state.mi.us RUSSELL J. HARDING, Director

> > October 17, 2000

Mr. Gary Nowak, Chairman Presque Isle Board of Commissioners 151 E. Huron Avenue Rogers City, Michigan 49799

Dear Mr. Nowak:

Thank you for your letter of October 3, 2000 on behalf of the Presque Isle Board of Commissioners containing questions concerning the draft of the Presque Isle County Solid Waste Management Plan Update (Plan). You requested that the Department of Environmental Quality (DEQ) reply to these concerns in writing reiterating the answers provided at the public comment meeting held October 11, 2000 at the Presque Isle County Courthouse. The questions will be answered in the order in which they appeared in your letter.

1. Why doesn't the proposed update contain the requirement that waste flow between counties within the State of Michigan be authorized by both the exporting and the importing county?

Section 11538(6) of Part 115, Solid Waste Management, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA) states: "In order for a disposal area to serve the disposal needs of another county, state, of country, the service, including the disposal of municipal solid waste incinerator ash, must be explicitly authorized in the approved solid waste management plan of the receiving county. With regard to intercounty service within Michigan, the service must also be explicitly authorized in the exporting county's solid waste management plan." In is not necessary for the Plan to contain this provision as it is plainly identified in NREPA.

2. Import/Export is not addressed in the plan. We used to have 10 counties named in our plan that could export solid waste into Presque Isle County. We now have 16 counties named. Why the additional counties?

Tables 1-A and 2-A in the Plan identify the counties that the Plan authorizes for solid waste imports and exports. The DEQ believes Plans should use a regional approach to solid waste management, where possible. Therefore, most of the counties named in the Plan are located in Northern Lower Michigan or the Eastern Upper Peninsula. Other counties requested to be included in the Plan or had included Presque Isle County (County) in their plan and so were included in the Plan. In addition, this would give the County other options to satisfy its solid waste disposal needs in the event landfills in Montmorency or Crawford counties would no longer accept its solid waste and will help create competition in the Northern Michigan area. We also sought to provide a reasonable service area for the Elk Run Landfill.

3. A surcharge is not addressed in the plan which would help defray recycling costs. Why is this wording not included?

We do not believe that the DEQ has the authority to mandate or levy surcharges. However, in light of the October 16, 1998, Michigan Court of Appeals decision in the County of Saginaw versus John Sexton and People's Garbage Disposal cases, even the absence of a specific authority in the Plan does not prevent the County from enacting a surcharge to support a county recycling program so long as that surcharge satisfies the legal requirements outlined in that decision.

4. The updated Presque Isle Solid Waste Management Plan is not required to contain siting criteria for new solid waste disposal areas. Why is this not addressed in the Plan?

The DEQ felt that the Plan should contain a siting process. Although the County currently has capacity to satisfy its disposal needs for the next ten years, unforeseen circumstances may arise where the County would be unable to demonstrate 66 months of capacity. The County would then have a mechanism in place to site a solid waste disposal area. Section 11537a of NREPA states: "If any county is able to demonstrate to the department that it has at least 66 months of available capacity, that county may refuse to utilize its siting mechanism until the county is no longer able to demonstrate 66 months of capacity or until the county amends its plan in accordance with this part to provide for the annual certification process described in Section 11538." Hence, the County will not be required to review a proposal under this siting process so long as it can demonstrate 66 months of legally available disposal capacity.

5. Why does the updated plan prohibit 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 ordinances, statutes, rules, and regulations may include provisions that can have siting impacts not included in the Plan's siting criteria, can provide for discretionary local decisions which will impermissibly impact siting decisions which by law are controlled by the objective siting provisions specified in the Plan or may otherwise interfere with or conflict with the DEQ's regulatory responsibilities. As mentioned at the meeting, if there are specific, definable areas of local regulation the County or others want to have DEQ include in the Plan, their items should be identified to us during this comment period so we can consider them.

6. Why does the updated plan not recognize the existence of reciprocal agreements?

While the DEQ allows counties to include reciprocal agreements in plans they prepare, it does not encourage the use of reciprocal agreements between counties as these agreements are often executed without DEQ's knowledge, may contain import or export conditions of which the DEQ is unaware and they tend to hinder our ability to know which intercounty waste flows are allowed or not allowed at any point in time. The import/export authorization section of the Presque Isle County Plan effectively controls the intercounty movement of solid waste for the County. Therefore, the Presque Isle Plan does not contain any reference to reciprocal agreements.

7. Where is the assurance that a program of recycling, composting, and household hazardous waste collection will be promoted by counties that wish to import waste to Presque Isle County?

An assurance that a program of recycling, composting, and household hazardous collection would be promoted by counties that wish to import waste into Presque Isle County was not included in the Plan.

If you have any questions, please contact me at the telephone number listed below, or by e-mail, at idziaks@state.mi.us.

Sincerely,

Stan Idziak

Solid Waste Management Unit Waste Management Division

517-373-4740

cc: Ms. Joan Peck, DEQ Mr. Phillip Roycraft, DEQ - Cadillac

Mr. Seth Phillips, DEQ Presque Isle County File



JOHN ENGLER, Governor

REPLY TO:

#### DEPARTMENT OF ENVIRONMENTAL QUALITY

"Better Service for a Better Environment"
HOLLISTER BUILDING, PO BOX 30473, LANSING MI 48909-7973

WASTE MANAGEMENT DIVISION PO BOX 30241 LANSING MI 48909-7741

INTERNET: www.deq.state.mi.us
RUSSELL J. HARDING, Director

October 25, 2000

Mr. Ken Paquet, Site Manager Waste Management, Inc. 6037 Mullett Woods Shore Drive Cheboygan, Michigan 49799

Dear Mr. Paquet:

At the public meeting for receiving comments on the Presque Isle Solid Waste Management Plan Update (Plan) which took place on Wednesday October 11, 2000, at 7:00 p.m. in the Commissioners Meeting Room, Presque Isle County Court House, 151 E. Huron Avenue, Rogers City, Michigan, you inquired as to the import and export status of the counties relative to Presque Isle County listed in Table 1-A, Current Import Volume Authorization of Solid Waste and Table 2-A, Current Export Volume Authorization of Solid Waste. The following table indicates which of these counties accepts the import of solid waste from Presque Isle County and authorizes the export of solid waste to Presque Isle County

County	Approved Current Plan	Approved Current Plan	Unapproved Draft Update	Unapproved Draft Update
	Authorizes Exports to PI	Authorizes Imports from PI	Authorizes Exports to PI	Authorizes Imports from PI
Alcona*	NO	NO		
Antrim	NO	NO	NO	NO
Alpena*	NO	YES		
Bay	NO	NO	NO	NO
Benzie	NO	NO	YES	NO
Charlevoix	YES	YES	YES	YES
Cheboygan*	YES	YES		
Chippewa**	YES	YES		
Crawford**	NO	YES		
Emmet*	YES	YES		
Grand Traverse*	YES	NO		
losco**	NO	NO		
Kalkaska*	YES	YES		
Leelanau*	NO	NO		
Luce**	YES	YES		
Montmorency*	NO	YES		
Mackinac**	YES	YES		
Oscoda*	NO	NO		
Otsego	Contingency Only	NO	NO	NO ·
Schoolcraft	NO	NO	YES	NO

<sup>\*</sup> Approved 1997 updates \*\* Draft of 1997 update not submitted as of 10/25/00

# **Fax Cover Page**

To:

Stan Idziak

From:

Wavne Vermilya

Company: DEO

Title:

Title:

+1 (517) 3734797

Address:

Company: home

Fax #: Date:

Fax #:

517-733-2462

Voice #:

517-733-2462

Subject:

Pages including cover page: 12

10/15/100

#### Notes:

Mr. Idziak:

Please include the following as comment on the Presque Isle County Plan Update. The current Charlevoix County Plan was approved by DNR on 5-17-93. The current Presque Isle County Plan was issued by DNR in July 1991. The SAFE amendment was approved by the municipalities in Presque Isle County in 1992. The DNR director disapproved the SAFE amendment on 2-17-93. Three months to the day later DNR approved the Charlevoix Co plan. Presque Isle County at the time had under permit over 3 million cu. yds. of capacity sited and under construction permit. Charlevoix County had less capacity than Presque Isle and yet their plan with a 2000 foot wetland setback and a 1500 foot residential setback was approved while the Presque Isle amendment that called for a 1000 foot wetland setback and a 1320 foot residential setback was denied.

# Current Charl. Co. Plan

#### Resources.

7000 7000

The signed agreements between the Charlevoix County Board of Commissioners and the \_\_\_\_\_ County Board of Commissioners shall include at a minimum the following conditions:

- County make provisions in the County Solid Waste Management Plan, to accept all solid Waste generated in Charlevoix County, for disposal at facilities in County, or Facilities in other counties, should the need arise for Charlevoix county to do so.
- County make provisions in its Solid Waste
  Management Plan to provide a mechanism to site both a
  Type II and Type III Landfill (private or public owned
  and operated) within the boundaries of \_\_\_\_\_\_ County,
  that are open to the general public of both \_\_\_\_\_\_
  County and Charlevoix County and private refuse
  collection companies serving the general public of both
  \_\_\_\_\_\_\_ and Charlevoix Counties for the purpose of
  accepting solid waste generated in the two Counties.
- 3) The rates charged at any facilities subsequently opened in \_\_\_\_\_ County be the same for private individuals \_\_\_\_\_ constraint collection companies in Charlevoix County as they are or will be (for the facilities yet to be developed) in \_\_\_\_\_ County.

Plan, and that this language, or language having the same
Plan, and that this agreement will be approved by the
County Board of Commissioners and the Charlevoix County Board of
Commissioners, prior to January 1, 1990, in order for
County to be included in the Charlevoix County Solid Waste Plan;
furthermore, reciprocal agreements shall be established with

Light the Laberalid for a period of five years that shall
Commence with the shipment of intercounty waste.

In addition to the counties listed above, the Charlevoix County Board of Commissioners are authorized to sign reciprocal agreements with counties that have licensed solid waste disposal sites and/or incinerators for the purposes of providing a backup facility for Charlevoix County.

Two additional Type III Landfills may be developed in the County with one of these to be located on Beaver Island and the other to be located within a 6 mile radius of Advance.

The following criteria must be adhered to by any individual, governmental or private entity that would desire to construct a Type II Landfill in Charlevoix County.

Soils - Landfills shall not be constructed in any area which is classified a wetland or floodplain as defined

under 1979 Public Act 203 (as amended), 1929 Public Act 245 (as amended), by the Michigan Department of Natural Resources or by any division of the United States Government.

Distance from Surface Water - A minimum of 2000 feet isolation distance from lakes and/or permanent flowing bodies of water and 500 feet from any water impoundment and/or intermittent flowing bodies of water as depicted on the Michigan Resource Inventory System (MIRIS) maps for Charlevoix County dated 8-25-89. These requirements do not apply to drains and sedimentation ponds.

Distance from Groundwater - If it appears from readily available information that a proposed landfill will be able to meet Act 641's requirements for groundwater isolation in effect when a determination of Plan consistency is made, the proposal is consistent with this siting criterion. If readily available information indicates that the project is unlikely to meet legal requirements for groundwater isolation, the proposal is inconsistent with this siting criterion. Favorable technical data obtained subsequent to a finding of Inconsistency may be a basis for requesting redetermination from the County. Technical data for projects found consistent will be evaluated by the State as part of Act 641 construction permit review.

Distance from Residential Development - A minimum distance of 1,500 feet shall be maintained from the boundary of the active fill area of any permitted landfill to any dwelling which exists prior to the 1st formal action to develop a new landfill. A landfill may be exempted from this requirement provided the owner of the proposed facility either purchases or obtained waivers of this requirement from the owners of all dwellings within 1500 feet of the active fill area.

Distance from adjoining property lines - A minimum distance of 150 feet shall be maintained from the boundary of any active fill area.

Proximity to Service Area - If multiple sites are proposed or considered by developers, central location to the service area is desirable, but would only come into use to rate sites that are otherwise consistent with these criteria.

Distance from Airports - A minimum of 10,000 feet of horizontal isolation from any runway at an airport licensed by the Aeronautics Division of the Michigan Department of Transportation.

#### SANITARY LANDFILL

A properly operated landfill is the least costly means of disposing of waste with the least impact upon the public health of all the proven methods of disposing of waste that are available today. While some risks to the public health do exist from the operations of landfills, so too, do they exist for other waste disposal methods as well. The key term is that of <u>disposing of waste</u>. The less waste that is generated the less will be the need for The ability to site additional amounts of landfill space. landfills is a continuing problem that will get worse as time goes on, especially in those instances whereby wastes generated in one area are disposed of in other areas. Given the current amounts of waste generated in Charlevoix County, it may be necessary to accept waste generated in other counties to maintain sufficient revenues for a landfill to be operated in an environmentally safe manner. The life span of the Charlevoix County Landfill Inc. is estimated to be six to seven years given the current volume of 800 to 1000 cubic yards of waste that are presently being disposed of at the facility. The waste is presently coming into this facility from Charlevoix, Emmet, Antrim, Kalkaska, Grand Traverse, Leelanau, Otsego, Crawford, and Manistee Counties. The waste is coming into the Charlevoix County Landfill Inc. from other counties as well. the case of many counties listed above, the waste is a specific type that either can not be disposed of at, or is not allowed into the landfills in those counties by those parties owning or operating the landfills

Approximately 30% of the waste disposed of in the Charlevoix County Landfill Inc. comes from Emmet County with another 30% originating in Charlevoix County. The remaining 30 to 40% comes in from other locations. With a reduction of the volume of waste entering this landfill from 800 to 1000 yards a day to a range of 533 to 666 and the life span of this landfill should increase to in the vicinity of 8 to 10 years. If the decision is to retain the current service area as currently is using the landfill, or to reduce it to a lesser service, (next five years) disposal needs of the county will be met. However, the decision as to whether to restrict the service area and by how much will determine to a large extent how quickly we must move to make provisions for the waste disposal needs of the county for the long term planning period (five to twenty year).

Based upon the decisions of the Charlevoix County Solid Waste Management Planning Committee, the service area of the Charlevoix County Landfill Inc. will be the two Counties of Charlevoix and Emmet. At such time as the landfill reaches capacity, Charlevoix County will transport the waste generated in this county to the Emmet County Transfer Station or some other type of facility for the transfer or disposal of the waste for the five to twenty five

Not

year time period. At the conclusion of that twenty five year time period, Charlevoix County will then serve as the host for the solid waste facility for the next twenty year time period, with Emmet County then serving as the host for the next twenty year time period. This decision will be evaluated after Emmet County has hosted or other wise provided for the disposal of the Charlevoix County garbage for a twenty year time period, or as is other wise felt to be in the best interest of both Charlevoix and Emmet Counties.

#### COLLECTION

The costs to an individual who hauls his own waste will vary tremendously depending upon the distance to the site, amounts of waste, and fees charged at the landfill. Waste that is collected by a private collection company or municipal crew can use two locations for collecting residential waste, with each location having different costs. Curbside collection of waste is the quickest and least expensive. A curbside collection method requires that each waste generator takes his waste to the side of the road on days when the collection vehicle is on that route. The second method, known as backyard, or door to door collection, offers a greater level of convenience to the waste generator, but its costs the hauler more, which is passed on to the generator, but owner of a solid waste collection company. Costs are approximately greater for backyard or door to door collection service. A study undertaken in the early 80's by Public Technology Inc., indicates costs for backyard service in urban areas are 25.1 to 38.44 higher than for curbside service.)

#### TRANSPORTATION

the public health nor upon the environment. These facilities are generally very easy to locate, have the effect, if properly sized and placed, to reduce the amount of energy consumed by vehicles transporting waste to processing or disposal sites.

The costs of a green box transfer station range from \$15,000 to \$30,000, with land being the major cost. Once the land has been acquired and improvements made, boxes (costing approximately \$1,000) each are located at the site. The land, fencing, labor, and the hauler's costs will vary from area to area, but this satup is generally less costly than other types of facilities for communities generating small quantities of waste.

The second type of transfer station contains a compactor and a large volume container for receiving the wastes. Small compactor transfer stations that only accept individual wastes that is

# From Current PIL Plan

- B. A landfill will only be considered for a parcel that has at least 80 acres.
- C. A landfill shall not be developed within the 100-year floodplain of waters in Presque Isle County. The 100-year floodplain is defined in P.A. 245 of 1929 as amended by P.A. 167 of 1968. For purposes of evaluation, floodplain areas shall be defined by maps prepared and available through the Michigan Department of Natural Resources, Land and Water Management Division.
- D. A minimum of 300 feet, measured horizontally will be maintained as isolation buffer from wetlands, lakes of five acres or more in size, and navigable rivers or streams to the landfill area. For these purposes, wetland areas shall be defined by the Goemaere-Anderson Wetland Protection Act, P.A. 203 of 1979.
- runway used by curbins powered aircraft at a via certification airport.

F. A landfill shall not be developed within 5,000 feet from a runway that is used by piston powered aircraft at an FAA certified airport.

#### Population Density:

perimeter of the active life area proposed of tendentialing and if that encompassed area contains more than 25 dwelling units, the area would not be eligible for landfill development.

A STATE OF STATE OF STATES AND A TOP OF THE PROPERTY.

#### Site Development:

Sufficient land should be available to meet environmental regulatory requirements and to amortize equipment, buildings, and other capital expenditures over a reasonable design life. This provides reasonable tipping fees. In review of the appropriateness of a landfill proposal, the County shall use the following isolation distances for the active fill area from adjacent land uses or property lines that are present at the time of application.

# SAFE Amendment

#### Page B-6

(Last paragraph)

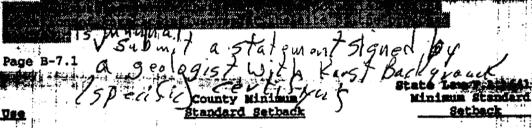
#### Location:

A landfill will only be developed in forest and recreational, agricultural or industrial zoning districts unless a County Planning Commission analysis of County and 1 : Local Zoning Ordinances demonstrates excessive acreage in other districts having undeveloped parcels.

#### Page B-7

- A landfill will be considered for a parcel only if such parcel contains no less than 80 acres of Land usable for a entido seste dispensi.
- A minimum of the ree, measured horizontally, will be maintained as an isolation buffer from wetlands, lakes of five acres or more in size, and navigable rivers or streams to the landfill area. For these purposes, wetland areas shall be defined by the Goemaere-Anderson Wetland Protection Act, P.A. 203 of 1979.

(Add Subparagraph G)



2002

(C.

A. Road right-of-way Commercial Bldg. Industrial Land Use Agricultural Structures and Cultivated Fields # Wacant Lot on Existing Platted Areas

Existing Domiciles

D, & E: No changes)

Page B-8

300'



LAMPY DEVLIYST
PAUL ESSELS
JAMES P. HILL
DAVID HOLLI
OL STEWART MYERS

JORDAN & TATTER

TURAL RESOURCES COMMISSION

JOH? iGLER, Governor

#### **DEPARTMENT OF NATURAL RESOURCES**

Stevens T. Mason Building, P.O. Box 30028, Lansing, Mi 45929
ROLAND HARMES, Director

February 17, 1993

Mr. Charles A. Rhode, Chairperson Presque Isle County Board of Commissioners 3374 West 638 Highway Rogers City, Michigan 49743

Dear Mr. Rhode:

The Department of Natural Resources (DNR) has completed its review of the locally approved amendment to the Presque Isle County Solid Waste Management Plan Update. Based upon that review, the DNR hereby disapproves the amendment to the Presque Isle County Solid Waste Management Plan Update in accordance with the Solid Waste Management Act, 1978 PA 641, as amended (Act 641), Section 29(1) and Administrative Rule 299.4709(4). The amendment is disapproved for non-compliance with Act 641, Section 13a, Section 30 and Administrative Rule 299.4711. The issues of concern include:

- The amendment attempts to improperly restrict the siting and operation of solid waste disposal facilities in Presque Isle County.
- 2. The amendment identifies primary solid waste disposal capacity in Crawford and Otsego Counties the is not available to Presque Isle County in those Plans.
- The amendment provides municipalities overly broad authority to adopt ordinances that may be unenforceable under Act 641.
- 4. The isolation distances for wetlands and domiciles are too restrictive and do not guarantee the siting of future solid waste disposal facilities as required by Act 641.

Mr. Charles A. Rhode

-2-

February 17, 1993

If you have further questions or concerns regarding this letter, please contact Mr. Seth Phillips, Chief, Solid Waste Management Unit at 517-373-4750.

Sincerely,

Roland Harmes

Director

517-373-2329

cc: Senator John D. Pridnia

Representative Beverly A. Bodem

Ms. Karen Jackson, Attorney for SAFE Mr. Rick Duell, NEMCOG

Mr. Ed Hagan, DNR

Mr. Jim Sygo, DNR

Mr. Lonnie Lee, DNR

Mr. Tom Polasek, DNR Mr. Seth Phillips, DNR

Presque Isle County File

SITING REVIEW PROCEDURES

charlevoix County update plan

Type II Landfills

The siting criteria for the allowed Charlevoix County Board of Commissioners owned and operated Type II Landfill shall be the same as for the Type III Landfills. Proposals by entities other than the Charlevoix County Board of Commissioners to construct, or operate, a Type II Landfill shall be deemed to be inconsistent with this Plan.

#### Type III Landfills

Proposals by public or private entities to construct or expand Type III landfills other than these stated below shall be deemed to be inconsistent with this Plan.

Proposals by Charlevoix County to construct and operate a Type III Landfill open to the public, and, proposals by private companies to construct and operate a Type III Monofill shall meet the following siting criteria. A monofill is defined as a facility that is owned and operated by a company for the disposal of waste generated exclusively by that company.

Proposals for Type III Landfills other than those discussed below shall be deemed to be inconsistent with this Plan.

-Soils - Landfills shall not be constructed in any area which is classified a wetland or floodplain as defined under 1979 Public Act 203 (as amended), 1929 Public Act 245 (as amended), by the Michigan Department of Natural Resources on floodplain maps or by any division of the United States Government.

-Distance from Surface Water - A minimum of 2,000 ft. Isolation distance from lakes and/or permanent flowing bodies of water and 500 feet from any water impoundment and/or intermittent flowing bodies of water as depicted on the Michigan Resource Inventory System (MIRIS) maps for Charlevolx County, dated 8-25-89. These requirements do not apply to drains and sedimentation ponds.

Distance from Ground Water - If it appears from readily available information that a proposed landfill will be able to meet Part 115 of P.A. 451 of 1994's requirements for groundwater isolation in effect when a determination of Plan consistency is made, the proposal is consistent with this siting criterion. If readily available information indicates that the project is unlikely to meet legal requirements for groundwater isolation, the proposal is inconsistent with this siting criterion. Favorable technical data obtained subsequent to a finding of inconsistency may be a basis for requesting a predetermination from the County. Technical data for projects found consistent will be evaluated by the State as part of Act 451 of 1994, construction permit review.

Distance from residential development - A minimum distance of 1,500 feet shall be maintained from the boundary of the active fill area of any permitted landfill to any dwelling which exists prior to the first formal action to develop a new landfill. A landfill may be exempted from this requirement provided the owner of the proposed facility either purchases or obtains waivers of this requirement from the owners of all dwellings within 1500 feet of the active fill area.

Distance from adjoining property boundaries - A minimum distance of 150 feet shall be maintained from the boundary of any active fill area.

Proximity to Service Area - If multiple sites are proposed or considered by developers, central location to the service area is desirable, but would only come into use to rate sites that area otherwise consistent with these criteria.

Distance to all-weather roads - Landfills shall be located adjacent to an all weather road, or be served by a paved, private road which connects directly to an all-weather road. The landfill developer may upgrade existing roads to Class A all-weather road standards or create new roads to Class A all-weather road standards.

Zoning - Landfills must be located in an area appropriately zoned for that use. In those instances in which landfills are not provided for as a use permitted by right, or under a special use permit, said landfill may be located in an area zoned for agricultural uses in that township.

A vegetative planting shall be established and maintained, outside the screen or buffer area, to enable it to blend into the area. The vegetative planting shall consist of a mixture of coniferous trees of differing types which have a minimum height of six foot each at the time of planting, which will obscure the operational area. A naturally vegetated site having tree growth which will obscure the man made buffer may be exempted from the planting requirements, or if the facility is located in an area where adjacent industrial and warehousing obscures the vision of the facility. Exemption decisions shall be rendered by the Charlevoix County Planning Commission.

Type A Transfer Stations

Type B Transfer Stations Requiring a License,
and Solid Waste and Processing Plants

These criteria are designed such that a wide latitude is provided for both the location and number of Transfer Stations and Processing Plants that can be located in Charlevoix County. A Type A Transfer Station is one that is designed to accept wastes from mechanically unloaded vehicles. A Type B Transfer Station is one that is designed to accept waste from manually unloaded vehicles. Transfer stations that require a license have containers larger than 10 cubic yards in size and accept waste generated off site, or containers larger than 65 cubic yards in size that accept only waste generated on the premises. A Solid Waste Processing Plant includes those facilities which process solid waste or solid waste in conjunction with liquids for ultimate disposal as a waste, or for use as a resource. A processing plant does not include those facilities which process source separated materials such as glass, cans, and paper for recycling. Solid Waste Incinerators and facilities processing paper, glass, metals, or other récyclables from a mixture of solid wastes, are also classified as being a Processing Plant.

The above listed facilities shall be located such that they will comply with all of the following requirements:

 Will either comply with, or not be in violation of any of, the following Public Acts, Ordinances, and rules:

Subdivision Control Act
Land Division Act
Condominium Act
Soil Erosion & Storm Water Runoff Control Ordinance
Sanitary Code
All, other applicable State and Federal Laws

County ordinances developed to regulate the collection, transportation, recycling, and disposal of solid wastes including those developed to implement this plan or portions thereof.

Local Zoning Ordinances to the extent they do not preclude the location of these facilities within a local community.

-

# DRAFT CHARLEVOIX COUNTY SOLID WASTE MANAGEMENT PLAN

#### 1997 PLAN UPDATE

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 Plan has been prepared using that format without alteration.

#### ANTICIPATED DATE SUBMITTED TO THE DEQ: June 30, 2000

This Plan includes the entirety of Charlevoix County, including all municipalities located within.

DESIGNATED PLANNING AGENCY PREPARING THIS PLAN UPDATE:

CHARLEVOIX COUNTY PLANNING COMMISSION

CONTACT PERSON: LARRY SULLIVAN, PLANNING DEPARTMENT

ADDRESS: 301 STATE STREET, CHARLEVOIX, MI 49720

PHONE: (231) 547-7234 FAX: (231) 547-7217 E-MAIL: N/A

CENTRAL REPOSITORY LOCATION(S): CHARLEVOIX COUNTY PLANNING DEPARTMENT, AND THE COUNTY CLERK'S OFFICE.

## **PUBLIC INVOLVEMENT PROCESS:**

A description of the process used, including dates of public meetings, copies of public notices, documentation of approval from solid waste planning committee, BOC, and municipalities.

# THE ALPENA NEWS CLASSIFIEDS Phone 354-3111 or 1-800-448-0254 Phone 354-3111 or 1-800-448-0254 P.O. Box



P.O. Box 367, Alpena, &

#### IN MEMORY

IN LOVING MEMORY OF **Tony Greka** November 19, 1963 September 29, 1990

You are not forgotten toved one, nor will you ever be. As long as life and memory lasts we will remember you

> We Love You and Dad, Mom & Family

#### HELPING HANDS

7 BOXES of engine parts, new, \$50. 517-354-3243. BABY DOLL porcelain wooden crib, \$50. 517-471-5254. BOOKCASE HEADBOARD

for twin bed, \$20. 517-354-2464.

DUO. TELEPHONE/FAX machine, works, \$15, 517-356-1329

EVENFLO BABY Excersaucer, \$15, 517-356-1158.

FERTILIZER SPREADER excellent condition, \$10. 517-٦80.

> LE: Dog house, \$30 \_/9-2337.

HIDE-A-BED, SUITABLE for hunting camp, \$25 517-356±9528.

JACKSON FIGURE skates, girl's 12, \$40. 517-356-2385.

KERO-SUN HEATER with fan, \$30. 517-354-3805. LACE CURTAINS, 5 pair

valances, \$40. 517-595-2931. LADY'S WINTER full length

coat, \$20. 517-356-3664. LIKE-NEW, 2-piece luggage set. \$35, 517-356-1252.

LOVE SEAT and chair set, \$50. 617-356-2879.

LOVELY SOFA, good condition, \$50. 517-356-2879. MAPLE LOVE seat, great condition, \$50. 517-471-5338. MEN'S BAUER in-line skates,

11,-1/2, \$50. 517-356-3871. MILK JUG skeleton, \$5. 517-

NEW STAIR stepper exercise machine, \$35. 517-356-2542.

SET OF white curtains, \$20. 517-356-0037. SOFA, EXCELLENT condition,

color gold, \$10. 517-354-3974.

SOMMA QUEEN size waterbed, extras, \$50. 517-354-5189.

STAINLESS STEEL eight place settings, \$20. 517-

TIRES, 15", 3 for \$10. 517-

#### **CARD OF THANKS**

THE FAMILY of Dale Rosenbrock would like to express their thanks and appreciation to everyone for your prayers and visits. The donations and all the many cards and beautiful plants and flowers meant so must to us. A very special thanks to Hospice of Northeast Michigan and Bannan Funeral Home for all your kindness. Also, a special thanks to our families for all their support.

Thank you. Rose (Hoppe) Rosenbrock James, Angie & **Bandal Rosenbrock** Rich, Chris & Holly Hibner

Make The News Come To You With Home Delivery 1-517-354-3111

#### **LEGAL NOTICES**

NOTICE OF MORTGAGE FORECLOSURE SALE

THIS FIRM IS A DERT COLLECTOR ATTEMPTING
TO COLLECT A DEBT.
ANY INFORMATION WE
OBTAIN WILL BE USED

MORTGAGE SALE - Default has been made in the conditions of a mortgage made by Theodore E. Lamarre, a single man (original mortgagors) to Conseco Finance Morros a single mou. Lamarre, a single mour contraggors) to Conseco Finance Servicing Corp., Mortgagee, dated November 19, 1999, and recorded on November 19, 1999, and recorded on Liber 394, on Page November 19, 1999 and recorded on November 24, 1999 in Liber 394, on Page 630, Alpena County Records, Michigan, on which mortgage there is claimed to be due at the date hereof the sum of EIGHTY-NINE THOUSAND ONE HUNDRED EIGHTY-THREE AND 46/100 DOLLARS (\$89,183.46), including interest at 11 990% per annum.

Under the power of sale contained in said mortgage and the statute in such case made and provided, notice is hereby given that said mortgage will be ed by a sale of the mortgaged premises, or some part of them, at public venue, at the Alpena County Courthouse in Alpena, Michigan at 11a.m. on October 20, 2000

Said premises are situated in City of Alpena, Alpena County, Michigan, and re described as:

THE W'LY (OR SW LY) 1/2 OF LOT 3, BLOCK 75 OF SEMANTHA HITCHCOCK'S THIRD ADDITION TO THE CITY OF ALPENA, A SUBDIVISION RECORDED IN LIBER 1 OF PLATS PAGE 12. ALPENA COUNTY RECORDS.

The redemption period shall be 6 month(s) from the date of such sale, unless determined abandoned in accordance with 1948CL 600.3241a, in which case the redemption period shall be 30 days from the date of such sale

DATED: September 8, 2000

FOR INFORMATION 20. 517-350—700-2000 30150 Instants, MI 480251 30150 Instants, MI 4802

#### LEGAL NOTICES

PETER M. SCHNEIDERMAN & ASSOCIATES, P.C. IS ATTEMPTING TO COLLECT A DEBT AND ANY INFORMATION OBTAINED WILL BE USED FOR THAT PURPOSE

MORTGAGE SALE- Default has been made in the conditions of a mortgage made by: Wayne Stevens and Karen Stevens to United States mortgage made by: Wayne Stevens and Karen Stevens to United States of America, acting through the Farmers to America, acting through the Farmers to Management of Manageme

Under the power of sale contained in said mortgage and the statule is such case made and provided, notice is hereby given that said mortgage will be foreclosed by a sale of the mortgaged premises, or some part of them, at public vendue, at the Alpena County Courthouse in Alpena, Michigan at 11a.m. on Friday, November 10, 2000.

iaid premises are situated in Township Sanborn, Alpena County Michigan, nd are described as:

Lot 50 and the north 1/2 of lot 51 of the Ranger's Subdivision, according to the plat thereof recorded in Liber 3 of Plats, Page 25, Alpena County Records.

The redemption period shall be 6 unless determined abandoned in accordance with 1948CL 600.3241a, in which case the redemption period shall be 30 days from the date of such sale

DATED: September 19, 2000

United States of America, acting through the Farmers Home Administration, United States Department of Agriculture,

PETER M. SCHNEIDERMAN & ASSOCIATES, P.C. 30300 Northwestern Highway Suite 222

Farmington Hills, Michigan 48334 (September 29, October 6, 13, 20,

(September 29, October 6, 13, 20, 27)

NOTICE OF SALE

By virtue of a Judgement issued by the Circuit, Count for the Country of Appens, State of Michigan, in an action in favor of George S. Morrow and Alice R. Morrow, husband and wile, against A.J. Born, Inc., a Michigan corporation, which decree was entered on the 25th day of July, 2000. In file number 99-002957 CH (K), I am commanded to offer for sale a certain parcel of land situated in the Township of Ossineke, Country of Alpena, State parcel of land situated in the fownshi of Ossineke, County of Alpena, Stat of Michigan, and more particular described as follows, to-wit:

Lots 53, 54, and 55, LESS the West 50 feet thereof, and Lots 66 and 67 of Nine Pines Retreat, a subdivision recorded in Liber 2 of Plats, Page 57, Alpena County
Records.

double sink, \$50, 517, Tipers 1, 15, 22, 29, October 6) (continued on next column) 517-356-21741

#### **LEGAL NOTICES**

Notice is hereby given that on Octobe 12, 2000, at 10a m. at the lobby of th Courthouse in the City of Alpena County of Alpena, State of Michigar I vill, in obedience to the aforementione sale, to the highest bidder, on above described property, as I am ordered to satisfy Plaintiff's Judgement with interest, costs and expens appears from the file and record in

Prospective bidders are notified that payment of the bid price by cash, certified check, or money order st required immediately following the close of the Sale

DATED: August 16, 2000

Prepared by: JOHN E. FITZGERALD GILLARD, BAUER, MAZRUM, FLORIP, SMIGELSKI & GULDEN 109 E. Chisholm Alpena, MI 49707 517-356-3444 (August 25 September 1 8 15 22) 517-356-3444 (August 25, September 1, 8, 15, 22, 29,

**PUBLIC NOTICES'** 

# PUBLIC NOTICE

The Michigan Department of onmental Quality (MDEQ) ANNOUNCES A PUBLIC

on the PRESQUE ISLE COUNTY SOLID WASTE MANAGEMENT PLAN UPDATE

Wednesday, October 11, 2000

7:00 p.m. Presque Isle County Court House Commissioners Meeting Room, 151 E. Huron Avenue, Rogers

City, Michigan 49779 The public meeting is held to

receive verbal and written comments from the local municipalities and the general public as part of a 30-day comment period beginning September 21, 2000 and ending October 20, 2000. Copies of the Plan may be reviewed at the Presque Isle County Court House Rogers City, City Hall, Onaway City Hall, and the Waste Management Division offices of the MDEQ, 608 W. Allegan Street, ansing, Michigan, Visitors will be asked to register and are urged o submit comments in writing well. Written comments may be submitted to the MDEO until October 6, 2000 and should be

Mr Stan Idziak Solid Waste Management Unit Waste Management Division Michigan Department of -6 Environmental Quality P.O. Box 30241

Lansing, Michigan 48909

#### **PUBLIC NOTICES**

HEARING ON APPORTIONMENT OF BENEFITS AND SPECIAL Sealed bids will be received & ASSESSMENT ROLL

PROJECT: A494.401 -POLLARD'S SUBDIVISION

TO: THE RESIDENTS AND PROPERTY OWNERS SPECIAL ASSESSMENT DISTRICT NO. A494401-00 AND ANY OTHER INTERESTED PERSONS.

PLEASE TAKE NOTICE that the Finance Director of the Albena County Road Commission has presented to the Alpena County Board of Road Commissioners and filed in the office of the Secretary to the Board for public examination a Special Assessment Roll covering all properties within Special Assessment District No. A494401-00 benefited by the above referenced road improvement project. description of the lands or parcels of lands within Special Assessment District No.

lots numbered 1 thru 17 inclusive of the recorded plat of "Pollard's" Section 29, Town 32 North, Range 7 East, Township of Maple Ridge, County of Alpena, Michigan.

Said Assessment Roll has been prepared for the purpose of assessing that portion of the costs of the road improvement project and work incidental thereto which has been apportioned by the Board to benefiting property owners Said project and its costs are more particularly shown on the plans of the project on file at the offices of the Alpena

County Road Commission. PLEASE TAKE FURTHER NOTICE that the Finance Director has further reported that the assessment against each parcel of land within said district is such relative portion of the whole sum levied against all parcels of land in said district as the benefit to such col bears to the total benefit to all parcels of land in the district.

PLEASE TAKE FURTHER NOTICE that the Alpena County Board of Road Commissioners shall conduct a hearing at 3p.m. on the 3rd day of October, 2000, for the purpose of reviewing the contract. A prior tour of the apportionment of benefits and sale units will be conducted the Special Assessments Roll and hearing any objections thereto. Said roll may be examined at the offices of the Alpena County Road Commission located at 1400 North Bagley Street, Alpena, Michigan 49707, during regular business hours (8a.m -4p.m.) of regular business days until the time of such hearing and

said hearing.

#### NOTICE OF **BIDS WANTED**

#### TIMBER SALE NOTICE FOR BIDS

by the Alpena County Road Commission at their offices at 1400 N. Bagley St., Alpena, MI 49707, until 2p.m. on Friday, October 31, 2000 The sale will be for harvesting approximately 83 acres, removing approximately 2,260 cords of timber and approximately 2,730 tons of bio-mass (chips) from certain properties owned by the Commission: at the indicated time and place, the bids will be publicly opened and read. Separate bids will be received for each of the (4) following timber units and approximate quantities:

Rayburn Pit Unit: 1,640 Cords & 1,750 Tons (chips) Aspen. Hardwood Softwoods

Beatty Pit Unit: 250 Cords & 260 Tons (chips) Aspen. Hardwood, Softwoods McFaden/Flanders Unit: 265 Cords & 260 Tons

(chips): Aspen and Hardwood. azina il similari

Yockey Unit: 105 Cords & 460 Tons (chips) Aspen, Hardwood, Softwoods.

Each bid must accompanied by a bid guarantee (\$500 or \$300) in the form of a certified or cashier's check, bank money order, or bidder's bond for each timber unit bid on, payable to the Alpena County Road Commission as: assurance of good faith. This bid guarantee, shall be forfeited in case of failure of the successful bidder to execute the contract and furnish satisfactory bonds. as required, within ten (10) consecutive calendar days after being furnished with the appropriate timber contract forms.

The successful bidder will. be required to furnish proof of Workmen's Compensation Insurance, Bodily Injury and Property Damage Liability insurance, Sustainable Forestry training, and a cash or surety performance bond prior to being awarded a on 10/05/2000 for prospective bidders, exact times of the tours are in the sale unit prospectus. The volumes within each sale unit are not quaranteed and buyers are expected to make their own judgement on species and volumes for bidding

The sale unit prospectus with by contacting Supervisor may be further examined at information and bid forms Kenneth Gauthier at 517-471-

#### NOTICE OF **BIDS WANTED**

#### NOTICE OF SALE

TAKE NOTICE THAT: ness 194

Citizens Bank is selling the following equipment by sealed bid:

One (1): 1990 IHC Dump Truck, Vin Numbe One (1): 1988 Case 580K Backhoe/Loader Serial Number JJG009565 One (1): 1985 Case 450C Crawler/Dozer Serial Number 307595

The equipment may be inspected between the hours of 9a.m.-4p.m., September 25th-29th, 2000 at Jerome's Towing, 5157 US-23 N., Alpena, MI 49707, Phone number 517-356-6708. Contact Jerome's Towing to schedule an appointment for viewing.

All bids are to be sealed and addressed to: Citizens Bank, Attention: Dennis Werner, 200 W. Chisholm, Alpena, MI 49707. All sealed bids are to be received by 2p.m., Monday, October 3rd, 2000 and will be opened at 4p.m., Monday, October 3rd, 2000. Citizens Bank reserves the right to reject any and all bids and to enter a bid for itself. The successful bidder will be required to pay the bid price by certified check or Bank money order within seven (7) days after notification.

#### NOTICE OF BID WANTED NOTICE OF SALE

H.P.C Credit Union is accepting sealed bids on a 1989 Chevy Beretta, 2-door, vehicle number 1G1LW14W9KY172377. ehicle can be seen at 1234 W. Chisholm, Alpena, MI. H.P.C. Credit Union reserves the right to reject all bids. Bid deadline will be Odtober 11. 2000. Vehicle is sold as is, no warranty, for cash. Submit bids to: H.P.C. Credit Union, 1234 W. Chisholm, Alpena, MI 49707, Attn: Manager.

#### NOTICE OF BID WANTED NOTICE OF SALE

H.P.C Credit Union is accepting sealed bids on a 1998 Dodge Durango 4x4, serial number 1B4HS28Y7WF101588. Vehicle can be seen at 1234 W. Chisholm, Alpena, Ml. H.P.C. Credit Union reserves the right to reject all bids. Bid deadline will be October 11. 2000. Vehicle is sold as is, no warranty, for cash. Submit 2000, 5 bids to: H.P.C. Credit Union, Long L 1234 W. Chisholm, Alpena, MI 49707, Attn: Manager.

SANBORN TOWNSHIP is seeking bids for snowplowing and snow removal for the Sanborn Township Hall lot for the 2000-2001 season. Specifications can be obtained may be obtained at the office 2912. All bids should be turned

GAF

241 JUNE

tp.m., Sat Matemity c tu:rattan;sh horses, ch infant car s & many m 3 FAMIL HODGET

Grandpoir end road). 10a m -? furnace, fi

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5-FAMILY Hillman). 29, 2000 540 MINC 3p.m. Fi combinati bag, \$8. l

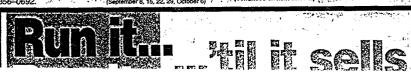
bag (silve each. M \$12. Ston waterbed jars, \$2 airl's clot 7154 WE

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No cloti FRIEND Sale is Long L and ho sold. 51

LOOKI **EVERY** GOES EVERY Shack 10a.m.top she









# ALPENA NEWS

Phone 354-3111 or 1-800-448-0254



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A very special thanks to Hosnice of Northeast Michigan and Bannan Funeral Home for all your kindness Also, a special thanks to our families for all their support

Thank you Rose (Hoppe) Rosenbrock James, Angie & Randal Rosenbrock Rich, Chris & Holly Hibner

#### **PUBLIC NOTICES**

#### PUBLIC NOTICE

The Michigan Department of Environmental Quality (MDEQ) ANNOUNCES A PUBLIC HEARING

on the
PRESOUE ISLE COUNTY SOLID WASTE MANAGEMENT PLAN UPDATE

Wednesday, October 11, 2000 7:00 p m. Presque Isle County Court House

mmissioners Meeting Room, 151 E. Huron Avenue, Rogers City Michigan 49779

The public meeting is held to receive verbal and written comments from the local municipalities and the general public as part of a 30-day comment period beginning September 21, 2000 and ending October 20, 2000. Copies of the Plan may be reviewed at the Presque Isle County Court House. igers City, City Hall, Onaway ity Hall, and the Waste Management Division offices of the MDEQ, 608 W Allegan Street, Lansing, Michigan Visitors will be asked to register and are urged to submit comments in writing as well. Written comments may be submitted to the MDEO until October 6, 2000 and should be

sent to: Mr. Stan Idziak Solid Waste Management Unit Waste Management Division Michigan Department of Environmental Quality P.O. Box 30241 Lansing, Michigan 48909

bids to: H.P.C. Credit Union, 1234 W. Chisholm, Alpena, MI 49707, Attn: Manager.

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SANRORN TOWNSHIP is seeking bids for snowplowing and snow removal for the Sanborn Township Hall lot for the 2000-2001 season. Specifications can be obtained by contacting Supervisor Kenneth Gauthier at 517-471-2912. All bids should be turned in to Supervisor Gauthier no later than Monday, October 9, 2000 at 3p m. Sanborn Township reserves the right to accept or reject any or all

Lynda VanDusen, Clerk

#### **GARAGE SALES**

105 BARRY ST., Saturday, 10a.m.-3p.m. Collector mania: Episode II. Super deals on comics, sports & non sports card. All prices a fraction of book Trades welcome Some clothes/kids items. Postponed til Sunday if snow/sleet/rain.

1110 HINCKLEY BLVD. Friday, 9a m.-5p m., Saturday, 9a.m.-3p.m. Clothes, everything 1/2 price on Saturday.

1257 W. Washington Ave, Saturday, 9a.m.-2p m. Name brand clothing, toys, books, household & more!

12678 M-32 WEST, Saturday, 10a.m.-4p.m. TV, waterbed microwave, vacuum & misc.

CAREER OPPORTUNITY

Northwest Hardwoods - A Weyerhaeuser Company,

located in Lewiston, MI, is searching for the right

individual to enter our saw filer apprentice program

Applicant must be willing to make a commitment of time and effort to complete the program. Should have mechanical interests and skills Machine shop expenence, especially inspection, is a definite plus. Competitive benefits and vages for the area is offered. Equal programmy employer Pre-employment drum and alcohol testing required. Send

ment drug and alcohol testing required. Send

resume to Northwest Hardwoods, Attn.: Ray

Kirchmeyer, P.O. Box 599, Lewiston, MI 49756

Clothes: Boy's husky 12 & up, girl's 8-12, women's/men's large, Ice skates, soccer shoes, shin guards, roller blades, 2 Youth Martin bows & cases, snowmobile helmets, junior drum set, long twin bed/frame. Children's books, videos, games & toys. Winter gloves hats coats in child & adult sizes Bikes, cassettes, household items plus MUCH more. All items reasonably

901 S. FIFTH ST., Monday, October 2, 8:30a.m.-6p.m Lots of antiques, pictures, mirrors, old furniture, train, games, china.

priced

FRIENDSHIP LODGE Estate Sale is Coming October 6-7, 2000 at 14507 Parallel Ave... Long Lake. All furnishings and household items will be sold. 517-356-

LOOK! HUGE YARD SALE EVERYTHING IN THE YARD GOES, AND THERE IS EVERYTHING! 11211 US-23 S. (next to the Hunters Shack), Friday-Sunday, 10a.m.-5p.m Camp furniture, deer blind chairs, vehicles & top shelf antiques.

YARD SALE: 217 W. Lake St. Friday & Saturday, 9a.m - 4p.m. Baby furniture, baby & boys clothing, toys, dryer, S-10 truck cap & misc.

YARD SALE: 21730 N SHORE DRIVE, Hillman. Saturday & Sunday, 9a m.-4p m IBM PS Z computer/color monitor 25" color TV, VCR, stereo, furniture, household goods, art, books & much more.

YARD SALE: 404 PALM ST. Saturday only, 9a m.-3p m. lots of misc.

Doors open at 11a m VFW #2496 Aux , 2900 Connon St., Alpena.

BINGO-ALPENA BOOSTERS Club, Saturdays. Starts at 6:30n m. Doors open 5p.m. Alpena Senior Citizen Center, 501 River.

PAPER BINGO EVERY THURSDAY NIGHT, 6:30p.m.-10:30p m., Senior Citizen's Center, V.F.W. 3890 Auxiliary Bingo.

#### **ANNOUNCEMENTS**

CASINO PACKAGE - Days Inn lake front St. Ignace Room for two at \$69 95 and receive \$50 free in Kewadin Casino cash and more. Valid Sunday-Friday. 800-732-9746.

CRAFTERS WANTED St. John's fall fest on Saturday, October 28, 2000, Deadline October 13, 2000 For more information please call Judy at 517-354-5701.

Experienced teacher looking for students ages 5 and up, adults, all skill levels.

Call Emily at 356-0681 Call after 12 noon.

Dollmaking: A Women's Creativity Workshop

Northern Michigan Dollmaker of experience No patterns will be used; The focus will be on exploring our own creativity No rules, no limits, a wonderful gift for yourself!! 5 sessions, \$180, some materials included. Wednesday evenings, September 27-October 25, 2000 Call 517-354-5255.

#### Piano Lessons

Exploring Cloth

Teri Moody shares 15 years

Service Agency's Board of Education is accepting bids for the construction of an Administrative/Career and Technical Education Center in Tawas

specifications, please call Rex Reittenbach, Architect at (517) 876-2452.

p.m. at the losco Regional Educational Service Agency, Office of the Superintendent - Dr. Thomas P. Caldwell, Ph.D., 5800 Skeel Avenue, Oscoda, MI 48750. (517) 739-0300.

phone calls or faxes will be accepted.

1995, 57,000 miles, all power, all leather, sunroof. Call 517-727-3488

CADILLAC BROUMGHAN, 1991. Florida car. 100,000 miles, \$6,500. 517-354-3634. CADILLAC DEVILLE, 1998 Pearl white immaculate

condition, loaded, leather interior, heated seats. 517-727-2024

CHEVY CAVALIER, 1991 126,000 miles, stick shift, new tires, brakes, alternator, runs good, \$975, 517-379-7415

CHEVY MALIBU, 1981. Runs good, body rough, \$150 Call 517-595-2252

CHEVY Z-28 Camaro, 1994. 20,000 miles, excellent condition, T-tops, 517-471-2319, days or 471-2106, evenings.

CHRYSLER NEW Yorker, 1995 66,000 miles, excellent condition, loaded, \$7,500 517-356-0919 or 8250 Dietz Rd., Alpena

EAGLE PREMIER, 1988. 4door, good condition, \$2,000 Call 517-356-4310.

FORD ESCORT, 1988, 82,000 miles, runs good, \$1,000 or best offer Call 517-354-5701, ask for Judy

FORD ESCORT, 1998. Green, 43,000 miles, \$5,000, 1997 Ford Escort, 59,000 miles. \$3,700, Call 517-742-2195. FORD WAGON, 1989 Call

Restaurant Management

Hungry Howie's Properties, Michigan's

largest franchise of Hungry Howie's Pizza

and Subs, is currently seeking qualified

· \$18,200-\$23,400 Starting Annual Salary

Manager Earnings of \$26,000-\$42,000

Outstanding Advancement Opportunities

·Previous Restaurant or Management

Commitment to Customer Satisfaction

If you would like to join a young and growing

For an interview, call 517-362-5828.

Hungry Howiels

individuals to learn our business.

A Fun Working Environment

· Career-Minded, Goal-Oriented

Ability to take on new challenges

company, we would like to talk to youl

·Ability to work well with others

517-354-5713

We Offer:

·401k , Paid Vacation

We Require:

Experience

Individuals

plus Bonus

·Blue Cross

4x4, 73,000 miles, 4-door, air, excellent condition, \$6,800. 517-595-2993

CHEVY SILVERADO Z-71, 2000 Loaded, excellent condition CD power seats 3door, towing package, twotone paint. Priced below book at \$24,900 517 356-2756, 9a,m, 5p m. or 379-3606, after 5p m.

CHEVY SILVERADO, 1996 Short box, Sportside, loaded, excellent condition, 517-727-2046, evenings or 354-1065, daytime Ask for Ken. CHEVY SILVERADO Z-71. 1995. Short box, 4x4, loaded, Vortec 6 cylinder, 5-speed, black, 54,000 miles, \$11,900 517-595-2799

CHEVY Z-71, 1999. Loaded, leather interior, trailer package, V-8, heated seats. 3rd door, 4x4, short box, extended cab. 51,000 miles with 100,000 mile warranty. Black, CD player, air, power everything, excellent condition, \$24,000. Call 517-727-3358, after 5p.m. or leave message.

CHEVY, S-10, 1988 and 1989. 1 fiberglass cap, 4 cylinder stick, both run, needs lutch work, \$500 517-595-6388.

DODGE DAKOTA, 1987. 2.2L engine, 5-speed, needs head or head gasket, has new radiator, water pump, fan motor & hoses, \$700 or best offer, 517-595-2625.

#### **AUTOMOTIVE** WANTED

LOOKING FOR: 1969-1972 Chevelle SS. Drivable, or cars for parts. Call 517-356-3636. WANTED: A 3/4 ton, 4x4 truck with plow. Bust unimportant. prefer GM, under \$2,000. 517-356-0204.

#### **EMPLOYMENT**

BABYSITTER NEEDED: Grandmotherly type for 1 year old. Preferably our home Monday-Friday, 8a m.-5p.m. Call Lisa at 517-354-7969 CHAIR RENTAL available, part-time & full-time 517-354-4439, or stop in at CZ's



CLERICAL: BASIC office knowledge a must. Experience using AS400 a plus but not necessary, immediate position available. Call APS now at 800-929-2816.

DAIVER: MUST have a CDL/B with air brakes and current medical card. Physically challenging position. Immediate full-time openings. Home every night. Call APS now at 800-929-2816

#### **ON-SITE REC** Atlanta - Manu

Husky Products, I: interviewing ìn manufacturing personne October 3 from 9:00 a.t Positions available painting, assembly, operation, with wage experience. Qualified car hired on-the-spot and

Location: 11656 Reima

Atlanta, MI

Call (517) 358-7175 fo



immediately.

(The old "Essex

further information, o employment inquiry to:



### INVITATION TO BID

The Iosco Regional Educational

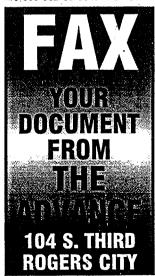
To obtain a copy of plans and bid

Bids are due October 18, 2000, 5:00

Bids shall be in a sealed envelope. No

To: Ray C. Ayer, 1190 East Broad Street, Apartment A1, Columbus, Ohio 43205 and David M Dunshee and Carolanne Dunshee 177 Milford, East Lansing, MI 48823 and Conifer, Inc., 6601 Lafayette, Dearborn Heights, MI 48127

To the owner or owners of any and all interest in, or liens upon the property described: Take Notice: Sale was lawfully made of the following describer property for unpaid taxes on that property, and that the undersigned has title to the property under tax deed or deeds issued for the property. You are entitled to reconveyance of this property within 6 months after return of service of this notice, upon payment to the treasurer of the county in which the property is located, of all sums paid for the Tax sale purchase, together with 50% in addition, and the fees of the sheriff for the service or cost of publication of this notice. The service or publication costs shall be the same as if for personal service of a summons on commencing a civil action, without other additional costs or charge If payment as described in this notice is no made, the undersigned will institute proceedings for possession of the property. Description (first six lines) for Property #122-030-000-012-01 T34N R8E Sec



All The LOCAL NEWS Amount necessary to redeem: \$2952 15 plus the fees of the Sheriff and/or publication cost Tax Deed Holder: Joseph L. Greene, 852 W Lincoln St., Caro, Michigan 48723.

#### NOTICE BY PERSON CLAIMING TITLE UNDER TAX DEED:

To the owner or owners of any and all interest in, or liens upon the property described: Take notice: Sale was lawfully made of the following described property for unpaid taxes on that property, and that the undersigned has title to the property under tax deed or deeds issued for the property. You are entitled to reconveyance of this property within 6 months after return of service of this notice, upon payment to the treasurer of the county in which this property is located, of all sums paid for the tax sale purchase, together with 50% in addition, and the fees of the sheriff for the service or cost of publication of this notice. The service or publication costs shall be the same as if for personal service of a summons on commenc-

# NOTICE OF PUBLIC HEARING

October 16, 2000 9:00 a.m.

**Purpose of Hearing** 

To receive public comment on the expenditure of Federal Funds for the years covering 2001, 2002, 2003 and 2004 regarding the Transportation Efficiency Act TEA21.

Written comments will be accepted until 4:00 p.m. on Friday, October 13, 2000.

This hearing shall take place at the Road Commission office. Additional information may be obtained at the Road Commission office at 657 South Bradley Highway, Rogers City, Michigan.

Thomas Catalano, Chairman Paul Krueger, Vice-Chairman Daniel Mulka, Member

The Michigan Department of Environmental Quality (MDEQ)

ANNOUNCES A PUBLIC MEETING

on the

PRESQUE ISLE COUNTY SOLID WASTE MANAGEMENT PLAN UPDATE Wednesday, October 11, 2000 -- 7:00 p.m.

Presque Isle County Courthouse, Commissioners Meeting Room,

The public meeting is held to receive verbal and written comments from the local municipalities and the general public as part of a 30-day comment period beginning September 21, 2000 and ending October 20, 2000. Copies of the Plan may be reviewed at the Presque Isle County Courthouse, Rogers City, City Hall, Onaway City Hall, and the Waste Management Division offices of the MDEQ, 608 W. Allegan Street in Lansing, Michigan. Visitors will be asked to register and are urged to submit comments in writing as well. Written comments may be submitted to the MDEQ until October 6, 2000 and should be sent to:

Mr. Stan Idziak
Solid Waste Management Unit
Waste Management Division
Michigan Department of Environmental Quality
P.O. Box 30241
Lansing, Michigan 48909

#### ircuit ( Court I

The following cases were heard recently in the Presque Isle County Circuit Court by Judge John F Kowalski

Kimberly Sue Robinson, 33, of Onaway was found guilty of illegal credit card possession, and the illegal use or sale of a financial transaction de-

Robinson was sentenced to a one year delay of sentence with the following conditions

Robinson must not apply for, use, or have a checking account or credit card or any other financial. transaction device.

Robinson must pay \$785.61 in restitution, costs, and fees.

Antoinette Litwin, 39, of Hawks was found guilty of the unlawful use of a motor vehicle, no operators license - three years, first offense, and failure to maintain security while driving on an expired license plate. In addition, she was found guilty of the unlawful use of a motor vehicle - third offense --habitual offender

Litwin was sentenced to continued probation and must serve 270 days in the

Presque Isle County jail with credit given for 77 days served

If eligible, Litwin may be released for inpatient treatment and upon successful completion, jail time may be held in abey-

Cory Lee Burgess, 18, of Millersburg was found guilty of a probation violation. Burgess was sentenced to 270 days in the Presque Isle County jail with credit given for 122 days served

Burgess may have a school and work release.

# County Road Commission

Presque Isle County Road Commission Condensed Minutes September 18, 2000

The regular meeting of the Board of Road Commissioners for Presque Isle County was held at the Road Commission office at 657 South Bradley Highway Rogers City, Michigan Chair-man Thomas Catalano called the meeting to order at 8 a m.
Board Members Present:

Thomas Catalano, Paul Krueger Jr., Daniel Mulka Also Present: Supt./Mgr Rose, Clerk Gerald Smigelski. Visitors: None.

The minutes of the Septem ber 18 regular Board meeting were approved as presented.

Accounts Payable
Motion by Mulka
(Catalano) to approve the accounts payable in the amount of \$148,481.31

Ayes: Mulka, Catalano,

Old Business

The Board named an un-named county local road in Presque Isle Township

Bid openings scheduled for this meeting for truck equipment was postponed due to changes in equipment specifications

Discussion took place regarding the relocation of an intersection of located in Case township

New Business The Board approved expenses for employee flu shots, Supt/Mgr and Clerk to attend a road conference and committee meetings in December. A resolu-tion to extend the state maintenance contract until March 31. 2001 was approved
Also the Board approved

holding a Public Hearing on Monday, October 16 at 9 a.m. to receive public comment regarding the expenditure of Federal funds for the years 2001, 2002 2003 and 2004 regarding the

Transportation Efficiency Act

engineering firm, presented a proposal to the Board

that various paving projects within the county will be delayed due to an equipment explosion at

16 at 7:30 p.m There being no further business it was moved by Catalano (Krueger) to adjourn the meeting Meeting adjourned at 9:40 a m

The complete minutes of the meeting of the Board of Presque Isle County Road Commissioners are available for viewing and can be seen at the Road Commission office at 657 South Bradley Highway, Rogers City Michigan 49779

Superintendent/ nager's Report The Board was informed

the Bolen Asphalt plant The next meeting of the Board will be Monday, October

> Ocqueoc, MI 49759 733-8484 FOREST TOWNSHIP

Shirley Crowe, Clerk 9148 Black River Rd Onaway, MI 49765 733-8178

Donnie Wilson, Clerk

18168 Town Hall Hwy

ALLIS TOWNSHIP Judith Hayner Bancroft, Clerk 4578 Havner Rd. Glenna Campbell, Clerk P.O Box 260 4578 Hayner Rd.

N. ALLIS TOWNSHIP Sarah LeCureux, Deputy Clerk Pamela Schaedig, Clerk

Onaway, MI 49765 733-6393

WAVERLY TOWNSHIP Deanna Gilbert, Clerk 5771 S Black River Rd Onaway, MI 49765

# REGISTRATION **NOTICE**

# **GENERAL ELECTION TUESDAY, NOVEMBER 7, 2000**

To the Qualified Electors of the City of Onaway and the Townships of the County of Presque Isle, State of Michigan

NOTICE IS HEREBY GIVEN that Tuesday, October 10, 2000 is the last day to register to vote or change your address for the above stated election. If you are not currently registered to vote or have changed your address in the city or township in which you live you may do so at the following locations and times listed in this notice. Qualified electors you may do so at the following locations and times listed in this notice. Qualified electors may also register to vote or change their address at the office of the City/Township Clerk, or the office of the County Clerk, or at any Secretary of State Branch office, or at the specified agency for clients receiving services through the Family Independence Agency, or the Department of Community Health, or the offices of the Michigan Jobs Commission, or some offices of the Commission for the Blind or at military recruitment offices for persons enlisting in the armed forces. Registration may also be made by obtaining and completing a Mail Voter Registration Application and forwarding to the election official as directed on the application by the close of registration deadline. Mail voter registration applications may be obtained by contacting the election official listed below. A person who registers to vote by mail is required to vote in person unless they have previously voted in person in the city/township where they live or are at least 60 years of age or are handicapped.

Notice is also given that I will be at my office

# Tuesday, October 10, 2000 -- Last Day

during regular business hours

For the purpose of receiving applications for registration of the qualified electors in said city/township.

CITY OF ONAWAY Kelli Stockwell, Clerk City Hall Onaway, MI 49765 Onaway, MI 49765 733-8313 733-2036

REARINGER TOWNSHIP 1349 N M-211

733-4206

CASE TOWNSHIP Millersburg, MI 49759 733-8700

OCQUEOC TOWNSHIP 1032 S Ocqueoc Rd. Millersburg, MI 49759 733-8238

IN ADDITION TO ELECTING CANDIDATES FOR VARIOUS OFFICES. THE FOLLOWING STATE PROPOSALS WILL BE VOTED ON:

PROPOSAL 00-1

A proposal to amend the constitution to permit state to provide indirect support to students attending nonpublic pre-elementary, elementary and secondary schools; allow the use of tuition vouchers in certain school district; and require enactment of teacher testing laws

PROPOSAL 00-2

A proposal to amend the constitution to require a super majority vote (2/3 vote) of the State Legislature to enact certain laws affecting local governments

ALSO THE FOLLOWING COUNTY PROPOSITION(S) WILL BE VOTED ON: None The following township proposition will be voted on in Allis Township:

MILLAGE PROPOSAL INCREASE

Shall the one (1) mill tax limitation on general ad valorem taxes within Allis Township be increased for said township by two (2) mills (\$2.00 per \$1,000.00 of SEV) for the period of five years, being 2000 through 2004, inclusive, for improving Allis Township roads, and shall the Township levy such increase in millage for such purposes during such period? This increase will raise in the first year of such levy, and estimated, \$35,000,00.

Susan M. Rhode, Presque Isle County Clerk

# The Michigan Department of Environmental Quality (MDEQ)

ANNOUNCES A PUBLIC MEETING on the

PRESQUE ISLE COUNTY SOLID WASTE MANAGEMENT PLAN UPDATE Wednesday, October 11, 2000 -- 7:00 p.m.

Presque Isle County Courthouse, Commissioners Meeting Room, 151 E. Huron Avenue, Rogers City, Michigan 49779

The public meeting is held to receive verbal and written comments from the local municipalities and the general public as part of a 30-day comment period beginning September 21, 2000 and ending October 20, 2000. Copies of the Plan may be reviewed at the Presque Isle County Courthouse, Rogers City, City Half Onaway City Hall, and the Waste Management Division offices of the MDEQ, 608 W. Allegan Street in Lansing, Michigan. Visitors will be asked to register and are urged to submit comments in writing as well. Written comments may be submitted to the MDEQ until October 6, 2000 and should be sent to:

Mr. Stan Idziak

Solid Waste Management Unit Waste Management Division Michigan Department of Environmental Quality

P.O. Box 30241 Lansing, Michigan 48909

## PLANNING COMMITTEE APPOINTMENT PROCEDURE:

The Plan was written by the DEQ under Section 11533(6) of Part 115, Solid Waste Management, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended. Therefore, the appointment of a planning committee was not required.

#### **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.

The BOC shall be responsible for the implementation and enforcement of the Plan Update. The BOC may designate an agency or committee to provide oversight to ensure initiation of the public education program, the operation of recycling and composting programs, the review of the administrative completeness of siting applications, and the consistency of solid waste siting proposals, but the ultimate decision making rests with the BOC.

The BOC may take such actions as needed to provide funding for the implementation and enforcement of the plan including, but not limited to, applying for federal, state, and foundation grants, or using other funding sources that may be available, such as the levy of fees, surcharges, or a special millage. The BOC is also responsible for any legislative actions that may be necessary to accomplish the goals of the Plan that do not conflict with federal or state statutes.

# Resolutions

The following are resolutions from the BOC approving municipality's request to be included in an adjacent County's Plan.

N/A

#### ATTACHMENTS

# **Listed Capacity**

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



# Montmorency-Oscoda-Alpena Solid Waste Management Authority

P.O. Box 789 • Atlanta, MI 49709

(517) 785-2066 • Fax: (517) 785-4183

**Authority Board** 

Roger D. Frye Chairman

Dennis Kauffman Vice-Chairman

Raymond Wegmeyer Secretary/Treasurer

Richard E. Hermanson

Michael Hunt

Jere Gagnon

Sandy Cunningham Executive Secretary February 23, 2000

Mr. Stan Idziak Solid Waste Management Unit Waste Management Division Department of Environmental Quality P.O. Box 30241 Lansing, MI 48909-7741

Dear Mr. Idziak:

In response to your correspondence dated 2/18/00 requesting documentation confirming disposal capacity for waste generated in Presque Isle County, please find enclosed two pieces of correspondence to Ms. Diane Rekowski, Director of the Northeast Michigan Council of Governments. This correspondence confirms disposal capacity at the Montmorency-Oscoda-Alpena Landfill and confirms the intent of the Landfill Authority Board to accept waste generated in the County's with export authorization as listed in the Montmorency-Oscoda Solid Waste Management Plan. (Copy of page 24 of the Montmorency-Oscoda Solid Waste Management Plan, Current Import Volume Authorization of Solid Waste is enclosed)

If you require additional information, please contact me.

Sincerely.

Sandy Cunningham Executive Secretary

cc: Landfill Authority Board

# ontmorency/Oscoda Joint Sanitary Landfill

May 28, 1998

Ms. Diane Rekowski NEMCOG 121 East Mitchell Gaylord, MI 49735

Dear Diane:

In confirmation of our telephone conversation regarding solid waste disposal at our Landfill, Alpena County is authorized to dispose of up to one hundred percent (100%) of the waste generated in Alpena to our Landfill.

Alpena County has joined membership in the formation of the Landfill Authority. In addition, Alpena has approved a flow control ordinance designating waste generated in that County be disposed of in our Landfill. The flow control ordinance will become effective upon inclusion in the Alpena County Solid Waste Management Plan.

The Landfill Authority is currently preparing application to the State of Michigan for a vertical expansion on the existing cell which will provide 150,000 cubic yards of additional air space. Construction of a new 5.4 acre cell will commence in the Spring of 1999. Beyond the 1999 construction, the Authority plans to construct annually to ensure adequate air space is available.

If you require additional information, please let me know.

Sincerely,

Sandy Cunningham Executive Secretary

cc: Landfill Authority



# Montmorency-Oscoda-Alpena Solid Waste Management Authority

P.O. Box 789 • Atlanta, MI 49709

(517) 785-2066 • Fax: (517) 785-4183

**Authority Board** 

Roger D. Frye Chairman

Dennis Kauffman Vice-Chairman

Raymond Wegmeyer Secretary/Treasurer

Richard E. Hermanson

Michael Hunt

Jere Gagnon

Sandy Cunningham Executive Secretary June 15, 1999

Ms. Diane Rekowski NEMCOG P.O. Box 457 Gaylord, MI 49735

Dear Ms. Rekowski:

Please be advised that it is the intention of the Montmorency-Oscoda-Alpena Solid Waste Management Authority Board to accept waste generated in those County's as listed in the Montmorency-Oscoda Solid Waste Management Plan.

As you are aware, flow control for 100% of the waste generated in Montmorency, Oscoda and Alpena County's is now in place, pursuant to the Solid Waste Management Plans of those County's. Projected volumes available for disposal with flow control from the three County's is estimated to be 145,000 cubic yards annually. Our Landfill has an estimated thirty-year life expectancy, securing air space for up to 3,500,000 cubic yards of waste.

As such, the Landfill Authority would be most willing and able to pursue an agreement for all or a portion of the waste generated in the County's with export authorization in our Solid Waste Management Plan.

If you require additional information, please contact this office.

Sincerely.

Roger D. Frye

Soga A. - Juje

Chairman

RDF/sc

SELECTED SYSTEM

#### IMPORT AUTHORIZATION

If a Licensed solid waste disposal area is currently operating within the County, disposal of solid was 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>
Montmorency	Alpena	MOSL	100 %	100 %	P
Montmorency	Montmorency	MOSL	100 %	100 %	P
Montmorency	Oscoda	MOSL	100 %	100 %	P
Montmorency	Emmet	MOSL			P, O*
Montmorency	Cheboygan	MOSL			P, O*
Montmorency	Presque Isle	MOSL			P, O*
Montmorency	Alcona	MOSL			P, O*
Montmorency	Iosco	MOSL			P, O*
Montmorency	Ogemaw	MOSL			P, O*
Montmorency	Roscommon	MOSL			P, O*
Montmorency	Crawford	MOSL			P, O*
Montmorency	Otsego	MOSL			P, O*
Montmorency	Kalkaska	MOSL			P, O*
Montmorency	Grand Traverse	MOSL			P, O*
Montmorency	Benzie	MOSL			P, O*
Montmorency	Leelenau	MOSL			P, O*
Montmorency	Antrim	MOSL			P, O*
Montmorency	Charlevoix	MOSL			P, O*
Montmorency	Schoolcraft	MOSL			P, O*

<sup>\*</sup> The MOSL Authority reserves the right to establish waste hauler allocations into the landfill.

<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; O\* = Other conditions exist and detailed explanation is included in the Attachment Section





11375 Sherman Rd. Frederic, MI 49733 (517) 732-3553 (517) 732-1398 Fax

February 28, 2000

Mr. Stan Idziak
Michigan Department of Environmental Quality
Waste Management Division
PO Box 30241
Lansing, MI 48909-7741

RE: City Environmental Services, Inc. of Waters
Landfill Capacity

Dear Mr. Idziak:

This letter is being written in response to your request dated February 18, 2000.

Waters Landfill has sufficient capacity to service the disposal needs of Presque Isle County. Of the approximately 6,800,000 bank cubic yards permitted, more than 5,500,000 remain. At 1999 disposal rates (493,549 gate cubic yards received), this equates to more than 20 years of site life. For the year 2000, we are projecting to receive less volume than in the past due to the redirection of some waste streams.

Please feel free to contact me if you have any questions or require any additional information.

Sincerely,

Debora L. Johnston Divisional Engineer

c: Chad Crawford Steve Essling



October 16, 2000

Mr. Stan Idziak, Env. Quality Analyst Michigan Dept. of Environmental Quality Waste Management Division P.O. Box 30241 Lansing, Michigan 48909-7741

RE: Assurance of Landfill Capacity

Dear Mr. Idziak,

Please be advised that Republic Services of Michigan has sufficient capacity to meet the needs of the Presque Isle County updated solid waste plan for the next ten years.

Republic will commit and accept up to 100 percent of the daily and annual volume generated within Presque Isle County at either of the two following facilities: the Elk Run Landfill, located in Presque Isle County and/or the Whitefeather Landfill, located in Bay County. We will commit this capacity for the ten-year planning period commencing upon the date of approval of the updated plan by the MDEQ.

Republic looks forward to assisting the county in planning for its long-term disposal needs. Please feel free to contact us if there is any other means in which we can provide assistance.

Respectfully,

Stephanie Glysson

Director of Governmental Affairs

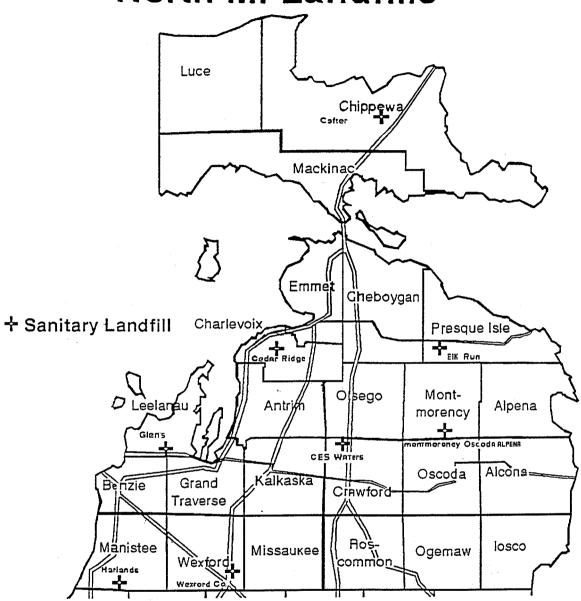
Cc: Matt Neely, Republic Waste

### ATTACHMENTS

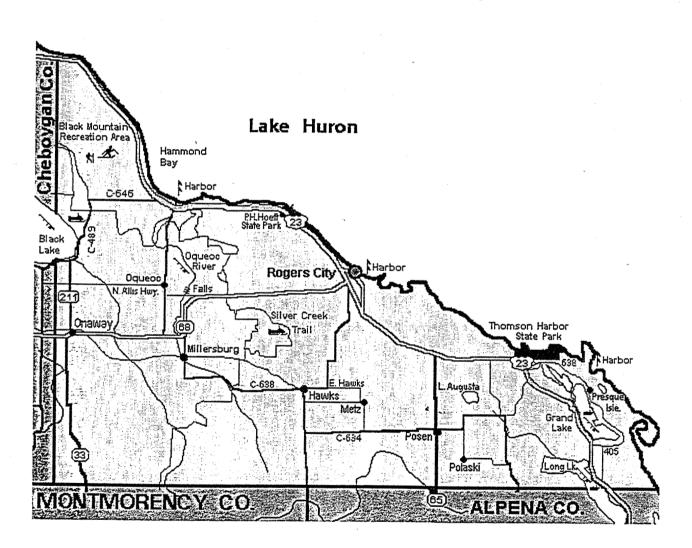
## <u>Maps</u>

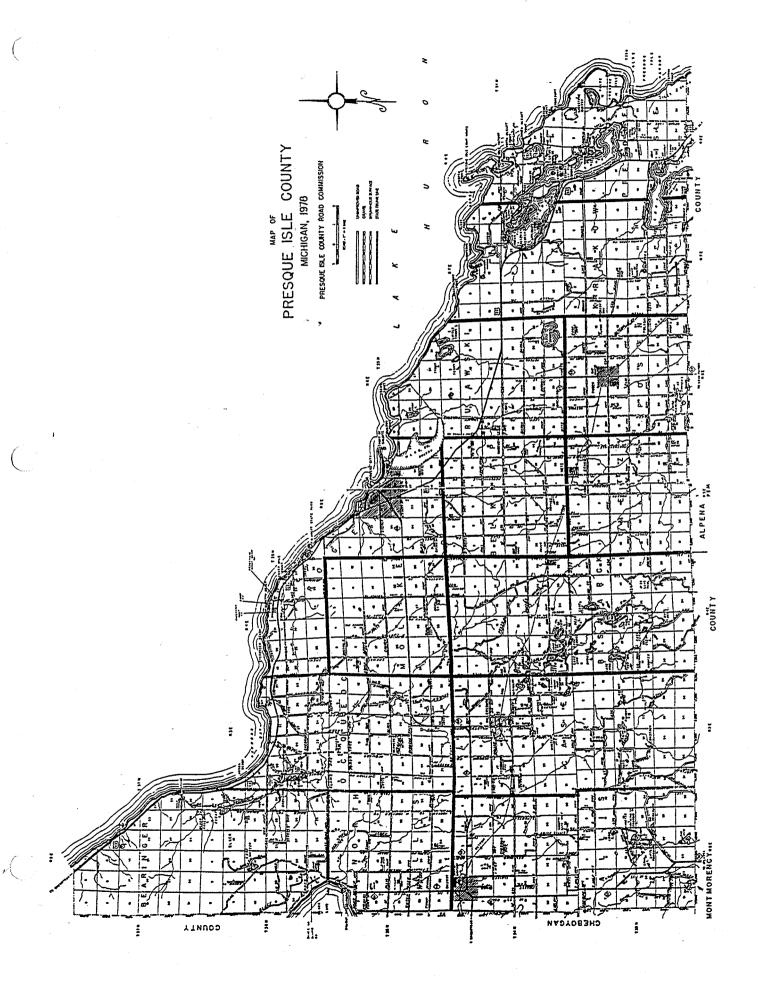
Maps showing locations of solid waste disposal facilities used by the County.

# North Mi Landfills



# Map of Presque Isle County, Michigan





#### ATTACHMENTS

# **Inter-County Agreements**

Copies of inter-county agreements with other counties (if any).

#### **ATTACHMENTS**

# **Special Conditions**

Special conditions affecting import or export of solid waste.

None.