



RICK SNYDER  
GOVERNOR

STATE OF MICHIGAN  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
LANSING



DAN WYANT  
DIRECTOR

June 13, 2014

Mr. Clark Elftman, Chairperson  
Huron County Board of Commissioners  
250 East Huron Avenue, Room 305  
Bad Axe, Michigan 48413

Dear Mr. Elftman:

The locally approved amendment to the Huron County Solid Waste Management Plan (Plan Amendment) received by the Department of Environmental Quality (DEQ) on March 14, 2014, is hereby approved.

The Plan Amendment makes the following changes:

- Up to 40 acres, per the updated map that is included, at the Huron Landfill Corp. located at 4151 S. McMillan, Bad Axe, MI 48413, is deemed automatically consistent with the Plan.
- All references to Richfield Landfill or Cove Landfill will be changed to Huron Landfill Corp.
- An updated facility description for Huron Landfill Corp.

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

Sincerely,

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

cc: Senator Mike Green  
Representative Terry Brown  
Ms. Laura Tyll, Huron County EDC  
Mr. Dan Wyant, Director, DEQ  
Mr. Jim Sygo, Deputy Director, DEQ  
Ms. Maggie Datema, Legislative Affairs, DEQ  
Mr. Phil Roycraft, DEQ  
Ms. Rhonda S. Oyer, DEQ  
Mr. Steve Sliver\Ms. Christina Miller, DEQ\Huron County File

## **Huron County Solid Waste Management Plan Amendment**

Amendment: 2011-01

This amendment will serve to provide the required ten (10) years of landfill capacity for the residents of Huron County.

Huron Landfill Corp. operators of the landfill located at 4151 S. McMillan, Bad Axe, MI 48413 have indicated that the current landfill has approximately six (6) years of capacity left based on current solid waste flows going to the facility. In order to meet the required minimum ten (10) year capacity requirements Huron Landfill has requested a plan amendment to be allowed to purchase an additional 40 acres of property to be used for additional landfill space. Based upon current projections, this added space will provide an additional twenty (20) years capacity to the Landfill facility. (See attached survey and legal description for exact location: Attachment #1)

The construction of the landfill will remain consistent with the current design of the landfill and meet all of the State of Michigan requirements. (see attachment for additional details: Attachment #2)

The Huron County Solid Waste Advisory Committee finds that this request is consistent with the intent of the Committee to provide for ten years of landfill capacity for the residents of Huron County and for the efficient operation of the landfill here by:

Recommend to the Huron County Board of Commissioners that they approve the plan amendment and provide communication to all of the local units of government in the county that the requested amendment is consistent with the goals of the plan and request approval of the amendment.

Furthermore, "all references to Richfield Landfill or Cove Landfill will be changed to Huron Landfill Corp."

Amended, Pages II-3, III-7 and III-20 of the Huron County Solid Waste Management Plan 1999. (see attachment #3).

Dated: 1/8/2014

**RECEIVED**  
**MAR 14 2014**  
**DEQ-RMD**

**CERTIFICATE OF SURVEY**  
 PART OF THE N.W. 1/4 OF SECTION 22, T15N-R12E,  
 SHERIDAN TOWNSHIP, HURON COUNTY, MICHIGAN.

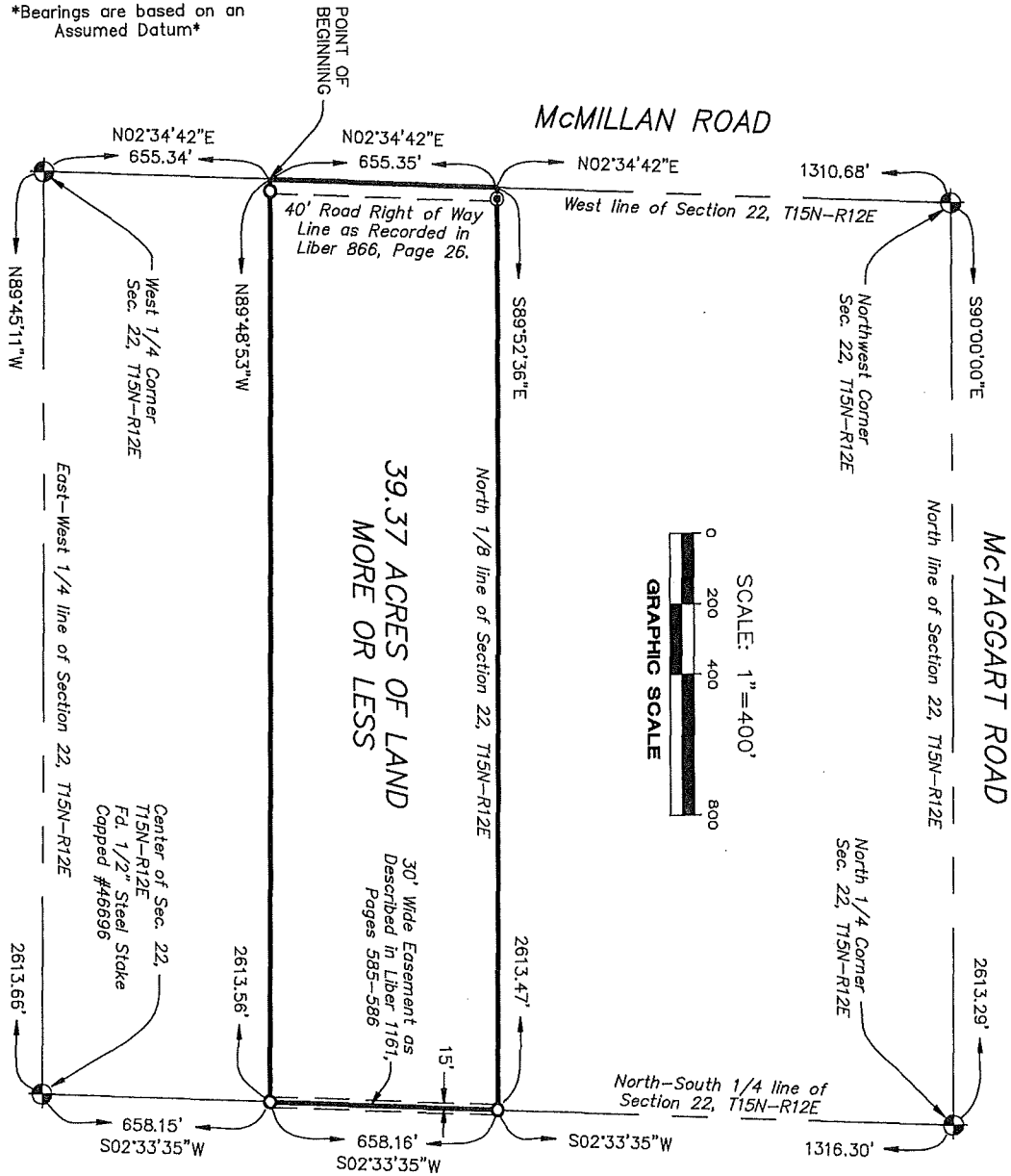
CLIENT:  
 HURON LANDFILL CORP.  
 4151 S. McMILLAN ROAD  
 BAD AXE, MI 48413

PROJECT No.  
 2012-6714

BY:  
 STIVERSON & ASSOCIATES, INC.  
 255 EAST HURON AVE.  
 BAD AXE, MI 48413  
 989-269-2201

NOTE:  
 ○ = 1/2" x 18" STEEL STAKE SET  
 ● = STEEL STAKE FOUND

\*Bearings are based on an  
 Assumed Datum\*



\* \* \*

I hereby certify to "Investors Title Insurance Company", "United Title Agency", "Comerica Bank", and "Bad Axe Property Corp." that I have surveyed and mapped the above described parcel of land; that the error of closure is no greater than 1 in 5000; and that said survey is in full compliance with Section 3, of Act 132, P.A. of 1970.

*Benjamin D. Tank*

BENJAMIN D. TANK P.S. #57884  
 NOVEMBER 1, 2012  
 SHEET 1 OF 2 SHEET(S)



**CERTIFICATE OF SURVEY**  
PART OF THE N.W. 1/4 OF SECTION 22, T15N-R12E,  
SHERIDAN TOWNSHIP, HURON COUNTY, MICHIGAN.

CLIENT:  
HURON LANDFILL CORP.  
4151 S. McMILLAN ROAD  
BAD AXE, MI 48413

PROJECT No.  
2012-6714

BY:  
STIVERSON & ASSOCIATES, INC.  
255 EAST HURON AVE.  
BAD AXE, MI 48413  
989-269-2201

**DESCRIPTION:**

Commencing at the West 1/4 Corner of Section 22, T15N-R12E, Sheridan Township, Huron County, Michigan; thence N02°34'42"E 655.34 feet along the West line of said Section 22 to the Point of Beginning; RUNNING THENCE N02°34'42"E 655.35 feet along the West line of said Section 22; thence S89°52'36"E 2613.47 feet along the North 1/8 line of said Section 22; thence S02°33'35"W 658.16 feet along the North-South 1/4 line of said Section 22; thence N89°48'53"W 2613.56 feet to the Point of Beginning. Being a part of the Northwest 1/4 of Section 22, T15N-R12E, Sheridan Township, Huron County, Michigan and containing 39.37 acres of land more or less. Subject to easements and rights of way of record.

*Northwest Corner of Section 22, T15N-R12E*

*Found 5/8" Steel Stake*

*WITNESSES:*

*N45°E 48.24' to a Spike & Tag N.W. side of a Wood Post.*

*N70°E 90.82' to a Spike in the S. side of a Wood Post.*

*S45°W 39.41' to a Stop Sign Post.*

*S45°E 46.31' to the face of a Steel Fence Post.*

*North 1/4 Corner of Section 22, T15N-R12E*

*Found 1" Pipe*

*WITNESSES:*

*South 33.47' to the face of a Steel Fence Post.*

*S70°W 78.62' to a Spike & Tag N. side of P.P.*

*N45°W 35.84' to a Mag Nail S.W. side of a Wood Post.*

*N70°W 69.57' to a Mag Nail S. side of a Wood Post.*

*West 1/4 Corner of Section 22, T15N-R12E*

*Found 1/2" Steel Stake in Mon. Box*

*WITNESSES:*

*N55°W 14.58' to a 1/2" Steel Stake.*

*S45°W 19.90' to a 1/2" Steel Stake.*

*N35°E 39.03' to a 1/2" Steel Stake.*

*East 50.90' to a Spike & Tag N. side of P.P.*

**SCHEDULE B - SECTION II EXCEPTIONS:**

Per Investors Title Insurance Company, Commitment Number: 20838-1012T

- (4) Well Agreement as recited in Warranty Deed recorded in Liber 315 of Deeds, Page 329. (NOT PLOTTABLE)
- (5) Mutual Drainage Agreement recorded in Liber 248 of Deeds, Page 102. (NOT PLOTTABLE)
- (6) Right of Way Easement for Highway Purposes to the Huron County Road Commission recorded in Liber 866 Huron County Records, Page 26. (PLOTTED ON SURVEY)
- (7) Easement to Richfield Equities, LLC recorded in Liber 1161 Huron County Records, Page 585. (PLOTTED ON SURVEY)
- (8) Terms and conditions of Farmland Development Rights Agreement as recorded in Liber 1405 Huron County Records, page 768. (NOT PLOTTABLE) - (BLANKET ENCUMBRANCE)
- (9) Terms and conditions of Farmland Development Rights Agreement as recorded in Liber 1405 Huron County Records, page 770. (NOT PLOTTABLE) - (BLANKET ENCUMBRANCE)

\* \* \*

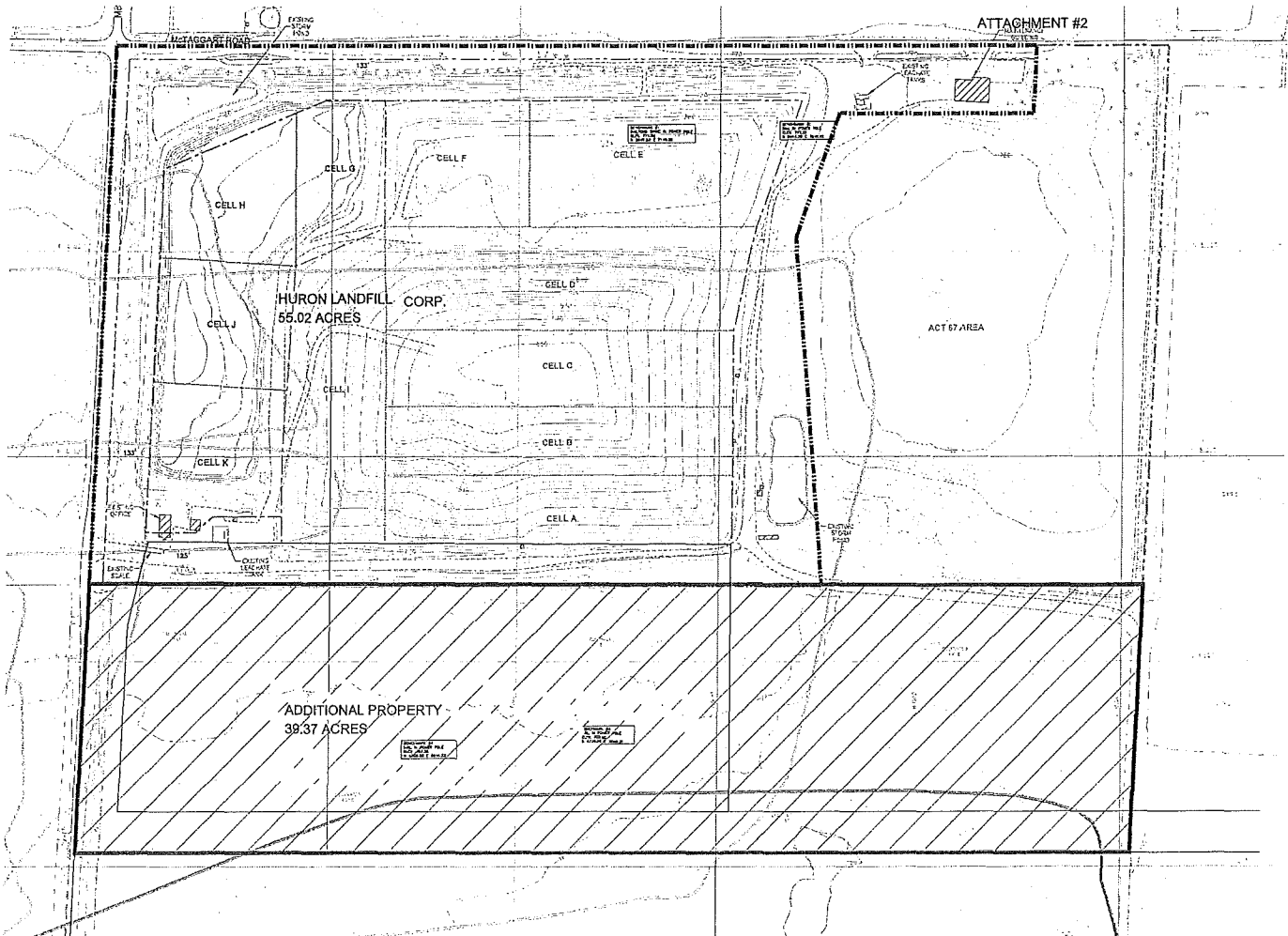
I hereby certify to "Investors Title Insurance Company", "United Title Agency", "Comerica Bank", and "Bad Axe Property Corp." that I have surveyed and mapped the above described parcel of land; that the error of closure is no greater than 1 in 5000; and that said survey is in full compliance with Section 3, of Act 132, P.A. of 1970.

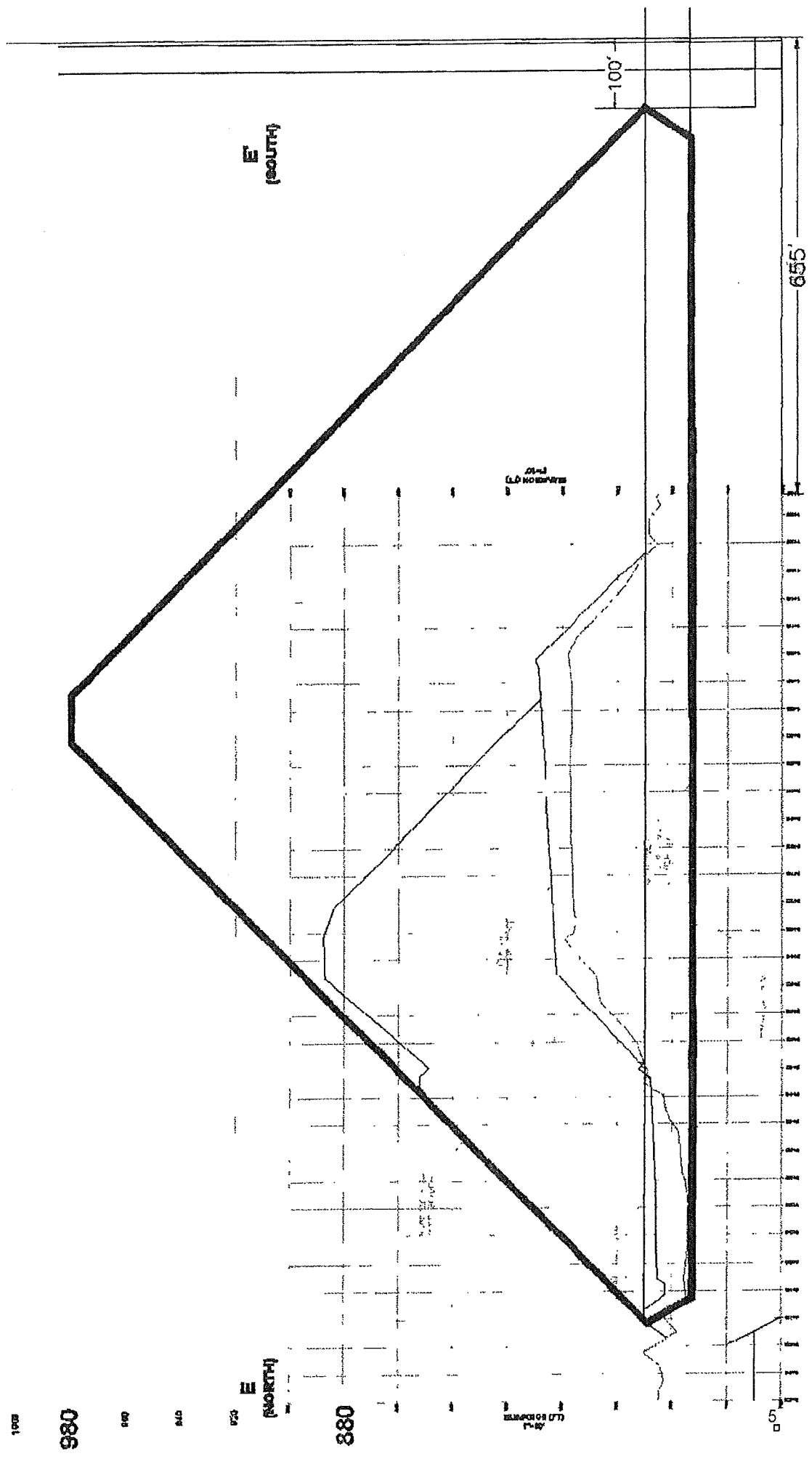
*Benjamin D. Tank*

BENJAMIN D. TANK P.S. #57884  
NOVEMBER 1, 2012  
SHEET 2 OF 2 SHEET(S)



ATTACHMENT #2





DATABASE  
DATA BASE

FACILITY DESCRIPTIONS

Facility Type: Type II Landfill

Facility Name: Huron Landfill Corp.

County: Huron Location: Sheridan Town: 15N Range: 12E Section(s): 22

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: N.A.

Public ☐ Private ☒ Owner: Huron Landfill Corp.

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

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

Site Size:

Total area of facility property: 92.77 acres

Total area sited for use: 81.17 acres

Total area permitted:

Operating: 6.84 acres

Not excavated: 0 acres

Current capacity: 1,150,000 yds<sup>3</sup>

Estimated lifetime: 11\* years

Estimated days open per year: 290 days

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

(if applicable)

Annual energy production:

Landfill gas recovery projects: N.A. megawatts

Waste-to-energy incinerators: N.A. megawatts

\*Based on existing 500' setbacks

## SELECTED SYSTEM

### FACILITY DESCRIPTIONS

Facility Type: Type II Landfill

Facility Name: Huron Landfill Corp.

County: Huron Location: Sheridan Town: 15N Range: 12E Section(s): 22

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: N.A.

Public ☐ Private ☒ Owner: Huron Landfill Corp.

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

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

#### Site Size:

Total area of facility property: 92.77 acres

Total area sited for use: 81.17 acres

Total area permitted:

Operating: 6.84 acres

Not excavated: 0 acres

Current capacity: 1,150,000 yds<sup>3</sup>

Estimated lifetime: 11\* years

Estimated days open per year: 290 days

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

(if applicable)

Annual energy production:

Landfill gas recovery projects: N.A. megawatts

Waste-to-energy incinerators: N.A. megawatts

\*Based on existing 500' setbacks.



SELECTED SYSTEM  
SITING REVIEW PROCEDURES

AUTHORIZED DISPOSAL AREA TYPES

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

New Sanitary Landfill, Transfer Station, Processing Plant, Solid Waste incinerator or any other type of waste disposal system other than what specifically mentioned, allowed for and in place at the time of this plan's approval.

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. This section presents all of Huron County's siting criteria for the existing Type II landfill in the County.

Huron County criteria includes that the additional up to 40 acres acquired as shown on the attached updated facility map in this amendment at 4151 South McMillan, Bad Axe, MI 48413, is deemed automatically consistent with, and included in the plan. (Facility Map is Page 4 of the packet at the bottom of the page)

**EXISTING FACILITY SITING CRITERIA**

**1**

**Solid Waste Meeting**

-June 7, 2011 approval of plan amendment

**2**

**90 Day Public Comment Period**

- Public Notice
- List of people who received
- Sample letter and packet
- 2 Public Comments: DEQ and Lake Township

**3**

**Public Hearing**

**4**

**Solid Waste Planning Committee**

- Packet & Minutes & Resolution

**5**

**Government/Municipality Process**

- BOC Resolution
- Sample letter to Municipalities
- Vote Checklist & Copies of Resolutions
- Comments received



## Huron County Solid Waste Advisory Committee - Minutes

---

June 7, 2011 - 6:30pm, Huron County Building, 250 E. Huron Ave., Room 305, Bad Axe, MI 48413

The meeting was called to order by Carl Osentoski, Designated Solid Waste Planning Agency representative.

After brief introductions, Mr. Osentoski presented the minutes of the May 17, 2011 meeting for review, comment and corrections. One correction was noted, Wes Sherman was identified as a consultant for Richfield Management. Mr. Sherman should have been identified as the Staff Engineer for Richfield Management. The correction will be made. The minutes will stand as corrected.

The Committee then reviewed the draft plan amendment. Mr. Osentoski reviewed in detail the amendment and there was brief discussion.

A Motion was made by Joe Trepkoski, supported by Daniel Lanfear to approve the plan amendment and to make the amendment available for public review and comment. A Vote was called, ayes – all, nays – 0. Motion carried. This period of public review and comment will be for 90 days. In addition, during the 90 comment period, the Designated Solid Waste Planning Agency will hold a public hearing to solicit additional comments on the plan amendment.

Mr. Osentoski then reviewed the next several steps in the amendment approval process and the role of the Solid Waste Advisory Committee.

The next meeting will be set by the Designated Solid Waste Planning Agency upon completion of the public comment period. It is anticipated this would be approximately the end of September 2011.

Having no further business, the meeting was adjourned.



90 Day Comment

AFFIDAVIT OF PUBLICATION

STATE OF MICHIGAN

COUNTY OF HURON

Vicki Yaroch, being duly sworn, deposes and says that she is the Advertising Manager, of the Huron Daily Tribune, a newspaper printed in the County of Huron, State of Michigan, that the Huron County EDC Notice to Public – Solid Waste Planning Committee, of which the attached is a true copy, was published in the Huron Daily Tribune on September 25, 2013.

Vicki Yaroch  
Vicki Yaroch, Advertising Manager

Subscribed and sworn to before me this 25<sup>th</sup> day of September, 2013.

Pamela J. Gardner  
Pamela J. Gardner  
Notary Public, for Huron County, Michigan,  
Acting in Huron County.

My Commission Expires 8/03/2017

**Notice to Public**

The Huron County Solid Waste Planning Committee has approved a plan amendment to the Solid Waste Plan for Huron County. The Committee is redoing the 90 day public comment period for the amendment. The 90 day comment period starts October 1, 2013 to January 3, 2014. A copy of the plan amendment will be available at all the local libraries in Huron County and the Huron County Economic Development Office – Courthouse (Room #303) – Bad Axe, MI. A public hearing on the plan amendment will be held on November 5, 2013 at the Huron County EDC Office – 250 E. Huron Ave. #303, Bad Axe, MI 48413 from 10:00 a.m. to Noon.

Company	Contact	Address 1	Address 2	City	State	Zip
Austin Township	Mr. Ed Sadro	8321 S. Ubly Rd.		Ubly	MI	48475
Bad Axe Area District Library	Ms. Marion Herrington	200 S. Hanselman St.		Bad Axe	MI	48413
Bingham Twp.	Mr. Donald Wright	1879 W. Main		Ubly	MI	48475
Bloomfield Twp.	Mr. Matt Booms	3310 Parisville Rd.		Port Hope	MI	48468
Brookfield Twp.	Mr. Charles Timmons	6968 Rescue Rd.		Owendale	MI	48756
Caseville Twp.	Mr. Larry Degg	6767 Main St.	PO Box 519	Caseville	MI	48725
Chandler Twp.	Mr. William Renn	6206 Campbell Rd.		Pigeon	MI	48755
Colfax Township	Mr. David Howard	177 Barrie Rd.		Bad Axe	MI	48413
Delaware Township	Mr. Michael Meissner	7979 Maple Grove Rd.		Minden City	MI	48456
Department of Enviromental Quality	Ms. Christina Miller	Solid Waste Planning Consitution Hall, 4 South	525 W. Allegan	Lansing	MI	48933
Dwight Twp.	Mr. Ron Yaroch	6818 Hellems Rd.		Port Austin	MI	48467
Elmwood Township	Township Supervisor	6437 South St.		Gagetown	MI	48735
Fairhaven Twp.	Mr. Orin J. Engelhardt	9546 Kilmanagh Rd.		Sebewaing	MI	48759
Gore Twp.	Mr. Dan Koglin	6819 E. Kinde Rd.		Port Hope	MI	48468
Grant Twp.	Mr. Michael Mandich	4888 Maxwell Rd.		Gagetown	MI	48735
Greenleaf Township	Mr. Kirk Winter	2971 Huron Line Rd.		Cass City	MI	48726
Harbor Beach Area District Library	Ms. Vicki Mazure	105 N. Huron Ave.		Harbor Beach	MI	48441
Hume Twp.	Mr. Jim Roland	2475 Port Austin Rd.		Port Austin	MI	48467
Huron County Commissioner	Mr. Clark Elfman	250 E. Huron Ave.		Bad Axe	MI	48413
Huron Twp.	Mr William Haas	4327 Stoddard Rd.		Port Austin	MI	48467
Lake Twp.	Mr. Robert T. Smith	P.O. Box 429		Caseville	MI	48725
Lincoln Twp.	Mr. Melvin Drake	4650 Hellems Rd.		Kinde	MI	48445
McKinley Twp.	Mrs. Linda Beyer	7755 Campbell Rd.		Bay Port	MI	48720
Meade Twp.	Mr. Delbert Hyzer	3121 Lackie Rd.		Filion	MI	48445
Minden Township	Mr. Terry O'Connor	1585 First St.		Minden City	MI	48456
Oliver Twp.	Mr. Lawrence Krohn	4190 Richardson Rd.		Elkton	MI	48731
Paris Twp.	Mr. Ron Smalley	3860 Maurer Rd.		Ubly	MI	48475
Pigeon District Library	Ms. Jeanette Bach	7236 Nitz St.		Pigeon	MI	48755
Pointe Aux Barques Twp.	Mr. Clayton Purdy, Jr.	1840 Cliff Rd.		Port Austin	MI	48467
Port Austin Township Library	Ms. Mary Jaworski	114 Railroad St.		Port Austin	MI	48467
Port Austin Twp.	Ms. Darcie Finan	PO Box 440		Port Austin	MI	48467
Rubicon Twp.	Mr. Robert Oeschger	3840 Ruppel Rd.		Port Hope	MI	48468
Sand Beach Twp.	Mr. Wade Mazure	6573 Learman Rd.		Harbor Beach	MI	48441
Sanilac County Administrator	Ms. Kathy Dorman	60 W. Sanilac Ave.		Sandusky	MI	48471
Sebewaing Township Library	Ms. Margo Bonini	41 N. Center St.		Sebewaing	MI	48759
Sebewaing Twp.	Mr. Willet Oeschger	3825 Caro Rd.		Sebewaing	MI	48759
Sheridan Twp.	Mr. Donald Heleski	2685 W. Atwater Rd.		Ubly	MI	48475
Sherman Twp.	Mr. Leo Emming	3951 Eppenbrock Rd.		Ruth	MI	48470
Sigel Twp.	Mr. Richard Maurer	2027 S. Parisville		Ruth	MI	48470

Sleeper Public Library	Ms. Barbara Butch	2236 Main St.	Ubyly	MI	48475
Tuscola County	Mr. Mike Hoagland	207 E. Grant St.	Caro	MI	748723
Verona Twp.	Mr. Carl Rader	1830 N. Hellems Rd.	Bad Axe	MI	48413
Winsor Twp.	Mr. John P. Kohr	7076 Charles St.	Pigeon	MI	48755
Wisner Township	Township Supervisor	7894 M-25	Akron	MI	48701

---



September 18, 2013

«Contact»  
«Company»  
«Address\_1»  
«Address\_2»  
«City», «State» «Zip»

To Whom It May Concern:

The Huron County Solid Waste Planning Committee has approved an amendment to the Huron County Solid Waste Plan. The committee is redoing the 90 day public comment period for the amendment. The public comment review period is October 1, 2013 to January 3, 2014. As a county, township or interested party you are receiving a copy of the amendment. You may send your comments to the Huron County EDC Office at 250 E. Huron Ave. #303, Bad Axe, MI 48413 or call us at 989.269.6431.

A public hearing will be held on November 5, 2013 at the above address if you would like to bring your comments about the amendment to the hearing from 10:00 a.m. to Noon.

Sincerely,

Laura A. Tyll  
Office Manager

Dent  
9/18/13

## Huron County Solid Waste Management Plan

Amendment: 2011-01

This amendment will serve to provide the required ten (10) years of landfill capacity for the residents of Huron County.

Richfield Management, L.L.C. operators of the landfill located at 4151 S. McMillan, Bad Axe, MI 48413 have indicated that the current landfill has approximately six (6) years of capacity left based on current solid waste flows going to the facility. In order to meet the required minimum ten (10) year capacity requirements Richfield Management has requested a plan amendment to be allowed to purchase an additional 40 acres of property to be used for additional landfill space. Based upon current projections, this added space will provide an additional twenty (20) years capacity to the McTaggart Road facility. (See attached survey and legal description for exact location: Attachment #1)

The construction of the landfill will remain consistent with the current design of the landfill and meet all of the State of Michigan requirements. (see attachment for additional details: Attachment #2)

The Huron County Solid Waste Advisory Committee finds that this request is consistent with the intent of the Committee to provide for ten years of landfill capacity for the residents of Huron County and for the efficient operation of the landfill here by:

Recommend to the Huron County Board of Commissioners that they approve the plan amendment and provide communication to all of the local units of government in the county that the requested amendment is consistent with the goals of the plan and request approval of the amendment.

**CERTIFICATE OF SURVEY**  
PART OF THE N.W. 1/4 OF SECTION 22, T15N-R12E,  
SHERIDAN TOWNSHIP, HURON COUNTY, MICHIGAN.

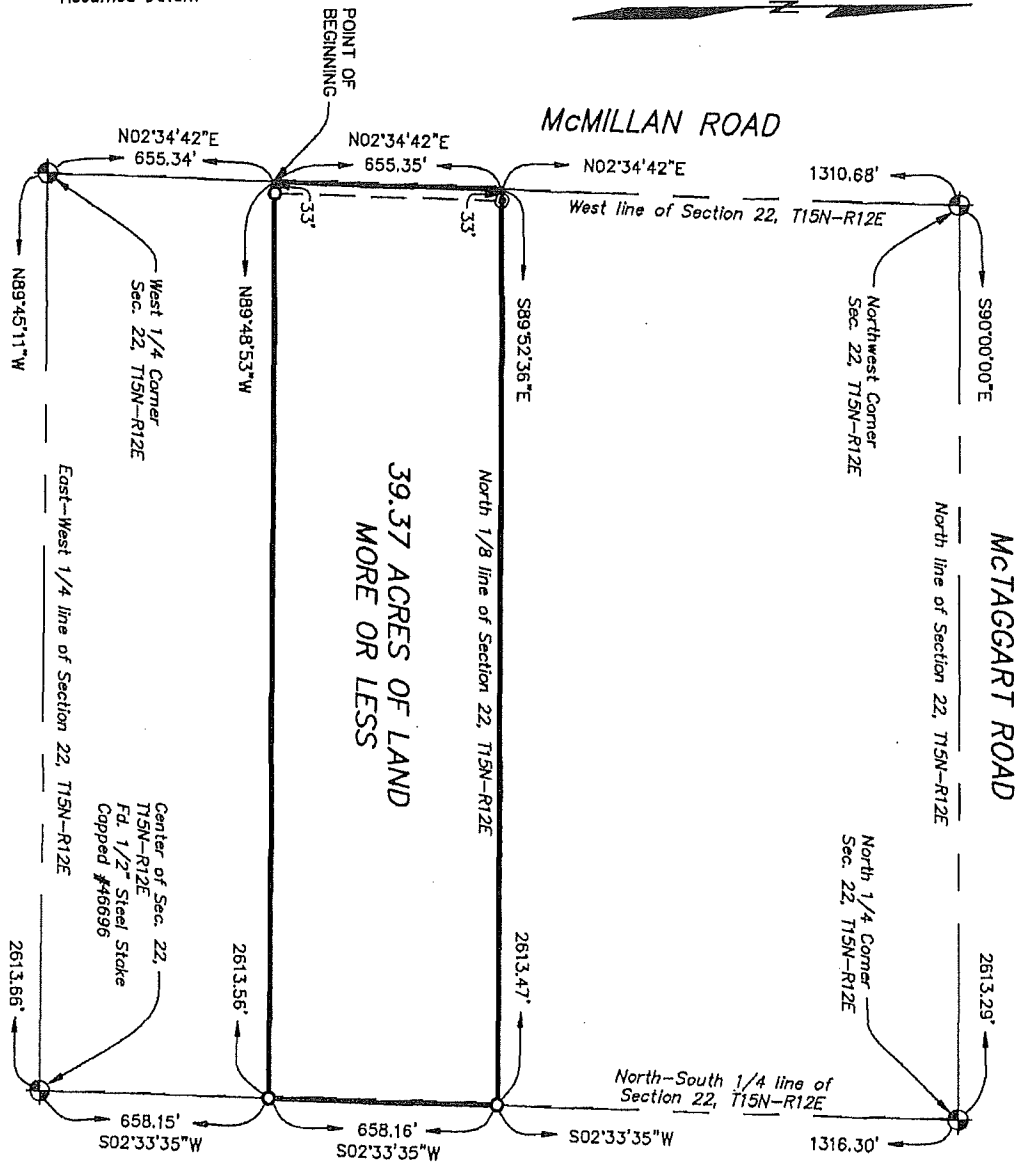
CLIENT:  
RICHFIELD MANAGEMENT  
4151 S. McMILLAN RD.  
BAD AXE, MI 48413

PROJECT No.  
2011-6549

BY:  
STIVERSON & ASSOCIATES, INC.  
255 EAST HURON AVE.  
BAD AXE, MI 48413  
989-269-2201

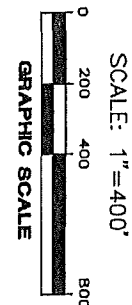
NOTE:  
○ = 1/2" x 18" STEEL STAKE SET  
⊙ = STEEL STAKE FOUND

\*Bearings are based on an  
Assumed Datum\*



\*\*\*  
I hereby certify that I have surveyed and mapped the above described  
parcel of land; that the error of closure is no greater than 1 in 5000;  
and that said survey is in full compliance with Section 3, of Act 132,  
P.A. of 1970.  
\*\*\*

RUSSELL L. BROWN P.S. #24588  
MARCH 7, 2011  
SHEET 1 OF 2 SHEET(S)



**CERTIFICATE OF SURVEY**  
PART OF THE N.W. 1/4 OF SECTION 22, T15N-R12E,  
SHERIDAN TOWNSHIP, HURON COUNTY, MICHIGAN.

CLIENT:  
RICHFIELD MANAGEMENT  
4151 S. McMILLAN RD.  
BAD AXE, MI 48413

PROJECT No.  
2011-6549

BY:  
STIVERSON & ASSOCIATES, INC.  
255 EAST HURON AVE.  
BAD AXE, MI 48413  
989-269-2201

**DESCRIPTION:**

Commencing at the West 1/4 Corner of Section 22, T15N-R12E, Sheridan Township, Huron County, Michigan; thence N02°34'42"E 655.34 feet along the West line of said Section 22 to the Point of Beginning; RUNNING THENCE N02°34'42"E 655.35 feet along the West line of said Section 22; thence S89°52'36"E 2613.47 feet along the North 1/8 line of said Section 22; thence S02°33'35"W 658.16 feet along the North-South 1/4 line of said Section 22; thence N89°48'53"W 2613.56 feet to the Point of Beginning. Being a part of the Northwest 1/4 of Section 22, T15N-R12E, Sheridan Township, Huron County, Michigan and containing 39.37 acres of land more or less. Subject to easements and rights of way of record.

*Northwest Corner of Section 22, T15N-R12E*

*Found 5/8" Steel Stake*

**WITNESSES:**

*N45°E 48.24' to a Spike & Tag N.W. side of a Wood Post.*

*N70°E 90.82' to a Spike in the S. side of a Wood Post.*

*S45°W 39.41' to a Stop Sign Post.*

*S45°E 46.31' to the face of a Steel Fence Post.*

*North 1/4 Corner of Section 22, T15N-R12E*

*Found 1" Pipe*

**WITNESSES:**

*South 33.47' to the face of a Steel Fence Post.*

*S70°W 78.62' to a Spike & Tag N. side of P.P.*

*N45°W 35.84' to a Mag Nail S.W. side of a Wood Post.*

*N70°W 69.57' to a Mag Nail S. side of a Wood Post.*

*West 1/4 Corner of Section 22, T15N-R12E*

*Found 1/2" Steel Stake in Mon. Box*

**WITNESSES:**

*N55°W 14.58' to a 1/2" Steel Stake.*

*S45°W 19.90' to a 1/2" Steel Stake.*

*N35°E 39.03' to a 1/2" Steel Stake.*

*East 50.90' to a Spike & Tag N. side of P.P.*

\* \* \*

\* \* \*

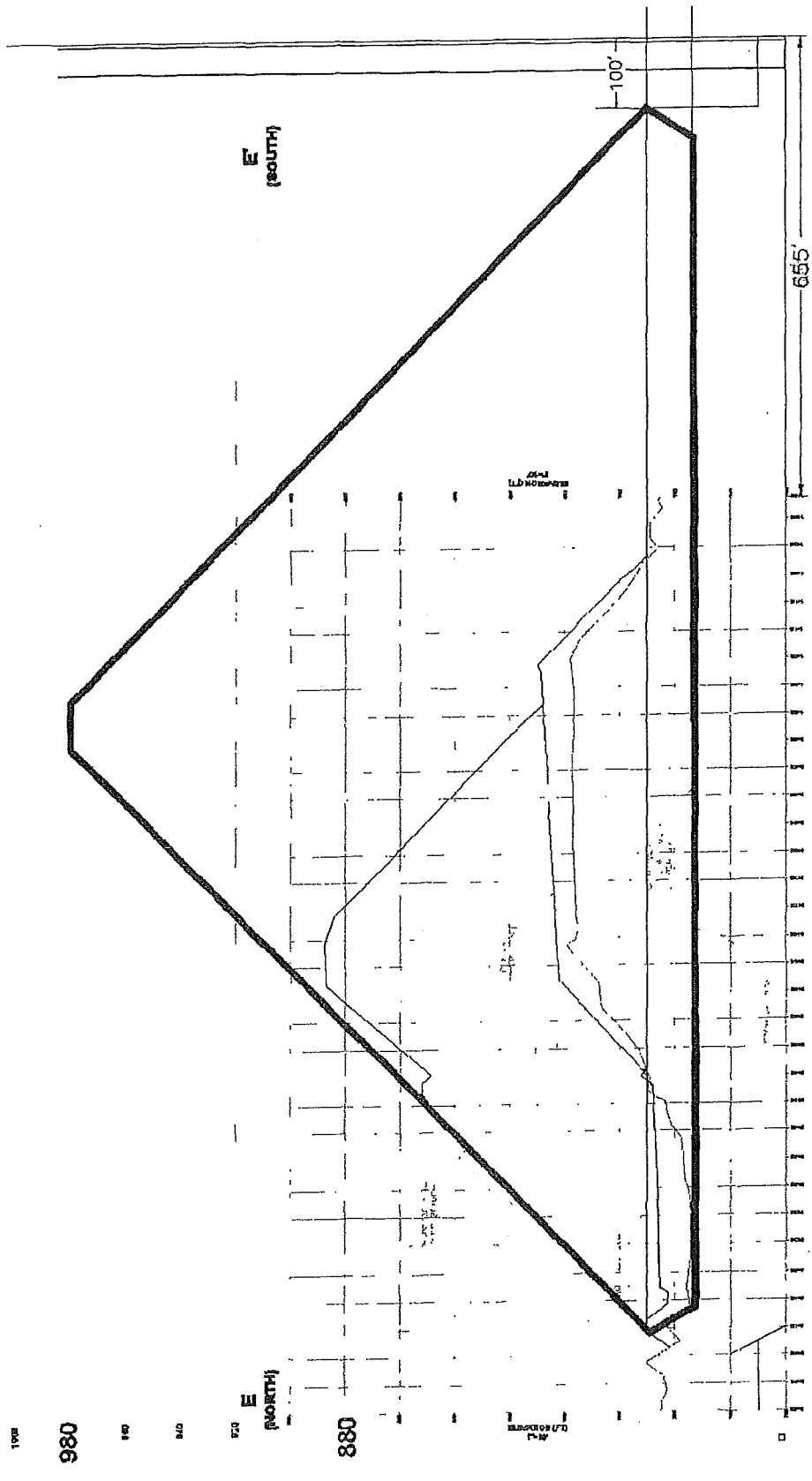
\* \* \*

I hereby certify that I have surveyed and mapped the above described parcel of land; that the error of closure is no greater than 1 in 5000; and that said survey is in full compliance with Section 3, of Act 132, P.A. of 1970.

RUSSELL L. BROWN      P.S. #24588  
MARCH 7, 2011  
SHEET 2 OF 2 SHEET(S)



**Huron County Solid Waste Planning Committee**  
**May 17, 2011**





RICK SNYDER  
GOVERNOR

STATE OF MICHIGAN  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
LANSING



DAN WYANT  
DIRECTOR

November 22, 2013

Ms. Laura A. Tyll, Office Manager  
Huron County Economic Development Corp.  
250 East Huron Avenue, Room 303  
Bad Axe, Michigan 48413

Dear Ms. Tyll:

SUBJECT: 2013 Huron County Solid Waste Management Plan Amendment

The Department of Environmental Quality (DEQ), received and reviewed the documentation provided by the Huron County Economic Development Corp. for the draft 2013 Huron County Solid Waste Management Plan (Plan) Amendment 90-day public comment period beginning October 1, 2013.

The Plan Amendment does not reference the proper landfill name or owner; it should state Huron Landfill instead of Richfield Management, L.L.C. Further, please make sure to change all Plan Amendment documents to the proper facility name including providing a new survey of the facility. Also, to alleviate any confusion it would be beneficial to make a blanket name change for the entire Plan with amendment language similar to, "all references to Richfield Landfill or Cove landfill will be changed to Huron Landfill."

Furthermore, the map included in the Amendment states, "Heleski Property 40 Acres +/-"; as stated above, the map reflect have the proper facility owner as well as the actual property acreage and not include "+/-".

The Plan Amendment, as submitted, is not complete and does not contain all the necessary pages for the purpose stated in the Amendment summary sheet. It appears that the County intended to allow Richfield Management, L.L.C, or based on the proper facility owner, Huron Landfill, to expand its facility located at 4151 South McMillan in Bad Axe, Michigan. The Amendment should include the following items in order to allow Huron Landfill to automatically expand its facility within the newly purchased 40 acres.

Include an updated facility description page found on pages II-3 and III-7 of the Plan, to revise the "Total area sited for use" acreage and amend the Siting Review Procedure found on page III-20. Specifically, paragraph two and the "Existing Facility Siting Criteria" under the Siting Criteria and Process section, should be replaced with language that states; that the additional 40 acres acquired at the facility located at 4151 Soth McMillan, Bad Axe, Michigan, is deemed automatically consistent with, and included in the Plan. It is

recommended that an updated facility map be included that shows the 40 acres authorized for expansion.

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

Sincerely,

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

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

cc: Mr. Carl Osentoski, Huron County  
Ms. Rhonda S. Oyer, DEQ  
Huron County File



## Laura Tyll

---

**From:** Miller, Christina (DEQ) [MILLERC1@michigan.gov]  
**Sent:** Wednesday, December 18, 2013 2:18 PM  
**To:** Laura Tyll  
**Subject:** RE: Revised amendment

Laura,

I have a few comments for the above referenced amendment:

- 1) ~~the last paragraph in the cover letter references an amendment to page II-7; however it should be page III-7.~~ C
- 2) Also, to alleviate any confusion I recommend adding page references to the survey and site maps. Then on page III-20, Siting Criteria and Process, you can reference these documents specifically.

I have forwarded your amendment to the District staff for their comments as well. If I receive any I will forward those as well.

Thanks,

### Christina Miller

Solid Waste Planning, Reporting and Surcharge Coordinator  
Office of Waste Management and Radiological Protection  
Department of Environmental Quality

Constitution Hall  
South  
525 West Allegan  
Lansing, MI 48933

(517) 284-6587\* (Please note that my number has recently changed.)  
(517) 373-4051 fax

---

**From:** Laura Tyll [mailto:laura@huroncounty.com]  
**Sent:** Tuesday, December 17, 2013 12:06 PM  
**To:** Miller, Christina (DEQ)  
**Subject:** Revised amendment

Christina – how does this look? Anything I missed from your findings, thanks.

*Laura Tyll*

Huron County EDC  
250 E. Huron Ave. #303  
Bad Axe, MI 48413  
989.269.6431  
[laura@huroncounty.com](mailto:laura@huroncounty.com)

Follow us on



# LAKE TOWNSHIP

Huron County, Michigan

www.laketownship.net

P.O. Box 429

Oshtemo, Michigan 48869-0429

Ph: 517-486-4111

Fax: 517-486-4110

December 27, 2013

**Sent via Facsimile Transmittal to 989.269.8209**

Huron County Economic Development Co  
250 Huron Ave.- Rm. 303  
Bad Axe, Mi. 48413

Re: Huron County Solid Waste Plan Amendment


To Whom It May Concern:

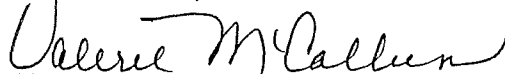
I am writing on behalf of our Township Board. We are disappointed with the proposed expansion of the current landfill. We reviewed the history of the present landfill and discovered that the last expansion approved in the late 90's was going to last at least 20 years, and that has not held true. We know that this world has become more concerned about its environment to make it safe for coming generations. Too many have polluted with no consideration to the future.

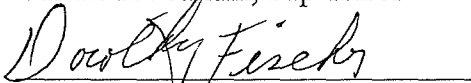
We are, like most Americans, disappointed to hear that Canadian waste will be dumped in America, let alone at this site, and would want to see a change that eliminates any further Canadian trash in our county. (Ironically, Canadians don't want their own waste, and don't want to build more landfills either.) On another note, we want to see a wider recycling plan that could possibly include creating more drop-off sites with large drop-off bins for disposing of plastics, paper, cardboard, glass, and metals in local communities. It would raise awareness and help our citizens participate in the recycling program, as well as cut down on dump waste. Discussion of building an incinerator came into our conversation as we have noted other communities trying to resolve their waste problems too. We are aware that it would be very expensive to develop and wondered if several counties might not work together for the development of a mutual site? It would provide new jobs in the area, and in the long run, provide a permanent and efficient disposal system while also providing an alternative source of renewable energy and cutting down on land usage. Has your committee discussed capturing methane gas that develops from the mulching waste to recycle into alternative energy?


Perhaps we aren't able to change the addition of the landfill area now, but we need to begin conversation for the future years. We are concerned about the proposed expansion of our current landfill without looking into alternatives. We are concerned about the future of our water ways including ground waters. We are making every effort to take care of this area that we have chosen to live in and hope that our children, and those yet to come, will be able to look back and see that we not only agreed in cleaning up the environment, but acted responsibly and took action to be better caretakers of their future as well as our own.

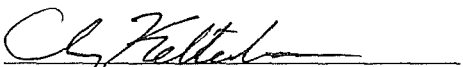
Signed by the Lake Township Board of Trustees...

  
Claren Russell, Clerk

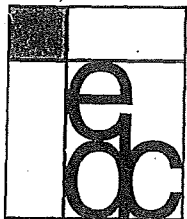
  
Valerie McCallum, Supervisor

  
Dorothy Fischer, Treasurer

  
Dale Hartsell, Trustee

  
Clay Kelterborn, Trustee

cc: Huron County Board of Commissioners



## HURON COUNTY ECONOMIC DEVELOPMENT CORP.

January 21, 2014

Ms. Val McCallum  
Lake Township Supervisor  
PO Box 429  
Caseville, MI 48725

Dear Supervisor McCallum:

I would like to thank you for your letter dated December 27, 2013 concerning the Huron County Solid Waste Plan Amendment. I apologize for the delay in responding to the concerns expressed in the letter from the township.

As noted in the letter there is always the chance for Canadian waste to be land filled in the United States and the landfill in Sheridan Township. This issue has been the subject of law suits, not related to this landfill, but others in Michigan. It was the determination of the federal courts that this issue is regulated by the federal government via treaties with Canada. In addition, due to the federal control of interstate commerce, there is little that we could do to control waste from other states. We have received word from the current owners of the landfill that they have not received waste from Canada since 2009. While this does not guarantee any future activity it is a good indicator of future trends.

Also in your letter, you mention the opportunity to develop a waste to energy facility similar to other communities in the state. This is where geography, logistics and financing come into play. There have been some very informal discussions on this topic. The issue is, Huron County is at the end of peninsula with a very small population. In order to get the volume of waste required to adequately feed such a facility it would need to be located much farther south in the region. In addition, the cost to construct, operate and maintain such a facility is prohibitive for a rural county or even several counties. With the constraints on budgets that local units face, this is an option that is currently not open to us. That is not to rule out dramatic changes in future technologies etc., which might once again make it a subject we might consider for the region.

Anaerobic digesters have been a subject of much study in the county and region. The particular application was directed at our agricultural community, but might be applicable to other situations. The issue is the development equation and the cost. First in order to adequately cover the cost of development there needs to be in place a power purchase agreement. The work that we have seen requires a fairly high value on the power purchase agreement with any of the utilities refusing to pay what is needed to make it economically viable. In addition, there needs to be a long term commitment of the feed stock to justify the investment in the facility and many of the people we have talked to do not want to extend a contract for up to 20 years. This type of effort also considered something that the private sector should lead on, and not something that local government should head up.

Composting has also been discussed in various aspects. Again, the cost factor is an issue when this is evaluated. The location, type of waste, volume of waste, management and operation of the facility is a

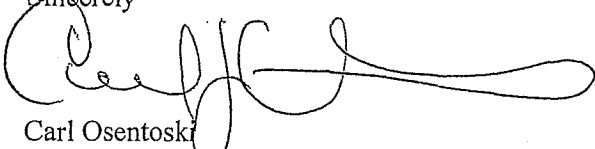
Lake Township Letter – Page Two  
1/21/2014

difficult set of issues to make work at a reasonable cost. Again, this is an issue there has been much debate on who should lead the effort, the public sector or private. Please be assured there will be ongoing discussions on the issue of composting. As federal, state and local regulations change and as the market for the composted materials changes we will be monitoring how this might impact any local efforts to move forward on the issue.

To achieve zero waste to a land fill is extremely difficult. We have seen several private companies accomplish this by internal mandate for a limited number of locations. When we look at the number of cities, villages and townships, the number of local citizens impacted it becomes much more difficult. It is always a goal but a very complex one that requires ongoing work and discussions at many, many levels.

We appreciate your input on the waste management issues affecting our communities. We will continue to work on the various issues outlined in your letter now and into the future.

Sincerely

A handwritten signature in black ink, appearing to read 'Carl Osentoski', with a long horizontal flourish extending to the right.

Carl Osentoski  
Huron County Economic Development Corporation  
Solid Waste Advisory Committee Coordinator



**Public Hearing – November 5<sup>th</sup>, 2013 – 10 a.m. to Noon**  
**Solid Waste Planning Amendment**

**AGENDA**

1. Call To Order
2. Public/Businesses in Attendance
3. Discussion

11/5/13 Solid waste public hearing

**SIGN IN SHEET – Please Print Clearly**

[illegible]



Minutes – November 5<sup>th</sup>, 2013 10 a.m. to Noon

Public Hearing for the Huron County Solid Waste Advisory Committee Plan Modification for the Emterra expansion request.

The public hearing was opened at 10 a.m. on November 5, 2013 at the Huron County EDC office located at 250 E. Huron Ave, Room 303 in Bad Axe, Michigan.

Attending: Angelo Caramagno-EmTerra; Peter Miletich-Huron Landfill Corp; John Walker-Huron Landfill Corp.; Emmie Leung-EmTerra and Huron County Commissioner Dave Peruski. Also in attendance were Carl Osentoski and Laura Tyll – Huron County EDC.

Carl Osentoski, Solid Waste Planning Coordinator for Huron County opened the public hearing with a brief explanation of the process to date, the current status and the future process to complete the plan modification.

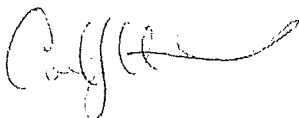
Commissioner David Peruski, whose district includes Sheridan Township, host to the landfill asked about the status of the sale of the property that is subject to the requested expansion of the landfill. Emterra representatives indicated that the sale was complete and that Emterra owned the 40 acres.

Commissioner Peruski then inquired about the status of tipping fee payments and taxes, which had been an issue with previous ownership. Emterra representatives indicated that all payments were current.

Commissioner Peruski then asked about the methane gas capture and if that was in future plans. Emterra representatives explained that at the current size is too small to have a methane capture system, but once the new 40 acres is added and filled the landfill would be required to manage the methane. It would be at that time that the possible addition of a power generation facility using methane might be considered, but it is some time away and regulations could change. Any efforts with this topic would be done in consultation with the county and state agencies.

Commissioner Peruski asked if it might be possible to tour the landfill. Emterra representatives said that now was the perfect time since they are working on cell construction and it would give local leaders a chance to understand how the landfill is constructed and how it operates. Mr. Peruski thought that the Huron Board of Commissioners and the Sheridan Township board should be invited.

Public hearing was closed at 12 noon with no additional public comments.



---

Carl J. Osentoski, Acting Secretary



## Solid Waste Planning Committee – 14 members

### Solid Waste Management Industry – 4 members

5/17 1/8/14

Angelo Caramagno	EmTerra	1606 E. Webster Rd.	Flint, MI 48505		<a href="mailto:angelo.caramagno@emterrausa.com">angelo.caramagno@emterrausa.com</a>	-	X
Peter Miletich	Richfield Management	1606 E. Webster Rd.	Flint, MI 48505		<a href="mailto:peter.miletich@emterrausa.com">peter.miletich@emterrausa.com</a>	X	X
Diane Leppek	Sheridan Township	1723 W. Popple Rd.	Bad Axe, MI 48413	269.8717	<a href="mailto:dianeleppek@speednetllc.com">dianeleppek@speednetllc.com</a>	X	X
John Walker	Huron Landfill Corp.	4151 S. McMillan Rd.	Bad Axe, MI 48413	658.2594	<a href="mailto:John.walker@huronlandfill.com">John.walker@huronlandfill.com</a>	-	X

### Environmental Interest Groups – 2 members

Phil Dast		11888 Myers Rd.	Sebewaing, MI 48759	989.883.3926	<a href="mailto:phldast@yahoo.com">phldast@yahoo.com</a>	X	A
Rhonda Wisenbaugh	Thumb Industries	1263 Sand Beach Rd.	Bad Axe, MI 48413	269.9229	<a href="mailto:thumbindustries@hotmail.com">thumbindustries@hotmail.com</a>	A	A

### County Government – 1 member

Steve Vaughan	Huron County Commissioner	250 E. Huron Ave.	Bad Axe, MI 48413	269.8242	<a href="mailto:vaughansteve@live.com">vaughansteve@live.com</a>	X	X
---------------	---------------------------	-------------------	-------------------	----------	--	---	---

### City Government – 1 member

Dale VanDeVusse	City of Bad Axe	300 E. Huron Ave.	Bad Axe, MI 48413	269.7681	<a href="mailto:dalevandevusse@cityofbadaxe.com">dalevandevusse@cityofbadaxe.com</a>	A	A
-----------------	-----------------	-------------------	-------------------	----------	--	---	---

### Township Government – 1 member

Joe Trepkoski	Bingham Township Clerk	2241 Pierce St.	Udly, MI 48475	658.8651	<a href="mailto:jnetrep@echoicemi.com">jnetrep@echoicemi.com</a>	X	A
---------------	------------------------	-----------------	----------------	----------	--	---	---

### Regional Solid Waste Planning Agency – 1 member

Sue Fortune	EMCOG	3144 Davenport	Saginaw, MI 48602	989.797.0800	<a href="mailto:sfortune@emcog.org">sfortune@emcog.org</a>	A	A
-------------	-------	----------------	-------------------	--------------	--	---	---

### Industrial Waste Generators – 1 member

Daniel Lanfear	Dow AgroSciences	305 N. Huron Ave.	Harbor Beach, MI 48441	479.5285	<a href="mailto:dblanfear@dow.com">dblanfear@dow.com</a>	X	A
----------------	------------------	-------------------	------------------------	----------	--	---	---

### General Public – 3 members

Ted Leipprandt		575 Camelot Lane	Pigeon, MI 48755	989.453.2856	<a href="mailto:tedpeg@avci.net">tedpeg@avci.net</a>	A	A
Jeff Krohn	Northern Thumb Crop Consulting	5434 Richardson Rd.	Elkton, MI 48731	989.375.4224	<a href="mailto:jskrohn@airadvantage.net">jskrohn@airadvantage.net</a>	X	A
Dave Swenson		PO Box 1346	Caseville, MI 48725		<a href="mailto:dswenson@greeresourcesredu.com">dswenson@greeresourcesredu.com</a>	X	A

### Others

Steve Allen	Huron County Corporate Counsel	250 E. Huron Ave.	Bad Axe, MI 48413	269.8242	<a href="mailto:allens@co.huron.mi.us">allens@co.huron.mi.us</a>	X	X
Carl Osentoski	Huron County EDC	250 E. Huron Ave. #303	Bad Axe, MI 48413	989.269.6431	<a href="mailto:Carl@huroncounty.com">Carl@huroncounty.com</a>	X	X
Don Heleski	Sheridan Twp. Supervisor	2685 W. Atwater Rd.	Udly, MI 48475	658.8030	<a href="mailto:dkheleski@hotmail.com">dkheleski@hotmail.com</a>	X	A
Tip McGuire	Huron County Health Dept.	1142 S. Van Dyke	Bad Axe, MI 48413	269.9721	<a href="mailto:tmacguire@hchd.us">tmacguire@hchd.us</a>	A	A
Dave Peruski	Huron County Commissioner	250 E. Huron Ave. #305	Bad Axe, MI 48413	269.8242	<a href="mailto:dperuski@sbcglobal.net">dperuski@sbcglobal.net</a>	A	X
Jodi Essenmacher	Huron County Board of Commissioners	250 E. Huron Ave. #305	Bad Axe, MI 48413	269.8242	<a href="mailto:essenmacherj@co.huron.mi.us">essenmacherj@co.huron.mi.us</a>	A	X
Laura Tyll	Huron County EDC	250 E. Huron Ave. #303	Bad Axe, MI 48413	269.6431	<a href="mailto:laura@huroncounty.com">laura@huroncounty.com</a>	--	X

Huron County Solid Waste Management Planning Committee

---

January 8, 2014 – 5:30 p.m.

Huron County Building, 250 E. Huron Ave., Room 305, Bad Axe, MI 48413

Meeting was called to order by Carl Osentoski, Executive Director of the Huron County Economic Development Corporation which has been designated by the County Board of Commissioners as the designated solid waste planning entity.

Present – Angelo Caramagno, Peter Miletich, Diane Leppek, John Walker, Steve Vaughan, Carl Osentoski, Jodi Essenmacher, Laura Tyll.

Absent – Phil Dast, Rhonda Wisenbaugh, Dale VanDeVusse, Joe Treposki, Sue Fortune, Daniel Lanfear. Ted Leipprandt, Jeff Krohn, Dave Swenson.

Osentoski provided information on why the amendment process needed to be redone, the EDC office did not designate a full 30 days public notice as required by the DEQ's statutes. Discussion held.

After the full 90 days public comment for this amendment process – 2 public comments were received, one from DEQ, and the changes were made as requested by DEQ to the attached amendment. The other was a letter from Lake Township asking the committee to look into other remedies like recycling, incinerator, or methane gas digesters. After discussion, the committee asked Osentoski to respond to Lake Twp's letter.

The attached resolution was presented to the committee to approve the amendment, Miletich noted that Huron Landfill should be Huron Landfill Corp. this will be corrected before forwarding unto the Commissioners.

A motion was made by Vaughan, and supported by Leppek to approve the resolution. Motion carried.

Having no further business, the committee adjourned at 5:43 p.m.

## RESOLUTION

WE, the Solid Waste Planning Committee, respectfully beg leave to submit the following resolution for your consideration:

WHEREAS, the Huron County Solid Waste Planning Committee are charged with providing for the health and safety of the residents of Huron County; and

WHEREAS, the Huron County Solid Waste Planning Committee, as part of that responsibility, understand that providing for the safe collection and removal of solid waste is part of that obligation; and

WHEREAS, the Huron County Board of Commissioners has appointed the Huron County Solid Waste Advisory Committee to provide guidance and assistance in the development of the Solid Waste Plan for the county; and

WHEREAS, the Solid Waste Advisory Committee has received a request from Huron Landfill Corp. to expand the existing landfill by an additional 40 acres; and

WHEREAS, the Solid Waste Advisory Committee reviewed the request, had subsequent discussions and reviewed the materials provided by Huron Landfill Corp., and as required by the Michigan Department of Environmental Quality submitted the request to all of the local legislative bodies for consideration and approval; and

WHEREAS, this complies with the Michigan Department of Environmental Quality's requirements; now

THEREFORE, BE IT RESOLVED that the Huron County Solid Waste Planning Committee hereby accepts and approves the requested expansion and forwards this recommendation to the Board of Commissioners for their approval and further,

THEREFORE, BE IT RESOLVED that following the Board of Commissioners review, will forward this recommendation to all Huron County Townships, Cities and Villages for a required 67% approval and, then forward to the Michigan Department of Environmental Quality for their review and concurrence.

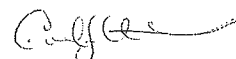
Motion made by Committee member Vaughan and supported by Committee member Leppek.  
Motion carried.

Ayes: Caramagno, Miletich, Walker, Vaughan, and Leppek.

Nayes: None

Absent: Dast, Wisenbaugh, VanDeVusse, Trepkoski, Fortune, Lanfear, Leipprandt, Krohn, and Swenson.

I hereby certify that the foregoing constitutes a true and complete copy of a resolution adopted by the Solid Waste Planning Committee at a special meeting held on January 8, 2014.



Carl J. Osentoski, Secretary  
Dated: January 8, 2014

# LAKE TOWNSHIP

Huron County, Michigan

[www.laketownship.net](http://www.laketownship.net)

P.O. Box 429

Caseville, Michigan 48725 0429

989 256 4617

Fax: 989 856 9719

December 27, 2013

**Sent via Facsimile Transmittal to 989.269.8209**

Huron County Economic Development Co

250 Huron Ave.- Rm. 303

Bad Axe, Mi. 48413

Re: Huron County Solid Waste Plan Amendment

To Whom It May Concern:

I am writing on behalf of our Township Board. We are disappointed with the proposed expansion of the current landfill. We reviewed the history of the present landfill and discovered that the last expansion approved in the late 90's was going to last at least 20 years, and that has not held true. We know that this world has become more concerned about its environment to make it safe for coming generations. Too many have polluted with no consideration to the future.

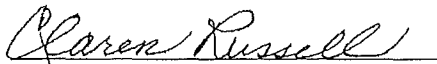
We are, like most Americans, disappointed to hear that Canadian waste will be dumped in America, let alone at this site, and would want to see a change that eliminates any further Canadian trash in our county. (Ironically, Canadians don't want their own waste, and don't want to build more landfills either.) On another note, we want to see a wider recycling plan that could possibly include creating more drop-off sites with large drop-off bins for disposing of plastics, paper, cardboard, glass and metals in local communities. It would raise awareness and help our citizens participate in the recycling program, as well as cut down on dump waste. Discussion of building an incinerator came into our conversation as we have noted other communities trying to resolve their waste problems too. We are aware that it would be very expensive to develop and wondered if several counties might not work together for the development of a mutual site? It would provide new jobs in the area, and in the long run, provide a permanent and efficient disposal system while also providing an alternative source of renewable energy and cutting down on land usage. Has your committee discussed capturing methane gas that develops from the mulching waste to recycle into alternative energy?

Located at 4988 W. Kinde Road

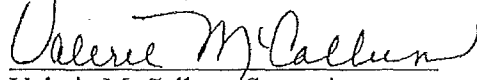
Township Office Hours Monday -- Friday 10:00 A.M. -- 2:00 P.M.

Perhaps we aren't able to change the addition of the landfill area now, but we need to begin conversation for the future years. We are concerned about the proposed expansion of our current landfill without looking into alternatives. We are concerned about the future of our water ways including ground waters. We are making every effort to take care of this area that we have chosen to live in and hope that our children, and those yet to come, will be able to look back and see that we not only agreed in cleaning up the environment, but acted responsibly and took action to be better caretakers of their future as well as our own.

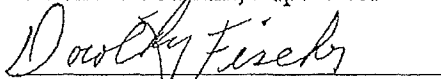
Signed by the Lake Township Board of Trustees...



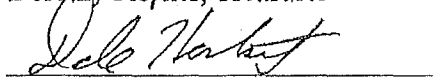
Claren Russell, Clerk



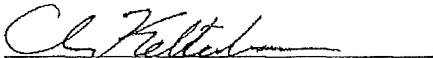
Valerie McCallum, Supervisor



Dorothy Fischer, Treasurer



Dale Hartsell, Trustee



Clay Kelterborn, Trustee

cc: Huron County Board of Commissioners

## **Huron County Solid Waste Management Plan Amendment**

Amendment: 2011-01

This amendment will serve to provide the required ten (10) years of landfill capacity for the residents of Huron County.

Huron Landfill Corp. operators of the landfill located at 4151 S. McMillan, Bad Axe, MI 48413 have indicated that the current landfill has approximately six (6) years of capacity left based on current solid waste flows going to the facility. In order to meet the required minimum ten (10) year capacity requirements Huron Landfill has requested a plan amendment to be allowed to purchase an additional 40 acres of property to be used for additional landfill space. Based upon current projections, this added space will provide an additional twenty (20) years capacity to the Landfill facility. (See attached survey and legal description for exact location: Attachment #1)

The construction of the landfill will remain consistent with the current design of the landfill and meet all of the State of Michigan requirements. (see attachment for additional details: Attachment #2)

The Huron County Solid Waste Advisory Committee finds that this request is consistent with the intent of the Committee to provide for ten years of landfill capacity for the residents of Huron County and for the efficient operation of the landfill here by:

Recommend to the Huron County Board of Commissioners that they approve the plan amendment and provide communication to all of the local units of government in the county that the requested amendment is consistent with the goals of the plan and request approval of the amendment.

Furthermore, "all references to Richfield Landfill or Cove Landfill will be changed to Huron Landfill Corp."

Amended, Pages II-3, III-7 and III-20 of the Huron County Solid Waste Management Plan 1999. (see attachment #3).

Dated: 1/8/2014



# CERTIFICATE OF SURVEY

PART OF THE N.W. 1/4 OF SECTION 22, T15N-R12E,  
SHERIDAN TOWNSHIP, HURON COUNTY, MICHIGAN.

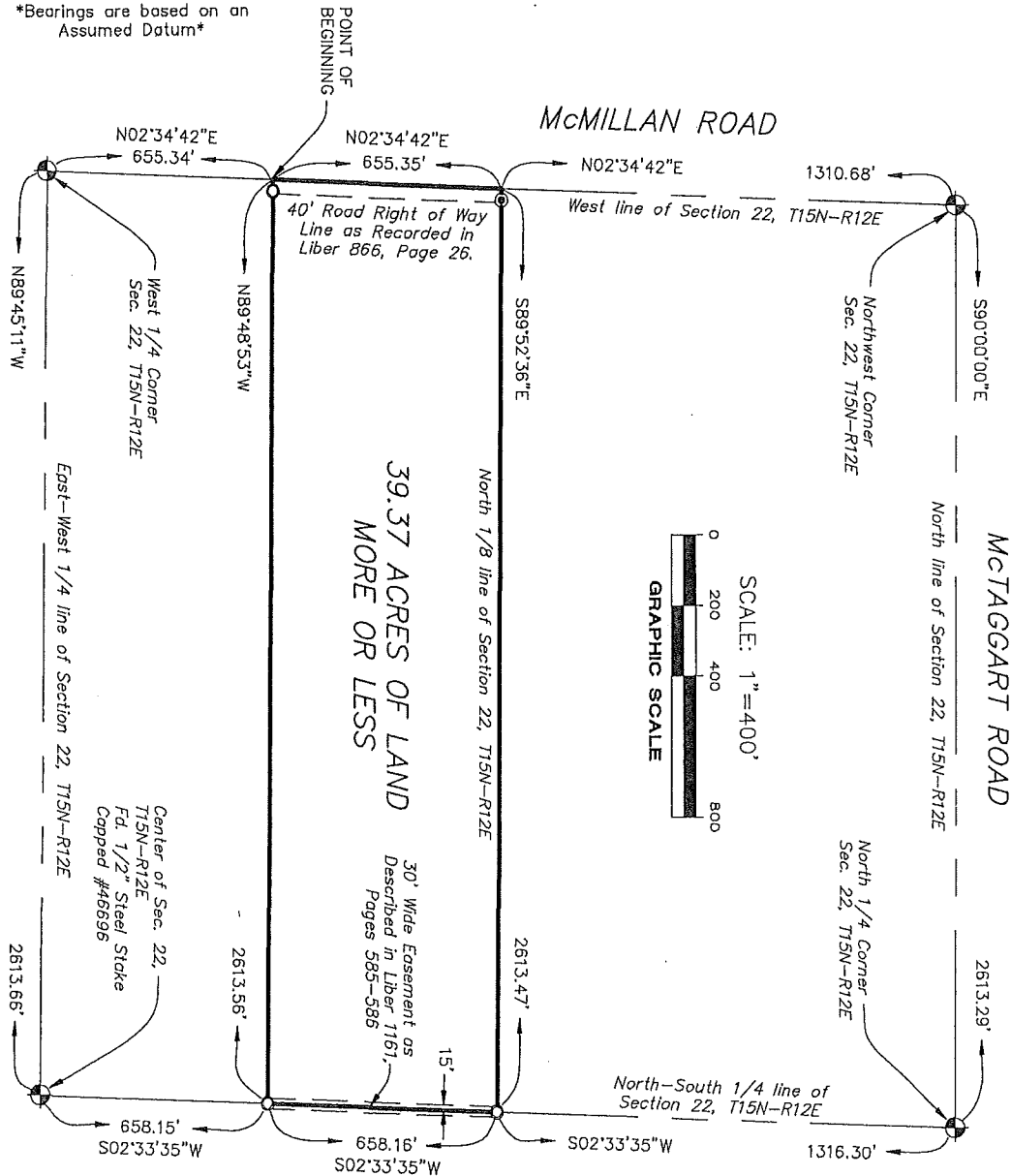
CLIENT:  
HURON LANDFILL CORP.  
4151 S. McMILLAN ROAD  
BAD AXE, MI 48413

PROJECT No.  
2012-6714

BY:  
STIVERSON & ASSOCIATES, INC.  
255 EAST HURON AVE.  
BAD AXE, MI 48413  
989-269-2201

NOTE:  
○ = 1/2" x 18" STEEL STAKE SET  
⊙ = STEEL STAKE FOUND

\*Bearings are based on an  
Assumed Datum\*



I hereby certify to "Investors Title Insurance Company", "United Title Agency", "Comerica Bank", and "Bad Axe Property Corp." that I have surveyed and mapped the above described parcel of land; that the error of closure is no greater than 1 in 5000; and that said survey is in full compliance with Section 3, of Act 132, P.A. of 1970.

*Benjamin D. Tank*

BENJAMIN D. TANK P.S. #57884  
NOVEMBER 1, 2012  
SHEET 1 OF 2 SHEET(S)



*CERTIFICATE OF SURVEY*  
PART OF THE N.W. 1/4 OF SECTION 22, T15N-R12E,  
SHERIDAN TOWNSHIP, HURON COUNTY, MICHIGAN.

CLIENT:  
HURON LANDFILL CORP.  
4151 S. McMILLAN ROAD  
BAD AXE, MI 48413

PROJECT No.  
2012-6714

BY:  
STIVERSON & ASSOCIATES, INC.  
255 EAST HURON AVE.  
BAD AXE, MI 48413  
989-269-2201

DESCRIPTION:

Commencing at the West 1/4 Corner of Section 22, T15N-R12E, Sheridan Township, Huron County, Michigan; thence N02°34'42"E 655.34 feet along the West line of said Section 22 to the Point of Beginning; RUNNING THENCE N02°34'42"E 655.35 feet along the West line of said Section 22; thence S89°52'36"E 2613.47 feet along the North 1/8 line of said Section 22; thence S02°33'35"W 658.16 feet along the North-South 1/4 line of said Section 22; thence N89°48'53"W 2613.56 feet to the Point of Beginning. Being a part of the Northwest 1/4 of Section 22, T15N-R12E, Sheridan Township, Huron County, Michigan and containing 39.37 acres of land more or less. Subject to easements and rights of way of record.

*Northwest Corner of Section 22, T15N-R12E*

*Found 5/8" Steel Stake*

*WITNESSES:*

*N45°E 48.24' to a Spike & Tag N.W. side of a Wood Post.*

*N70°E 90.82' to a Spike in the S. side of a Wood Post.*

*S45°W 39.41' to a Stop Sign Post.*

*S45°E 46.31' to the face of a Steel Fence Post.*

*North 1/4 Corner of Section 22, T15N-R12E*

*Found 1" Pipe*

*WITNESSES:*

*South 33.47' to the face of a Steel Fence Post.*

*S70°W 78.62' to a Spike & Tag N. side of P.P.*

*N45°W 35.84' to a Mag Nail S.W. side of a Wood Post.*

*N70°W 69.57' to a Mag Nail S. side of a Wood Post.*

*West 1/4 Corner of Section 22, T15N-R12E*

*Found 1/2" Steel Stake in Mon. Box*

*WITNESSES:*

*N55°W 14.58' to a 1/2" Steel Stake.*

*S45°W 19.90' to a 1/2" Steel Stake.*

*N35°E 39.03' to a 1/2" Steel Stake.*

*East 50.90' to a Spike & Tag N. side of P.P.*

SCHEDULE B - SECTION II EXCEPTIONS:

Per Investors Title Insurance Company, Commitment Number: 20838-1012T

- (4) Well Agreement as recited in Warranty Deed recorded in Liber 315 of Deeds, Page 329. (NOT PLOTTABLE)
- (5) Mutual Drainage Agreement recorded in Liber 248 of Deeds, Page 102. (NOT PLOTTABLE)
- (6) Right of Way Easement for Highway Purposes to the Huron County Road Commission recorded in Liber 866 Huron County Records, Page 26. (PLOTTED ON SURVEY)
- (7) Easement to Richfield Equities, LLC recorded in Liber 1161 Huron County Records, Page 585. (PLOTTED ON SURVEY)
- (8) Terms and conditions of Farmland Development Rights Agreement as recorded in Liber 1405 Huron County Records, page 768. (NOT PLOTTABLE) - (BLANKET ENCUMBRANCE)
- (9) Terms and conditions of Farmland Development Rights Agreement as recorded in Liber 1405 Huron County Records, page 770. (NOT PLOTTABLE) - (BLANKET ENCUMBRANCE)

\* \* \*

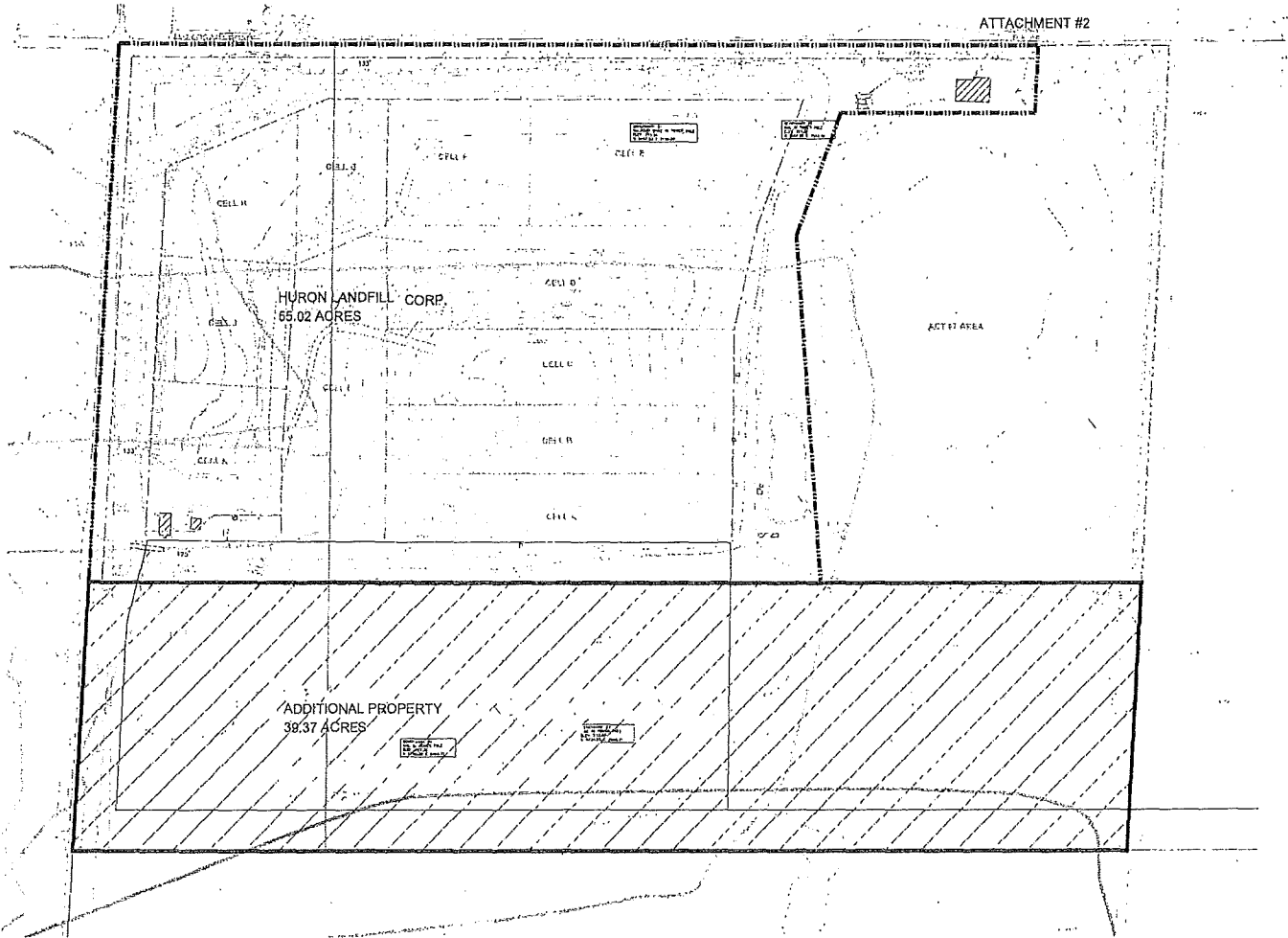
I hereby certify to "Investors Title Insurance Company", "United Title Agency", "Comerica Bank", and "Bad Axe Property Corp." that I have surveyed and mapped the above described parcel of land; that the error of closure is no greater than 1 in 5000; and that said survey is in full compliance with Section 3, of Act 132, P.A. of 1970.

*Benjamin D. Tank*

BENJAMIN D. TANK P.S. #57884  
NOVEMBER 1, 2012  
SHEET 2 OF 2 SHEET(S)



ATTACHMENT #2



1002

980

860

840

820

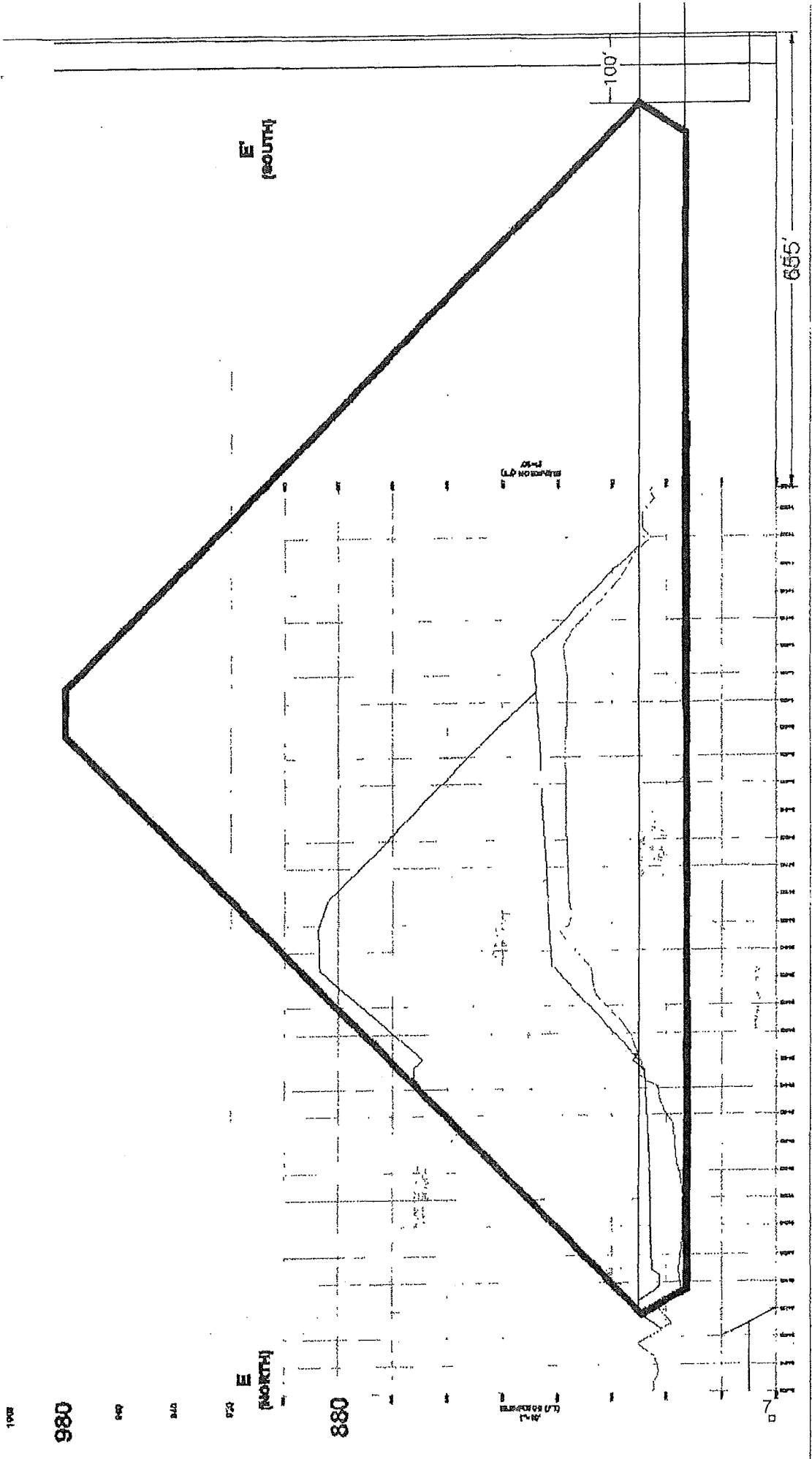
E  
[south]

880

20.1  
[L.1. 80.000000]

100'

655'



# DATABASE

## DATA BASE

### FACILITY DESCRIPTIONS

Facility Type: Type II Landfill

Facility Name: Huron Landfill Corp.

County: Huron Location: Sheridan Town: 15N Range: 12E Section(s): 22

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: N.A.

Public ☐ Private ☒ Owner: Huron Landfill Corp.

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

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

#### Site Size:

Total area of facility property: 92.77 acres

Total area sited for use: 81.17 acres

Total area permitted:

Operating: 6.84 acres

Not excavated: 0 acres

Current capacity: 1,150,000 yds<sup>3</sup>

Estimated lifetime: 11\* years

Estimated days open per year: 290 days

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

(if applicable)

Annual energy production:

Landfill gas recovery projects: N.A. megawatts

Waste-to-energy incinerators: N.A. megawatts

\*Based on existing 500' setbacks

## SELECTED SYSTEM

### FACILITY DESCRIPTIONS

Facility Type: Type II Landfill

Facility Name: Huron Landfill Corp.

County: Huron Location: Sheridan Town: 15N Range: 12E Section(s): 22

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: N.A.

Public ☐ Private ☒ Owner: Huron Landfill Corp.

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

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

#### Site Size:

Total area of facility property: 92.77 acres

Total area sited for use: 81.17 acres

Total area permitted:

Operating: 6.84 acres

Not excavated: 0 acres

Current capacity: 1,150,000 yds<sup>3</sup>

Estimated lifetime: 11\* years

Estimated days open per year: 290 days

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

(if applicable)

Annual energy production:

Landfill gas recovery projects: N.A. megawatts

Waste-to-energy incinerators: N.A. megawatts

\*Based on existing 500' setbacks.

SELECTED SYSTEM  
**SITING REVIEW PROCEDURES**

**AUTHORIZED DISPOSAL AREA TYPES**

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

New Sanitary Landfill, Transfer Station, Processing Plant, Solid Waste incinerator or any other type of waste disposal system other than what specifically mentioned, allowed for and in place at the time of this plan's approval.

**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. This section presents all of Huron County's siting criteria for the existing Type II landfill in the County.

Huron County criteria includes that the additional up to 40 acres acquired as shown on the attached updated facility map in this amendment at 4151 South McMillan, Bad Axe, MI 48413, is deemed automatically consistent with, and included in the plan. (Facility Map is Page 6 of the packet at the bottom of the page)

**EXISTING FACILITY SITING CRITERIA**





**RESOLUTION**

To: The Honorable Board of Commissioners  
Huron County  
Michigan

WE, the AGENCIES COMMITTEE, respectfully beg leave to submit the following resolution for your consideration:

WHEREAS, the Huron County Solid Waste Planning Committee are charged with providing for the health and safety of the residents of Huron County; and

WHEREAS, the Huron County Solid Waste Planning Committee, as part of that responsibility, understand that providing for the safe collection and removal of solid waste is part of that obligation; and

WHEREAS, the Huron County Board of Commissioners has appointed the Huron County Solid Waste Advisory Committee to provide guidance and assistance in the development of the Solid Waste Plan for the county; and

WHEREAS, the Solid Waste Advisory Committee has received a request from Huron Landfill Corp. to expand the existing landfill by an additional 40 acres; and

WHEREAS, the Solid Waste Advisory Committee reviewed the request, had subsequent discussions and reviewed the materials provided by Huron Landfill Corp., and as required by the Michigan Department of Environmental Quality submitted the request to all of the local legislative bodies for consideration and approval; and

WHEREAS, this complies with the Michigan Department of Environmental Quality's requirements; now

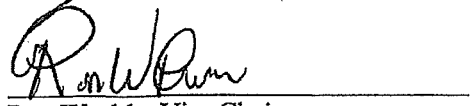
THEREFORE, BE IT RESOLVED that the Huron County Board of Commissioners hereby accepts and approves the requested expansion as recommended by the Huron County Solid Waste Advisory Committee; and

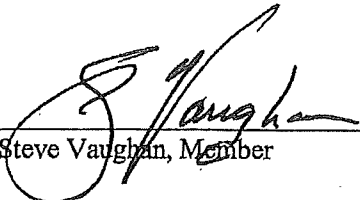
BE IT FURTHER RESOLVED that upon approval by 67% of Huron County townships, the amendment package will be forwarded to Michigan Department of Environmental Quality for their review and concurrence.

Respectfully submitted,

AGENCIES COMMITTEE

  
Jeremy Tietz, Chairman

  
Ron Wruble, Vice Chairman

  
Steve Vaughan, Member

Dated: January 14, 2014

Roll Call Vote:

Tietz	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	Absent	<input type="checkbox"/>
Peruski	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	Absent	<input type="checkbox"/>
Elftman	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	Absent	<input type="checkbox"/>
Vaughan	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	Absent	<input type="checkbox"/>

Bodis	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	Absent	<input type="checkbox"/>
Wruble	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	Absent	<input type="checkbox"/>
Nugent	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	Absent	<input type="checkbox"/>

January 15, 2014

XXX  
XXx  
XXx  
XXX

Dear XXX:

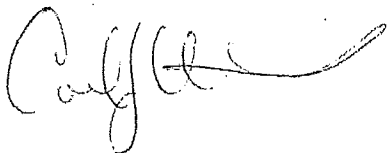
This letter is in reference to solid waste management planning in Huron County, MI. A plan amendment has been presented to the Huron County Solid Waste Planning Committee, and was approved by the committee on January 8, 2014. The amendment was then presented to the Huron County Board of Commissioners at their regular board meeting on January 14, 2014, this was also approved.

At this time, the Huron County Solid Waste Management Plan Committee requests that you put the enclosed proposed Plan Amendment Resolution on the agenda of your next regular board meeting. The Plan Amendment requires 67% approval by local municipalities, at which time it will be forwarded to the DEQ for final approval.

The Solid Waste Management Planning Committee and Huron County Board of Commissioners urge Sheridan Township to approve this Plan Amendment in a timely manner. **Our local deadline is to have all municipalities vote on the plan amendment by March 31, 2014 which provides you with approximately 10 weeks for processing from the time you receive this packet.** If this deadline is not achievable by your municipality, please let us know.

If you have questions or comments of this Plan Amendment, please contact me at the Huron County EDC office, 989.269.6431. With your assistance, the SWMP Committee looks forward to the successful and timely completion of the Huron County Solid Waste Management Plan Amendment.

Sincerely,



Carl J. Osentoski, Executive Director  
Huron County Economic Development Corp.  
Designated Planning Agency for Huron County Solid Waste

Enc: 1 copy Solid Waste Management Plan Amendment  
1 copy Plan Approval Resolution

RESOLUTION

TO: THE HONORABLE BOARD OF COMMISSIONERS  
HURON COUNTY  
MICHIGAN

SAMPLE

WE, of Village of Owendale, respectfully beg leave to submit the following resolution for your consideration.

WHEREAS, the Huron County Board of Commissioners and its representatives on the Huron County Solid Waste Planning Committee are responsible for the preparation of a solid waste management plan for the county, and all amendments to the plan; and

WHEREAS, this plan must conform to State of Michigan, Part 115 of 1994 Public Act as amended and monitored by the Department of Environmental Quality; and

WHEREAS, in addition to State requirements, the Solid Waste Management Plan Committee has prepared a Plan Amendment that best represents the needs of the residents of Sheridan Township and Huron County, including environmental responsibility and economic feasibility; and

WHEREAS, the Huron County Board of Commissioners has presented this Plan Amendment to us for review and vote.

THEREFORE BE IT, RESOLVED, that Village of Owendale does hereby approve the above referenced Solid Waste Management Plan Amendment as presented.

Respectfully Submitted,

Village of Owendale

\_\_\_\_\_  
Name Title

\_\_\_\_\_  
Name Title

Dated: \_\_\_\_\_

Ayes:

Nays:

Municipality	Pkg. sent 1/14/14	Vote		Rec'd	Contact us with questions-Noted Here Comments	Meeting Dates/Vote
		Yes	No			
Bingham Twp.	X	Y			Passed 2/12/14	2/12/14
Bloomfield Twp.	X					2/3 or 3/3/14
Brookfield Twp.	X		N		Not approved 2/10/14	2/10/14
Caseville Twp.	X	Y			Passed 2/3/14	2/3/14
Chandler Twp.	X	Y				2/3/14
Colfax Twp.	X	Y			Passed 2/11/14	2/12/14
Dwight Twp.	X	Y			Passed 2/4/14	2/4/14
Fair Haven Twp.	X					2/20/14
Gore Twp.	X					March
Grant Twp.	X	Y			Passed 2/3/14	2/3/14
Hume Twp.	X		N		Not approved 1/20/14	1/20/14
Huron Twp.	X	Y			Passed 1/20/14	1/20/14
Lake Twp.	X					1/20/14
Lincoln Twp.	X	Y				2/10/14
McKinley Twp.	X	Y			Passed 2/14/14	2/12/14
Meade Twp.	X	Y			Passed 2/11/14	2/11/14
Oliver Twp.	X	Y			Passed 2/4/14	2/4/14
Paris Twp.	X	Y			Passed 1/27/14	1/27/14
Pointe Aux Barques Twp.	X					
Port Austin Twp.	X	Y				1/20/14
Rubicon Twp.	X					1/20 or 2/17/14
Sand Beach Twp.	X	Y			Passed 2/12/14	2/12/14
Sebewaing Twp.	X	Y				2/4/14
Sheridan Twp.	X	Y			Passed 1/20/14	1/20/14
Sherman Twp.	X	Y			Passed 2/11/14	2/11/14
Sigel Twp.	X	Y			Passed 2/17/14	1/20/14
Verona Twp.	X	Y				2/5/14
Winsor Twp.	X	Y			Passed 2/4/14	2/4/14
City of Bad Axe	X	Y			Passed 1/21/14	1/20/14
City of Harbor Beach	X	Y			Passed 2/3/14	1/20/14
City of Caseville	X	Y			Passed 3/10/14	2/10/14
Village of Elkton	X	Y			Passed 2/11/14	2/11/14
Village of Kinde	X	Y			Passed 2/10/14	2/10/14
Village of Owendale	X	Y			Passed 2/11/14	2/11/14
Village of Pigeon	X	Y			Passed 1/20/14	1/20/14
Village of Port Austin	X	Y				2/10/14
Village of Port Hope	X					2/10/14
Village of Sebewaing	X		N		Not Approved 1/20/14	
Village of Ubley	X	Y			Passed 3/6/14	2/6/14

39 total need 67% need 27

29 - Yes as of 3/12/14

RESOLUTION

TO: THE HONORABLE BOARD OF COMMISSIONERS  
HURON COUNTY  
MICHIGAN

WE, of Bingham Twp., respectfully beg leave to submit the following resolution for your consideration.

WHEREAS, the Huron County Board of Commissioners and its representatives on the Huron County Solid Waste Planning Committee are responsible for the preparation of a solid waste management plan for the county, and all amendments to the plan; and

WHEREAS, this plan must conform to State of Michigan, Part 115 of 1994 Public Act as amended and monitored by the Department of Environmental Quality; and

WHEREAS, in addition to State requirements, the Solid Waste Management Plan Committee has prepared a Plan Amendment that best represents the needs of the residents of Bingham Twp. and Huron County, including environmental responsibility and economic feasibility; and

WHEREAS, the Huron County Board of Commissioners has presented this Plan Amendment to us for review and vote.

THEREFORE BE IT, RESOLVED, that Bingham Twp. does hereby approve the above referenced Solid Waste Management Plan Amendment as presented.

Respectfully Submitted,

Bingham Twp.

Harold Knight Supervisor  
Name Title

[Signature] Clerk  
Name Title

Dated: 2-12-14

Ayes: 5

Nays: 0

RESOLUTION 02-10-2014A

TO: THE HONORABLE BOARD OF COMMISSIONERS  
HURON COUNTY  
MICHIGAN

WE, of Brookfield Twp., respectfully beg leave to submit the following resolution for your consideration.

WHEREAS, the Huron County Board of Commissioners and its representatives on the Huron County Solid Waste Planning Committee are responsible for the preparation of a solid waste management plan for the county, and all amendments to the plan; and

WHEREAS, this plan must conform to State of Michigan, Part 115 of 1994 Public Act as amended and monitored by the Department of Environmental Quality; and

WHEREAS, in addition to State requirements, the Solid Waste Management Plan Committee has prepared a Plan Amendment that best represents the needs of the residents of Brookfield Twp. and Huron County, including environmental responsibility and economic feasibility; and

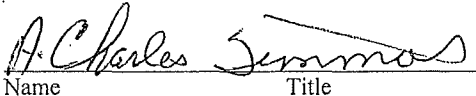
WHEREAS, the Huron County Board of Commissioners has presented this Plan Amendment to us for review and vote.

THEREFORE BE IT, RESOLVED, that Brookfield Twp. does hereby approve the above referenced Solid Waste Management Plan Amendment as presented.

Respectfully Submitted,

Brookfield Twp.

  
Name Title *CLERK*

  
Name Title *Supervisor*

Dated: 2/10/2014

Ayes: *TIMMONS, DRASCHIL*

Nays: *LORENCZ, NALEY*

*ABSTAIN W.B. STER*

**CASEVILLE TOWNSHIP, HURON COUNTY  
RESOLUTION TO AMEND THE HURON COUNTY SOLID WASTE  
MANAGEMENT PLAN  
RESOLUTION 2014 -06**

WHEREAS: the Huron County Board of Commissioners and its representatives on the Huron County Solid Waste Planning Committee are responsible for the preparation of a solid waste management plan for the County, and all amendments to the plan, and

WHEREAS, this plan must conform to the State of Michigan, Part 115 of 1994 Public Acts as amended and monitored by the Department of Environmental Quality, and,

WHEREAS, in addition to State requirements, the Solid Waste Management Plan Committee has prepared a Plan Amendment that best represents the needs of the residents of Caseville Township and Huron County, including environmental responsibility and economic feasibility, and

WHEREAS, the Huron County Board of Commissioners has presented this Plan Amendment for review and vote.

THEREFORE BE IT SO RESOLVED that the Caseville Township Board does hereby approve the above referenced Solid Waste Management Plan Amendment as presented.

RESOLUTION BY: Laurie Marrocco

RESOLUTION SECOND BY: Vicki Dufty

Ayes: Larry Degg, Michelle Stirrett, Vicki Dufty, Fred Busch., Laurie Marrocco

Nays: None

Absent: None

Resolution declared adopted this 3<sup>rd</sup> day of February, 2014.

I hereby declare that this is a true and complete copy of a resolution passed by the Caseville Township Board at a Regular meeting held on Monday, February 3, 2014.



Michelle Stirrett  
Caseville Township Clerk



TO: THE HONORABLE BOARD OF COMMISSIONERS  
HURON COUNTY  
MICHIGAN

WE, of Chandler Twp., respectfully beg leave to submit the following resolution for your consideration.

WHEREAS, the Huron County Board of Commissioners and its representatives on the Huron County Solid Waste Planning Committee are responsible for the preparation of a solid waste management plan for the county, and all amendments to the plan; and

WHEREAS, this plan must conform to State of Michigan, Part 115 of 1994 Public Act as amended and monitored by the Department of Environmental Quality; and

WHEREAS, in addition to State requirements, the Solid Waste Management Plan Committee has prepared a Plan Amendment that best represents the needs of the residents of Chandler Twp. and Huron County, including environmental responsibility and economic feasibility; and

WHEREAS, the Huron County Board of Commissioners has presented this Plan Amendment to us for review and vote.

THEREFORE BE IT, RESOLVED, that Chandler Twp. does hereby approve the above referenced Solid Waste Management Plan Amendment as presented.

Respectfully Submitted,

Chandler Twp.

William J. Smith SUPERVISOR  
Name Title

Ken Roedel clerk  
Name Title

Dated: FEB. 3 2014

Ayes: 4

Nays: 1

## RESOLUTION

TO: THE HONORABLE BOARD OF COMMISSIONERS  
HURON COUNTY  
MICHIGAN

WE, of Colfax Township, respectfully beg leave to submit the following resolution for your consideration.

WHEREAS, the Huron County Board of Commissioners and its representatives on the Huron County Solid Waste Planning Committee are responsible for the preparation of a solid waste management plan for the county, and all amendments to the plan; and

WHEREAS, this plan must conform to State of Michigan, Part 115 of 1994 Public Act as amended and monitored by the Department of Environmental Quality; and

WHEREAS, in addition to State requirements, the Solid Waste Management Plan Committee has prepared a Plan Amendment that best represents the needs of the residents of Colfax Township and Huron County, including environmental responsibility and economic feasibility; and

WHEREAS, the Huron County Board of Commissioners has presented this Plan Amendment to us for review and vote.

THEREFORE BE IT, RESOLVED, that Colfax Township does hereby approve the above referenced Solid Waste Management Plan Amendment as presented.

Respectfully Submitted,

Colfax Township

Name

Title

Name

Title

Dated: 2-11-2014

Ayes: Gordon, Howard, Smith, Stroschein

Nays: Ritter

## RESOLUTION

TO: THE HONORABLE BOARD OF COMMISSIONERS  
HURON COUNTY  
MICHIGAN

WE, of Dwight Twp., respectfully beg leave to submit the following resolution for your consideration.

WHEREAS, the Huron County Board of Commissioners and its representatives on the Huron County Solid Waste Planning Committee are responsible for the preparation of a solid waste management plan for the county, and all amendments to the plan; and

WHEREAS, this plan must conform to State of Michigan, Part 115 of 1994 Public Act as amended and monitored by the Department of Environmental Quality; and

WHEREAS, in addition to State requirements, the Solid Waste Management Plan Committee has prepared a Plan Amendment that best represents the needs of the residents of Dwight Twp. and Huron County, including environmental responsibility and economic feasibility; and

WHEREAS, the Huron County Board of Commissioners has presented this Plan Amendment to us for review and vote.

THEREFORE BE IT, RESOLVED, that Dwight Twp. does hereby approve the above referenced Solid Waste Management Plan Amendment as presented.

Respectfully Submitted,

Dwight Twp.

Ron Yarech      Supervisor  
Name                      Title

Roman Kozlowski      Club  
Name                      Title

Dated: Feb 4, 2014

Ayes: Yarech, Gottschalk, Kozlowski, Jaworski, Horn

Nays: None

## RESOLUTION

TO: THE HONORABLE BOARD OF COMMISSIONERS  
HURON COUNTY  
MICHIGAN

WE, of Grant Twp., respectfully beg leave to submit the following resolution for your consideration.

WHEREAS, the Huron County Board of Commissioners and its representatives on the Huron County Solid Waste Planning Committee are responsible for the preparation of a solid waste management plan for the county, and all amendments to the plan; and

WHEREAS, this plan must conform to State of Michigan, Part 115 of 1994 Public Act as amended and monitored by the Department of Environmental Quality; and


WHEREAS, in addition to State requirements, the Solid Waste Management Plan Committee has prepared a Plan Amendment that best represents the needs of the residents of Grant Twp. and Huron County, including environmental responsibility and economic feasibility; and

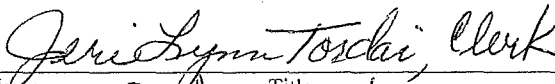
WHEREAS, the Huron County Board of Commissioners has presented this Plan Amendment to us for review and vote.

THEREFORE BE IT, RESOLVED, that Grant Twp. does hereby approve the above referenced Solid Waste Management Plan Amendment as presented.

Respectfully Submitted,

Grant Twp.

  
Name Title  
Michael Mandak Supervisor

  
Name Title  
Jeri Towds clerk

Dated: 2/3/14

Ayes: Sheldon, Towds, Irren

Nays: None

RESOLUTION

TO: THE HONORABLE BOARD OF COMMISSIONERS  
HURON COUNTY  
MICHIGAN

WE, of Hume Twp., respectfully beg leave to submit the following resolution for your consideration.

WHEREAS, the Huron County Board of Commissioners and its representatives on the Huron County Solid Waste Planning Committee are responsible for the preparation of a solid waste management plan for the county, and all amendments to the plan; and

WHEREAS, this plan must conform to State of Michigan, Part 115 of 1994 Public Act as amended and monitored by the Department of Environmental Quality; and

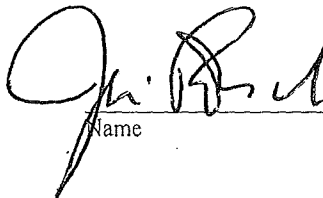
WHEREAS, in addition to State requirements, the Solid Waste Management Plan Committee has prepared a Plan Amendment that best represents the needs of the residents of Hume Twp. and Huron County, including environmental responsibility and economic feasibility; and

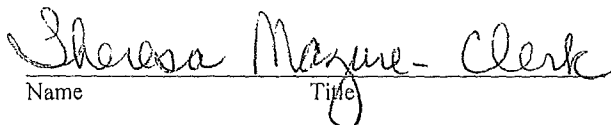
WHEREAS, the Huron County Board of Commissioners has presented this Plan Amendment to us for review and vote.

THEREFORE BE IT, RESOLVED, that Hume Twp. does hereby approve the above referenced Solid Waste Management Plan Amendment as presented.

Respectfully Submitted,

Hume Twp.

 - Supervisor  
Name Title

 - Clerk  
Name Title

Dated: 1-20-14

Ayes: none

Nays: Sam Meagher  
Mike Ruth  
Jim Roland  
Alice Craig  
Theresa Mazure

## RESOLUTION

TO: THE HONORABLE BOARD OF COMMISSIONERS  
HURON COUNTY  
MICHIGAN

WE, of Huron Twp., respectfully beg leave to submit the following resolution for your consideration.

WHEREAS, the Huron County Board of Commissioners and its representatives on the Huron County Solid Waste Planning Committee are responsible for the preparation of a solid waste management plan for the county, and all amendments to the plan; and

WHEREAS, this plan must conform to State of Michigan, Part 115 of 1994 Public Act as amended and monitored by the Department of Environmental Quality; and

WHEREAS, in addition to State requirements, the Solid Waste Management Plan Committee has prepared a Plan Amendment that best represents the needs of the residents of Huron Twp. and Huron County, including environmental responsibility and economic feasibility; and

WHEREAS, the Huron County Board of Commissioners has presented this Plan Amendment to us for review and vote.

THEREFORE BE IT, RESOLVED, that Huron Twp. does hereby approve the above referenced Solid Waste Management Plan Amendment as presented.

Respectfully Submitted,

Huron Twp.

Dein Gahn Clerk  
Name Title

Walter Haas Supervisor  
Name Title

Dated: 1/20/14

Ayes: Haas, Koglin, Timsey, Schave

Nays: Ø

## RESOLUTION

TO: THE HONORABLE BOARD OF COMMISSIONERS  
HURON COUNTY  
MICHIGAN

WE, of Lincoln Twp., respectfully beg leave to submit the following resolution for your consideration.

WHEREAS, the Huron County Board of Commissioners and its representatives on the Huron County Solid Waste Planning Committee are responsible for the preparation of a solid waste management plan for the county, and all amendments to the plan; and

WHEREAS, this plan must conform to State of Michigan, Part 115 of 1994 Public Act as amended and monitored by the Department of Environmental Quality; and

WHEREAS, in addition to State requirements, the Solid Waste Management Plan Committee has prepared a Plan Amendment that best represents the needs of the residents of Lincoln Twp. and Huron County, including environmental responsibility and economic feasibility; and

WHEREAS, the Huron County Board of Commissioners has presented this Plan Amendment to us for review and vote.

THEREFORE BE IT, RESOLVED, that Lincoln Twp. does hereby approve the above referenced Solid Waste Management Plan Amendment as presented.

Respectfully Submitted,

Lincoln Twp.

Melvin Duske, Supervisor  
Name Title

Erwin Karasik, Clerk  
Name Title

Dated: 2-10-2014

Ayes: 5

Nays: 0

## RESOLUTION

TO: THE HONORABLE BOARD OF COMMISSIONERS  
HURON COUNTY  
MICHIGAN

WE, of McKinley Twp., respectfully beg leave to submit the following resolution for your consideration.

WHEREAS, the Huron County Board of Commissioners and its representatives on the Huron County Solid Waste Planning Committee are responsible for the preparation of a solid waste management plan for the county, and all amendments to the plan; and

WHEREAS, this plan must conform to State of Michigan, Part 115 of 1994 Public Act as amended and monitored by the Department of Environmental Quality; and

WHEREAS, in addition to State requirements, the Solid Waste Management Plan Committee has prepared a Plan Amendment that best represents the needs of the residents of McKinley Twp. and Huron County, including environmental responsibility and economic feasibility; and

WHEREAS, the Huron County Board of Commissioners has presented this Plan Amendment to us for review and vote.

THEREFORE BE IT, RESOLVED, that McKinley Twp. does hereby approve the above referenced Solid Waste Management Plan Amendment as presented.

Respectfully Submitted,

McKinley Twp.

James H. Boyer, Supervisor  
Name Title

Michael Stevenson Clerk  
Name Title

Dated: 2-14-14

Ayes: 5

Nays: 0



## RESOLUTION

TO: THE HONORABLE BOARD OF COMMISSIONERS  
HURON COUNTY  
MICHIGAN

WE, of Meade Twp., respectfully beg leave to submit the following resolution for your consideration.

WHEREAS, the Huron County Board of Commissioners and its representatives on the Huron County Solid Waste Planning Committee are responsible for the preparation of a solid waste management plan for the county, and all amendments to the plan; and

WHEREAS, this plan must conform to State of Michigan, Part 115 of 1994 Public Act as amended and monitored by the Department of Environmental Quality; and

WHEREAS, in addition to State requirements, the Solid Waste Management Plan Committee has prepared a Plan Amendment that best represents the needs of the residents of Meade Twp. and Huron County, including environmental responsibility and economic feasibility; and

WHEREAS, the Huron County Board of Commissioners has presented this Plan Amendment to us for review and vote.

THEREFORE BE IT, RESOLVED, that Meade Twp. does hereby approve the above referenced Solid Waste Management Plan Amendment as presented.

Respectfully Submitted,

Meade Twp.

Benie Cyar Sponsor  
Name Title

Barbara Carpenter Treasurer  
Bobo John Trustee John Quattrone Trustee  
Donna Buford Clerk  
Name Title

Dated: February 11, 2014

Ayes: 5

Nays: 0

**RESOLUTION**

TO: THE HONORABLE BOARD OF COMMISSIONERS  
HURON COUNTY  
MICHIGAN

WE, of Oliver Twp., respectfully beg leave to submit the following resolution for your consideration.

WHEREAS, the Huron County Board of Commissioners and its representatives on the Huron County Solid Waste Planning Committee are responsible for the preparation of a solid waste management plan for the county, and all amendments to the plan; and

WHEREAS, this plan must conform to State of Michigan, Part 115 of 1994 Public Act as amended and monitored by the Department of Environmental Quality; and

WHEREAS, in addition to State requirements, the Solid Waste Management Plan Committee has prepared a Plan Amendment that best represents the needs of the residents of Oliver Twp. and Huron County, including environmental responsibility and economic feasibility; and

WHEREAS, the Huron County Board of Commissioners has presented this Plan Amendment to us for review and vote.

THEREFORE BE IT, RESOLVED, that Oliver Twp. does hereby approve the above referenced Solid Waste Management Plan Amendment as presented.

Respectfully Submitted,

Oliver Twp.

Lauren Krohn Supervisor  
Name Title

Robert D. Krohn Clerk  
Name Title

Dated: 2-4-2014

Ayes: 5

Nays: 0

## RESOLUTION

TO: THE HONORABLE BOARD OF COMMISSIONERS  
HURON COUNTY  
MICHIGAN

WE, of Paris Twp., respectfully beg leave to submit the following resolution for your consideration.

WHEREAS, the Huron County Board of Commissioners and its representatives on the Huron County Solid Waste Planning Committee are responsible for the preparation of a solid waste management plan for the county, and all amendments to the plan; and

WHEREAS, this plan must conform to State of Michigan, Part 115 of 1994 Public Act as amended and monitored by the Department of Environmental Quality; and

WHEREAS, in addition to State requirements, the Solid Waste Management Plan Committee has prepared a Plan Amendment that best represents the needs of the residents of Paris Twp. and Huron County, including environmental responsibility and economic feasibility; and

WHEREAS, the Huron County Board of Commissioners has presented this Plan Amendment to us for review and vote.

THEREFORE BE IT, RESOLVED, that Paris Twp. does hereby approve the above referenced Solid Waste Management Plan Amendment as presented.

Respectfully Submitted,

Paris Twp.

Ralph White      CLERK  
Name                      Title

Bonnie Smalley      Supervisor  
Name                      Title

Dated: 1/27/2014

Ayes: 4

Nays: 0

## RESOLUTION

TO: THE HONORABLE BOARD OF COMMISSIONERS  
HURON COUNTY  
MICHIGAN

WE, of Port Austin Twp., respectfully beg leave to submit the following resolution for your consideration.

WHEREAS, the Huron County Board of Commissioners and its representatives on the Huron County Solid Waste Planning Committee are responsible for the preparation of a solid waste management plan for the county, and all amendments to the plan; and

WHEREAS, this plan must conform to State of Michigan, Part 115 of 1994 Public Act as amended and monitored by the Department of Environmental Quality; and

WHEREAS, in addition to State requirements, the Solid Waste Management Plan Committee has prepared a Plan Amendment that best represents the needs of the residents of Port Austin Twp. and Huron County, including environmental responsibility and economic feasibility; and

WHEREAS, the Huron County Board of Commissioners has presented this Plan Amendment to us for review and vote.

THEREFORE BE IT, RESOLVED, that Port Austin Twp. does hereby approve the above referenced Solid Waste Management Plan Amendment as presented.

Respectfully Submitted,

Port Austin Twp.

  
Name Title Supervisor

  
Name Title Clerk

Dated: 2-18-14

Ayes: 5 Finan, Hubbard, Jodoin, Jimkoski, Kasper

Nays: 0

## RESOLUTION

TO: THE HONORABLE BOARD OF COMMISSIONERS  
HURON COUNTY  
MICHIGAN

WE, of Sand Beach Twp., respectfully beg leave to submit the following resolution for your consideration.

WHEREAS, the Huron County Board of Commissioners and its representatives on the Huron County Solid Waste Planning Committee are responsible for the preparation of a solid waste management plan for the county, and all amendments to the plan; and

WHEREAS, this plan must conform to State of Michigan, Part 115 of 1994 Public Act as amended and monitored by the Department of Environmental Quality; and

WHEREAS, in addition to State requirements, the Solid Waste Management Plan Committee has prepared a Plan Amendment that best represents the needs of the residents of Sand Beach Twp. and Huron County, including environmental responsibility and economic feasibility; and

WHEREAS, the Huron County Board of Commissioners has presented this Plan Amendment to us for review and vote.

THEREFORE BE IT, RESOLVED, that Sand Beach Twp. does hereby approve the above referenced Solid Waste Management Plan Amendment as presented.

Respectfully Submitted,

Sand Beach Twp.

Sandra Buchholz Chair  
Name Title

Wade R. Meyers Supervisor  
Name Title

Dated: 2-12-14

Ayes: 5

Nays: 0

RESOLUTION

TO: THE HONORABLE BOARD OF COMMISSIONERS  
HURON COUNTY  
MICHIGAN

WE, of Sebewaing Twp., respectfully beg leave to submit the following resolution for your consideration.

WHEREAS, the Huron County Board of Commissioners and its representatives on the Huron County Solid Waste Planning Committee are responsible for the preparation of a solid waste management plan for the county, and all amendments to the plan; and

WHEREAS, this plan must conform to State of Michigan, Part 115 of 1994 Public Act as amended and monitored by the Department of Environmental Quality; and

WHEREAS, in addition to State requirements, the Solid Waste Management Plan Committee has prepared a Plan Amendment that best represents the needs of the residents of Sebewaing Twp. and Huron County, including environmental responsibility and economic feasibility; and

WHEREAS, the Huron County Board of Commissioners has presented this Plan Amendment to us for review and vote.

THEREFORE BE IT, RESOLVED, that Sebewaing Twp. does hereby approve the above referenced Solid Waste Management Plan Amendment as presented.

Respectfully Submitted,

Sebewaing Twp.

Michael W. Buzay Treasurer  
Name Title

Nancy Taylor Supervisor  
Name Title

Dated: 2-25-14

Ayes: 4

Nays: 0

RECEIVED  
FEB 26 2014  
HURON COUNTY  
BUILDING & ZONING

## RESOLUTION

TO: THE HONORABLE BOARD OF COMMISSIONERS  
HURON COUNTY  
MICHIGAN

WE, of Sheridan Twp., respectfully beg leave to submit the following resolution for your consideration.

WHEREAS, the Huron County Board of Commissioners and its representatives on the Huron County Solid Waste Planning Committee are responsible for the preparation of a solid waste management plan for the county, and all amendments to the plan; and

WHEREAS, this plan must conform to State of Michigan, Part 115 of 1994 Public Act as amended and monitored by the Department of Environmental Quality; and

WHEREAS, in addition to State requirements, the Solid Waste Management Plan Committee has prepared a Plan Amendment that best represents the needs of the residents of Sheridan Twp. and Huron County, including environmental responsibility and economic feasibility; and

WHEREAS, the Huron County Board of Commissioners has presented this Plan Amendment to us for review and vote.

THEREFORE BE IT, RESOLVED, that Sheridan Twp. does hereby approve the above referenced Solid Waste Management Plan Amendment as presented.

Respectfully Submitted,

Sheridan Twp.

Paul Webb Sheridan  
Name Title

Sharon Wagon Clark  
Name Title

Dated: 1-20-14

Ayes: 4

Nays: 0

RESOLUTION - 14-0211

TO: THE HONORABLE BOARD OF COMMISSIONERS  
HURON COUNTY  
MICHIGAN

WE, of Sherman Twp., respectfully beg leave to submit the following resolution for your consideration.

WHEREAS, the Huron County Board of Commissioners and its representatives on the Huron County Solid Waste Planning Committee are responsible for the preparation of a solid waste management plan for the county, and all amendments to the plan; and

WHEREAS, this plan must conform to State of Michigan, Part 115 of 1994 Public Act as amended and monitored by the Department of Environmental Quality; and

WHEREAS, in addition to State requirements, the Solid Waste Management Plan Committee has prepared a Plan Amendment that best represents the needs of the residents of Sherman Twp. and Huron County, including environmental responsibility and economic feasibility; and

WHEREAS, the Huron County Board of Commissioners has presented this Plan Amendment to us for review and vote.

THEREFORE BE IT, RESOLVED, that Sherman Twp. does hereby approve the above referenced Solid Waste Management Plan Amendment as presented.

Respectfully Submitted,

Sherman Twp.

Kathi A. Tahn  
Name Title

SHERMAN TWP CLERK  
Name Title

Dated: 2-11-2014

Ayes: Sheasby, Hassling, Tahn, Emming, Volmerig

Nays: None



## RESOLUTION

TO: THE HONORABLE BOARD OF COMMISSIONERS  
HURON COUNTY  
MICHIGAN

WE, of Sigel Twp., respectfully beg leave to submit the following resolution for your consideration.

WHEREAS, the Huron County Board of Commissioners and its representatives on the Huron County Solid Waste Planning Committee are responsible for the preparation of a solid waste management plan for the county, and all amendments to the plan; and

WHEREAS, this plan must conform to State of Michigan, Part 115 of 1994 Public Act as amended and monitored by the Department of Environmental Quality; and

WHEREAS, in addition to State requirements, the Solid Waste Management Plan Committee has prepared a Plan Amendment that best represents the needs of the residents of Sigel Twp. and Huron County, including environmental responsibility and economic feasibility; and

WHEREAS, the Huron County Board of Commissioners has presented this Plan Amendment to us for review and vote.

THEREFORE BE IT, RESOLVED, that Sigel Twp. does hereby approve the above referenced Solid Waste Management Plan Amendment as presented.

Respectfully Submitted,

Sigel Twp.

Richard J. Maurer Supervisor  
Name Title

Deery clerk  
Name Title

Dated: 2-17-14

Ayes: 4

Nays: 0



RESOLUTION

TO: THE HONORABLE BOARD OF COMMISSIONERS  
HURON COUNTY  
MICHIGAN

WE, of Winsor Twp., respectfully beg leave to submit the following resolution for your consideration.

WHEREAS, the Huron County Board of Commissioners and its representatives on the Huron County Solid Waste Planning Committee are responsible for the preparation of a solid waste management plan for the county, and all amendments to the plan; and

WHEREAS, this plan must conform to State of Michigan, Part 115 of 1994 Public Act as amended and monitored by the Department of Environmental Quality; and

WHEREAS, in addition to State requirements, the Solid Waste Management Plan Committee has prepared a Plan Amendment that best represents the needs of the residents of Winsor Twp. and Huron County, including environmental responsibility and economic feasibility; and

WHEREAS, the Huron County Board of Commissioners has presented this Plan Amendment to us for review and vote.

THEREFORE BE IT, RESOLVED, that Winsor Twp. does hereby approve the above referenced Solid Waste Management Plan Amendment as presented.

Respectfully Submitted,

Winsor Twp.

John P. Kohn, Sr.  
Name Title

John Walsh, Clerk  
Name Title

Dated: 02/04/14

Ayes: 5

Nays: 0

## RESOLUTION

TO: THE HONORABLE BOARD OF COMMISSIONERS  
HURON COUNTY  
MICHIGAN

WE, of Verona Twp., respectfully beg leave to submit the following resolution for your consideration.

WHEREAS, the Huron County Board of Commissioners and its representatives on the Huron County Solid Waste Planning Committee are responsible for the preparation of a solid waste management plan for the county, and all amendments to the plan; and

WHEREAS, this plan must conform to State of Michigan, Part 115 of 1994 Public Act as amended and monitored by the Department of Environmental Quality; and

WHEREAS, in addition to State requirements, the Solid Waste Management Plan Committee has prepared a Plan Amendment that best represents the needs of the residents of Verona Twp. and Huron County, including environmental responsibility and economic feasibility; and

WHEREAS, the Huron County Board of Commissioners has presented this Plan Amendment to us for review and vote.

THEREFORE BE IT, RESOLVED, that Verona Twp. does hereby approve the above referenced Solid Waste Management Plan Amendment as presented.

Respectfully Submitted,

Verona Twp.

Carl Rada Supervisor  
Name Title

Jan Gustafson Clerk  
Name Title

Dated: 2/5/14

Ayes: 4

Nays: 0

CITY OF BAD AXE

RESOLUTION

TO: THE HONORABLE BOARD OF COMMISSIONERS  
HURON COUNTY  
MICHIGAN

WE, of Bad Axe, City of, respectfully beg leave to submit the following resolution for your consideration.

WHEREAS, the Huron County Board of Commissioners and its representatives on the Huron County Solid Waste Planning Committee are responsible for the preparation of a solid waste management plan for the county, and all amendments to the plan; and

WHEREAS, this plan must conform to State of Michigan, Part 115 of 1994 Public Act as amended and monitored by the Department of Environmental Quality; and


WHEREAS, in addition to State requirements, the Solid Waste Management Plan Committee has prepared a Plan Amendment that best represents the needs of the residents of Bad Axe, City of and Huron County, including environmental responsibility and economic feasibility; and

WHEREAS, the Huron County Board of Commissioners has presented this Plan Amendment to us for review and vote.

THEREFORE BE IT, RESOLVED, that Bad Axe, City of does hereby approve the above referenced Solid Waste Management Plan Amendment as presented.

Respectfully Submitted,

Bad Axe, City of

  
Name Title City Manager

  
Name Title Kay M. Goebel, Clerk

Dated: January 21, 2014

Ayes: All

Nays: None

**RESOLUTION**

TO: THE HONORABLE BOARD OF COMMISSIONERS  
HURON COUNTY  
MICHIGAN

WE, of Caseville, City of, respectfully beg leave to submit the following resolution for your consideration.

WHEREAS, the Huron County Board of Commissioners and its representatives on the Huron County Solid Waste Planning Committee are responsible for the preparation of a solid waste management plan for the county, and all amendments to the plan; and

WHEREAS, this plan must conform to State of Michigan, Part 115 of 1994 Public Act as amended and monitored by the Department of Environmental Quality; and

WHEREAS, in addition to State requirements, the Solid Waste Management Plan Committee has prepared a Plan Amendment that best represents the needs of the residents of Caseville, City of and Huron County, including environmental responsibility and economic feasibility; and

WHEREAS, the Huron County Board of Commissioners has presented this Plan Amendment to us for review and vote.

THEREFORE BE IT, RESOLVED, that Caseville, City of does hereby approve the above referenced Solid Waste Management Plan Amendment as presented.

Respectfully Submitted,

Caseville, City of

Name

Title

Name

Title

Dated:

RESOLUTION #2014-24 introduced by Councilman Rathje, second by Councilman Hazzard  
Ayes: 5 (Estep, Hazzard, Ignash, Moss and Rathje)

Nays: 0

Excused / Absent: Talaski

Resolution #  
2014-01

RESOLUTION

TO: THE HONORABLE BOARD OF COMMISSIONERS  
HURON COUNTY  
MICHIGAN

WE, of Elkton Village, respectfully beg leave to submit the following resolution for your consideration.

WHEREAS, the Huron County Board of Commissioners and its representatives on the Huron County Solid Waste Planning Committee are responsible for the preparation of a solid waste management plan for the county, and all amendments to the plan; and

WHEREAS, this plan must conform to State of Michigan, Part 115 of 1994 Public Act as amended and monitored by the Department of Environmental Quality; and

WHEREAS, in addition to State requirements, the Solid Waste Management Plan Committee has prepared a Plan Amendment that best represents the needs of the residents of Elkton Village and Huron County, including environmental responsibility and economic feasibility; and

WHEREAS, the Huron County Board of Commissioners has presented this Plan Amendment to us for review and vote.

THEREFORE BE IT, RESOLVED, that Elkton Village does hereby approve the above referenced Solid Waste Management Plan Amendment as presented.

Respectfully Submitted,

Elkton Village

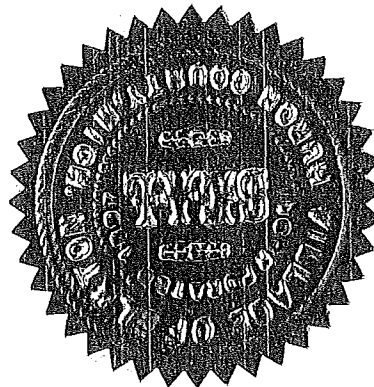
James Bowen Village President  
Name Title

James Bowen, President  
Name Title

Dated: 2-11-14

Ayes: 7

Nays: 0



**RESOLUTION # 2014-10**

TO: THE HONORABLE BOARD OF COMMISSIONERS  
HURON COUNTY  
MICHIGAN

WE, of Harbor Beach, City of, respectfully beg leave to submit the following resolution for your consideration.

WHEREAS, the Huron County Board of Commissioners and its representative on the Huron County Solid Waste Planning Committee are responsible for the preparation of a solid waste management plan for the county, and all amendments to the plan; and

WHEREAS, this plan must conform to State of Michigan, Part 115 of 1994 Public Act as amended and monitored by the Department of Environmental Quality; and

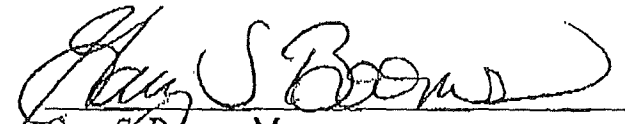
WHEREAS, in addition to State requirements, the Solid Waste Management Plan Committee has prepared a Plan Amendment that best represents the needs of the residents of Harbor Beach, City of and Huron County, including environmental responsibility and economic feasibility; and

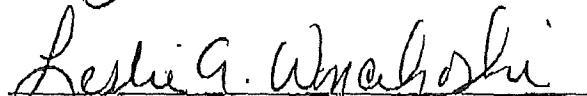
WHEREAS, the Huron County Board of Commissioners has presented this Plan Amendment to us for review and vote.

THEREFORE BE IT, RESOLVED, that Harbor Beach, City of does hereby approve the above referenced Solid Waste Management Plan Amendment as presented.

Respectfully Submitted,

Harbor Beach, City of

  
\_\_\_\_\_  
Gary S. Booms, Mayor

  
\_\_\_\_\_  
Leslie A. Woycehoski, Clerk

Dated: February 3, 2014

Ayes: Capling, Kleinknecht, Swartz, Woodke and Mayor Booms

Nays: None

## RESOLUTION

TO: THE HONORABLE BOARD OF COMMISSIONERS  
HURON COUNTY  
MICHIGAN

WE, of Kinde, Village of, respectfully beg leave to submit the following resolution for your consideration.

WHEREAS, the Huron County Board of Commissioners and its representatives on the Huron County Solid Waste Planning Committee are responsible for the preparation of a solid waste management plan for the county, and all amendments to the plan; and

WHEREAS, this plan must conform to State of Michigan, Part 115 of 1994 Public Act as amended and monitored by the Department of Environmental Quality; and

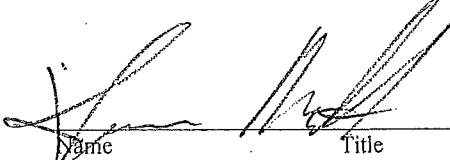
WHEREAS, in addition to State requirements, the Solid Waste Management Plan Committee has prepared a Plan Amendment that best represents the needs of the residents of Kinde, Village of and Huron County, including environmental responsibility and economic feasibility; and

WHEREAS, the Huron County Board of Commissioners has presented this Plan Amendment to us for review and vote.

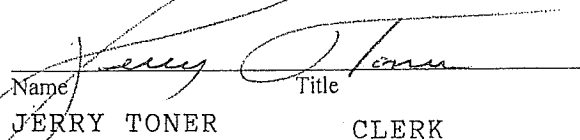
THEREFORE BE IT, RESOLVED, that Kinde, Village of does hereby approve the above referenced Solid Waste Management Plan Amendment as presented.

Respectfully Submitted,

Kinde, Village of

  
Name Title

KEVIN MILLER PRESIDENT

  
Name Title

JERRY TONER CLERK

Dated: FEBRUARY 10, 2014

Ayes: 5

Nays: 0 ABSENT: 2



## RESOLUTION

TO: THE HONORABLE BOARD OF COMMISSIONERS  
HURON COUNTY  
MICHIGAN

WE, of Village of Owendale, respectfully beg leave to submit the following resolution for your consideration.

WHEREAS, the Huron County Board of Commissioners and its representatives on the Huron County Solid Waste Planning Committee are responsible for the preparation of a solid waste management plan for the county, and all amendments to the plan; and

WHEREAS, this plan must conform to State of Michigan, Part 115 of 1994 Public Act as amended and monitored by the Department of Environmental Quality; and

WHEREAS, in addition to State requirements, the Solid Waste Management Plan Committee has prepared a Plan Amendment that best represents the needs of the residents of Sheridan Township and Huron County, including environmental responsibility and economic feasibility; and

WHEREAS, the Huron County Board of Commissioners has presented this Plan Amendment to us for review and vote.

THEREFORE BE IT, RESOLVED, that Village of Owendale does hereby approve the above referenced Solid Waste Management Plan Amendment as presented.

Respectfully Submitted,

Village of Owendale

Walter Howard President  
Name Title

Randall Howard Clerk  
Name Title

Dated: Feb. 11, 2014

Ayes: 6

Nays: 0

## Resolution in Support of the Huron County Solid Waste Plan

TO: THE HONORABLE BOARD OF COMMISSIONERS  
HURON COUNTY  
MICHIGAN

WE, of the Village of Pigeon council, respectfully beg leave to submit the following resolution for your consideration.

WHEREAS, the Huron County Board of Commissioners and its representatives on the Huron County Solid Waste Planning Committee are responsible for the preparation of a solid waste management plan for the county, and all amendments to the plan; and

WHEREAS, this plan must conform to State of Michigan, Part 115 of 1994 Public Act as amended and monitored by the Department of Environmental Quality; and

WHEREAS, in addition to State requirements, the Solid Waste Management Plan Committee has prepared a Plan Amendment that best represents the needs of the residents of the Village of Pigeon and Huron County, including environmental responsibility and economic feasibility; and

WHEREAS, the Huron County Board of Commissioners has presented this Plan Amendment to us for review and vote.

THEREFORE BE IT, RESOLVED, that council of the Village of Pigeon does hereby approve the above referenced Solid Waste Management Plan Amendment as presented.

Resolution made by: Shetler

Resolution supported by: Osentoski

YEAS: 6

NAYS: 0

Absent: 1, Collison

Abstain: 0

State of Michigan       )  
                                  ) SS  
County of Huron        )

I hereby certify that the foregoing is true and complete copy of a resolution adopted at a regular meeting of the Pigeon Village Council, held on the 20<sup>th</sup> day of January 2014, the original of which is on file at the Pigeon Village Hall 29 S. Main St. Pigeon MI. I further certify that notice of said meeting was given in accordance with the Open Meetings Act.

IN WITNESS WHEREOF, I have hereunto affixed my official signature the 20<sup>th</sup> day of January, 2014.



Steven Corron, Clerk  
Village of Pigeon



## RESOLUTION

TO: THE HONORABLE BOARD OF COMMISSIONERS  
HURON COUNTY  
MICHIGAN

WE, of Port Austin, Village of, respectfully beg leave to submit the following resolution for your consideration.

WHEREAS, the Huron County Board of Commissioners and its representatives on the Huron County Solid Waste Planning Committee are responsible for the preparation of a solid waste management plan for the county, and all amendments to the plan; and

WHEREAS, this plan must conform to State of Michigan, Part 115 of 1994 Public Act as amended and monitored by the Department of Environmental Quality; and

WHEREAS, in addition to State requirements, the Solid Waste Management Plan Committee has prepared a Plan Amendment that best represents the needs of the residents of Port Austin, Village of and Huron County, including environmental responsibility and economic feasibility; and

WHEREAS, the Huron County Board of Commissioners has presented this Plan Amendment to us for review and vote.

THEREFORE BE IT, RESOLVED, that Port Austin, Village of does hereby approve the above referenced Solid Waste Management Plan Amendment as presented.

Respectfully Submitted,

Port Austin, Village of

Thomas Ragan clerk  
Name Title

Thomas Munn Village President  
Name Title

Dated: 2-28-14

Ayes: Andreski, Brecht, Bruce, Hagan, Polegar, Murawski  
Nays: 0

# Village of Sebewaing

## F. Office Administration Committee

Trustee Kindler reported there is nothing at this time

## G. Claims/Insurance Committee

Trustee Gunsell reported on the property & liability insurance bids.

Motion by Kindler to accept the bid from MML for the Village of Sebewaing and Light & Water Property and Liability Insurance for the 2014-2015 Contract year. There was no support. Motion to be reconsidered at a later date. Consensus was to extend the bidding process to February 28, 2014 in the hopes of securing additional bids. Trustee Beers to contact all parties involved.

## H. Trash/Recycling Committee

Trustee Tietz reported there is nothing at this time; however, at this time there are over 300 recycling bins which have been distributed to residents.

## I. Employee Relations Committee

Trustee Kindler reported there is nothing at this time.

## Old Business

Concerning the former LMS property, per the council's request the property owner has put up snow fence around the cement which juts up. Trustee Heider to contact the attorney for a status update.

## New Business

A letter was received from the Huron County Economic Development Corporation concerning the solid waste management plan amendment as presented to the Huron County Solid Waste Planning Committee. The corresponding Resolution was read and voted as A Khoury: nay; Kindler: nay; Tietz: nay; Beers: yea; Gunsell: nay; Heider: yea; S Khoury: absent. 2 yeas, 4 nays, 1 absent. MOTION DENIED.

## Other Business

An invitation to their annual meeting was received from the Sebewaing Chamber of Commerce.

Motion by A Khoury supported by V Kindler to approve the bills for the month in the amount of \$209,367.52. Heider: yea; A Khoury: yea; Kindler: yea; Tietz: yea; Beers: yea; Gunsell: yea; S Khoury: absent. 6 yeas, 0 nays, 1 absent. MOTION CARRIED.

## Adjournment

Motion by A Khoury supported by Gunsell to adjourn the regular council meeting at 7:44 p.m. MOTION CARRIED.

Larry Heider  
President Pro Tem, Village of Sebewaing

Lois Kroll  
Clerk, Village of Sebewaing

## **VILLAGE OF SEBEWAING**

### **Regular Council Meeting – January 20, 2014**

The meeting was called to order, in the Village Council Chambers, by President Pro-tem Larry Heider at 7:00 p.m.

Present: Beers, Gunsell, Heider, A Khoury, Kindler, Tietz.

Absent: S Khoury

Others: Traci Weisenbach

Motion by A Khoury supported by J Gunsell to approve the agenda for this meeting as presented. MOTION CARRIED.

Motion by Kindler supported by Tietz to approve the minutes of the January 7, 2014 regular meeting as presented. MOTION CARRIED.

### **Visitors, Guests, and Requests**

A letter was presented by Beverly Wiltse to hold a fund raiser on behalf of the Ovarian Cancer Alliance.

Motion by A Khoury supported by Beers to approve the use of Village services and streets for the 5<sup>th</sup> annual 5K/10K Run/Walk for the Michigan Ovarian Cancer coalition on Saturday April 26, 2014. MOTION CARRIED.

### **Committee Reports**

#### **A. Light & Water Committee**

Trustee Kindler reported the next meeting will be January 27, 2014.

Trustee Beers reported there was a meeting concerning the placement of windmills on a property in the Village. More research will be done concerning this possibility.

#### **B. Police Committee**

Trustee A Khoury reported the first version of the budget was reviewed. Discussion concerning the disposal of the old police computer.

Motion by Kindler supported by Tietz to sell the used police computer to the Sebewaing Harbor Marina for \$5.00. Gunsell: yea; Heider: yea; A Khoury: yea; Kindler: yea; Tietz: yea; Beers: yea; S Khoury: absent. 6 yeas, 0 nays, 1 absent. MOTION CARRIED.

#### **C. DPW Committee**

Trustee Gunsell reported on the activity of the department. Discussion concerning the February, 2014 Huron County request for a one mill renewal for roadwork. A letter of support will be forwarded to the Huron County Road Commission on behalf of the Village of Sebewaing Council.

#### **D. Ordinance Committee**

Trustee Beers reported on the following items.

Discussion concerning the current landscaping ordinance.

Motion by Beers supported by A Khoury to amend the Landscaping Ordinance Section §153.184(A) to read: "A zoning permit and property survey will be required for any landscaping improvements made to property within three feet of the property line, sidewalk edge or street right-of-way." A Khoury: yea; Kindler: yea; Tietz: yea; Beers: yea; Gunsell: yea; Heider: yea; S Khoury: absent. 6 yeas, 0 nays, 1 absent. MOTION CARRIED.

Discussion concerning several new billing codes to be added to the sewer rate sheet. Motion by Kindler supported by Tietz to add to Section §51.04(C) a SC1 billing code to the sewer rates for Commodity Village Commercial Duplex Meter – No Ready to Serve Charges. Kindler: yea; Tietz: yea; Beers: yea; Gunsell: yea; Heider: yea; A Khoury: yea; S Khoury: absent. 6 yeas, 0 nays, 1 absent. MOTION CARRIED.

Motion by Kindler supported by Beers to add to Section §51.04(C) a SC2 billing code to the sewer rates for Commodity Township Commercial Duplex Meter (including apartments) – No Ready to Serve Charges. Tietz: yea; Beers: yea; Gunsell: yea; Heider: yea; A Khoury: yea; Kindler: yea; S Khoury: absent. 6 yeas, 0 nays, 1 absent. MOTION CARRIED.

Motion by Gunsell supported by Tietz to add to Section §51.04(C) a SR2 billing code to the sewer rates for Commodity Village Residential Meter change out– No Ready to Serve Charges. Beers: yea; Gunsell: yea; Heider: yea; A Khoury: yea; Kindler: yea; Tietz: yea; S Khoury: absent. 6 yeas, 0 nays, 1 absent. MOTION CARRIED.

Discussion concerning the need for Chapter 31 Deputy Clerk in the ordinance book, being the Clerk position is now appointed.

Motion by Beers supported by Tietz to rescind the Ordinance in Chapter 31 Section §31.01 Appointment, §31.2 Financial Duties of Deputy Clerk, and §31.03 General Duties of Deputy Clerk. Gunsell: yea; Heider: yea; A Khoury: yea; Kindler: yea; Tietz: yea; Beers: yea; S Khoury: absent. 6 yeas, 0 nays, 1 absent. MOTION CARRIED.

Discussion on the parking on the curbed streets in the Village.

Motion by Beers supported by Tietz to amend the Curbed Streets Ordinance Section §71.15 to read: "Parking shall be prohibited on all curbed streets, drives and courts in the village from 2:00 a.m. to 6:00 a.m. each day of the week." Heider: yea; A Khoury: yea; Kindler: yea; Tietz: yea; Beers: yea; Gunsell: yea; S Khoury: absent. 6 yeas, 0 nays, 1 absent. MOTION CARRIED.

Discussion concerning large trucks parking on the village streets.

#### E. Budget Committee

Trustee Kindler reported the Village's budgets were reviewed. The Police budget will be revisited at the next Police Committee meeting. The Light and Water Budget was not available and will be presented at a later date. All the other budgets were accepted as presented.

**RESOLUTION**

TO: THE HONORABLE BOARD OF COMMISSIONERS  
HURON COUNTY  
MICHIGAN

WE, of Ubly, Village of, respectfully beg leave to submit the following resolution for your consideration.

WHEREAS, the Huron County Board of Commissioners and its representatives on the Huron County Solid Waste Planning Committee are responsible for the preparation of a solid waste management plan for the county, and all amendments to the plan; and

WHEREAS, this plan must conform to State of Michigan, Part 115 of 1994 Public Act as amended and monitored by the Department of Environmental Quality; and

WHEREAS, in addition to State requirements, the Solid Waste Management Plan Committee has prepared a Plan Amendment that best represents the needs of the residents of Ubly, Village of and Huron County, including environmental responsibility and economic feasibility; and

WHEREAS, the Huron County Board of Commissioners has presented this Plan Amendment to us for review and vote.

THEREFORE BE IT, RESOLVED, that Ubly, Village of does hereby approve the above referenced Solid Waste Management Plan Amendment as presented.

Respectfully Submitted,

Ubly, Village of

Mark Braun President Village of Ubly  
Name Title

Rori White Clerk  
Name Title

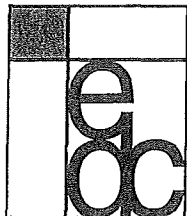
Dated: 3-6-14

Ayes:

6

Nays:

1



**HURON COUNTY  
ECONOMIC DEVELOPMENT CORP.**

## Memorandum

**To:** Huron County Townships & Cities/Villages  
**From:** Carl Osentoski, Huron County EDC & Solid Waste Advisory Committee Coordinator  
**Date:** 2/13/2014  
**Re:** Solid Waste Plan Approval

---

We have come to understand that there has been some confusion concerning the recent request to approve a modification to the county's solid waste plan. The initial plan was sent back to the county by the DEQ for technical corrections which requires us to go back to the local units, i.e. townships, cities and villages for approval.

In addition, there has been some discussion about the issue of Canadian waste coming into the county. This is an issue that the county has no control over; rather it is a federal issue that has been tested in the federal courts, all the way to the Supreme Court. It is the subject of international treaties, and federal regulation. We understand the sensitive nature of the issue, but not only is it the subject of federal and state regulations it is also a matter of free enterprise. The landfill is a private business, and as long as it operates under the law, we have no right to interfere with its business. As a side note, there has been no Canadian waste received at the Huron County landfill since 2009 as documented by the DEQ.

We also appreciate the concerns involving solid waste disposal in the county. It is a complicated issue with federal, state and local government involved along with private companies trying to meet all of the government requirements plus run a business and provide a required service for all local residents at a reasonable cost.

By allowing the expansion, it helps keep a competitive market that keeps costs down and provides an opportunity for communities to receive multiple bids when you seek trash pickup services for your residents.

We would like to encourage you to approve the resolution that we sent over to you. By approving the resolution you provide for a business to keep operating in the county, you provide a competitive market for trash pickup services which holds costs down for your residents and you are able to provide a needed service for your residents.

Thank you for considering our request. If you have any questions about the solid waste plan and the plan amendment, please feel free to give me a call. I can be reached at: 989.269.6431.



HUME TOWNSHIP  
HURON COUNTY  
MICHIGAN

January 20, 2014

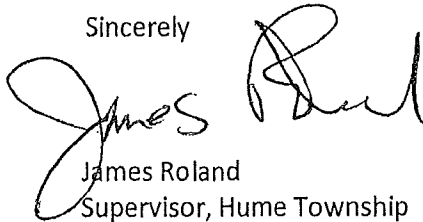
The Honorable Board of Commissioners  
Huron County, Michigan

Dear Board of Commissioners:

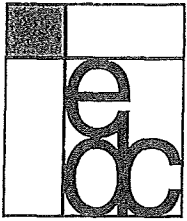
At our regular Board Meeting on January 20, 2014 we have decided to vote against the Resolution to expand the Landfill in Ubly, MI.

Until we feel there is a guarantee in place that will not allow any garbage from Canada to go in to the landfill, we will not be in favor of this at all. Why did you approve the Resolution granting the expansion without the Townships approval first, this is very confusing to us.

Sincerely

A handwritten signature in black ink, appearing to read "James Roland", is written over the printed name and title.

James Roland  
Supervisor, Hume Township



**HURON COUNTY  
ECONOMIC DEVELOPMENT CORP.**

January 22, 2014

Mr. Jim Roland  
Hume Township  
3180 Shore Drive  
Port Austin, MI 48467

Dear Mr. Roland,

Thank you for your letter of January 20<sup>th</sup> to the Huron County Board of Commissioners concerning the Solid Waste Plan Amendment. We are disappointed in the townships response, but wanted to take a minute to respond.

The issue of Canadian waste is one that has been addressed by the federal courts in litigation. In essence, the courts find that this is an issue that is regulated by federal laws and is part of international treaties that we, at the local level have no control over. I have enclosed a copy of our response to Lake Township's concerns that spell out in more detail the issues of international and interstate commerce. We understand the sensitive nature of the issue, but it is also a matter of free enterprise as well. The landfill is a private business and as long as it operates under the law, we have no jurisdiction to interfere with its business.

You also raised the concern about the process of township approvals after action by the Board of Commissioners. This is the required process by the Michigan Department of Environmental Quality. The process is clearly outlined and our work has been reviewed for compliance with state law.

We appreciate the township's concern with solid waste management in the county. It is a complicated issue with federal, state and local governments involved along with private companies trying to meet all the requirements plus run a business and provide a required service for all local residents at reasonable rates. By allowing the expansion, it helps keep a competitive market that keeps costs low and provides opportunities for multiple bids when you seek trash pickup services for your residents.

We would ask that you reconsider the resolution in the future. If you have any questions, please feel free to call me at any time. My office number is: 989.269.6431.

Thank you.

Sincerely,

Carl Osentoski  
Solid Waste Advisory Committee Coordinator  
Huron County EDC

Enclosures – Lake Township Letter, DEQ Requirements.

# LAKE TOWNSHIP

Huron County, Michigan

[www.laketownship.net](http://www.laketownship.net)

P.O. Box 429

Oshtemo, Michigan 48869-0429

989-856-4967

Fax: 989-856-9710

March 6, 2014

Carl J. Osentoski, Executive Director  
Huron County Economic Development Corp.  
250 E. Huron Ave. Rm. 303  
Bad Axe, Mi. 48413

Re: Huron County Solid Waste Plan Resolution

Dear Mr. Osentoski,

We, as Lake Township Board of Trustees, have reviewed the Solid Waste Management Plan Amendment and have not approved it. Unfortunately, we were unable to consider it for these reasons:

The explanation regarding the need for the additional 40 acres seems to express the same plan as the previous expansion which did not last the 20 year expectations that were discussed back in the late 1990's.

The presentation of the 10 year plan still does not address the issue of recycling more in order to eliminate the continual need for expansion of the landfill in Huron County.

We would like to hear a public statement from the Emterra Corporation stating plans for implementing recycling goals in order that we might be more environmentally responsible, as referred to in your resolution "... (that) has prepared a Plan Amendment that best represents the needs of the residents of Lake Twp. and Huron County, including environmental responsibility and economic feasibility..."

As we did not vote for the Resolution, we did come up with some suggestions that could be implemented to express good faith terms for recycling goals. Mr. Angelo Caramagno stated their company recycles used tires. We wondered why there couldn't be used tire drives in our county, as there are many, many that are found in ditches, woods, and in abandoned land, as well as local residents who have no way to get rid of them. Another thought that came to the forefront was the current Thumb Loop, which has been established to carry electric energy. Can methane gas digesters be created at the landfill to recycle into energy and use the Thumb Loop to do the same as the wind turbines do here?

Respectfully,  
[Signature]  
[Name]  
[Title]

Page Two  
March 6, 2014

We want to be perfectly clear that we are NOT against Emterra, but are expressing our desire for environmental stewardship, which has not been addressed in implementing continual enlargement of the local landfill.

With that in mind, there was no person on the Board of Trustees willing to offer the Resolution for a vote, and the Resolution died without a vote.

Thank you for your time, and your interest in our Township's opinion.

Sincerely,

A handwritten signature in cursive script that reads "Claren Russell".

Claren Russell, Clerk  
On behalf of Lake Township Board of Trustees, Huron County



JOHN ENGLER, Governor

**DEPARTMENT OF ENVIRONMENTAL QUALITY**

*"Better Service for a Better Environment"*

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

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

RUSSELL J. HARDING, Director

July 28, 2000

Mr. Warren Krohn, Chairperson  
Huron County Board of Commissioners  
County Building  
Bad Axe, Michigan 48413

Dear Mr. Krohn:

The Department of Environmental Quality (DEQ) received the locally approved update to the Huron County Solid Waste Management Plan (Plan) on December 28, 1999. Except for the items indicated below, the Plan is approvable. As outlined in the letter dated February 1, 2000, to Mr. Carl Osentoski from the Huron County Economic Development Corporation from Mr. Stan Idziak, DEQ, Waste Management Division (WMD), and as confirmed by the Huron County Board of Commissioners Resolution Number 00-72, as transmitted from Ms. Amy Braun from the Huron County Economic Development Corporation on May 26, 2000, to Ms. Lynn Dumroese, DEQ, WMD, the DEQ makes the following modifications to the Plan:

On [page III-20](#) of the Plan, Existing Facility Siting Criteria:

Bullet number 3 states:

- An agreement to be signed by Cove Landfill to construct a 12-foot berm before operating any cells that do not already have a DEQ operating license.

The requirement of an agreement to be signed by Cove Landfill to construct a 12-foot berm before operating any cells that do not already have a DEQ operating license is a discretionary act. An agreement occurs between two parties and must be signed by both to take effect. If Huron County (County) refuses to sign the required agreement, this could arbitrarily halt the expansion of the Cove Landfill. This is not allowed under Part 115, Solid Waste Management, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, and the associated administrative rules.

Bullet number 3 is revised to read:

- Cove Landfill must sign a statement agreeing to complete the construction of a 12-foot berm around any cells that do not already have a DEQ operating license before obtaining the DEQ operating license and using the cells.

Bullet number 4 states:

- Berm is completely constructed before additional cells of the facility are given an operating license, as outlined by the state of Michigan.

This condition is an operating requirement, not a siting criterion. Since bullet number 3, as outlined above, is revised to require Cove Landfill to state that it will construct a 12-foot berm prior to operating any cells, bullet number 4 is unnecessary and is hereby deleted from the Plan.

On [page III-23](#), item number 3 is marked. However, a list of local regulations, what subjects they cover, and what units of government will enforce the local regulations are not included. As written, this item authorizes the adoption and implementation of all local regulations. Section 11538 (8) of Part 115 preempts enforcement of all local regulation of disposal area location, development, and operation except to the degree approved by the DEQ as part of the Plan. The purpose of this section is to ensure that any local disposal area regulation does not hinder or conflict with Part 115 or the regulatory authority and responsibilities of the DEQ. The DEQ cannot review the extent of the intended local regulations to evaluate any potential conflict; therefore, item number 3 will no longer be marked under the Local Ordinances section.

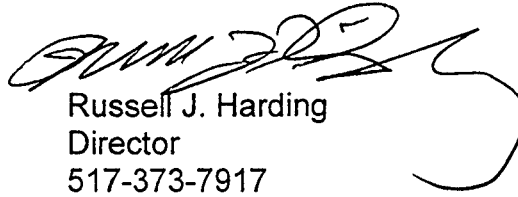
With these modifications, the County's updated Plan is hereby approved and the County now assumes responsibility for the enforcement and implementation of this Plan. Please ensure that a copy of this letter is included with copies of the approved Plan distributed by the County.

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

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

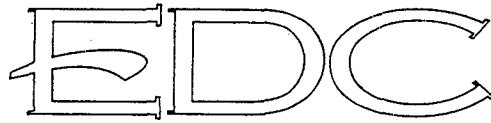
The DEQ applauds your efforts and commitment in addressing the solid waste management issues in Huron County. If you have any questions, please contact Mr. Seth Phillips, Chief, Solid Waste Management Unit, at 517-373-4750.

Sincerely,



Russell J. Harding  
Director  
517-373-7917

cc: Senator Joel D. Gougeon  
Representative Mike Green  
Mr. Arthur R. Nash Jr., Deputy Director, DEQ  
Mr. Timothy R. Sowton, Legislative Liaison, DEQ  
Mr. Jim Sygo, DEQ  
Ms. Joan Peck, DEQ  
Mr. Edwin Haapala, DEQ – Saginaw Bay  
Mr. Seth Phillips, DEQ  
Ms. Lynn Dumroese, DEQ  
Huron County File



HURON COUNTY ECONOMIC DEVELOPMENT CORPORATION

December 27, 1999

RECEIVED

DEC 28 1999

SOLID WASTE MANAGEMENT

Mr. Seth Phillips  
Michigan DEQ  
Solid Waste Management Division  
PO Box 30241  
Lansing, MI 48909

Dear Mr. Phillips:

Enclosed you will find the Huron County Solid Waste Management Plan for DEQ final review.

This document has been crafted and has gone through the entire approval process as outlined by DEQ requirements, including Board of Commissioner and 67% approval by all local municipalities in Huron County. We now await a final decision by DEQ so that this Plan can be implemented. Please contact Amy Braun of the Huron County EDC ([abraun@huroncounty.com](mailto:abraun@huroncounty.com)) office via e-mail if you have questions. We look forward to hearing from you.

Sincerely,

A handwritten signature in black ink, appearing to read "Carl J. Osentoski", with a long, sweeping horizontal line extending to the right.

Carl J. Osentoski  
Executive Director



HURON COUNTY  
SOLID WASTE MANAGEMENT PLAN

AS REQUIRED BY SECTION 11539a OF  
PART 115, SOLID WASTE MANAGEMENT, OF  
THE NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION ACT  
1994 PA 451, AS AMENDED



John Engler, Governor  
Russell J. Harding, Director

Michigan Department of Environmental Quality  
Waste Management Division

This document is available to download from our Internet site at:  
<http://www.deq.state.mi.us/wmd/sections/swpshome.html>

## 1998 PLAN UPDATE COVER PAGE

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

DATE SUBMITTED TO THE DEQ: November 29, 1999

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

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

Municipality

Original Planning County

New Planning County

N.A.

### DESIGNATED PLANNING AGENCY PREPARING THIS PLAN UPDATE:

Huron County Economic Development Corporation

CONTACT PERSON: Carl J. Osentoski, Executive Director

ADDRESS: 250 E. Huron Ave. #303, Bad Axe, MI 48413

PHONE: 517-269-6431

FAX: 517-269-8209

E-MAIL: [cjo@huroncounty.com](mailto:cjo@huroncounty.com)

CENTRAL REPOSITORY LOCATION(S): 250 E. Huron Ave. #303, Bad Axe, MI 48413

**HURON COUNTY SOLID WASTE MANAGEMENT PLAN  
TABLE OF CONTENTS**

**I. EXECUTIVE SUMMARY**

Overall View of the County .....	I-1
Executive Summary .....	I-2
Conclusions .....	I-2
Selected Alternative .....	I-2

**I. INTRODUCTION**

Goals & Objectives .....	I-3
--------------------------	-----

**II. DATABASE**

Waste Generation .....	II-1
Inventory of Facilities .....	II-2
Facility Descriptions .....	II-3-5
Solid Waste Collection Services & Transportation Infrastructure .....	II-6-7
Evaluation of Deficiencies and Problems .....	II-8
Demographics and Land Development .....	II-8
Solid Waste Management Alternatives .....	II-9

**III. SELECTED SYSTEM**

Selected Solid Waste Management System .....	III-1
Import Authorizations .....	III-2
Future Import Authorization .....	III-3
Existing Export Authorization .....	III-4
Future Export Authorizations .....	III-5
Description of Solid Waste Facilities .....	III-6-9
Solid Waste Collection Services and Transportation .....	III-10
Resource Conservation Efforts .....	III-10
Waste Reduction, Recycling and Composting Programs .....	III-10-15
Identification of Resource Recovery Management Entities .....	III-16
Projected Diversion Rates .....	III-17
Educational and Informational Programs .....	III-18
Timetable for Implementing Selected System .....	III-19
Facility Siting Procedure .....	III-20
Site Review Procedures .....	III-20
Management Components .....	III-21
Identification of Responsible Parties .....	III-22
Local Ordinances and Regulations .....	III-23
Capacity Certification Procedure .....	III-24
Appendix	
A – Selected System .....	A- 1-3
B - Non-Selected System .....	A-4,5
C – Public Participation .....	A-6-15
D – Attachments	
Resolutions .....	A-16-45
Implementation Strategy .....	A-46
Listed Capacity Letters .....	A-47-48
Map .....	A-49
Special Conditions .....	A-50

## EXECUTIVE SUMMARY

## EXECUTIVE SUMMARY

The following summarizes the solid waste management system selected to manage solid waste within the 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.

## OVERALL VIEW OF THE COUNTY

Munic. Name	Population	% Land Use		% of Economic Base*				
		Rural	Urban	Ag	Timber	Ind.	Com	Other
Bingham Twp.	1,617	100		28		2	7	63
Bloomfield Twp.	563	100		75			1	23
Brookfield Twp.	947	100		58			4	38
Caseville Twp.	2,139	100		2			6	92
Chandler Twp.	509	100		73				27
Colfax Twp.	1,936	100		32			9	59
Dwight Twp.	917	100		58			3	39
Fairhaven Twp.	1,250	100		16	1		3	80
Gore Twp.	125	100		16		.5	.5	83
Grant Twp.	778	100		58			1	41
Hume Twp.	714	100		21			3	76
Huron Twp.	376	100		39.5			.5	60
Lake Twp.	800	100		7			2	91
Lincoln Twp.	868	100		50		2	5	43
McKinley Twp.	527	100		34		1	1	64
Meade Twp.	777	100		56			3	41
Oliver Twp.	1,685	100		37		1	9	53
Paris Twp.	624	100		71			1	28
Pte. Aux Bar.Twp.	15	100		3				97
Port Austin Twp.	1,474	100		6			6	88
Rubicon Twp.	766	100		21		1	5	73
Sand Beach Twp.	1,358	100		33		1	2	64
Sebewaing Twp.	2,937	100		20		2	9	69
Sheridan Twp.	694	100		65			3	32
Sherman Twp.	1,155	100		36		1	1	62
Sigel Twp.	599	100		69		1	2	29
Verona Twp.	1,196	100		29		1	9	61
Winsor Twp.	2,032	100		31		1	11	57
City of Bad Axe	3,484		100			2	18	80
Village of Caseville	857		100	19		1	1	79
Village of Elkton	958		100	2		2	16	80
City of Harbor Beach	2,089		100	1		2	10	87
Village of Kinde	473		100	5		1	12	82
Village of Owendale	285		100	6		2	16	76
Village of Pigeon	1,207		100	2		1	18	79
Village of Pt. Austin	815		100	1		1	14	84
Village of Port Hope	313		100	4			12	84

## EXECUTIVE SUMMARY

Village of Sebewaing	1,923		100			3	14	83
Village of Ubyly	821		100	1		2	13	84

Total Population – 34,951

\*Ag = Agriculture; For = Forestry; Ind = Industry; Com = Commercial; Oth = All Other Economic Bases  
Additional listings, if necessary, are listed on an attached page.

## EXECUTIVE SUMMARY

This solid waste management plan for Huron County can be described as a continuation of the status quo. When looking at the alternatives and any need for change, it was found that the existing system by far best fits the needs of the County. Currently two private waste haulers manage the public needs of Huron County. All service contracts have been very successfully initiated at the local municipality level. The County will encourage, as appropriate, that the municipalities offer recycling, composting and other landfill diversion methods to their consumers. Existing and future capacity of the current waste haulers is noted and addressed in this plan.

## CONCLUSIONS

In conclusion, Huron County residents and businesses can expect to continue to see their waste management needs managed by their local municipality and met by private waste haulers. Any changes at the existing landfill facility will be processed according to this planning document and best serve the needs of Huron County residents.

## SELECTED ALTERNATIVES

Alternative 1 was selected for the Huron County Solid Waste Plan. See description Section III – Selected System.

# 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) and the State Solid Waste Policy adopted pursuant to this Section, and Administrative Rules 711(b)(i) and (ii). At a minimum, the goals must reflect two major purposes of Solid Waste Management Plans:

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

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

Goal 1: Establish, through the utilization of private sector, an efficient and environmentally sound, cost effective solid waste management plan that will meet the County's diverse needs for the next 20 years.

Objective 1a: Monitor, through State mandated framework, the total landfill capacity in the area and work with private sector providers to ensure adequate capacity is available.

Objective 1b: Encourage local municipalities to provide waste reduction, recycling, composting, and other resource conservation and recovery efforts as part of their solid waste contracts.

Objective 1c: In conjunction with Michigan Department of Environmental Quality, observe the status of the environment in and near the existing landfill and to work cooperatively with DEQ on areas of environmental concern.

Objective 1d: In all areas of the solid waste management system, the private sector will be the delivery system of choice.

Goal 2: Promote solid waste source reduction, source separation, and other means of resource recovery.

Objective 2a: County will encourage and assist as appropriate, the continued source reduction, separation and other resource recovery methods being conducted by private company and any public organization in order to meet State of Michigan quantitative goals on resource recovery.

## DATA BASE

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

	Current Annual Volume	5 Yr. Annual Volume	10 Yr. Annual Volume
Waste type	--	--	--
Household solid waste			
Commercial solid waste			
Industrial solid waste			
Industrial sludge			
Municipal sludge			
Construction/demolition			
Total Waste	96,523	96,523	96,523

1. Waste by type not tracked.
2. Sources of information = Tri-City Recycling & Disposal Facility-Waste Management, Cove Landfill of Bad Axe, Inc., Caseville Recycling Program, DEQ Report of Solid Waste Landfilled in MI 1998, Tuscola and Sanilac County MRF.
3. Source of information for annual volume projections based on MI Info. Center population projections. This source shows a declining population.

### TOTAL QUANTITY OF SOLID WASTE GENERATED:

96,523 Cubic Yards in 12 months

### TOTAL QUANTITY OF SOLID WASTE NEEDING DISPOSAL:

89,815 Cubic Yards in 12 months

The net difference between total solid waste generated and waste needing disposal is the total of recyclables diverted as noted on page III-17.

## DATABASE

### DATA BASE

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

Solid waste facilities representing Huron County needs include:

- Cove Sanitation located in Sheridan Twp., Huron County
- Tri City Recycling and Disposal Facility, Sanilac County
- Range Rd. Property of Detroit Edison Co., St. Clair County.

See Facility Descriptions on following pages.



# DATABASE

## DATA BASE

### FACILITY DESCRIPTIONS

Facility Type: Type II Landfill

Facility Name: Cove Landfill of Bad Axe, Inc.

County: Huron Location: Sheridan Town: 15N Range: 12E Section(s): 22

Map identifying location included in Attachment Section: Yes      X No

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

Public      X Private      Owner: Cove Landfill of Bad Axe, Inc.

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

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

#### Site Size:

Total area of facility property: 53.4 acres

Total area sited for use: 41.8 acres

Total area permitted:

Operating: 6.84 acres

Not excavated: 0 acres

Current capacity: 1,150,000 yds<sup>3</sup>

Estimated lifetime: 11\* years

Estimated days open per year: 290 days

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

(if applicable)

Annual energy production:

Landfill gas recovery projects: N.A. megawatts

Waste-to-energy incinerators: N.A. megawatts

\*Based on existing 500' setbacks

## DATABASE

### FACILITY DESCRIPTIONS

Facility Type: Municipal Solid Waste Landfill

Facility Name: Tri-City Recycling and Disposal Facility

County: Sanilac Location: Town: 12N Range: 15E Section(s): 32

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 of Michigan, Inc.

Operating Status (check)	Waste Types Received (check all that apply)
<input checked="" type="checkbox"/> open	<input checked="" type="checkbox"/> residential
<input type="checkbox"/> closed	<input checked="" type="checkbox"/> commercial
<input checked="" type="checkbox"/> licensed	<input checked="" type="checkbox"/> industrial
<input type="checkbox"/> unlicensed	<input checked="" type="checkbox"/> construction & demolition
<input checked="" type="checkbox"/> construction permit	<input checked="" type="checkbox"/> contaminated soils
<input type="checkbox"/> open, but closure	<input checked="" type="checkbox"/> special wastes *
<input type="checkbox"/> pending	<input type="checkbox"/> other:

\* Explanation of special wastes, including a specific list and/or conditions:  
Paper pulp, shredded foam, food product waste.

#### Site Size:

Total area of facility property:	<u>195.4</u> acres
Total area sited for use:	<u>195.4</u> acres
Total area permitted:	<u>125</u> acres
Operating:	<u>31.6</u> acres
Not excavated:	<u>93.4</u> acres
Current capacity:	<u>10,780,000</u> yds <sup>3</sup>
Estimated lifetime:	<u>22</u> years
Estimated days open per year:	<u>272</u> days
Estimated yearly disposal volume:	<u>330,000</u> yds <sup>3</sup>

(if applicable)

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

# DATABASE

## FACILITY DESCRIPTIONS

Facility Type: Type III Landfill

Facility Name: Range Road Property (Type III) Detroit Edison Co.

County: Huron Location: China Twp. Town: 4N Range: 16E Section(s): 12

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: n.a.

Public ☐ Private ☒ Owner: Detroit Edison

### Operating Status (check)

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

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

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

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

### Site Size:

Total area of facility property: 456.47 acres

Total area sited for use: 456.47 acres

Total area permitted:

Operating: 456.47 acres

Not excavated: N.A. acres

Current capacity: 18,750,000 yds<sup>3</sup>

Estimated lifetime: 75 years

Estimated days open per year: 300 days

Estimated yearly disposal volume: 250,000 yds<sup>3</sup>

(if applicable)

Annual energy production:

Landfill gas recovery projects: N.A. megawatts

Waste-to-energy incinerators: N.A. megawatts

# DATABASE

## **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.

Transportation infrastructure consists of 153 miles of State trunkline which circle the perimeter and connect the major population centers of Huron County. In addition, there are 340 miles of county primary paved roads and 1,283 miles of county local roads. This total of 1,776 miles of road serves as the infrastructure that is utilized within Huron County to collect and transport solid waste.

Collection and transportation of solid waste in Huron County is handled by two private companies that operate in the County. They include Cove and Waste Management. In the villages, cities, and some twps, contracts with these haulers are established. In the townships, subscription services are available but not listed below.

Community	Service Provider	Service Type		Payment Method	Additional Services	Transfer Station		Landfill
		Curb	Drop-Off					
<b>TWPS</b>								
Bingham								
Bloomfield								
Brookfield								
Caseville	WM	X		I				T
Chandler								
Colfax								
Dwight								
Fairhaven	WM	X		I				T
Gore								
Grant								
Hume	C		X	G				C
Huron	WM	X		I				T
Lake	WM		X	I		B		T
Lincoln								
McKinley								
Meade								
Oliver								
Paris								
PA Barques	WM	X		I				T
Pt. Austin	WM	X		I				T
Rubicon								
Sand Beach	WM		X	I		B		T
Sebewaing	WM	X		I				T
Sheridan								
Sherman	WM		X	I	RD	B		T
Sigel								

## DATABASE

Verona							
Winsor							
<b>VILLAGES</b>							
Caseville	WM: C	X:X		I: G			T:C
Elkton	C	X		G	RC,YW		C
Kinde	C	X		G			C
Owendale	C	X		G			C
Pigeon	C	X		G	RC		C
Pt. Austin	WM	X		I			T
Pt. Hope	C	X		I			C
Sebewaing	WM	X		I			T
Ubley	C	X		G	RC		C
<b>CITIES</b>							
Bad Axe	C	X		G	RC,YW		C
Harbor Beach	C	X		G	RC		C

## SOLID WASTE COLLECTION SERVICES KEY TO INFORMATION IN THE TABLE

- **Service Providers:** C=Cove WM=Waste Management
- **Service Type:** Curbside is solid waste picked up from residence, Drop-off is solid waste dropped at a transfer station or other arrangements.
- **Payment Method:**  
I = Individuals are billed directly for service.  
G = Services are paid for through local government general fund.  
S = A special fee or assessment is levied for trash collection.
- **Additional Services:** Any additional services  
CS = Site where residents may drop off yard waste for composting is provided in the community.  
YW = Separate collection of yard waste is provided to residents  
RD = Separated recyclable materials may be dropped off at a designated site in the community.  
RB = Collection of specified recyclable materials from businesses is provided.  
RC = Curbside collection of separated recyclable materials from residents is provided.
- **Transfer Station:** The column is marked if a transfer station is located in the community.  
  
**Type A** – transfer stations are generally enclosed facilities where solid waste is mechanically unloaded from commercial collection vehicles. The waste is often compacted for transport to a landfill in large loads.  
  
**Type B** – transfer stations generally consist of a roll-off unit or “dumpster” container where residents may directly deposit their garbage. The containers are picked up or emptied by collection vehicles for transport to a landfill.
- **Landfill:** The landfill where the indicated community has their solid waste taken for final disposal. C=Cove; T= Tri City

## **EVALUATION OF DEFICIENCIES AND PROBLEMS**

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

In an ideal situation, each municipality in Huron County would have recycling and composting programs in place for residents and businesses. This would better help Huron County meet its stated objective (2a) of meeting State of MI resource recovery goals. The existing system is lacking in this area but improvements can only be encouraged, not forced through an unfunded mandate.

Also, diversion rates and Huron County waste volumes and projections are not easily gleaned from private companies, making accurate planning difficult.

## **DEMOGRAPHICS**

The following presents the current and projected population densities and centers for five and ten year periods, identification of current and 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 tons or cubic yards, and if it was extrapolated from yearly data, then it was calculated by using 365 days per year, or another number of days as indicated.

The County of Huron had a census county population base of 34,951 people in 1990. Estimates by the State of Michigan show a declining population in Huron county over the next 5-10 years. This is based on previous population count trends and the demographic makeup of area residents. The rate of population decline in Huron County is estimated at approximately .2% to .3% per year, putting 2005 population at 34,800 people and 2010 population at 34,500. Although a few select growth areas are expected to see population growth, this is more of a shift in population rather than county growth.

The City of Bad Axe is the largest population base with approximately 10% of the county population at 3,484 people. The City appears to be increasing in population at a rate that is projected to reach 4000 residents in 10 years. The rest of the Huron County population is scattered throughout the county. The Lake Huron shoreline has a larger population density but is spread along 90 miles and so does not fall under a specific geographic center.

Solid waste generation is not expected to shift substantially in any way. Estimates in 5 and 10 year solid waste generation are based on current usage, and population estimates. Note that population estimates show a decline, but projected annual volume needs were calculated conservatively and remain static due to potential increase in industrial waste. The 5 and 10 year estimates are projected at a Total Huron County solid waste generation is as follows: Current volume generated 96,523, 5year projected volume 96,523, and 10 year projected volume 96,523.

## **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 development in Huron County can be noted in a few select areas. The City of Bad Axe has experienced continual commercial growth over the past several years and it is expected to continue this pattern through the life of this planning document. The shoreline areas of Saginaw Bay is seeing a large amount of residential development. Countywide development growth has been taken into account for solid waste capacity planning.

## **SOLID WASTE MANAGEMENT ALTERNATIVES**

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

Alternatives will be judged against the following needs of the county:

1. System needs to dispose of all Huron County solid waste and address resource recovery.
2. System needs to be private sector driven.
3. System must be proven to be reasonably priced.
4. System must be proven to be environmentally sound.

A discretionary ranking of the alternatives was based on their inclusion of the 4 points noted above.

**Alternative 1:** Establish, through the utilization of private sector, an efficient and environmentally sound, cost effective solid waste management plan that will meet the County's diverse needs for the next 20 years. This alternative calls for maintaining the present solid waste management system, which entails the disposal of Huron County's waste at existing, privately owned landfills. Recycling, composting and other resource conservation and recovery methods will be encouraged when possible, with any programs developing at the local municipality level. These components are not evaluated in depth as they will not be directly addressed at the County level.

Because this alternative is currently in place, the technical and economic feasibility, environmental impact and public acceptability are already understood and accepted. Further, the system is currently private sector driven, without need for county intervention. This system addresses all of the solid waste needs of the county and offers resource recovery alternatives.

This alternative appears to meet all four of the needs of the county which are noted above.

**Alternative 2:** Under this alternative, the County would pursue the development of an energy producing facility using solid waste as its primary source of fuel. Access to the landfill would still be required for disposal of noncombustible residue and ash from the facility. Recycling, composting and transfer facilities may also be components of this alternative.

This alternative could be run by the private sector but because it would be a new venture, much county and public involvement would be required and this is not a desirable situation. Because it is a new venture, public acceptability is not known. This alternative would require extensive studies regarding technical and economic feasibility and at this time can not be easily proven to be reasonably priced. Environmental impacts and the resulting energy impacts are also unavailable without extensive research and cost.

This alternative is deficient or completely lacking in all four of the needs of the county which are noted above.

## THE SELECTED SOLID WASTE MANAGEMENT SYSTEM

The Selected Solid Waste Management System (Selected System) is a comprehensive approach to managing the County's solid waste and recoverable materials. The Selected System addresses the generation, transfer and disposal of the County's solid waste. It aims to reduce the amount of solid waste sent for final disposal by volume reduction techniques and by various resource conservation and resource recovery 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 B. Following is an overall description of the Selected System:

What you will find included in the Huron County Selected Solid Waste Management System is an inventory of the current status of all solid waste haulers, contracts, capacities and programs. The approach to this system is a continuation of the status quo. When looking at the alternatives and any need for change, it was found that the existing system by far best fits the needs of the County. Currently two private companies manage the public needs of Huron County. All service contracts have been very successfully managed at the local municipality level. The County will encourage, as appropriate, that the municipalities offer recycling, composting and other landfill diversion methods to their consumers.



## IMPORT AUTHORIZATION

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

Table 1-A

## CURRENT IMPORT VOLUME AUTHORIZATION OF SOLID WASTE

IMPORTING COUNTY	EXPORTING COUNTY	FACILITY NAME <sup>1</sup>	AUTHORIZED QUANTITY/ DAILY	AUTHORIZED QUANTITY/ ANNUAL	AUTHORIZED CONDITIONS <sup>2</sup>
<u>Huron</u>	<u>Tuscola</u>	<u>Cove</u>			<u>P</u>
<u>Huron</u>	<u>Sanilac</u>	<u>Cove</u>			<u>P</u>
<u>Huron</u>	<u>Lapeer</u>	<u>Cove</u>			<u>P</u>
<u>Huron</u>	<u>St. Clair</u>	<u>Cove</u>			<u>C</u>

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

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

## FUTURE IMPORT AUTHORIZATION

### NOT APPLICABLE

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

**Table 1-B**

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

IMPORTING COUNTY	EXPORTING COUNTY	FACILITY NAME <sup>3</sup>	AUTHORIZED QUANTITY/ DAILY	AUTHORIZED QUANTITY/ ANNUAL	AUTHORIZED CONDITIONS <sup>4</sup>
---------------------	---------------------	-------------------------------	----------------------------------	-----------------------------------	---------------------------------------

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

<sup>3</sup> Facilities are only listed if the exporting county is restricted to using specific facilities within the importing county.

<sup>4</sup> Authorization indicated by P = Primary Disposal; C = Contingency Disposal; \* = Other conditions exist and detailed explanation is included in the Attachment Section.

## EXPORT AUTHORIZATION

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

**Table 2-A**

### CURRENT EXPORT VOLUME AUTHORIZATION OF SOLID WASTE

EXPORTING COUNTY	IMPORTING COUNTY	FACILITY NAME <sup>5</sup>	AUTHORIZED QUANTITY/ DAILY	AUTHORIZED QUANTITY/ ANNUAL	AUTHORIZED CONDITIONS <sup>6</sup>
Huron	Sanilac				P *
Huron	St. Clair	Range Rd.Facility -Det Edison			P
Huron	St. Clair				C

<sup>5</sup> Facilities are only listed if the exporting county is restricted to using specific facilities within the importing county.

<sup>6</sup> Authorization indicated by P = Primary Disposal; C = Contingency Disposal; \* = Other conditions exist and detailed explanation is included in the Attachment Section.

**FUTURE EXPORT VOLUME AUTHORIZATION**

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

**Table 2-B**

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

EXPORTING COUNTY	IMPORTING COUNTY	FACILITY NAME <sup>7</sup>	AUTHORIZED QUANTITY/ DAILY	AUTHORIZED QUANTITY/ ANNUAL	AUTHORIZED CONDITIONS <sup>8</sup>
<u>Huron</u>	<u>Tuscola</u>				

<sup>7</sup> Facilities are only listed if the exporting county is restricted to using specific facilities within the importing county.

<sup>8</sup> Authorization indicated by P = Primary Disposal; C = Contingency Disposal; \* = Other conditions exist and detailed explanation is included in the Attachment Section.

## SELECTED SYSTEM

### SOLID WASTE DISPOSAL AREAS

The following identifies the names of existing disposal areas which will be utilized to provide the required capacity and management needs for the solid waste generated within the County for the next five years and, if possible, the next ten years. Pages III-7-1 through III-7-5 contain descriptions of the solid waste disposal facilities which are located within the County and the disposal facilities located outside of the County which will be utilized by the County for the planning period. Additional facilities within the County with applicable permits and licenses may be utilized as they are sited by this Plan, or amended into this Plan, and become available for disposal. If this Plan update is amended to identify additional facilities in other counties outside the County, those facilities may only be used if such import is authorized in the receiving County's Plan. Facilities outside of Michigan may also be used if legally available for such use.

#### Type II Landfill:

1. Cove Landfill of Bad Axe, Inc. – Huron
2. Tri-City Recycling & Disposal Facility - Sanilac

#### Type A Transfer Facility:

0

#### Type B Transfer Facility:

1. Sherman Twp.
2. Sand Beach Twp.
3. Lake Twp.

#### Type III Landfill:

Range Road Facility – Det. Edison

#### Processing Plant:

0

#### Incinerator:

0

#### Waste Piles:

0

#### Waste-to-Energy Incinerator:

0

#### Other:

0

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

## SELECTED SYSTEM

### FACILITY DESCRIPTIONS

Facility Type: Type II Landfill

Facility Name: Cove Landfill of Bad Axe, Inc.

County: Huron Location: Sheridan Town: 15N Range: 12E Section(s): 22

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: N.A.

Public ☐ Private ☒ Owner: Cove Landfill of Bad Axe, Inc.

Operating Status (check)	Waste Types Received (check all that apply)
<input checked="" type="checkbox"/> open	<input checked="" type="checkbox"/> residential
<input type="checkbox"/> closed	<input checked="" type="checkbox"/> commercial
<input checked="" type="checkbox"/> licensed	<input checked="" type="checkbox"/> industrial
<input type="checkbox"/> unlicensed	<input checked="" type="checkbox"/> construction & demolition
<input checked="" type="checkbox"/> construction permit	<input checked="" type="checkbox"/> contaminated soils
<input type="checkbox"/> open, but closure	<input type="checkbox"/> special wastes *
<input type="checkbox"/> pending	<input type="checkbox"/> other:

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

#### Site Size:

Total area of facility property: 53.4 acres

Total area sited for use: 41.8 acres

Total area permitted:

Operating: 6.84 acres

Not excavated: 0 acres

Current capacity: 1,150,000 yds<sup>3</sup>

Estimated lifetime: 11\* years

Estimated days open per year: 290 days

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

(if applicable)

Annual energy production:

Landfill gas recovery projects: N.A. megawatts

Waste-to-energy incinerators: N.A. megawatts

\*Based on existing 500' setbacks.

## SELECTED SYSTEM

### FACILITY DESCRIPTIONS

Facility Type: Municipal Solid Waste Landfill

Facility Name: Tri-City Recycling and Disposal Facility

County: Sanilac Location: Town: 12N Range: 15E Section(s): 32

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 of Michigan, Inc.

Operating Status (check)	Waste Types Received (check all that apply)
<input checked="" type="checkbox"/> open	<input checked="" type="checkbox"/> residential
<input type="checkbox"/> closed	<input checked="" type="checkbox"/> commercial
<input checked="" type="checkbox"/> licensed	<input checked="" type="checkbox"/> industrial
<input type="checkbox"/> unlicensed	<input checked="" type="checkbox"/> construction & demolition
<input checked="" type="checkbox"/> construction permit	<input checked="" type="checkbox"/> contaminated soils
<input type="checkbox"/> open, but closure	<input checked="" type="checkbox"/> special wastes *
<input type="checkbox"/> pending	other:

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

Paper pulp, shredded foam, food product waste.

#### Site Size:

Total area of facility property: 195.4 acres

Total area sited for use: 195.4 acres

Total area permitted: 125 acres

Operating: 31.6 acres

Not excavated: 93.4 acres

Current capacity: 10,780,000 yds<sup>3</sup>

Estimated lifetime: 22 years

Estimated days open per year: 272 days

Estimated yearly disposal volume: 330,000 yds<sup>3</sup>

(if applicable)

Annual energy production:

Landfill gas recovery projects N.A. megawatts

Waste-to-energy incinerators: N.A. megawatts

## SELECTED SYSTEM

### FACILITY DESCRIPTIONS

Facility Type: Type III Landfill

Facility Name: Range Road Property (Type III) Detroit Edison Co.

County: Huron Location: China Twp. Town: 4N Range: 16E Section(s): 12

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: n.a.

Public ☐ Private ☒ Owner: Detroit Edison

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

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

#### Site Size:

Total area of facility property: 456.47 acres

Total area sited for use: 456.47 acres

Total area permitted:

Operating: 456.47 acres

Not excavated: N.A. acres

Current capacity: 18,750,000 yds<sup>3</sup>

Estimated lifetime: 75 years

Estimated days open per year: 300 days

Estimated yearly disposal volume: 250,000 yds<sup>3</sup>

(if applicable)

Annual energy production:

Landfill gas recovery projects: N.A. megawatts

Waste-to-energy incinerators: N.A. megawatts



## SELECTED SYSTEM

### SOLID WASTE COLLECTION SERVICES AND TRANSPORTATION:

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

The existing collection and transportation system, as described in pages II-6, II-7 will continue to serve the needs of Huron County. The private solid waste companies doing business in the county may vary somewhat over time due to municipal contracts and other factors.

### 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		
	<u>Current</u>	<u>5th yr</u>	<u>10th yr</u>
No county based initiatives identified but local efforts encouraged. Efforts will be encouraged by the Huron County Board of Commissioners when a solid waste or conservation situation arises and input is deemed appropriate. Each commissioner, knowing the plan's intent, will further educate constituents on the SWMP's direction and intent.			

### 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 Space Conserved Yds <sup>3</sup> /Yr		
	<u>Current</u>	<u>5th yr</u>	<u>10th yr</u>
Private solid waste company techniques would include compacting, baling, shredding, etc. Air space conserved not available at this time. In addition, Board of Commissioners will encourage local efforts as outlined in CONSERVATION efforts in previous heading			

## SELECTED SYSTEM

### Overview of Resource Recovery Programs:

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

Currently all recycling and composting programs are completed at the local municipal level or contracted to private business, again through local municipalities. There are several communities that have a recycling effort in place and some also have a composting program. Types of recyclables and compost material that are accepted into these programs vary somewhat but generally include: plastic, newspaper, glass and metal. One location also offers collection of corrugated and other papers. Details on materials can be noted in the Tables on pages III-13 and III-14.

Volumes have been impossible to determine for individual communities using the private haulers. This is because the two haulers do not distinguish the recovered materials of Huron County from the contracts they have with other counties. For this reason diversion volumes have been estimated based on Huron County percentage of total waste stream of the receiving facilities. See page II-1 for details.

In the past, Huron County has been involved in countywide recycling and composting efforts. Unfortunately these programs have been completely eliminated for a variety of reasons, but primarily due to the financial burden of running the programs. Because Huron County government is not specifically in the business of solid waste or resource recovery programs, the local Committee and officials have made a conscious decision to defer any involvement or programs to the local municipalities and their selected solid waste contractors.

Huron County certainly recognizes the value of resource recovery programs and continues to urge local municipalities, businesses and individuals to practice the various resource recovery programs available.

Recycling programs within the County are feasible. Details of existing and planned programs are noted above.

Composting programs within the County are feasible. Details of existing and planned programs are noted above.

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: Currently this practice is not conducted by private company which is a primary need of this plan implementation. In addition, even as the need for this service can be argued, it takes an expertise to plan for the proper collection and disposal of said materials. This involves an expense that is not included in any known budget.

## SELECTED SYSTEM

### RECYCLING AND COMPOSTING

The following is a brief analysis of the recycling and composting programs selected for the County in this Plan. Additional information on operation of recycling and composting programs is included in Appendix A. The tables on subsequent pages 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. It is not this Plan update's intent to prohibit additional programs or expansions of current programs to be implemented beyond those listed.

Currently all recycling and composting programs are completed at the local municipal level or contracted to private business, again through local municipalities. There are several communities that have a recycling effort in place and some also have a composting program. Types of recyclables and compost material that are accepted into these programs vary somewhat but generally include: plastic, newspaper, glass and metal. One location also offers collection of corrugated and other papers. Details on materials can be noted in the Tables on pages III-13 and III-14.

Volumes have been impossible to determine for individual communities using the private haulers. This is because the two haulers do not distinguish the recovered materials of Huron County from the contracts they have with other counties. For this reason diversion volumes have been estimated based on Huron County percentage of total waste stream of the receiving facilities. See page II-1 for details.

In the past, Huron County has been involved in countywide recycling and composting efforts. Unfortunately these programs have been completely eliminated for a variety of reasons, but primarily due to the financial burden of running the programs. Because Huron County government is not specifically in the business of solid waste or resource recovery programs, the local Committee and officials have made a conscious decision to defer any involvement or programs to the local municipalities and their selected solid waste contractors.

Huron County certainly recognizes the value of resource recovery programs and continues to urge local municipalities, businesses and individuals to practice the various resource recovery programs available.

TABLE III-1

RECYCLING:

<u>Program Name</u>	<u>Service Area</u> <sup>9</sup>		<u>Public or Private</u>	<u>Collection Point</u> <sup>11</sup>	<u>Collection Frequency</u> <sup>12</sup>	<u>Materials</u>	<u>Program Management Responsibilities</u> <sup>10</sup>	
	<u>Operation</u>	<u>Evaluation</u>					<u>Collected</u> <sup>13</sup>	<u>Development</u>
Village of Caseville	Village of Caseville		3	C	W	A,B,C,DE,F		
WM	Sherman Twp.		5	D	M	A,B,E,F	5	5
Cove Sanitation	Village of Elkton		5	C	W	A,B,E,F	3	3
Cove Sanitation	Village of Ugly		5	C	B	A,B,E,F	3	3
Cove Sanitation	City of Bad Axe		5	C	W		3	3
Cove Sanitation	City of Harbor Beach		5	C	W		3	3
Cove Sanitation	Village of Pigeon		5	C	B		3	3
WM	Sand Beach Twp.		5	D	W		3	3

<sup>9</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>10</sup> Identified by 1 = Designated Planning Agency; 2 = County Board of Commissioners; 3 = Department of Public Works; 4 = Environmental Group  
5 = Private Owner/Operator; 6 = Other

<sup>11</sup> Identified by c = curbside; d = drop-off; o = onsite; and if other, explained.

<sup>12</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>13</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.

TABLE III-2

COMPOSTING:

<u>Program Name</u>	<u>Service Area</u> <sup>14</sup>	<u>Public or Private</u>	<u>Collection Point</u> <sup>16</sup>	<u>Collection Frequency</u> <sup>17</sup>	<u>Materials</u>	<u>Program Management Responsibilities</u> <sup>15</sup>	<u>Collected</u> <sup>18</sup>	<u>Development</u>
	<u>Operation</u> <u>Evaluation</u>							
Village of Caseville	Village of Caseville	3	C,D	Sp,Fa	G,L,W	3	3	3
Village of Ubly	Village of Ubly	3	C,D	W,D	G,L,W	3	3	3
Cove Sanitation	Village of Elkton	5	C	Sp,Su.	G,L,	3	3	3
Cove Sanitation	Village of Elkton	5	C	W,Fa.	W,P	3	3	3
City of Harbor Beach	City of Harbor Beach	3	C,D	b	G,L,W	3	3	3
Village of Kinde	Village of Kinde	3	O	b, Sp,Su,Fa	G,L,W	3	3	3
Cove Sanitation	City of Bad Axe	5	C	b,Sp.Fa.	G,L,W	3	3	3

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

<sup>14</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>15</sup> Identified by 1 = Designated Planning Agency; 2 = County Board of Commissioners; 3 = Department of Public Works; 4 = Environmental Group (Identified on page -); 5 = Private Owner/Operator; 6 = Other

<sup>16</sup> Identified by c = curbside; d = drop-off; o = onsite; and if other, explained.

<sup>17</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>18</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.

TABLE III-3

SOURCE SEPARATION OF POTENTIALLY HAZARDOUS MATERIALS:

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

<u>Program Name</u>	<u>Service Area</u> <sup>19</sup>	<u>Public or Private</u>	<u>Collection Point</u> <sup>21</sup>	<u>Collection Frequency</u> <sup>22</sup>	<u>Materials Collected</u> <sup>23</sup>	<u>Program Management Responsibilities</u> <sup>20</sup>		
						<u>Development</u>	<u>Operation</u>	<u>Evaluation</u>

No programs identified.

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

<sup>19</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>20</sup> Identified by 1 = Designated Planning Agency; 2 = County Board of Commissioners; 3 = Department of Public Works; 4 = Environmental-Group (Identified on page ??); 5 = Private Owner/Operator; 6 = Other

<sup>21</sup> Identified by c = curbside; d = drop-off; o = onsite; and if other, explained.

<sup>22</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>23</sup> Identified by the materials collected by listing of the letter located by that material type. AR = Aerosol Cans; A = Automotive Products except Used Oil, Oil Filters & Antifreeze; AN = Antifreeze; B1 = Lead Acid Batteries; B2 = Household Batteries; C = Cleaners and Polishers; H = Hobby and Art Supplies; OF = Used Oil Filters; P = Paints and Solvents; PS = Pesticides and Herbicides; PH = Personal and Health Care Products; U = Used Oil; OT = Other Materials and identified.

SELECTED SYSTEM

IDENTIFICATION OF RESOURCE RECOVERY MANAGEMENT ENTITIES:

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

Environmental Groups:

None

Other:

Village of Caseville – Recycling and Composting Program  
Village of Elkton – Recycling and Composting Program  
Village of Pigeon – Recycling Program  
Village of Ubley – Recycling and Composting Program  
City of Bad Axe – Recycling and Composting Program  
City of Harbor Beach – Recycling and Composting Program  
Sherman Twp/Waste Management – Recycling Program  
Sand Beach Twp./Waste Management – Recycling Program

## SELECTED SYSTEM

### PROJECTED DIVERSION RATES:

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

<u>Collected Material:</u>	<u>Projected Annual Tons Diverted:</u>			<u>Collected Material:</u>	<u>Projected Annual Tons Diverted:</u>		
	Current	5th Yr	10th Yr		Current	5th Yr	10th Yr
A. TOTAL PLASTICS:	<u>156</u>	156	<u>156</u>	G. GRASS AND LEAVES:	_____	_____	
B. NEWSPAPER:	1230	<u>1230</u>	<u>1230</u>	H. TOTAL WOOD WASTE:	_____	_____	
C. CORRUGATED CONTAINERS:	<u>403</u>	<u>403</u>	<u>403</u>	I. CONSTRUCTION AND DEMOLITION:	_____	_____	
D. TOTAL OTHER PAPER:	<u>89</u>	<u>89</u>	<u>89</u>	J. FOOD AND FOOD PROCESSING:	_____	_____	
E. TOTAL GLASS:	<u>179</u>	<u>179</u>	<u>179</u>	K. TIRES:	_____	_____	
F. OTHER MATERIALS:				L. TOTAL METALS:	<u>179</u>	<u>179</u>	<u>179</u>
F1. <u>Tin</u>		_____	_____	F3. _____	_____	_____	
F2. <u>Mag</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.

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



## SELECTED SYSTEM

### EDUCATIONAL AND INFORMATIONAL PROGRAMS:

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

No programs are offered at the County level at this time. In addition, no local agency programs could be identified. Local municipalities offer brochures on their own recycling program details but not considered a Program.

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

N.A.

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

<sup>2</sup> Identified by w = workshop; r = radio; t = television; n = newspaper; o = organizational 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. In addition if the program is limited to a geographic area, then that county, city, village, etc. is listed.

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

SELECTED SYSTEM

**1 TIMETABLE FOR SELECTED SYSTEM IMPLEMENTATION**

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

TABLE III-7 Not Applicable

Management Components	Timeline
Encourage municipal, business and residential programs	Ongoing

## SELECTED SYSTEM

### SITING REVIEW PROCEDURES

#### AUTHORIZED DISPOSAL AREA TYPES

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

New Sanitary Landfill, Transfer Station, Processing Plant, Solid Waste incinerator or any other type of waste disposal system other than what specifically mentioned, allowed for and in place at the time of this plan's approval.

#### 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. This section presents all of Huron County's siting criteria for the existing Type II landfill in the County.

Huron County has sufficient landfill capacity, utilizing the three listed facilities for the 10 yr. planning period. There are no siting criteria for new facilities of any kind. The existing Cove Landfill must comply with the criteria noted below in order to fully utilize their existing facility site. Any proposal to site or expand a facility must be evaluated only against the criteria specified below.

#### **EXISTING FACILITY SITING CRITERIA**

Criteria for Cove Landfill of Bad Axe include:

- A 100' setback into the Cove Landfill property from adjoining property lines and from public road right of way.
- A 125' total height restriction.
- An agreement be signed by Cove Landfill to construct a 12' berm before operating any cells that do not already have a DEQ operating license.
- Berm be completely constructed before additional cells of the facility be given an operating license, as outlined by State of MI.



RETURN TO  
APPROVAL  
LETTER

## SELECTED SYSTEM

### **SOLID WASTE MANAGEMENT COMPONENTS**

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

It is the intent of the Huron County Board of Commissioners and the Solid Waste Management Committee to complete this plan as mandated by the State of Michigan. Any necessary reporting will be processed by the DPA. Any future proposals will be evaluated by the existing SWMP Committee. Aside from this, no actual management is expected. The existing landfill will operate under DEQ regulations as it has successfully in the past. No other activity is anticipated at this time.

SELECTED SYSTEM

**IDENTIFICATION OF RESPONSIBLE PARTIES**

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

**With the exception of the Disposal Areas and Plan Update sections, the following areas have no management responsibility listed at the County level as no specific programs have been identified.**

**Resource Conservation:** Source or Waste Reduction; Product Reuse; Reduced Material Volume; Increased Product Lifetime; Decreased Consumption.

**Resource Recovery Programs:** Composting; Recycling; Energy Production.

**Volume Reduction Techniques:**

**Collection Processes:**

**Transportation:**

**Disposal Areas:**

Processing Plants; Incineration; Transfer Stations; Sanitary Landfills

Huron County Board of Commissioners will have management responsibility for the Siting Criteria for landfills in Huron County.

**Ultimate Disposal Area Uses:**

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

Huron County Board of Commissioners, the SWPC as appointed, and the current designated planning agency.

**Educational and Informational Programs:**

Documentation of acceptance of responsibilities is contained in Appendix D. **No programs identified.**

## LOCAL ORDINANCES AND REGULATIONS AFFECTING SOLID WASTE DISPOSAL

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

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

☐ 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:

X 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.



RETURN TO  
APPROVAL  
LETTER

## 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.

- X        This County has more than ten years capacity identified in this Plan and an annual certification process is not included in this Plan.

At a minimum, Huron County has solid waste capacity for its residential and commercial solid waste by utilizing Cove Landfill of Bad Axe, Inc. and has capacity for Detroit Edison fly ash using its private Detroit Edison Range Road facility.

As shown on page II-1, Huron County generated 89,815 cubic yards of Type II solid waste needing disposal. In addition, 71,897 cubic yards of waste were received from Tuscola and Sanilac Counties. Using a 2:1 compaction ratio on this total of 161,712 cubic yards, this equals 80,856 cubic yards of Type II being disposed of each year. Type III waste for 1998 equaled 11,352 cubic yards, with no compaction ratio.

In County - Cove Landfill of Bad Axe, Inc. shows a current capacity of 1,150,000 cubic yards (pg II-3) or 11+ years for Type II waste. This does not take into consideration, pending changes to the plan which will increase this capacity even more. Type II waste calculated above equals 80,856 yards per year, so 808,560 cubic yards of space is required for 10 years.

In addition, Tri City Landfill of Sanilac County has available capacity for Huron County which is not calculated.

Out of County - Detroit Edison Range Rd. facility shows a current capacity of 18,750,000 cubic yards (pg II-5) or 75 years. This is the only Type III waste facility available for Huron's noted 11,352 cubic yards of Type III waste, thus it is tracked separately here.

As you can see, a 10 year capacity for all Huron County solid waste needs has been demonstrated using the above calculations.

SELECTED SYSTEM

# APPENDIX

ADDITIONAL INFORMATION

REGARDING THE

SELECTED

SYSTEM



## ATTACHMENTS

### EVALUATION OF RECYCLING

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

The recycling programs in place in Huron County are directly impacted by the involvement of the local municipality. Those communities that contract with a private hauler, pay for the service and have system in place for collections. The items to be recycled are chosen by the private company as items that have an adequate resale market and are otherwise feasible for collection and processing.

The primary impediment to implementing a system in the Villages would be the additional charges associated with this service and the municipality unwillingness to pay this. Townships are primarily covered by private curbside contracts and so each household would need to make this same financial decision.

Environmentally, it is expected that increased recycling efforts would prolong the existing capacity of current landfills, thus reducing the need for increased landfill space. Economic benefits to consumers of Huron County cannot be readily identified, although an extended lifetime of existing landfills may keep solid waste disposal costs lower than if a new or expanded facility were needed.

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

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

Items that are currently available for recycling are dictated by what the two private haulers will accept. These include newspapers, clear glass, tin and plastics.

In addition, the Village of Caseville have their own recycling program which also provides for the collection of corrugated materials and other paper.

Volumes of each material type are not collected by private haulers. Caseville current volume of the materials in tons are as follows: plastic 3.19; newspaper 9.56; corrugated 184.5; glass 76.02; tin 8.74; mag 8.06 for a total of 290.07 tons.

Composting programs, if available, collect grass, leaves and wood products with one municipality also collecting paper products.

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:

All programs are through contract between municipality and private company. We understand that the location for private haulers recycling programs are the MRF facilities in Tuscola and Sanilac Counties.

## **ATTACHMENTS**

### **Equipment Selection**

Existing Programs: MRF facilities in Tuscola and Sanilac Counties  
Proposed Programs: MRF facilities in Tuscola and Sanilac Counties

### **Site Availability & Selection**

Existing Programs: MRF facilities in Tuscola and Sanilac Counties  
Proposed Programs: MRF facilities in Tuscola and Sanilac Counties

### **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:** Unknown

### **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.

Because Huron County has deferred all programs involvement to the municipalities, any contracts, coordination, etc. would be at the local municipality level. Ultimate responsibility for implementing the SWMP rests with the Huron County Board of Commissioners as part of its general duties of governance. Any county-level decisions affecting current or anticipated programs for solid waste management will be made by the BOC after consultation with the standing SWMP Committee.

**COSTS & FUNDING:** These programs are either not available in Huron County or are owned and managed by private company, making costs and funding not applicable for planning purposes.

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.

## ATTACHMENTS

### **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:

The Huron County committee goal is to maintain the existing system, as it has worked successfully for all public and private parties involved. In the past, the County has worked on recycling and composting efforts only to find costs prohibitive, expertise is needed in this specialized field and private companies are already offering excellent services that are believed to be in the best interests of all Huron County residents.

### **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 which also constitutes the basis for choosing the Selected System.

#### **ADVANTAGES:**

- System is already functioning – no need to invent a new system
- Efficient service collection system is in place for Huron County
- Expertise of private companies in their field has shown that program runs smoothly and in accordance with State and Federal regulations.
- This system is acceptable to the residents of Huron County as indicated by the activity of the existing operations and public comment.
- Existing system is a viable tool for working to achieve the County's goals as well as the Michigan Solid Waste Policy goals.

#### **DISADVANTAGES:**

- Difficulty on the part of DPA in securing information from the private companies on recycling and composting programs and subsequent impact on solid waste disposal needs.

## ATTACHMENTS

### 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.

#### **EVALUATION SUMMARY OF NON-SELECTED SYSTEM:**

The one and only 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.

The non-selected alternative system that was addressed in this plan is that of an energy producing facility using solid waste as its primary source of fuel. This alternative would have required extensive studies regarding technical and economic feasibility and did not fit with the County and Committee goal of maintaining the existing satisfactory system.

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

## ATTACHMENTS

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:

- Uses the entire County waste stream
- Does not require an ever-increasing access to land.
- 

### DISADVANTAGES:

- Economically prohibitive to engineer and run a plant
- Not a generally acceptable alternative to the public
- Unknown environmental hazards that may surface
- Limited waste stream of Huron County peninsula proves impractical.
- Does not promote resource conservation efforts and is counterproductive to such efforts
- The transportation network up into the Huron County peninsula does not allow for ideal access from out of county markets.

## 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.

- Winter 1997 and Spring 1998 – Planning Committee formed using DEQ guidelines for area representatives and approved by the Huron County Board of Commissioners.
- Summer 1998 – Information gathered for database section of SWMP through interviews of public service representatives and from internal resources.
- October 15, 1998 – First discussion group of the SWM Committee meets to review database information collected and discuss topics that will require decisions. Committee members to invite public comment at township meetings and as opportunity arises.
- December 2, 1998 – Meeting of the SWMC held to begin decision making process on sections of plan.
- January 27, 1999 – Meeting of the SWMC held and all decisions finalized regarding plan after reviewing public comments and much discussion.
- January 27, 1999 meeting minutes document the approval of the draft SWMP and its introduction to 90 day public review.
- February 23, 1999 – Notice of 90 day review for public comment and notice of public hearing published in Huron Daily Tribune.
- April 28, 1999 – Public hearing for review of proposed SWMP.

The updated SWMP was approved by the County SWMP Committee on August 25, 1999

The updated SWMP was approved by the Huron County Board of Commissioners on Sept. 14, 1999.

The updated SWMP was submitted to the municipalities within Huron County on September 16 1999.

The updated SWMP was approved by 67% of the municipalities in Huron County in November 1999

The updated SWMP was submitted to the MI DEQ on November 29, 1999.

The updated SWMP was approved by the MI DEQ on \_\_\_\_\_, 1999.

## ATTACHMENTS

**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, County board of commissioners, and municipalities.

See above.

The following are the minutes from meetings of 12-2-98, 1-27-99, 4-28-99. Public posting was made as well as specific and general written notice and invitation to known interested parties from public.

### **12/2/98 Minutes**

- A. Huron County Solid Waste Planning Committee
- B. Minutes of Meeting - December 2, 1998
- C. Members Present - Dave Lewis, Fred Hambleton, Virgil Bouck, Ken Gwisdalla, Martha Thuemmel, Clay Kelterborne, Matt Kanarian, Dale Lipar, Carl Osentoski.
- D. Public Present - Bob Becking, Wayne Jurgess, Amy Braun.
- E. Agenda Items

#### **F. Import/Export Authorizations**

The requirements of the solid waste planning document were outlined, which are to identify all counties that Huron County wishes to authorize solid waste imports and exports with. The status of the old/existing plan was outlined, with all listed counties noted. Export: Sanilac, Lapeer, St. Clair Range Rd., Tuscola, contingency with Saginaw and Shiawassee. Import from Lapeer, Sanilac, Tuscola, contingency with Saginaw, Shiawassee, St. Clair.

This was the basis for discussion that followed. Details and ramifications of an agreement with each of the counties was discussed. Question was raised whether Committee needed to authorize type of waste as well as which counties. It was noted that Import is limited to Type II solid waste, which is what Cove Landfill is licensed for. Type II was described as essentially household, commercial, demolition and basic industrial waste. Special medical waste, chemicals and items needed special handling are not Type II waste.

Specific discussion was held on the status of closed Pioneer Rock facility in Lapeer county and the impact on Cove Landfill. It was noted by Cove representatives that geographically and logically Lapeer waste will go to landfills to the South and not to Cove. They estimated that approximately 5% of Cove's current solid waste received comes from Lapeer County and specifically 1 or 2 northern communities of the county. They do not expect that percentage to change even with the Lapeer landfill permanently closed.

Committee then outlined the following authorizations for the Plan. Primary Export: Sanilac, St. Clair Range Rd. Facility. Contingency Export: St. Clair. Primary Import: Sanilac, Tuscola, Lapeer. Contingency Import: St. Clair. The above counties have all expressed an interest in agreements. In addition it was requested that contingency arrangements be requested of Saginaw County. If unavailable, then contingency request would be made of Genessee County.

## ATTACHMENTS

### G. Siting Criteria

It was noted that generic siting criteria had essentially been removed as compared to the old/existing plan. Several attempts were made to modify the existing siting criteria to match new DEQ requirements which call for much more specific and technical details for siting. At the suggestion of the DEQ, it was noted that Huron County was not required to include siting criteria because of its ability to demonstrate 10 year solid waste capacity. Every 5 years, the County will be asked to demonstrate this 10 year capacity. If capacity falls below 10 years, either siting criteria must then be written into the plan or else additional capacity needs to be negotiated through export authorizations.

Concerns were raised that having no siting criteria would allow a prospective landfill to locate in the county and that control would be taken away from the county. It was noted that the proposed plan specifically prohibits the creation of a new landfill in Huron County. If a request were made to site a new landfill, it would have to be addressed to the SWPC. At that time the committee could deny the request or could entertain discussions with the prospective landfill. Opinions were voiced that this option gives the County optimum control, since any request would have to be addressed to the SWPC and County. An example of another county's siting criteria On the other hand if siting criteria were included in the plan, a prospective landfill could meet the criteria and site a landfill without ever having to meet with or gain approval from the SWPC and County. An informal poll of the Committee members was taken on whether or not to continue with the "no siting criteria" strategy. After further discussion on County and DEQ controls, it was agreed to continue with no general siting criteria.

### H. Cove Landfill Setback Request

Cove Landfill has a request before the SWPC to address the issue of property line setbacks on its existing facility. The old/existing plan called for 500' setbacks. Cove Landfill was requesting a 100' setback for the new plan. Any decision made on this request would be included in the Plan, and be specific to the Cove Landfill site.

A map of the Cove Landfill, volumes and estimated landfill lifetimes were distributed (see attached). Details of the volumes and lifetime were then discussed. The facility life estimates include projected growth. It was noted by Cove representative that the facility could double its solid waste intake in the next 5-7 years if current trends continued. Questions then followed on these growth projections and the sources of the solid waste. It was verified that the 500' setback – 11 year lifetime was based on existing volume. The 300' and 500' setbacks and lifetime took into account the possibility of substantial growth.

A question was raised of could the committee approve a 300' setback at this time and then look at the possibility of a 100' setback in the future. It was explained by Cove representative that the site needed substantial engineering work completed which must take into account the setback and the height in order to engineer the site. It would be extremely difficult and expensive to re-engineer and change the facility years down the road to accommodate a 100' setback.

Discussion then moved to the height of the facility based on the various setbacks. A formula was presented which estimated the following:

Existing facility is approximately 62' high at highest point.  
Proposed 100' setback would equal approximately 125' at highest point.  
300' setback would equal 95' at highest point.

The question was then asked by Committee member, what does the County gain by allowing the 100' setback? The following points on 100' setback were made in the discussion that followed:

- Allowed for at least 7 years lifetime capacity over the 300' setback.



## ATTACHMENTS

- Required that the entire facility be nicely burned and landscaped to make it more esthetically pleasing. It was noted that Cove would work cooperatively with local officials to make landscaping agreeable for the area.
- It was noted that Sheridan Twp. would receive an estimated additional \$250,000 in tipping fees due to the extended estimated lifetime.
- It would use the existing permanent landfill to its fullest capacity, rather than the possibility of expanding the facility to include new land.
- Possibility of a 300' ski hill.

The following points were made regarding the negative impact of the facility:

- Water run-off problems for neighboring property.
- Great height of the capped facility.
- More waste in Huron County.

Extensive discussion then followed on the history of the run-off problem at the facility, parties involved, and remedial action that Cove has taken to this point.

A motion was made by M. Thuemmel, recommending a 300' setback for the facility. Further discussion followed on the water run-off. An explanation was given on how the water is now handled. The water is collected and routed to a section of the Cove property. There it evaporates into the air. The water was offered to neighboring farmers for irrigation purposes, but that decision has not yet been finalized. A vote was initiated with Thuemmel, Knarian in favor of the 300' setback, Gwisdalla, Bouch, Kelterborne opposed, 2 non votes by Hambleton and Lewis. Motion defeated.

At this time, it was noted that there was much new information to consider and would a follow up meeting be appropriate? Discussion followed on Cove's need for a decision as they were behind schedule on their planning/engineering needs. At this time, the meeting was moved to another location in the building.

Upon reconvening, the discussion continued on water run-off. Specific problems in the past by neighboring property owners were shared. Extensive discussion followed on whether problems had been taken care of or were attributed to a dry year. Cove representatives went into lengthy detail of the permitting process with the DEQ, as well as the mechanics of how the recently developed water system worked. They noted that the DEQ had approved all of the recent (18months ago) changes to the water run-off system and that any new engineering and facility setbacks put into place would be fully monitored by and in compliance with the DEQ.

A question was then raised about road improvements near the facility. It was noted that through correspondence with the H.C. Road Commission, Cove uses a two mile stretch of McTaggart Rd. Because this road is gravel, Cove pays for additional brining on the road as well as self imposed reduced speed limits. When questioned about specific road improvements, Cove noted that they have volunteered \$60,000 (40% of cost) to build up a ¾ mile stretch of the road. This route would impact area residents much less as well as benefit Cove's routing.

A final question was addressed to Cove representatives. What is the benefit to residents to have the landfill? The response was that Cove purchased and cleaned up a hazardous out-of - compliance landfill which is of direct benefit to residents. Some of the other benefit discussion points were also mentioned again.

## ATTACHMENTS

A final note was made for the record regarding the approval process. Although 100' setbacks were allowable and approved by the DEQ, it is understood that the request has always had to go through the local channels, including the SWPC and County.

A motion was made to close the meeting, review all of the meeting discussion points and reconvene as soon as possible to make a determination on the Cove request as well as approve a draft Plan for public comment.

### 1-27-99 Minutes

#### Huron County Solid Waste Planning Committee

Minutes of Meeting – January 27, 1999

#### Members Present

Dave Lewis, Fred Hambleton, Virgil Bouck, Ken Gwisdalla, Martha Thuemmel, Clay Kelterborne, Ted Leiprandt, Matt Knarian. Ex-officio Members: Dale Lipar, Carl Osentoski.

Public Present - Bob Becking, Duane Jurgess, John Cieslinski, Clarence Heleski, Josephine Wolschleger, Amy Braun.

#### Agenda Items

Osentoski opened the meeting with roll call, followed by review of the agenda. After review of where discussion had left off at the December 2, 1998 meeting, a letter was distributed to the Committee that had been sent from a Sheridan Twp. resident. See letter attached. Discussion on agenda item was then introduced.

#### Setback Requirements

First point of discussion centered on possible height of a berm placed around the Cove Landfill. State of Michigan requires an 8 ft high berm, with a fence or natural screening on top of this berm. It was noted that these were State minimum requirements before a license would be issued to the facility for its expansion request, so the site would be fully bermed and landscaped before the expansion were approved. The SWPC could modify these requirements if desired.

The second point of discussion was regarding the truck route used by Cove. This is a point of concern among Sheridan Twp. residents and so discussed by the Committee. McMillan Rd. to Atwater is the shortest route to a Class A road which is also the State requirement. Due to complaints and threats by a resident on McMillan Rd., Cove has been directed by local officials to use McTaggart Rd. This solution has been a concern for both Cove and many residents in that this route impacts several households and children. It is also 2 ½ miles of dirt road for the trucks to travel. Self imposed speed limits have been set by Cove as well as additional bonding and brining maintenance of the road in an attempt to improve safety conditions. It is Cove's position, that they would like to use the McMillan Rd. route. A meeting between Cove Landfill, Sheridan Twp., and the Huron County Road Commission was held. Cove has offered to pay for 1/3 of the cost to bring McMillan Rd. to Class A status, at a value of \$65,000. Sheridan Twp. also had 1/3 of the cost covered. It appears that in order to secure State funding for the final 1/3, there are ingress and egress rules to follow which would require that the road be built another 2-3 miles to M-53. It was noted that if the County Road Commission or other local funds were used to pay for this last 1/3, the State requirement and substantial additional cost would not be necessary.

## ATTACHMENTS

Discussion followed on what authority local jurisdictions had to limit use of McMillan Rd. as well as what right a resident had to threaten truck traffic. Without further information, this topic was set aside with the idea that the topic was of prime concern and should be followed up with Huron County Road Commission and local officials but could not be remedied by the SWPC.

Final comments on this topic include Cove's reaffirming their commitment to McMillan Rd. improvements and offer of \$65,000 or approximately 1/3 of the estimated cost.

Committee members were then asked for any further thoughts. Knarian said that the landfill topic had been broached at the last Sheridan Twp. meeting. A lot of open discussion at that time, much of it similar to the content of the correspondence sent to the Committee as well as concerns over out of state and out of country waste coming to the facility. He had spoken with neighboring landowners Mr. Heleski and Mr. VanErp. VanErp acknowledged that there had been no water problems in the past year although it was a very dry year. Mr. Heleski was present and had a concern about water as well, and a drainage ditch that was supposed to be installed. He said there was no ditch along the property line to drain water away from his land. Mr. Hambleton of Cove noted that due to a possible discrepancy in the actual location of the property line, Cove had indeed dug the ditch but did so further inland on their property, inside of a service road that travels near the property line. This was done with DEQ input and approval. Because the ditch is not visible from the property line, Mr. Heleski was not aware of this. Mr. Hambleton invited Mr. Heleski to visit Cove and see that the ditch and water issue had indeed been addressed.

Public representatives from Sheridan Twp. agreed with Mr. Knarian that Twp. concerns were similar to those of D. Leppek's letter (attached). Mr. Hambleton asked if he could respond to those concerns.

Regarding contamination and groundwater contamination, DEQ requires stringent monitoring and testing. Cove invested heavily in the cleanup of the facility when they purchased it and the facility now meets DEQ requirements. All future work is also closely monitored by DEQ. In addition, Cove pays fees into a fund called a Perpetual Care Fund. This money is paid with the sole use of the perpetual care of the Cove Landfill, upon its closing or upon any contamination work required after its closing. This fund, depending on the setbacks (thus amount of waste accepted) would reach approximately \$1.8 million at the time of closing, in addition to interest earned on the funds. These funds are to be used only for this purpose and at this location.

In addition, Cove Landfill is one of very few landfills across that State that has a double liner system for its waste cells. So if a primary liner were to leak, a secondary liner would catch all leaks. This secondary liner is pumped daily and tested quarterly according to DEQ specifications, so any findings would be seen immediately by the DEQ.

Regarding road concerns, Cove has the same concerns and would like to work with local officials to improve the situation. (See discussion in minutes above.)

Regarding ski hill, Mr. Hambleton went on record as saying that they are not themselves interested in a ski hill. It was offered as an option to the community, during discussion at a committee meeting a few years back. The hill itself would be of no advantage to the company. Mr. Osentoski confirmed that Cove had offered the possibility but after no feedback or negative feedback, the issue was dropped.

Mr. Knarian then mentioned the actual setback options discussed. At the last meeting, a 300' setback with no landscaping and a 100' setback with landscaping were discussed. He said the Sheridan Twp. sentiment seemed to be that 100' setback with 300' height restrictions and landscaping were acceptable. At this point Mr. Hambleton offered that a landscaping committee could be formed, comprised of Cove and Twp. representatives, to design an esthetically pleasing view.

It was clarified that the actual workable height of the 300' setback was approximately 90 to 100' while

## ATTACHMENTS

the theoretical height was 125'. It was noted by Ms. Thuemmel, that her opinion was that in the future Cove would put a request in to the Committee asking that the height restriction be lifted.

Mr. Leipprandt then addressed the berm and setback issue. It was his observation of landfills in Orion, Montrose and Grand Blanc areas that the setbacks seemed to be all 100' or less but that this seemed to be reasonable. It was asked how much higher the landfill would be than it is now. The answer was it would be about 33' higher, half again the height of the facility.

A motion was then made by Mr. Bouck to enter the following parameters into the Huron County SWMP: A 100' setback on the Cove Landfill property, with a 125' height restriction. Second by Mr. Kelterborn.

### Discussion:

A question was raised whether the 125' height in the motion was the 300' height setback. This was confirmed.

A question was raised by the public regarding the water runoff of a facility this height. It was noted that the entire site must be engineered to DEQ specifications, showing water storage and containment. Details were then shared on how this could be accomplished at the site.

A question was raised by the public on who would care for the facility when it was closed and Cove gone. The DEQ manages the perpetual care fund, so the State would be responsible for maintaining water pumps, monitoring, etc using the Cove Perpetual Care Fund of \$1.8 million plus interest.

Mr. Bouck then noted he would accept a friendly amendment to his motion.

Mr. Knarian amended that the height of the berm be 12', that it would have a fence and landscaping on top of the berm, and be completed before additional cells of the facility were licensed. Second by Mr. Kelterborn.

Roll Call Vote: Lewis-Y; Hambleton-Y; Bouck-Y; Gwisdella-Y; Thuemmel-N; Kelterborne-Y; Leipprandt-N; Knarian-Y. Motion carried 7 – 1.

Mr. Bouck asked that the minutes reflect and reaffirm the Committee's intent that a local committee work with Cove Landfill to design the berm.

### Plan Approval

A motion was made by Mr. Lewis to submit the Huron County Solid Waste Management Plan for public comment period of 90 days. Second by Mr. Gwisdella. Voice Vote: 7-1, with Ms. Thuemmel dissenting vote. Motion carried.

Mr. Osentoski noted that the Plan would be submitted to the DEQ, Import/Export Counties, and public libraries. If a member had any name to add, please let him know.

A final note was made by Mr. Leipprandt regarding the road issue and its importance to the community. Mr. Kelterborne agreed and urged Sheridan Twp, and Cove to continue their discussion with local road commission officials to come to a satisfactory resolution.

With no further business, meeting adjourned at 6:45p.m.

### 4/28/99 Public Hearing

A public hearing was held at the Huron County Courthouse Commissioners Meeting room at 6p.m. Designated Planning Agency staff on hand to record minutes of public comment. Two documents were

## ATTACHMENTS

noted and filed for this public comment: Commissioner representing Sand Beach Twp. refined database detail and DEQ 90 day review comments were also received.

Having no other public in attendance, public hearing was adjourned at 7:00p.m.

### Minutes of August 25, 1999

- Members Present

- Fred Hambleton, Virgil Bouck, Martha Thuemmel, Ted Leipprandt, Matt Knarian. Ex-officio Member: Carl Osentoski.

- Others Present

- Amy Braun.

- Agenda Items

- 

Purpose of meeting was to answer any final questions on Plan and vote on recommending to Huron County Board of Commissioners.

Discussion was held on setback decision and clarification of the height/setback. Members voiced their interpretation of the discussion and minutes and previous meeting discussions and the math used to calculate the height/setback was outlined by Hambleton. There was some variance in what was recalled by various members.

Question was then raised regarding the route into the landfill. SWPC can urge but not dictate to all parties that the shortest/best route should be used and this should be resolved with the property owner that is on this route. The Road Commission had been discussing it with Cove but nothing has been resolved.

Question on estimated lifetime of Cove as shown in the database section – it will stay as initially noted at this time.

A motion was made by Ted Leipprandt and supported by Virgil Bouck to make a recommendation to the Huron County Board of Commissioners to approve the SWMP, as recommended by the Huron County Solid Waste Planning Committee.

Discussion followed on what it takes to change the height – a full committee process as we are going through to approve plan now.

Vote: Yes: T. Leipprandt, V. Bouck, F. Hambleton. No: M. Thuemmel, M. Knarian.

M. Knarian thought database changes should be made to reflect current status. Discussion that information would be constantly changing and difficult to capture all information at the same point in time.

Meeting adjourned.

## ATTACHMENTS

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

Committee appointments were made by Huron County Board of Commissioners according to Planning Committee outline supplied by DEQ which specifies representative categories. The DPA compiled a list of potential members as well as took referrals from Board of Commissioners and other public interested. The DPA – Huron County EDC, addresses all activity required by Huron County.

## ATTACHMENTS

### **PLANNING COMMITTEE**

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

#### **Solid Waste Management Industry – 4 members**

Dave Lewis	MiTech
Fred Hambleton	MiTech
Bill McDonough, - Div. Pres.	Tri City Landfill
Dave Herberolz	City Management- Saginaw

#### **Environmental Interest Groups – 2 members**

Virgil Bouck	MI United Conservation Clubs
Kenneth Gwisdalla	

#### **County Government – 1 member**

Martha Thuemmel	Huron County Commissioner
-----------------	---------------------------

#### **City Government – 1 member**

Dave Hunter, past Mayor	City of Harbor Beach
----------------------------	----------------------

#### **Township Government – 1 member**

Clay Kelterborne	Lake Township
------------------	---------------

#### **Regional Solid Waste Planning Agency – 1 member**

Sue Fortune	East Central Planning
-------------	-----------------------

#### **Industrial Waste Generators – 1 member**

#### **General Public – 3 members**

Ted Leipprandt
Matt Knarian
Kathi J. Jahn – resigned

ATTACHMENTS  
MUNICIPALITY VOTE ON PLAN

Municipality	Vote	Rec'd
	Yes	No
Bingham Twp.		
Bloomfield Twp.	X	
Brookfield Twp.	X	
Caseville Twp.	X	
Chandler Twp.		
Colfax Twp.	X	
Dwight Twp.		X
Fair Haven Twp.		
Gore Twp.		
Grant Twp.	X	
Hume Twp.	X	
Huron Twp.	X	
Lake Twp.		X
Lincoln Twp.	X	
McKinley Twp.	X	
Meade Twp.	X	
Oliver Twp.	X	
Paris Twp.		
Pointe Aux Barques Twp.		
Port Austin Twp.		
Rubicon Twp.		
Sand Beach Twp.	X	
Sebewaing Twp.	X	
Sheridan Twp.		
Sherman Twp.	X	
Sigel Twp.	X	
Verona Twp.	X	
Winsor Twp.	X	
City of Bad Axe	X	
City of Harbor Beach	X	
Village of Caseville	X	
Village of Elkton	X	
Village of Kinde	X	
Village of Owendale		
Village of Pigeon	X	
Village of Port Austin	X	
Village of Port Hope	X	
Village of Sebewaing	X	
Village of Ubley	X	



TO: THE HONORABLE BOARD OF COMMISSIONERS  
HURON COUNTY  
MICHIGAN

Dear Lady and Gentlemen:

WE, the PUBLIC SAFETY COMMITTEE, respectfully beg leave to submit the following resolution for your consideration.

WHEREAS, the Huron County Board of Commissioners are responsible for the preparation of a solid waste management plan for the county; and

WHEREAS, the Board of Commissioners has been notified by the State of Michigan, Department of Environmental Quality, Waste Management Division that an update of its current plan is required by Part 115, Solid Waste Management of the Natural Resources and Environmental Act, 1994 PA 451 as amended; and

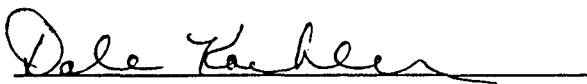
WHEREAS, the Board of Commissioners has appointed a Designated Solid Waste Planning Agency and a Huron County Solid Waste Management Plan Committee to develop an updated solid waste management plan according to Department of Environmental Quality guidelines; and

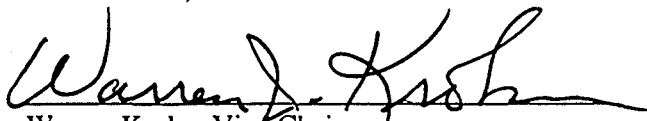
WHEREAS, the Solid Waste Management Plan Committee has prepared a Plan, following all State mandated procedures and is now recommending its approval by this Board of Commissioners.

THEREFORE BE IT, RESOLVED, that the Huron County Board of Commissioners do hereby approve the above referenced Solid Waste Management Plan and return it to the Designated Planning Agency for dissemination to all Huron County municipalities for 67% local approval and then on to the Department of Environmental Quality for final review and plan approval.

Respectfully Submitted,

PUBLIC SAFETY COMMITTEE

  
Dale Koehler, Chairman

  
Warren Krohn, Vice-Chairman

Dated: September 14, 1999

Roll Call: Ayes: Koehler, Krohn, Weitenberner, Jurgas, Wertz  
Nays: Townley, Thuemmel

ATTACHMENTS

RESOLUTION

TO: THE HONORABLE BOARD OF COMMISSIONERS  
HURON COUNTY  
MICHIGAN

Dear Lady and Gentlemen:

WE, of Caseville, Village of, respectfully beg leave to submit the following resolution for your consideration.

WHEREAS, the Huron County Board of Commissioners and its representatives on the Huron County Solid Waste Planning Committee are responsible for the preparation of a solid waste management plan for the county; and

WHEREAS, this plan must conform to State of Michigan, Part 115 of 1994 Public Act as amended and monitored by the Department of Environmental Quality; and

WHEREAS, in addition to State requirements, the Solid Waste Management Plan Committee has prepared a Plan that best represents the needs of the residents of Caseville, Village of and Huron County, including environmental responsibility and economic feasibility; and

WHEREAS, the Huron County Board of Commissioners has presented this Plan to us for review and vote.

THEREFORE BE IT, RESOLVED, that Caseville, Village of does hereby approve the above referenced Solid Waste Management Plan as presented.

Respectfully Submitted,

Caseville, Village of

  
Name Title

SIMON GUMMA, VILLAGE PRESIDENT

  
Name Title

CATHERINE A. JORDAN, CLERK

Dated: OCTOBER 11, 1999

ATTACHMENTS

#99-XX 06

RESOLUTION

TO: THE HONORABLE BOARD OF COMMISSIONERS  
HURON COUNTY  
MICHIGAN

Dear Lady and Gentlemen:

WE, of Elkton Village, respectfully beg leave to submit the following resolution for your consideration.

WHEREAS, the Huron County Board of Commissioners and its representatives on the Huron County Solid Waste Planning Committee are responsible for the preparation of a solid waste management plan for the county; and

WHEREAS, this plan must conform to State of Michigan, Part 115 of 1994 Public Act as amended and monitored by the Department of Environmental Quality; and


WHEREAS, in addition to State requirements, the Solid Waste Management Plan Committee has prepared a Plan that best represents the needs of the residents of Elkton Village and Huron County, including environmental responsibility and economic feasibility; and

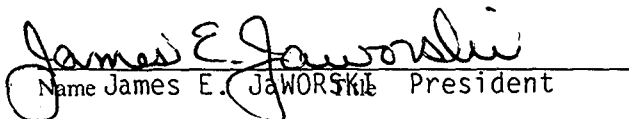
WHEREAS, the Huron County Board of Commissioners has presented this Plan to us for review and vote.

THEREFORE BE IT, RESOLVED, that Elkton Village does hereby approve the above referenced Solid Waste Management Plan as presented.

Respectfully Submitted,

Elkton Village Clerk

  
Name Lonna M. Fisher Title Clerk

  
Name James E. Jaworski President

Dated: 11-9-99

ATTACHMENTS

**RESOLUTION # 99-39**  
**HURON COUNTY SOLID WASTE MANAGEMENT PLAN**

At a regular meeting of the City Council of the City of Harbor Beach held on Monday, October 18, 1999 at City Hall and called to order at 1:30 p.m. by Mayor Ramsey, the following Resolution was presented:

Present: Ahrens, Schelke, VanDeVusse and Mayor Ramsey

Absent: Ingles

It was moved by VanDeVusse and seconded by Ahrens to adopt the following Resolution:

**WHEREAS:** The Huron County Board of Commissioners and its representatives on the Huron County Solid Waste Planning Committee are responsible for the preparation of a solid waste management plan for the County; and

**WHEREAS:** This plan must conform to State of Michigan, Part 115 of 1994 Public Act as as amended and monitored by the Department of Environmental Quality; and

**WHEREAS:** In addition to State requirements, the Solid Waste Management Plan Committee has prepared a Plan that best represents the needs of the residents of the City of Harbor Beach and Huron County, including environmental responsibility and economic feasibility; and

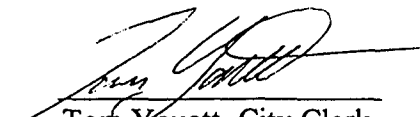
**WHEREAS:** The Huron County Board of Commissioners has presented this Plan to us for review and vote;

**NOW, THEREFORE BE IT RESOLVED** that the City Council of the City of Harbor Beach hereby approve the above referenced Huron County Solid Waste Management Plan as presented.

YEAS: Ahrens, Schelke, VanDeVusse and Mayor Ramsey

NAYS: None

ADOPTED: October 18, 1999

  
Tom Youatt, City Clerk

ATTACHMENTS

RESOLUTION

TO: THE HONORABLE BOARD OF COMMISSIONERS  
HURON COUNTY  
MICHIGAN

Dear Lady and Gentlemen:

WE, of Kinde, Village of, respectfully beg leave to submit the following resolution for your consideration.

WHEREAS, the Huron County Board of Commissioners and its representatives on the Huron County Solid Waste Planning Committee are responsible for the preparation of a solid waste management plan for the county; and

WHEREAS, this plan must conform to State of Michigan, Part 115 of 1994 Public Act as amended and monitored by the Department of Environmental Quality; and

WHEREAS, in addition to State requirements, the Solid Waste Management Plan Committee has prepared a Plan that best represents the needs of the residents of Kinde, Village of and Huron County, including environmental responsibility and economic feasibility; and

WHEREAS, the Huron County Board of Commissioners has presented this Plan to us for review and vote.

THEREFORE BE IT, RESOLVED, that Kinde, Village of does hereby approve the above referenced Solid Waste Management Plan as presented.

Respectfully Submitted,

Kinde, Village of

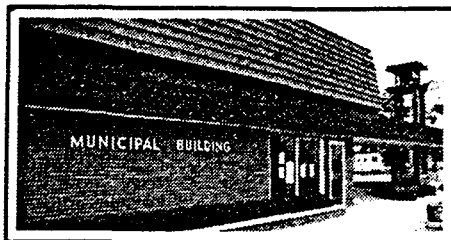
Daniel H. Garoske  
Name Title PRESIDENT

Jimmy Tom  
Name Title CLERK

Dated: NOV - 14 - 99



# VILLAGE OF PIGEON



P.O. Box 379 • 29 S. Main Street  
Pigeon, Michigan 48755  
Tel: 517-453-2733  
Fax: 517-453-3000  
Huron County

## RESOLUTION

TO: THE HONORABLE BOARD OF COMMISSIONERS  
HURON COUNTY  
MICHIGAN

Dear Lady and Gentlemen:

WE, of Pigeon, Village of, respectfully beg leave to submit the following resolution for your consideration.

WHEREAS, the Huron County Board of Commissioners and its representatives on the Huron County Solid Waste Planning Committee are responsible for the preparation of a solid waste management plan for the county; and

WHEREAS, this plan must conform to State of Michigan, Part 115 of 1994 Public Act as amended and monitored by the Department of Environmental Quality; and

WHEREAS, in addition to State requirements, the Solid Waste Management Plan Committee has prepared a Plan that best represents the needs of the residents of Pigeon, Village of and Huron County, including environmental responsibility and economic feasibility; and

WHEREAS, the Huron County Board of Commissioners has presented this Plan to us for review and vote.

THEREFORE BE IT, RESOLVED, that Pigeon, Village of does hereby approve the above referenced Solid Waste Management Plan as presented.

Respectfully Submitted,

Pigeon, Village of

Jana A. Kohl President  
Name Title

Joe Hedman (Sleeb)  
Name Title

Appendix -22

Dated: October 11, 1999

ATTACHMENTS

RESOLUTION

TO: THE HONORABLE BOARD OF COMMISSIONERS  
HURON COUNTY  
MICHIGAN

Dear Lady and Gentlemen:

WE, of Port Austin, Village of, respectfully beg leave to submit the following resolution for your consideration.

WHEREAS, the Huron County Board of Commissioners and its representatives on the Huron County Solid Waste Planning Committee are responsible for the preparation of a solid waste management plan for the county; and

WHEREAS, this plan must conform to State of Michigan, Part 115 of 1994 Public Act as amended and monitored by the Department of Environmental Quality; and

WHEREAS, in addition to State requirements, the Solid Waste Management Plan Committee has prepared a Plan that best represents the needs of the residents of Port Austin, Village of and Huron County, including environmental responsibility and economic feasibility; and

WHEREAS, the Huron County Board of Commissioners has presented this Plan to us for review and vote.

THEREFORE BE IT, RESOLVED, that Port Austin, Village of does hereby approve the above referenced Solid Waste Management Plan as presented.

Respectfully Submitted,

Port Austin, Village of

William Hogan President  
Name Title

Julie Binkley Village Clerk  
Name Title

Dated: 9/28/99

ATTACHMENTS

RESOLUTION

TO: THE HONORABLE BOARD OF COMMISSIONERS  
HURON COUNTY  
MICHIGAN

Dear Lady and Gentlemen:

WE, of Port Hope, Village of, respectfully beg leave to submit the following resolution for your consideration.

WHEREAS, the Huron County Board of Commissioners and its representatives on the Huron County Solid Waste Planning Committee are responsible for the preparation of a solid waste management plan for the county; and

WHEREAS, this plan must conform to State of Michigan, Part 115 of 1994 Public Act as amended and monitored by the Department of Environmental Quality; and

WHEREAS, in addition to State requirements, the Solid Waste Management Plan Committee has prepared a Plan that best represents the needs of the residents of Port Hope, Village of and Huron County, including environmental responsibility and economic feasibility; and

WHEREAS, the Huron County Board of Commissioners has presented this Plan to us for review and vote.

THEREFORE BE IT, RESOLVED, that Port Hope, Village of does hereby approve the above referenced Solid Waste Management Plan as presented.

Respectfully Submitted,

Port Hope, Village of

Vic A. Kogler  
Name Title  
Village Clerk

\_\_\_\_\_  
Name Title

Dated: 11-8-99



ATTACHMENTS

RESOLUTION

TO: THE HONORABLE BOARD OF COMMISSIONERS  
HURON COUNTY  
MICHIGAN

Dear Lady and Gentlemen:

WE, of Sand Beach Twp., respectfully beg leave to submit the following resolution for your consideration.

WHEREAS, the Huron County Board of Commissioners and its representatives on the Huron County Solid Waste Planning Committee are responsible for the preparation of a solid waste management plan for the county; and

WHEREAS, this plan must conform to State of Michigan, Part 115 of 1994 Public Act as amended and monitored by the Department of Environmental Quality; and

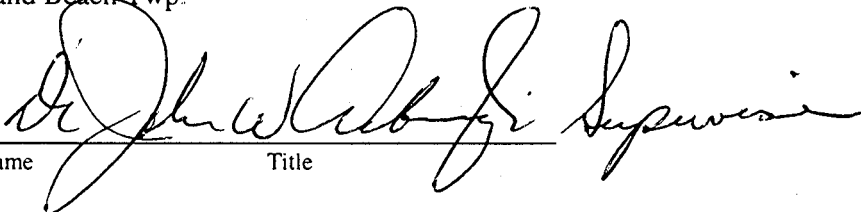
WHEREAS, in addition to State requirements, the Solid Waste Management Plan Committee has prepared a Plan that best represents the needs of the residents of Sand Beach Twp. and Huron County, including environmental responsibility and economic feasibility; and

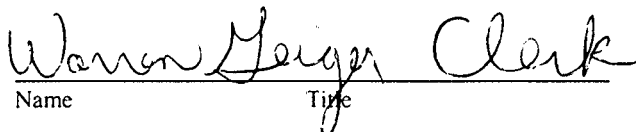
WHEREAS, the Huron County Board of Commissioners has presented this Plan to us for review and vote.

THEREFORE BE IT, RESOLVED, that Sand Beach Twp. does hereby approve the above referenced Solid Waste Management Plan as presented.

Respectfully Submitted,

Sand Beach Twp.

  
Name \_\_\_\_\_ Title \_\_\_\_\_

  
Name \_\_\_\_\_ Title \_\_\_\_\_

Dated: 10/13/99

ATTACHMENTS

RESOLUTION

TO: THE HONORABLE BOARD OF COMMISSIONERS  
HURON COUNTY  
MICHIGAN

Dear Lady and Gentlemen:

WE, of Sebewaing, Village of, respectfully beg leave to submit the following resolution for your consideration.

WHEREAS, the Huron County Board of Commissioners and its representatives on the Huron County Solid Waste Planning Committee are responsible for the preparation of a solid waste management plan for the county; and

WHEREAS, this plan must conform to State of Michigan, Part 115 of 1994 Public Act as amended and monitored by the Department of Environmental Quality; and

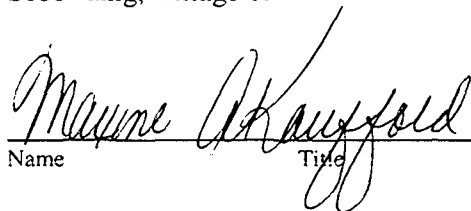
WHEREAS, in addition to State requirements, the Solid Waste Management Plan Committee has prepared a Plan that best represents the needs of the residents of Sebewaing, Village of and Huron County, including environmental responsibility and economic feasibility; and

WHEREAS, the Huron County Board of Commissioners has presented this Plan to us for review and vote.

THEREFORE BE IT, RESOLVED, that Sebewaing, Village of does hereby approve the above referenced Solid Waste Management Plan as presented.

Respectfully Submitted,

Sebewaing, Village of

  
Name \_\_\_\_\_ Title \_\_\_\_\_

  
Name \_\_\_\_\_ Title \_\_\_\_\_

Dated: November 1, 1999

ATTACHMENTS

RESOLUTION

TO: THE HONORABLE BOARD OF COMMISSIONERS  
HURON COUNTY  
MICHIGAN

Dear Lady and Gentlemen:

WE, of Ubly, Village of, respectfully beg leave to submit the following resolution for your consideration.

WHEREAS, the Huron County Board of Commissioners and its representatives on the Huron County Solid Waste Planning Committee are responsible for the preparation of a solid waste management plan for the county; and

WHEREAS, this plan must conform to State of Michigan, Part 115 of 1994 Public Act as amended and monitored by the Department of Environmental Quality; and

WHEREAS, in addition to State requirements, the Solid Waste Management Plan Committee has prepared a Plan that best represents the needs of the residents of Ubly, Village of and Huron County, including environmental responsibility and economic feasibility; and

WHEREAS, the Huron County Board of Commissioners has presented this Plan to us for review and vote.

THEREFORE BE IT, RESOLVED, that Ubly, Village of does hereby approve the above referenced Solid Waste Management Plan as presented.

Respectfully Submitted,

Ubly, Village of

David J. Gault, President  
Name Title

Judy A. Messing, Clerk  
Name Title

Dated: 10-7-99

ATTACHMENTS

RESOLUTION

TO: THE HONORABLE BOARD OF COMMISSIONERS  
HURON COUNTY  
MICHIGAN

Dear Lady and Gentlemen:

WE, of Bloomfield Twp., respectfully beg leave to submit the following resolution for your consideration.

WHEREAS, the Huron County Board of Commissioners and its representatives on the Huron County Solid Waste Planning Committee are responsible for the preparation of a solid waste management plan for the county; and

WHEREAS, this plan must conform to State of Michigan, Part 115 of 1994 Public Act as amended and monitored by the Department of Environmental Quality; and

WHEREAS, in addition to State requirements, the Solid Waste Management Plan Committee has prepared a Plan that best represents the needs of the residents of Bloomfield Twp. and Huron County, including environmental responsibility and economic feasibility; and

WHEREAS, the Huron County Board of Commissioners has presented this Plan to us for review and vote.

THEREFORE BE IT, RESOLVED, that Bloomfield Twp. does hereby approve the above referenced Solid Waste Management Plan as presented.

Respectfully Submitted,

Bloomfield Twp.

Frank J Kanaska Supervisor.  
Name Title

Stephane Poulawski Clerk  
Name Title

Dated: Nov. 1, 1999

ATTACHMENTS

RESOLUTION

TO: THE HONORABLE BOARD OF COMMISSIONERS  
HURON COUNTY  
MICHIGAN

Dear Lady and Gentlemen:

WE, of Brookfield Twp., respectfully beg leave to submit the following resolution for your consideration.

WHEREAS, the Huron County Board of Commissioners and its representatives on the Huron County Solid Waste Planning Committee are responsible for the preparation of a solid waste management plan for the county; and

WHEREAS, this plan must conform to State of Michigan, Part 115 of 1994 Public Act as amended and monitored by the Department of Environmental Quality; and

WHEREAS, in addition to State requirements, the Solid Waste Management Plan Committee has prepared a Plan that best represents the needs of the residents of Brookfield Twp. and Huron County, including environmental responsibility and economic feasibility; and

WHEREAS, the Huron County Board of Commissioners has presented this Plan to us for review and vote.

THEREFORE BE IT, RESOLVED, that Brookfield Twp. does hereby approve the above referenced Solid Waste Management Plan as presented.

Respectfully Submitted,

Brookfield Twp.

Walton Brown  
Name Title

Ed. Good Clerk  
Name Title

Dated: 10-11-99

ATTACHMENTS

RESOLUTION

TO: THE HONORABLE BOARD OF COMMISSIONERS  
HURON COUNTY  
MICHIGAN

Dear Lady and Gentlemen:

WE, of Caseville Twp., respectfully beg leave to submit the following resolution for your consideration.

WHEREAS, the Huron County Board of Commissioners and its representatives on the Huron County Solid Waste Planning Committee are responsible for the preparation of a solid waste management plan for the county; and

WHEREAS, this plan must conform to State of Michigan, Part 115 of 1994 Public Act as amended and monitored by the Department of Environmental Quality; and

WHEREAS, in addition to State requirements, the Solid Waste Management Plan Committee has prepared a Plan that best represents the needs of the residents of Caseville Twp. and Huron County, including environmental responsibility and economic feasibility; and

WHEREAS, the Huron County Board of Commissioners has presented this Plan to us for review and vote.

THEREFORE BE IT, RESOLVED, that Caseville Twp. does hereby approve the above referenced Solid Waste Management Plan as presented.

Respectfully Submitted,

Caseville Twp.

Joseph M. Lile, Supervisor  
Name Title

Michelle Sterrett Clerk  
Name Title

Dated: 10/5/99

ATTACHMENTS

RESOLUTION

TO: THE HONORABLE BOARD OF COMMISSIONERS  
HURON COUNTY  
MICHIGAN

Dear Lady and Gentlemen:

WE, of Colfax Twp., respectfully beg leave to submit the following resolution for your consideration.

WHEREAS, the Huron County Board of Commissioners and its representatives on the Huron County Solid Waste Planning Committee are responsible for the preparation of a solid waste management plan for the county; and

WHEREAS, this plan must conform to State of Michigan, Part 115 of 1994 Public Act as amended and monitored by the Department of Environmental Quality; and

WHEREAS, in addition to State requirements, the Solid Waste Management Plan Committee has prepared a Plan that best represents the needs of the residents of Colfax Twp. and Huron County, including environmental responsibility and economic feasibility; and

WHEREAS, the Huron County Board of Commissioners has presented this Plan to us for review and vote.

THEREFORE BE IT, RESOLVED, that Colfax Twp. does hereby approve the above referenced Solid Waste Management Plan as presented.

Respectfully Submitted,

Colfax Twp.

Name

Title

Name

Title

Dated:

10/12/99

ATTACHMENTS

RESOLUTION

TO: THE HONORABLE BOARD OF COMMISSIONERS  
HURON COUNTY  
MICHIGAN

Dear Lady and Gentlemen:

WE, of Grant Twp., respectfully beg leave to submit the following resolution for your consideration.

WHEREAS, the Huron County Board of Commissioners and its representatives on the Huron County Solid Waste Planning Committee are responsible for the preparation of a solid waste management plan for the county; and

WHEREAS, this plan must conform to State of Michigan, Part 115 of 1994 Public Act as amended and monitored by the Department of Environmental Quality; and

WHEREAS, in addition to State requirements, the Solid Waste Management Plan Committee has prepared a Plan that best represents the needs of the residents of Grant Twp. and Huron County, including environmental responsibility and economic feasibility; and

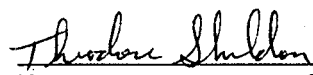
WHEREAS, the Huron County Board of Commissioners has presented this Plan to us for review and vote.

THEREFORE BE IT, RESOLVED, that Grant Twp. does hereby approve the above referenced Solid Waste Management Plan as presented.

Respectfully Submitted,

Grant Twp.

  
Name \_\_\_\_\_ Title Supervisor

  
Name \_\_\_\_\_ Title Clerk

Dated: 10-4-99



ATTACHMENTS

RESOLUTION

TO: THE HONORABLE BOARD OF COMMISSIONERS  
HURON COUNTY  
MICHIGAN

Dear Lady and Gentlemen:

WE, of Hume Twp., respectfully beg leave to submit the following resolution for your consideration.

WHEREAS, the Huron County Board of Commissioners and its representatives on the Huron County Solid Waste Planning Committee are responsible for the preparation of a solid waste management plan for the county; and

WHEREAS, this plan must conform to State of Michigan, Part 115 of 1994 Public Act as amended and monitored by the Department of Environmental Quality; and

WHEREAS, in addition to State requirements, the Solid Waste Management Plan Committee has prepared a Plan that best represents the needs of the residents of Hume Twp. and Huron County, including environmental responsibility and economic feasibility; and

WHEREAS, the Huron County Board of Commissioners has presented this Plan to us for review and vote.

THEREFORE BE IT, RESOLVED, that Hume Twp. does hereby approve the above referenced Solid Waste Management Plan as presented.

Respectfully Submitted,

Hume Twp.

*John C. Halliote* Supervisor  
Name Title

*Dee Meagher* Clerk  
Name Title

Dated: 10/18/99

ATTACHMENTS

RESOLUTION

TO: THE HONORABLE BOARD OF COMMISSIONERS  
HURON COUNTY  
MICHIGAN

Dear Lady and Gentlemen:

WE, of Huron Twp., respectfully beg leave to submit the following resolution for your consideration.

WHEREAS, the Huron County Board of Commissioners and its representatives on the Huron County Solid Waste Planning Committee are responsible for the preparation of a solid waste management plan for the county; and

WHEREAS, this plan must conform to State of Michigan, Part 115 of 1994 Public Act as amended and monitored by the Department of Environmental Quality; and

WHEREAS, in addition to State requirements, the Solid Waste Management Plan Committee has prepared a Plan that best represents the needs of the residents of Huron Twp. and Huron County, including environmental responsibility and economic feasibility; and

WHEREAS, the Huron County Board of Commissioners has presented this Plan to us for review and vote.

THEREFORE BE IT, RESOLVED, that Huron Twp. does hereby approve the above referenced Solid Waste Management Plan as presented.

Respectfully Submitted,

Huron Twp.

Evan Stember - Supervisor  
Name Title

Virginia Linkel - Clerk  
Name Title

Dated: 11-15-99

ATTACHMENTS

RESOLUTION

TO: THE HONORABLE BOARD OF COMMISSIONERS  
HURON COUNTY  
MICHIGAN

Dear Lady and Gentlemen:

WE, of Lincoln Twp., respectfully beg leave to submit the following resolution for your consideration.

WHEREAS, the Huron County Board of Commissioners and its representatives on the Huron County Solid Waste Planning Committee are responsible for the preparation of a solid waste management plan for the county; and

WHEREAS, this plan must conform to State of Michigan, Part 115 of 1994 Public Act as amended and monitored by the Department of Environmental Quality; and

WHEREAS, in addition to State requirements, the Solid Waste Management Plan Committee has prepared a Plan that best represents the needs of the residents of Lincoln Twp. and Huron County, including environmental responsibility and economic feasibility; and

WHEREAS, the Huron County Board of Commissioners has presented this Plan to us for review and vote.

THEREFORE BE IT, RESOLVED, that Lincoln Twp. does hereby approve the above referenced Solid Waste Management Plan as presented.

Respectfully Submitted,

Lincoln Twp.

Michon Drake, Supervisor  
Name Title

Shawn Karasick Clerk  
Name Title

Dated: 11-8-99

ATTACHMENTS

RESOLUTION

TO: THE HONORABLE BOARD OF COMMISSIONERS  
HURON COUNTY  
MICHIGAN

Dear Lady and Gentlemen:

WE, of McKinley Twp., respectfully beg leave to submit the following resolution for your consideration.

WHEREAS, the Huron County Board of Commissioners and its representatives on the Huron County Solid Waste Planning Committee are responsible for the preparation of a solid waste management plan for the county; and

WHEREAS, this plan must conform to State of Michigan, Part 115 of 1994 Public Act as amended and monitored by the Department of Environmental Quality; and

WHEREAS, in addition to State requirements, the Solid Waste Management Plan Committee has prepared a Plan that best represents the needs of the residents of McKinley Twp. and Huron County, including environmental responsibility and economic feasibility; and

WHEREAS, the Huron County Board of Commissioners has presented this Plan to us for review and vote.

THEREFORE BE IT, RESOLVED, that McKinley Twp. does hereby approve the above referenced Solid Waste Management Plan as presented.

Respectfully Submitted,

McKinley Twp.

Jerry E. Beyn Supervisor  
Name Title

Michael H. Hannon Clerk  
Name Title

Dated: 11-3-99

ATTACHMENTS

RESOLUTION

TO: THE HONORABLE BOARD OF COMMISSIONERS  
HURON COUNTY  
MICHIGAN

Dear Lady and Gentlemen:

WE, of Meade Twp., respectfully beg leave to submit the following resolution for your consideration.

WHEREAS, the Huron County Board of Commissioners and its representatives on the Huron County Solid Waste Planning Committee are responsible for the preparation of a solid waste management plan for the county; and

WHEREAS, this plan must conform to State of Michigan, Part 115 of 1994 Public Act as amended and monitored by the Department of Environmental Quality; and

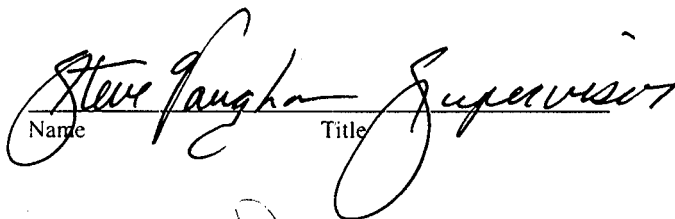
WHEREAS, in addition to State requirements, the Solid Waste Management Plan Committee has prepared a Plan that best represents the needs of the residents of Meade Twp. and Huron County, including environmental responsibility and economic feasibility; and

WHEREAS, the Huron County Board of Commissioners has presented this Plan to us for review and vote.

THEREFORE BE IT, RESOLVED, that Meade Twp. does hereby approve the above referenced Solid Waste Management Plan as presented.

Respectfully Submitted,

Meade Twp.

  
Name Title

  
Name Title

Dated: Nov 9/99

ATTACHMENTS

RESOLUTION

TO: THE HONORABLE BOARD OF COMMISSIONERS  
HURON COUNTY  
MICHIGAN

Dear Lady and Gentlemen:

WE, of Oliver Twp., respectfully beg leave to submit the following resolution for your consideration.

WHEREAS, the Huron County Board of Commissioners and its representatives on the Huron County Solid Waste Planning Committee are responsible for the preparation of a solid waste management plan for the county; and

WHEREAS, this plan must conform to State of Michigan, Part 115 of 1994 Public Act as amended and monitored by the Department of Environmental Quality; and

WHEREAS, in addition to State requirements, the Solid Waste Management Plan Committee has prepared a Plan that best represents the needs of the residents of Oliver Twp. and Huron County, including environmental responsibility and economic feasibility; and

WHEREAS, the Huron County Board of Commissioners has presented this Plan to us for review and vote.

THEREFORE BE IT, RESOLVED, that Oliver Twp. does hereby approve the above referenced Solid Waste Management Plan as presented.

Respectfully Submitted,

Oliver Twp.

Larry Krohn, Supervisor  
Name Title

Robert Krohn Clerk  
Name Title

Dated: 11-2-95

ATTACHMENTS

RESOLUTION

TO: THE HONORABLE BOARD OF COMMISSIONERS  
HURON COUNTY  
MICHIGAN

Dear Lady and Gentlemen:

WE, of Sebewaing Twp., respectfully beg leave to submit the following resolution for your consideration.

WHEREAS, the Huron County Board of Commissioners and its representatives on the Huron County Solid Waste Planning Committee are responsible for the preparation of a solid waste management plan for the county; and

WHEREAS, this plan must conform to State of Michigan, Part 115 of 1994 Public Act as amended and monitored by the Department of Environmental Quality; and

WHEREAS, in addition to State requirements, the Solid Waste Management Plan Committee has prepared a Plan that best represents the needs of the residents of Sebewaing Twp. and Huron County, including environmental responsibility and economic feasibility; and

WHEREAS, the Huron County Board of Commissioners has presented this Plan to us for review and vote.

THEREFORE BE IT, RESOLVED, that Sebewaing Twp. does hereby approve the above referenced Solid Waste Management Plan as presented.

Respectfully Submitted,

Sebewaing Twp.

Willie Reschgn Superior  
Name Title

Kurt Bach Clerk  
Name Title

Dated: Oct 4, 1999

ATTACHMENTS

RESOLUTION

TO: THE HONORABLE BOARD OF COMMISSIONERS  
HURON COUNTY  
MICHIGAN

Dear Lady and Gentlemen:

WE, of Sherman Twp., respectfully beg leave to submit the following resolution for your consideration.

WHEREAS, the Huron County Board of Commissioners and its representatives on the Huron County Solid Waste Planning Committee are responsible for the preparation of a solid waste management plan for the county; and

WHEREAS, this plan must conform to State of Michigan, Part 115 of 1994 Public Act as amended and monitored by the Department of Environmental Quality; and

WHEREAS, in addition to State requirements, the Solid Waste Management Plan Committee has prepared a Plan that best represents the needs of the residents of Sherman Twp. and Huron County, including environmental responsibility and economic feasibility; and

WHEREAS; the Huron County Board of Commissioners has presented this Plan to us for review and vote.

THEREFORE BE IT, RESOLVED, that Sherman Twp. does hereby approve the above referenced Solid Waste Management Plan as presented.

Respectfully Submitted,

Sherman Twp.

Leo J. Enning, Supervisor  
Name Title

Audrey Messing, Clerk  
Name Title

Dated: 11-9-99



ATTACHMENTS

RESOLUTION

TO: THE HONORABLE BOARD OF COMMISSIONERS  
HURON COUNTY  
MICHIGAN

Dear Lady and Gentlemen:

WE, of Sigel Twp., respectfully beg leave to submit the following resolution for your consideration.

WHEREAS, the Huron County Board of Commissioners and its representatives on the Huron County Solid Waste Planning Committee are responsible for the preparation of a solid waste management plan for the county; and

WHEREAS, this plan must conform to State of Michigan, Part 115 of 1994 Public Act as amended and monitored by the Department of Environmental Quality; and

WHEREAS, in addition to State requirements, the Solid Waste Management Plan Committee has prepared a Plan that best represents the needs of the residents of Sigel Twp. and Huron County, including environmental responsibility and economic feasibility; and


WHEREAS, the Huron County Board of Commissioners has presented this Plan to us for review and vote.

THEREFORE BE IT, RESOLVED, that Sigel Twp. does hereby approve the above referenced Solid Waste Management Plan as presented.

Respectfully Submitted,

Sigel Twp.

 Clerk  
Name Title

 Supervisor  
Name Title

Dated: 10-4-99

ATTACHMENTS

RESOLUTION

TO: THE HONORABLE BOARD OF COMMISSIONERS  
HURON COUNTY  
MICHIGAN

Dear Lady and Gentlemen:

WE, of Verona Twp., respectfully beg leave to submit the following resolution for your consideration.

WHEREAS, the Huron County Board of Commissioners and its representatives on the Huron County Solid Waste Planning Committee are responsible for the preparation of a solid waste management plan for the county; and

WHEREAS, this plan must conform to State of Michigan, Part 115 of 1994 Public Act as amended and monitored by the Department of Environmental Quality; and

WHEREAS, in addition to State requirements, the Solid Waste Management Plan Committee has prepared a Plan that best represents the needs of the residents of Verona Twp. and Huron County, including environmental responsibility and economic feasibility; and

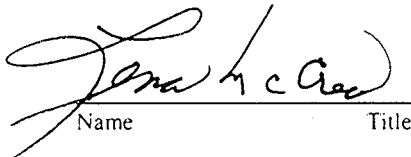
WHEREAS, the Huron County Board of Commissioners has presented this Plan to us for review and vote.

THEREFORE BE IT, RESOLVED, that Verona Twp. does hereby approve the above referenced Solid Waste Management Plan as presented.

Respectfully Submitted,

Verona Twp.

 Supervisor  
Name Title

 Clerk  
Name Title

Dated: 10-13-99

ATTACHMENTS

RESOLUTION

TO: THE HONORABLE BOARD OF COMMISSIONERS  
HURON COUNTY  
MICHIGAN

Dear Lady and Gentlemen:

WE, of Winsor Twp., respectfully beg leave to submit the following resolution for your consideration.

WHEREAS, the Huron County Board of Commissioners and its representatives on the Huron County Solid Waste Planning Committee are responsible for the preparation of a solid waste management plan for the county; and

WHEREAS, this plan must conform to State of Michigan, Part 115 of 1994 Public Act as amended and monitored by the Department of Environmental Quality; and

WHEREAS, in addition to State requirements, the Solid Waste Management Plan Committee has prepared a Plan that best represents the needs of the residents of Winsor Twp. and Huron County, including environmental responsibility and economic feasibility; and

WHEREAS, the Huron County Board of Commissioners has presented this Plan to us for review and vote.

THEREFORE BE IT, RESOLVED, that Winsor Twp. does hereby approve the above referenced Solid Waste Management Plan as presented.

Respectfully Submitted,

Winsor Twp.

Marlin Rathye Supervisor  
Name Title

John Walsh, Clerk  
Name Title

Dated: Oct. 5, 1999

## RESOLUTION

TO: THE HONORABLE BOARD OF COMMISSIONERS  
HURON COUNTY  
MICHIGAN

Dear Lady and Gentlemen:

WE, of Bingham Twp., respectfully beg leave to submit the following resolution for your consideration.

WHEREAS, the Huron County Board of Commissioners and its representatives on the Huron County Solid Waste Planning Committee are responsible for the preparation of a solid waste management plan for the county; and

WHEREAS, this plan must conform to State of Michigan, Part 115 of 1994 Public Act as amended and monitored by the Department of Environmental Quality; and

WHEREAS, in addition to State requirements, the Solid Waste Management Plan Committee has prepared a Plan that best represents the needs of «Company» and Huron County, including environmental responsibility and economic feasibility; and

WHEREAS, the Huron County Board of Commissioners has presented this Plan to us for review and vote.

THEREFORE BE IT, RESOLVED, that Bingham Twp. does hereby approve the above referenced Solid Waste Management Plan as presented.

Respectfully Submitted,

Bingham Twp.

Donald Knight Supervisor  
Name Title

J. J. T. T. T. Township Clerk  
Name Title

Dated: November 10, 1999

## RESOLUTION

TO: THE HONORABLE BOARD OF COMMISSIONERS  
HURON COUNTY  
MICHIGAN

Dear Lady and Gentlemen:

WE, of Chandler Twp., respectfully beg leave to submit the following resolution for your consideration.

WHEREAS, the Huron County Board of Commissioners and its representatives on the Huron County Solid Waste Planning Committee are responsible for the preparation of a solid waste management plan for the county; and

WHEREAS, this plan must conform to State of Michigan, Part 115 of 1994 Public Act as amended and monitored by the Department of Environmental Quality; and

WHEREAS, in addition to State requirements, the Solid Waste Management Plan Committee has prepared a Plan that best represents the needs of the residents of Chandler Twp. and Huron County, including environmental responsibility and economic feasibility; and

WHEREAS, the Huron County Board of Commissioners has presented this Plan to us for review and vote.

THEREFORE BE IT, RESOLVED, that Chandler Twp. does hereby approve the above referenced Solid Waste Management Plan as presented.

Respectfully Submitted,

Chandler Twp.

William R. [Signature] Supervisor  
Name Title

Kevin Roestel clerk  
Name Title

Dated: 11-1-99

## ATTACHMENTS

## ATTACHMENTS

### **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.

Responsible parties identified in the Selected System are limited to the Huron County Board of Commissioners, the SWMP Committee and the DPA. No additional documentation is needed due to the ingrained involvement of the responsible parties. By implementing and authorizing this planning process, each of the responsible parties demonstrates their acceptance of responsibility. The Huron County Board of Commissioners are the local authority to whom any discussion or need for Plan Enforcement would defer to. In addition, they would maintain the right to bring suit for violations of the Plan as outlined.

### **Resolutions**

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

N.A. No requests of this kind received.

### **Listed Capacity**

Documentation from landfills that the County has access to their listed capacity. Two letters on following 2 pages.

ATTACHMENTS

**COVE LANDFILL INC.**


4151 S. McMillan Rd.  
Bad Axe, MI 48413

June 20, 1999

**Attn: Carl Osentoski**  
Huron E.D.C  
250 East Huron St.  
Bad Axe, MI 48413

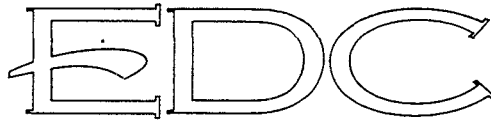
**Subject:** Cove Landfill and Huron County Waste

This is to confirm that Cove Landfill is currently licensed to receive Class II waste and is willing to accept waste from Huron County on an ongoing basis. Should you require any additional information please contact me at the above address.



Fred Hambleton  
Cove Landfill





HURON COUNTY ECONOMIC DEVELOPMENT CORPORATION

---

## Memorandum

---

**Date:** December 27, 1999  
**To:** File, Solid Waste Master Plan  
**From:** Amy Braun – Huron County EDC  
**RE:** Required Letter from Tri City Landfill

---

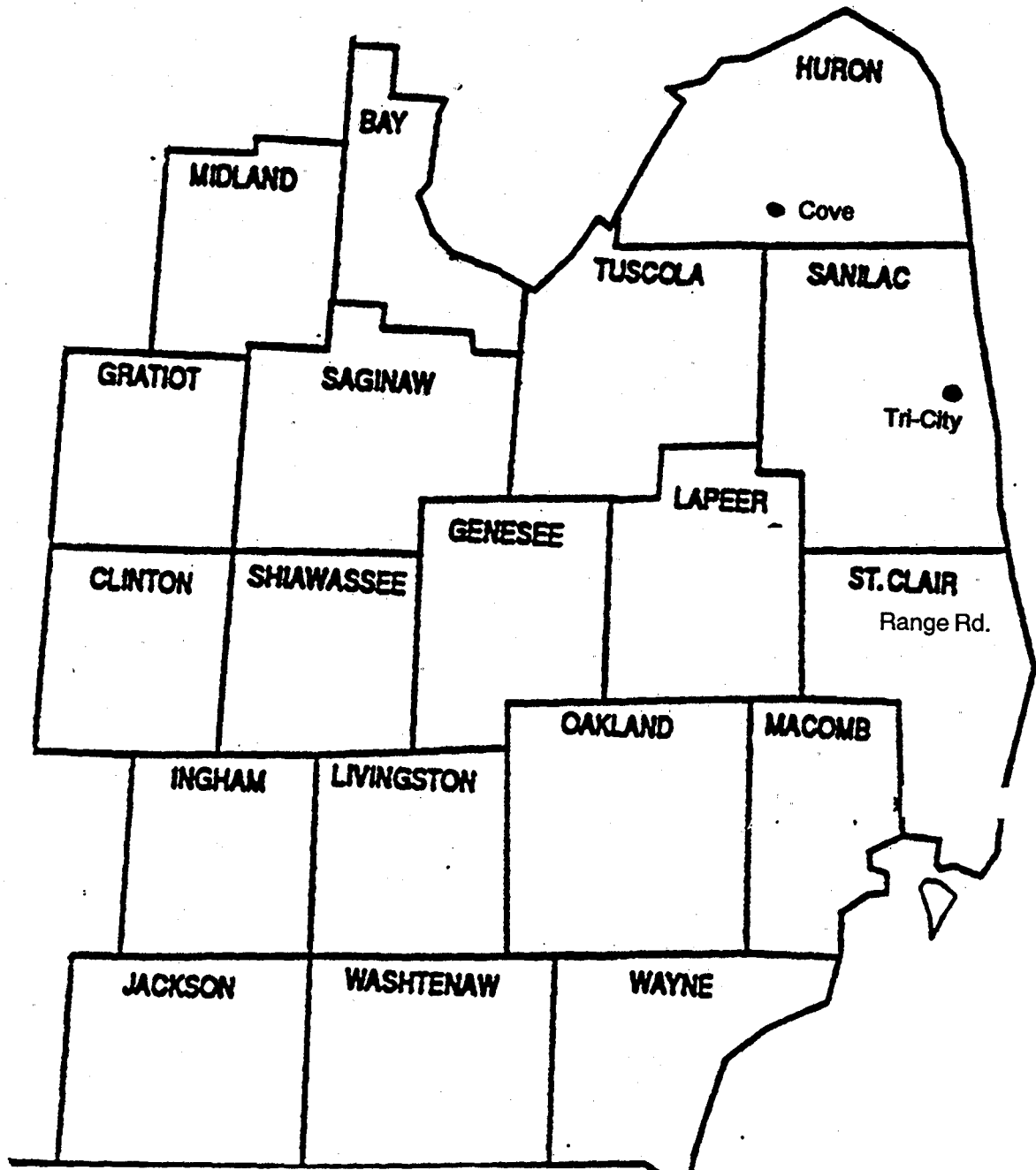
After several attempts to get this letter from Tri City Landfill, Huron County is submitting the solid waste master plan. We will continue to try to get the letter from Tri City Landfill and will forward it to you as soon as possible. Please email me at [abraun@huroncounty.com](mailto:abraun@huroncounty.com), if you have any questions. Thank you.

## ATTACHMENTS

## ATTACHMENTS

### Maps

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



## ATTACHMENTS

### Inter-County Agreements

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

N.A.

### Special Conditions

Special conditions affecting import or export of solid waste.

Conditions have been placed on waste arriving at the Sanilac Tri City Landfill as per the Sanilac County host agreement. A total of 3500 gate cubic yards per day, averaged over 312 calendar year is the facility limit for waste received from all sources.