

# **BARRY COUNTY SOLID WASTE OVERSIGHT COMMITTEE**

Tyden Center Conference Room  
121 South Church Street, Hastings, MI

## **Approved Meeting Minutes September 9<sup>th</sup>, 2022**

### **Call to Order**

Chairman Frank Fiala called the meeting of the Barry County Solid Waste Oversight Committee to order at 9:00 a.m.

### **Members Present:**

Frank Fiala  
Tom Rook  
Jim Brown  
Matt Rosser  
Vivian Conner  
Jay VanStee  
Sarah Moyer-Cale  
Sarah Nelson

### **Members Absent:**

Jodi Pessell  
Dave Jackson  
Bill Sweeney

### **Members of the Public:**

Jerrie Fiala  
Rachel Frantz

### **Approval of Agenda**

Per Chairman Fiala, we will proceed with agenda as presented.

### **Approval of Minutes**

Per Vivian Conner, she didn't see any mention of Jim Brown retiring, which was discussed during the member comments portion of the last meeting. On page two (2), the motion regarding the Mini-Grant Application was seconded by her (Vivian Conner), not Jodi Pessell. There was also nothing mentioned about the discussion of the emails between her & Tom Rook regarding the oil. Jay VanStee will take these notes back to Amanda Robins so she can revise the draft minutes with the items mentioned above. We will bring this back for approval at next month's, October 14<sup>th</sup>, meeting.

### **Recycling Coordinator Report (Rachel Frantz)**

See Recycling Coordinator August 2022 Report (report was emailed to committee on 09/06/22).

### **Treasurer's Report**

See Treasurer's Report July 2022 (report was emailed to committee on 09/06/22). Chairman Fiala expressed that we are still in need of someone (on this committee) to step up and fill this vacant position on the committee.

### **Old Business: Household Hazardous Waste (HHW) Collection and Materials Management County Engagement (MMCE) Grant**

#### **Household Hazardous Waste Collection**

Per Jay VanStee, we are pretty much set for the September 17<sup>th</sup> collection (as set as we ever are); it will certainly depend on whether or not people show up to volunteer/work. However, he feels we are about as prepared as we can be. We have three (3) Health Department employees that will be doing tires as well three

**Old Business: Household Hazardous Waste (HHW) Collection and Materials Management County Engagement (MMCE) Grant (Continued)**

**Household Hazardous Waste Collection (Continued)**

(3) to four (4) City of Hastings employees; so, we will have enough to man one (1) trailer at a time good and if we have extra volunteers show up then maybe we could do two (2) trailers at the same time. Rachel Frantz shared that we also have District Staff who volunteered to help with the electronics and she believes Jodi Pessell will also be reaching out to the Rotary again to see if they could possibly provide us with some volunteers to work the collection. She also confirmed with Sandy Pierce at Padnos that everything is all set and she also requested that Padnos send us the packing instructions again so that we are doing things correctly this time. Rachel Frantz confirmed that she can handle the cash for the electronics, so we don't need a Health Department employee for this and Jay VanStee confirmed that Jodi Pessell is going to "do what she can" to keep track of the Drug & Laboratory volume; the idea is she is going to speak with them to voice our concerns, try to get a better handle on their processes in terms of quantifying the different materials while she and basically just do her best to keep a better eye on them,. However, again, we don't really know what we are looking at, so she is going to take some pictures as well and at least maybe that will make them aware that we are trying to keep a better eye on them.

**MMCE Grant**

See the following documents listed below (emailed out to the committee on 09/06/22):

- MMCE SWOC Documents Synthesis
- MMCE Proposed Municipality Engagement Plan
- Barry County Solid Waste Management Plan
- Iris Recycling Assessment Report
- Iris Recycling Program Recommendations & Action Plan
- Barry County Mega Data Profile, Natural Resources & Environmental Protection Act 451 of 1994 – Part 115 Solid Waste Management
- Summary of House Bills 4454-4461 (Part 115 Update)
- Barry County Solid Waste Ordinances & Codes

Rachel Frantz requested that the committee members review all of the documents provided in preparation for answering some questions at next month's meeting (list of "Questions for October SWOC Meeting" was distributed to members). Rachel Frantz also provided an MMCE Grant Final Report Example, so the committee will have an idea of what the finished result will be.

Sarah Nelson stated that she did meet with Michael Brown to check on what level of involvement & approval the County would like to have regarding this grant and we don't need approval for this; however, after we are finished with the grant they would like to see a presentation on what we accomplished.

**Motion to approve the MMCE Proposed Municipality Engagement Plan document provided by Rachel Frantz for use of tracking our community data made by Jay VanStee, seconded by Tom Rook and the motion was approved by a unanimous vote.**

Sarah Nelson expressed that she really wants to make sure that everyone is aware of why and what we are doing this for. So in anticipation of this, she and Rachel Frantz put together a "Questions for October SWOC Meeting" document that was provided to all committee members so that everyone can have time to think about these and then be prepared to actively participate in answering/discussing these questions next month; So, hopefully we will have good attendance, because the answers to these questions will go in our grant report because these answers will be the foundation for updating our Solid Waste Plan, which is currently

**Old Business: Household Hazardous Waste (HHW) Collection and Materials Management County Engagement (MMCE) Grant (Continued)**

**MMCE Grant (Continued)**

really outdated. The main goal of this group is to start the process of updating that within the next few years and this will form the base work for that to happen; however, of course when the actual Plan update happens, it will be to a Materials Management Plan and it will need to be done with an official group consisting of certain membership that will probably include everyone on this committee as well as additional some people. So, again, Sarah Nelson expressed that she just wanted to make sure everyone is on the same page with all of this.

Sarah Nelson suggested that since this is pretty much all we have to do at this meeting, she thinks it would be really valuable for us to go through the MMCE SWOC Documents Synthesis that was provided by Rachel Frantz; she feels we should go through at least the Summary of House Bills 4454-4461 Part 115 Update, so that's like six (6) pages of stuff. Everyone agreed to proceed in going through the MMCE SWOC Documents Synthesis and hopefully this will point out anything in these documents that you would like to review more in depth then you have the full documents in your email and can do so on your own time.

Rather than going through the MMCE SWOC Documents Synthesis right now like Sarah Nelson had suggested, Vivian Conner proposed that the committee members review all of the documents in their entirety on their own between now and next month's meeting; then we can start answering these questions at the October meeting as she feels she would be able to contribute & participate more in answering these questions if she has time to prepare beforehand. Sarah Nelson voiced that is just going to be honest; this is a lot of documentation to review, but she would not have a problem with this as long as everyone on this committee is 100% willing to commit to reading & preparing between meetings; we have a wonderful group of busy professionals, but this can often get pushed to the wayside and that is why she wanted to take advantage of the fact that we are already here and start discussing some of these summaries so that the members can starting thinking about some of those questions. Also by doing it this way, if something happens and someone doesn't have the time to prepare in between meetings, then they will at least have had that summary already that we've gone over. Chairman Fiala recommended that we proceed along that line as all of us have a full plate and it's difficult to find the time outside of these meetings; so, we will proceed right now with going through at least part of the MMCE SWOC Documents Synthesis and have Rachel Frantz guide us through this as we go along.

Sarah Nelson stated that the biggest thing for this grant is that we need to identify general trends and then when we actually move into doing a Materials Management Plan, we can do a more in-depth analysis and update the numbers (if needed) at that time; this step is supposed to be sort of like a "10,000-foot view." Rachel Frantz did share that she found in Appendix Two (2) that according to the Office of Solid Waste and Emergency Response (OSWER) 1997, the average percentage of materials available for recycling and composting in the waste stream are as follows and those were those numbers/percentages listed under the Solid Waste Management Plan section of the MMCE SWOC Documents Synthesis; those are not specific to Barry County, they are just the average numbers/percentages.

Vivian Conner informed everyone that the lady on the Yankee Springs Recycling Committee that gave the report last night said that we need to educate people about paperboard because they are not putting in the Gators; they are putting it in the recycling because they are viewing it more as cardboard, but it doesn't really look like cardboard (at least to her anyway), so does that mean like a cereal box is considered to be paperboard and can go in the Gators? The answer to this is yes and yes; however, Sarah Moyer-Cale expressed that it doesn't actually say that on the Gator; if you look at the website information it says that, but on the actual Gator itself it doesn't.

**Old Business: Household Hazardous Waste (HHW) Collection and Materials Management County Engagement (MMCE) Grant (Continued)**

**MMCE Grant (Continued)**

Sarah Nelson stated that she just wants to go over a few more points that she thinks are good things to be thinking about before the next meeting. So, in the IRIS Recycling Assessment Report there is an "Opportunities & Recommendations" section, which Rachel did summarize some of those opportunities/recommendations and these might be topics that we discuss next month (if we still think they are important & relevant); illegal dumping was an issue that was identified as well as material overflow at some of the sites, expansion of shared services like transfer stations, contracted single hauler service and increase public education. The next report is the IRIS Recycling Program Recommendations & Action Plan, which was kind of like the continuation of the next step of those reports. Some of the recommendations from that were to continue to have a Recycling Coordinator for program administration, education outreach, technical assistance (which is something we have done), then to establish a recycling program and under then that there was a resource recovery project (not sure of the details), but that might be worth looking into. She also expressed that partnering with Eaton County or neighboring counties was still a strong recommendation.

Rachel Frantz did state that the purpose of the Mega Data Profile is to provide baseline data for the State of Michigan and they did a really good job, they contacted her and said they were really thankful for that 2018 report as they said it helped a lot. When she reviewed the profile, it was pretty accurate; there were a few things that were not quite right and she responded back to them with comments regarding this.

To summarize our timeline for this grant (going backwards), December 10<sup>th</sup>-15<sup>th</sup> Rachel Frantz will finalize everything and submit it; in the December meeting we will review and modify anything that needs to be revised and basically approve the final draft with any final modifications; for the November meeting Rachel will bring a draft version of the Grant Report that we can look over as well as more local municipality updates to integrate those and then start refining it from there; for the October meeting we will discuss those questions as mentioned above and Rachel will give us any updates on the local Municipalities participation. The goal is to have the draft version that comes to the committee be nearly perfect, so that is why she has been emphasizing that active participation at the October & November meetings is going to really be key because if we show up in December and there are a lot of changes to be made or there is a lot of discussion on what was left out, then that could be problematic. However, as long as we do our best at the next couple of meetings we should be okay.

**New Business: Mobile Recycling Unit**

Sarah Nelson expressed that although she and Rachel Frantz have had some really good discussions regarding a Mobile Recycling Unit, they both agree that with the focus on the Material Management Planning and the electronics recycling, and still wanting to provide the same level of support to this group and municipalities, that maybe the Mobile Recycling Unit is something that we could think about in the future as it would be a bit much to try to do this right now with everything else and the committee agreed.

**Public Comment**

None.

**Chairman Comments**

None.

## **Member Comments**

**Tom Rook** – None.

**Jim Brown** – thanked Rachel Frantz for the T-shirt and he will be out to help with the electronics at the upcoming HHW collection. He had a quick meeting with Rachel regarding the Mobile Recycling Unit and next Wednesday he has a meeting with Brianna Meeker at Padnos (over at Corporate) and he is going to run an idea by them and see if it would fit into their particular situation so we'll see what happens.

**Matt Rosser** – None.

**Vivian Conner** – None.

**Jay VanStee** – he usually works the tires at the HHW collections, but unfortunately for this upcoming collection he has a conflict so he will not be there, Jodi Pessell will be though.

**Sarah Moyer-Cale** – None.

**Sarah Nelson** – reminder if anyone wants to help out at the next HHW collection, we will always take “walk-up” volunteers for the collection, just show up at the fairgrounds at 8:00 am and find someone that can put you to work.

## **Adjournment**

The meeting was adjourned by Chairman Frank Fiala at 10:39 a.m.

Approved at the 10-14-2022 meeting

## August 2022 Report

### Recycling Coordinator Task Deliverables

#### Administrative Assistance to the Solid Waste Oversight Committee (SWOC)

- Attend SWOC committee and subcommittee meetings, provide monthly progress reports to the SWOC
  - Attended August 12 SWOC meeting and provided progress report
- Administer the County's Solid Waste mini-grant program and provide technical assistance to applicants
  - Sent mini-grant application approval email to Prairieville Parks and Recreation (8/26)
- Coordinate with neighboring county recycling programs
  - Met with Morgan Feldpausch to discuss MMCE grant deliverables and county needs (8/23)
  - Virtual meeting with Rosemary Graham to discuss MMCE grant (9/1)
- Serve as a representative in recycling user groups
  - "The U.S. Senate unanimously passed two bills that would improve rural recycling and composting accessibility as well as boost data collection, sending the legislation to the House for a vote. S. 3742, the Recycling Infrastructure and Accessibility Act of 2022, and S.3743, the Recycling and Composting Accountability Act, passed the Senate on July 28 after being introduced on March 3" [Recycling and composting bills pass Senate - Plastics Recycling Update](#)
  - "Michigan is now one of the nation's three best states for recycling plastics, according to a recent Wise Voter study. And in Ann Arbor, recycling plastics is about to get easier thanks to the pending arrival of a state-of-the-art SamurAI sorting robot that will enable the city's recycling agency to process and sell more plastic than ever before...The machine is an adaptive robot powered by artificial intelligence to more accurately and efficiently identify specific types of plastics and other materials for safe, fast and effective sorting, especially in identifying and selecting polypropylene (PP) plastics". [Ann Arbor's new 'SamurAI sorting robot' is a plastics recycling game-changer \(clickondetroit.com\)](#)
  - [Walmart launches refurbished electronics program - E-Scrap News \(resource-recycling.com\)](#)
  - [Trex Launches Grassroots Movement to Improve Plastic Film Recycling \(waste360.com\)](#)
  - The Bureau of International Recycling (BIR) [released](#) a [report](#) on global paper and paper board recycling in 2020
  - [Eagle River volunteers look for funds to keep turning plastic bags into benches | WXPR](#)
  - [Meijer Unveils Beach and Water Cleaning Drones in the Great Lakes | Waste360](#)

#### Solid Waste Management Planning

- Assist with applying for a Materials Management Planning grant and implementation of the grant, at the direction of the SWOC
  - Worked with Sarah Nelson to create MMCE task list to be approved by SWOC - approved at Aug 12 meeting
  - Watched eMMP tutorial videos
    - [Training Video - Municipal Measurement Program](#)
    - [2022 MMP Participation Guide \(Municipality\) | Re-TRAC Connect](#)
  - Created [Proposed Municipality Engagement Plan](#) for municipal participation in eMMP
  - Sent Dave Bee email to be forwarded to WMRPC
  - Gathered and sent out relevant documents for SWOC review
  - Watched RRS Mega Data Overview videos [Mega Data Collection Project \(michigan.gov\)](#)
  - Met with Michael Brown to discuss County's role in MMCE (9/1)
  - Zoom meeting with RRS to create a list of target participants for MMCE in Barry county (9/1)
  - Met with Rosemary Graham (Eaton County) to discuss regional MMCE efforts (9/1)

#### Household Hazardous Waste Collection Events

- Assist with Household Hazardous Waste collection events, under the direction of the BEDHD and the SWOC
  - Confirmed with Environmental Rubber Recycling for the Fall HHW tire collection
  - Confirmed with Padnos for the electronics collection set up
  - Updated, printed, and mailed price sheet for electronics collection to all municipalities (21 total)
  - Created and published Facebook event and shared in local community groups

### **Recycling Outreach and Education to County Residents**

- Write educational articles and press releases
  - Published *Recycling 101* in the Hastings Reminder (8/20)
- Produce printed materials. Once SWOC-approved, print and distribute these materials
  - HHW price sheet with QR code (see above)
- Maintain and serve as the primary contact for the website: [barrycountyrecycles.org](http://barrycountyrecycles.org)
  - Email from Allison Vega, Washtenaw County asking about 2019 - 2021 HHW events
  - Email from David asking where to discard mattress and box springs
  - Email from Kathy asking where to recycle ink cartridges
  - Email from Robert requesting a call about disposal services in Vermontville
- Produce online/electronic content to be published on the website and social media
  - HHW price sheet posted on HHW FB event and HHW page on [barrycountyrecycles.org](http://barrycountyrecycles.org)
- Develop and present programs to educate residents, community groups, businesses, and waste haulers regarding recycling, the Solid Waste Management Plan, and other waste management activities
  - Synthesized Barry County Solid Waste Management Plan, Iris Recycling Assessment Report, Iris Recycling Program Recommendations and Action Plan, Barry County Mega Data Profile, Natural Resources and Environmental Protection Act (NREPA) Act 451 of 1994 - Part 115 Solid Waste Management, Summary of House Bills 4454-4461 (Part 115 Update), and Barry County Solid Waste Ordinances and Codes for SWOC review and MMCE project

### **Assistance to Local Units of Government (LUG)**

- At the direction of the SWOC, serve as a liaison to local units of government within Barry County, and offer support in the following ways:
  - Disperse information on recycling in Barry County and resources available
    - Mailed HHW price sheet with QR code to all 21 municipalities

## Potential Partners

- ☒ ~~West Michigan Regional Planning Commission~~
  - ☒ ~~Email Dave Bee to inquire~~
  - ☒ ~~Dave Bee forward email to commission~~
- ☒ ~~Reach out to RRS for suggestions~~
- ☒ ~~Meet with Morgan (Eaton County) to discuss project~~
- ☐ Coordinate with
  - ☒ ~~Eaton County 8/23~~
  - ☒ ~~Allegan County 9/4~~
  - ☐ Kent County
  - ☐ Ionia County
  - ☐ Calhoun County
  - ☐ Kalamazoo County
  - ☐ Ottawa County
  - ☐ Montcalm County

## Barry County Municipalities

Initial Contact (9/13/2022)

- ☒ ~~Create Google form for LUGs to gauge interest and assistance requirements~~
- ☐ Email all supervisors/managers/presidents and clerks - also send a physical letter?
  - o Draft email -

Subject: Barry County Materials Management Program - Township, Village, and City Participation Needed!

Body: Good morning,

My name is Rachel Frantz and I am the recycling coordinator for Barry County. We recently received a Materials Management County Engagement (MMCE) grant to look at how the county manages its solid waste and recycling of materials. For this grant I will be working with each municipality in the county to submit data for their township, village, or city, that will provide a better understanding of our current and future materials management needs. Most of this data should be easily accessible to you and will be focused on the collection of solid waste and recycling in your municipality. However, I am available to help with the completion of this data collection. Before I can assist you, however, you will need to join the Emerge Municipal Measurement Program (eMMP). The *application to join* is meant to ensure that the user applying has authorization to submit the data for that municipality and to prevent duplicate accounts.

After you have joined, please complete this short [survey](#) to help me better understand your needs as we move forward with this project. I will be following up by phone next week and from there we can schedule a meeting to complete this project.

Please reach out to me if you have any questions or concerns.

### 1st Follow Up (9/20/2022)

- ☐ Follow up *by phone* with LUGs

### Surveys (9/22 - 10/13)

- ☐ Schedule meetings with LUGs to complete profiles and surveys

### 2nd Follow Up (10/14/2022)

- ☐ Ensure at least 2/3 of LUGs have completed surveys (14 of 21)
- ☐ Reach out to those who have not and offer further assistance
- ☐ Send upcoming events and training opportunities to all municipalities
  - **Making the Case of Recycling**: September 15, 1:00 – 3:30 pm. A free virtual workshop on the new Environmental Protection Agency tools to increase communities' understanding of recycling opportunities, hosted by Michigan Recycling Coalition (MRC) and Resource Recycling Systems (RRS).
  - **Fall into Recycling/NextCycle Workshop**: October 6 and 7. An in-person event at MSU Management Education Center in Troy, Michigan. Fall Into Recycling is an MRC educational workshop designed to inform and support public and private sector program managers and service providers.
  - **Michigan Sustainability Conference (MiSCON)**: October 24 and 25. An in-person event at the Lansing Center in Lansing, This event is hosted by EGLE and designed for sustainability business professionals, sustainability community professionals, safety staff, environmental staff, and community leaders.
  - **EGLE Events Website**: Check the website for upcoming and past EGLE event registrations, recordings, and resources.

### Final Follow Up/Thank You for Participating (11/4)

- ☐ Send final follow-up email and "Thank you for participating" message to all LUGs

## Barry County Municipality Participation Tracker

Municipality	Joined eMMP	Completed BCR Survey	Completed eMMP Surveys About   Curbside   Drop-off		
Assyria Twp	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Baltimore Twp	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Barry Twp	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Carlton Twp	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Castleton Twp	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
City of Hastings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hastings Twp	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hope Twp	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Irving Twp	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Johnstown Twp	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Maple Grove Twp	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Orangeville Twp	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Prairieville Twp	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rutland Twp	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Thornapple Twp	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Village of Freeport	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Village of Middleville	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Village of Nashville	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Village of Woodland	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Woodland Twp	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Yankee Springs Twp	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

# MMCE SWOC Documents Synthesis

## Solid Waste Management Plan (1999)

### Summary

- The Barry County Solid Waste Management Plan 1999 update was approved on June 18, 1999.
- "The Plan provides for more than ten years of disposal capacity by relying on the City Environmental Services of Hastings Type II Landfill, located in Barry County (County), to meet your final solid waste disposal needs In addition, the County has authorized its waste to be exported to any of the remaining 82 other Michigan counties that authorize imports from the County in their plans As a result, the County has chosen not to include a siting process in its Plan The County authorizes the importation of waste from Allegan, Berrien, Branch, Calhoun, Cass, Clinton, Eaton, Hillsdale, Ingham, Ionia, Jackson, Kalamazoo, Kent, Lenawee, Montcalm, Muskegon, Ottawa, St Joseph, and Van Buren Counties"
- "Changes and revisions to the draft plan were completed based on (DEQ's) January 7, 1999 review letter. The Board of Commissioners approved the plan on March 9, 1999 and have received at least 67% approval from the local municipalities. The following municipalities have approved the update plan as of this date: Village of Middleville, Village of Nashville, City of Hastings, Baltimore Township, Hastings Charter Township, Rutland Charter Township, Hope Township, Maple Grove Township, Thornapple Township, Carlton Township, Orangeville Township, Castleton Township, Johnstown Township, Yankeep Springs Township, and Assyria Township"
- The plan was prepared by: Barry County Solid Waste Planning Committee - Committee Members: Dr. V. Harry Adrounie, Chairman, Steve Essling, Ken Kensington, Jeff Mansfield, Charles McSweeney, Clyde Morgan, Kenneth Neil, James Schnackenburg, William Sweeney, Richard Thomas, and Robert Wenger
- Total 1995 population: 52,574 | 94% rural 6% urban
- "Barry County has a good existing system for managing its' solid waste The County has one private Type II landfill that has approximately 23 years of capacity at current disposal rates. The County also has recycling opportunities for all of its' citizens through nine (9) recycling drop off stations strategically located throughout the County. The County and the private landfill also jointly sponsor an annual household hazardous waste collection service The Solid Waste Management Planning Committee reviewed the existing system during the planning process. After evaluation of the existing system and alternatives, they concluded that the present system is working well and should be continued. The plan calls for the continued use of City Environmental Services Landfill, Inc, of Hastings (CESLH) for primary disposal, continuation of the present recycling drop off box system and household hazardous waste collection system, and promotion of recycling, reuse and waste reduction within the County"

- Data base:

County	Waste Type	Current Annual Volume (yds)	Five-Year Annual Volume (yds)	Ten-Year Annual Volume (yds)
Barry	Household solid waste	113,028	118,800	124,900
	Commercial solid waste	27,306	28,700	30,200
	Industrial solid waste	15,508	16,300	17,100
	Industrial sludge	1,000	1,100	1,200
	Municipal sludge	2,100	2,200	2,300
	Construction/Demolition	4,000	4,200	4,400
	<b>Totals</b>	162,942	171,300	180,100

- Type II Landfill: City Environmental Services Landfill, Inc. of Hastings (CESLH)  
Total area of facility property: 330 acres  
Total area sited for use: 330 acres  
Total area permitted: 48 acres  
Operating: 193 acres  
Not excavated: 28.5 acres  
Current capacity: 4,000,000 yards  
Estimated lifetime: 23 years  
Estimated days open per year: 308 days  
Estimated yearly disposal volume: 175,000 yards
- Conditionally exempt Type B Transfer Station: Castleton, Nashville, & Maple Grove Townships  
Final Disposal Site: CESLH  
Total area of facility property: 7 acres  
Total area sited for use: 7 acres  
Estimated yearly disposal volume: 504 tons
- Conditionally exempt Type B Transfer Station: Orangeville  
Final Disposal Site: CESLH  
Total area of facility property: 20 acres  
Estimated yearly disposal volume: 252 tons
- Conditionally exempt Type B Transfer Station: Barry Township  
Final Disposal Site: CESLH  
Total area of facility property: 10 acres  
Total area sited for use: 10 acres  
Estimated yearly disposal volume: 1,104 tons
- Estimated Diversions (Tons/year) by way of backyard composting, curbside recycling, drop-off recycling, household hazardous waste collection, paper drives, and

commercial/industrial recycling:

Current: 8,060 | 5th Year: 8,475 | 10th Year: 8,910

- Materials present in waste stream (from OSWER 1994, 1996)

Paper = 22.4%

Cardboard = 16.4%

Plastics = 9.5%

Rubber = 2.2%

Glass = 6.3%

Yard Waste, Brush & Lead Composting = 14.6%

Wood = 7%

Mixed Metals = 7.6%

- Barry County Drop-off Sites
  1. Hastings Industrial Incubator, 1035 E State Street, Hastings
  2. Dowling Drop Off Center, Dowling Road, east of M-37
  3. Delton Drop Off Center , 9929 S Wall Lake Road, Delton
  4. Middleville Drop Off Center, 1045 Arlington, Middleville
  5. Castleton, Nashville, & Maple Grove Township Transfer Station, Casgrove Road East, Nashville
  6. Barry Township Transfer Station, 2994 Osborne Road, Hickory Corners
  7. CESLH Recycling Site, 1869 N Broadway, Hastings
  8. Orangeville Transfer Station, Lindsey Road, Orangeville
- No proposed new programs

## Iris Recycling Assessment Report (2018)

### Summary

This report gives a detailed view of the access to recycling and waste services in Barry County. It goes into detail about the services offered in each community, including the type of service, drop-off or curbside, the cost to residents, the availability and schedules of drop-off sites, and challenges for these programs from both municipal and residential perspectives. It also gives details on each drop-off facility including rules, fees, and budget. The report also discusses recycling processors that provide services in the county and the 2017 data for tons recycled from Barry County (to Kent County MRF). Additionally, it details where waste haulers who service Barry County are based, with the majority coming from neighboring counties. The report looks at neighboring counties' funding mechanisms for resource recovery programs, of which 4 out of 6 have. According to the report, households with access to municipal management services are as follows; 64% recycling through opt-in curbside contract, drop-off site, or waste transfer station, 36% trash through curbside contract or waste transfer station, 38% yard waste through seasonal pick-up or drop-off and waste transfer station, and 43% brush through seasonal pickup or drop-off and waste transfer station.

## Opportunities and Recommendations

- Illegal dumping is a big problem, especially at unattended, 24-hour, public recycling drop-offs. The report suggests fencing the area, installing security cameras, and recruiting volunteers to keep an eye on the site.
- Material overflow is an issue at high-use sites such as Yankee Springs. The report makes suggestions such as using smaller bins for easier pick-up and using per occurrence billing.
- Expansion of shared services, "Expanding (transfer stations) to accept all standard household recyclables would increase opportunities to divert materials from the landfill; road improvements, site and bin signage, and expanded hours of operation are suggested". It also discusses how a county-wide recycling program may be successful.
- Contracted single-hauler service would be the most effective way to increase recycling participation according to this report. By providing services to every household on a regular schedule. Smaller municipalities could collaborate with others on a contract to improve pricing. Additional benefits of single haulers contracts include fewer haulers on the roads, which results in less road damage and noise, as well as additional community services such as clean-up events and yard waste collection.
- Increase public education, "According to the Recycling Partnership, \$1.00 per household should be budgeted to provide effective public education"

## Appendix

- Barry County Materials Management Profile (for each municipality)
- Barry County Publicly Funded Materials Management Services - Map
- Barry County PaperGator®® Locations
- Illegal Dumping, Littering and Scavenging Laws Reference Summary
- Funding Options for Michigan Recycling Programs

## Iris Recycling Program Recommendations and Action Plan (2019)

### Summary

Iris Waste Diversion Specialists, Inc. established a centralized location for information on recycling and waste management on the Barry County website at [barrycountyrecycles.org](http://barrycountyrecycles.org), email at [recycle@barrycounty.org](mailto:recycle@barrycounty.org), and phone at 855-2GO-ZERO. They held a recycling forum for local units of government (LUGs) in February 2019 with 26 attendees who represented 10 municipalities. At the forum, LUGs were asked to bring a resolution to support and participate in a Barry County Resource Recovery Project. Carlton Township, Village of Freeport, Hastings Charter Township, the City of Hastings, Village of Middleville, Prairieville Township, Thornapple Township, and Yankee Springs Township had all adopted the resolution as of the date of publication of this plan.

## Recommendations and Plan of Action

- I. Recommendation 1: Retain (a) Recycling Coordinator position to continue to provide program administration, education, outreach, and technical assistance to municipalities, under the supervision of the Barry County Solid Waste Oversight Committee (BCSWOC).
  - A. Action 1A - Recycling Program Administration
  - B. Action 1B - Maintain Current Public Education Tools
  - C. Action 1C - Continue Outreach and Education
  - D. Action 1D - Enhancement of Outreach and Education
- II. Recommendation 2: Continue work towards (the) achievement of (the) goal to establish a recycling program that will capture materials with market value and divert them from the landfill, in a cost-effective and efficient system that best meets the needs of the Barry County community.
  - A. Action 2A - Resource Recovery Project
  - B. Action 2B - Develop Relationship with Eaton County for Resource Recovery Collaboration at Sunfield Township Recycling Center

## Barry County Mega Data Profile (2022)

### Project Overview

EGLE has switched focus from solid waste disposal to materials management, including waste reduction, diversion, recycling, and composting activities. EGLE has initiated data collection to document and inventory the current state of materials management in all 83 counties. The primary objective of the Mega Data Project is to provide baseline data to aid in the development of future materials management plans.

### Barry County Profile

- County programs and services include the Household Hazardous Waste collection events
- Municipal programs and services include trash haulers, trash drop-offs, recycling haulers, recycling drop-offs, recycling sorting facilities, organics haulers, and organics drop-offs.
- Materials management facilities listed in the county include compost facilities, transfer stations, waste diversion centers, and landfills.
- Education and outreach listed 12 of 19 categories achieved
  - Should be 16 with the addition of curbside recycling guidelines, search tool (interactive map), link to the solid waste management plan, and social media account
- Policy includes the following ordinances; Village of Middleville Collection of Residential Refuse and Recyclables ordinance, Village of Nashville Village Approval of Refuse Haulers Operating within Community ordinance, and Woodland Township Requirements for Solid Waste Disposal Site Proposals ordinance.

- Appendix A lists curbside recyclables accepted by type and community and drop-off recyclables accepted by type and community
- Appendix B lists additional facility information and includes organics facilities, transfer stations, waste diversion centers, and landfill facilities

## Natural Resources and Environmental Protection Act (NREPA) Act 451 of 1994 - Part 115 Solid Waste Management

### Part 115 of NREPA Act 451 Key Points

1. The plan requires that each county have a solid waste management plan approved by MDEQ (ELGE) and that DEQ is required to prepare and make available a standardized format for the preparation of these plan (updates).
2. 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 (l)(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:
  - a. 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;
  - b. 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.
3. Develop and encourage environmentally friendly solid waste disposal that utilizes valuable resources and resource conservation, including source reduction and source separation to prevent materials from entering the waste stream.
4. Require owners/operators of landfills to submit annual reports to the state, county, and municipality where the landfill is located with information on the amount of solid waste received and, to the extent possible, by county, state, or country of origin and the amount of remaining disposal capacity.

### Summary of House Bills 4454-4461 (Part 115 Update)

March 30, 2021: This policy package aims to improve waste management and increase recycling rates without imposing mandates or increasing tipping fees. The proposed policy changes will:

- Level the playing field for all materials management facilities – disposal, recycling, composting, and others.
- Remove policy preference for landfill disposal.
- Set recycling and material utilization goals that reflect local communities.
- Establish benchmark recycling standards to assure services are provided.
- Assist local governments in planning and materials management.

- Update regulations and oversight tools to meet the needs of a changing industry.

## Barry County Solid Waste Ordinances and Codes (see attachment 11)

### City of Hastings

1. Ord. No. 510, § I, 6-23-13
  - a. Burning of solid waste is prohibited
2. Code 1970, § 4.3
  - a. Dumping outside of trash receptacles at parks is prohibited

### Rutland Charter Township

1. Ord. No. 220-16-10
  - a. No trash, litter or junk shall be accumulated, placed, stored, or allowed on any premises in the Township, except in a lawful sanitary landfill, a lawful junkyard, or do not exceed eight days storage in watertight/covered storage receptacles
2. Ord. No. 220-12-3
  - a. LI Light Industrial District Zones special land uses may include municipal waste treatment, salvage and/or recycling centers
3. Ord. No. 220-17-9
  - a. Any junkyard, salvage yard, dismantling yard, or business dealing the same shall only conduct business within a building or within a solid fenced in area at least 8 feet tall to effectively screen activities conducted within; business shall only be conducted between the hours of 7:00am and 6:00pm daily; the premises shall be kept and maintained in a clean, sanitary, and neat condition so that rats, vermin, and fire hazards are kept to a minimum; no materials shall be stock-piled above the height of the fence or solid screen; there shall be no burning of any items other than trash made from paper products or wood; setback requirements shall apply; all activities must be currently licensed by the State of Michigan

### Yankee Springs Township

1. Ord. No. 10-01-2015, § I, 10-8-2015, eff. 10-26-2015
  - a. No garbage or waste products shall accumulate on temporary housing project sites
  - b. Burning of garbage in an outdoor finance is prohibited
2. Ord. No. 03-01-07, § III, 3-8-2007
  - a. No waste material or disposal, dumping or landfill operation shall be allowed in; Rural Residential; Residential Multi-Family; Residential Single-Family; Residential Lakefront Zoning Districts
  - b. Industrial Zoning Districts may have waste
3. Ord. No. 03-04-21, § 1, 3-11-2021

- a. Provisions for trash disposal must be provided at short term rentals, as well as sealed receptacles for trash containment
- 4. Ord. No. 04-01-08, § 1, 4-10-2008
  - a. Storage of garbage containers shall be screened from view of adjacent properties or roadways in Resort and Recreation Zoning Districts
- 5. Ord. No. 6-98
  - a. Every person using a public easement must pick up after themselves, littering will be prosecuted to the full extent of the law.
- 6. Parcels zoned I-1 Industrial may include waste disposal and recycling businesses, including scrap metal, building materials, etc.

## Village of Middleville

- 1. Sec. 78-32
  - a. No trash, litter or junk shall accumulate in yards, except in a lawful sanitary landfill, a lawful junkyard, or not to exceed eight days storage in watertight storage receptacles designed for the temporary accumulation of trash.
- 2. Sec. 78-36
  - a. Wastes stored outside that may cause fumes, odors and dusts shall be stored in a closed container and screened from public view and adjacent properties
  - b. No wastes shall be deposited on a lot or property that may allow movement by natural causes
  - c. No waste may accumulate on lot or property that may be unsightly, constitute a fire hazard or contribute to unsanitary conditions
  - d. Within multi-family residential, office, commercial, or industrial use property outdoor refuse containers shall be maintained and in good condition and appearance and kept free of debris - this section does not apply to refuse containers on temporary use or active construction sites.
- 3. Ord. No. 2050, § 1, 4-28-2009; Ord. No. 2054, § 2, 9-8-2009 Village of Middleville Refuse Collection and Disposal Ordinance
  - a. The Village shall have a single hauler contract
  - b. No person except a designated waste hauler shall engage in the business of collecting, transporting, delivering or disposing of residential refuse generated within the village
  - c. No person shall dispose of any construction debris, commercial refuse, hazardous waste or hazardous and flammable materials, recyclables, or yard waste in combination with residential refuse. No person shall dispose of any needles or syringes in residential refuse unless such needles or syringes are enclosed in a sealed container so as to prevent the puncture of or injury to any person handling such residential refuse
  - d. Except as authorized by the village council with respect to designated village-wide "cleanup days," no person shall scavenge any material from residential refuse or recyclables that are stored or placed by an owner within the village for collection by a designated waste hauler

- e. The waste hauler shall notify all premises within the village in writing of any change in collection schedule unless in the event of a legal holiday whereas collection will occur the following day excluding holidays and sundays unless published to the contrary

#### Village of Nashville

1. Ord. No. 50, 4-17-1939
  - a. [ORDINANCE NO \(nashvillemi.us\)](http://nashvillemi.us)
2. Ord. No. 1-22-1981
  - a. [ORDINANCE NO \(nashvillemi.us\)](http://nashvillemi.us)
3. Ord. No. 9-12-2019, 6-9-2022
  - a. [3-Exterior-Housing-Ordinance-9-12-2019.docx \(live.com\)](http://live.com)
  - b. [3-Exterior-Housing-Ordinance-amendment-06-09-2022-2.docx \(live.com\)](http://live.com)
4. Ord. No. 6-9-2022
  - a. [4-Junk-Ordinance-06-09-2022.docx \(live.com\)](http://live.com)

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

# Recycling Program Recommendations and Action Plan

Barry County  
Solid Waste Oversight Committee

Iris Waste Diversion Specialists, Inc.  
June 2019

# **Barry County Recycling Program Recommendations and Action Plan**

## **Introduction**

The landscape for recycling and resource recovery has changed significantly since 2017 when we first began our work with Barry County.

The imposition of strict contamination limits by the Chinese government and the resulting closure of their ports to U.S. imports in 2018 has forced the recycling industry to rethink the current system of collecting and sorting recyclable materials. High value is being placed on clean, contaminant-free bales of recyclable commodities. Mainstream media and celebrities are educating the public and making them aware of the vital role they play in the recycling system as we all strive for clean, quality materials.

Regardless of what's happening in other parts of the world or the United States, it's important to remember that recycling is most impacted by what happens locally and regionally. Successful recycling programs educate local recyclers on how to use the system to support the businesses and manufacturers that will use the materials being collected. Recycling and resource recovery programs come at a cost and these costs must be openly shared with users of the programs while providing data on the benefits and positive impacts of their participation. The benefits and impacts of resource recovery far outweigh the long-term legacy costs of landfill disposal.

It is our nature as humans to respect nature and use earth's limited resources wisely. We have unwittingly side-stepped our resourcefulness for conveniently packaged single-use, disposable goods and now find ourselves surrounded by it all, however we want to do the right thing and recycle but find that recycling isn't very convenient, and it isn't free.

This holds true for Barry County.

Recycling in Barry County is happening. 64% of the population has access to recycling at their local municipal recycling drop-off site or transfer station, at a private-sector recycling business, or as a subscription service from their waste provider. Most recycling by residents occurs at municipal recycling drop-off sites.

Recycling is locally funded by individual units of government and intended for use by the citizens whose local tax dollars support the recycling program. Because recycling is considered a universal activity, when recycling is available people want to participate. Municipalities that provide and fund an unsupervised, ungated recycling drop-off site end up providing a service to those outside of their taxable boundaries. Most of these municipalities turn a blind eye to "outsiders" using the drop-off sites due to the lack of resources to identify and make contact with them, yet "outsiders" materials increase the volumes in the recycling containers contributing to an increased frequency in service and costs. Municipalities also absorb the costs of misuse and illegal dumping at the recycling drop-off sites. Improper use is an indicator of the need for education and engagement with residents, and points to the need for an evaluation of existing systems for managing waste and enforcement of illegal dumping. It is this reality that drives Barry County municipalities with a recycling program to seek a financially equitable countywide solution.

Serving in the role as Recycling Coordinator, we have established a centralized location for information on recycling and management of residential discards on the county website at [BarryCountyRecycles.org](http://BarryCountyRecycles.org), through email at [recycle@barrycounty.org](mailto:recycle@barrycounty.org) and by phone at 855-2GO-ZERO (855-246-9376).

Participation in public events and presentations to community groups has raised awareness about Barry County's recycling landscape and identified information resources.

A Recycling Forum for local units of government was held in February of this year and provided a setting to educate and engage the 26 attendees who represented 10 municipalities about challenges and opportunities for recycling and give their thoughts for the ideal program. All municipalities were asked to bring forth to their Councils or Boards, a resolution to support and participate in a Barry County Resource Recovery project for the purpose of working collaboratively to identify an economically viable recycling/resource recovery program.

To date, the following local units of government have adopted the resolution:

- Carlton Township
- Village of Freeport
- Hastings Charter Township
- City of Hastings
- Village of Middleville
- Prairieville Township
- Thornapple Township
- Yankee Springs Township

The groundwork has been laid to further cultivate concepts and plans among these local units of government with a shared vision for creating a cost-effective, community-focused recycling and resource recovery system in Barry County. Developing a collaborative solution will bring benefit to all stakeholders and provide the County with a means to achieve benchmark goals, as proposed in pending State of Michigan materials management planning legislation.

As a result of many conversations with municipal leaders, community engagement, and research, and taking into account existing industry challenges and opportunities, the recommendations herein will strengthen the foundation and relationships developed over the past 2 years and forge a path for implementing a viable resource recovery system to support State of Michigan and Barry County materials management goals.

In the words of Barry County recycling innovator and trailblazer, Jim Brown, "Onward and Upward!"

Sarah Archer, Recycling Coordinator  
Iris Waste Diversion Specialists, Inc.

## **RECOMMENDATIONS AND PLAN OF ACTION**

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### **RECOMMENDATION I**

**Retain Recycling Coordinator position to continue to provide program administration, education, outreach, and technical assistance to municipalities, under the supervision of the Barry County Solid Waste Oversight Committee (BCSWOC).**

#### **ACTION 1A - RECYCLING PROGRAM ADMINISTRATION**

##### **Program Development**

- Work with community organizations and the private sector to achieve Goal #4 of the Barry County Solid Waste Plan, *To recover to the maximum extent possible, the resources available in Barry County's waste stream through source reduction, source separation, recycling and reuse*
- Monitor legislation and Michigan Department of Energy, Great Lakes and Environment, EGLE (formerly DEQ) activity that may impact BCSWOC goals
- Research opportunities for funding including grants, private sector partnerships, etc.
- Identify program development opportunities and provide written recommendations, as applicable

##### **Government Relations**

- Serve as the liaison for local units of government and the BCSWOC
- Educate LUG on recycling activities and programs in Barry County

##### **Communication**

- Regularly communicate and coordinate with the BCSWOC
- Provide monthly activity reports

##### **Meeting Attendance**

- Barry County Solid Waste Advisory Committee, monthly
- Barry County Board of Commissioners, as requested
- Local and regional meetings, as practical

##### **Data Research and Management**

- Further research recycling volume data in order to estimate a county recycling rate or other measure of residential recycling activity
- If warranted, establish a tracking system for volume data and qualitative information obtained

##### **Resource Recovery Program Profile Management**

- Review and update Barry County LUG recycling and waste program information on an annual basis and provide most current information on the [barrycountyclecyles.org](http://barrycountyclecyles.org) website
- Annually review, confirm, and update information on service providers within Barry County

## **ACTION 1B – MAINTAIN CURRENT PUBLIC EDUCATION TOOLS**

Public education tools have been developed including the establishment of a dedicated web domain name, [barrycountyrecycles.org](http://barrycountyrecycles.org), which is directed to comprehensive information on the Barry County website. Residents now have the means to inquire and communicate regarding the handling of unwanted materials by email at [recycle@barrycounty.org](mailto:recycle@barrycounty.org) and toll-free by phone, 855-2GO-ZERO (855-246-9376).

Continue maintenance and support of the following tools to provide added value to Barry County residents:

- Webpage Content Management
- Public Inquiries and Referral
- 2Go-Zero Quick Reference Guide
- Michigan EGLE Recycling Directory

## **ACTION 1C – CONTINUE OUTREACH AND EDUCATION**

Implement a low budget education and marketing plan utilizing available resources and outlets.

- Marketing and Media Management
- Public Presentations/Community Event Booths

## **ACTION 1D – ENHANCEMENT OF OUTREACH AND EDUCATION**

Research and identify funding for the following recommended enhancements to current public education efforts:

On-line, Searchable Recycling Directory

This intuitive materials directory is accessed from the website and is available as an app for smartphones and devices. Examples:

- City of Bay City – ReDirectory [www.baycityrecycles.org](http://www.baycityrecycles.org)
- Grand Traverse County – Take it Back Recycling Directory [www.recyclesmart.info](http://www.recyclesmart.info)
- RRRASOC – Recycling Directory [www.rrrasoc.org](http://www.rrrasoc.org)

Barry County Recycles Promotional Products

Recycled content promotional products serve as prompts and reminders of where to get more information. These items can be distributed at public events or when participating as an event exhibitor or presenter. Feature [BarryCountyRecycles.org](http://BarryCountyRecycles.org) to raise awareness of the website in the form of durable and reusable items such as magnets, clips, bags, etc.

Public and School Education Programming

Work with local education organizations, such as Pierce Cedar Creek Institute, to develop lessons to educate and engage students and the community in resource recovery activities.

## **RECOMMENDATION II**

**Continue work towards achievement of goal to establish a recycling program that will capture materials with market value and divert them from the landfill, in a cost effective and efficient system that best meets the needs of the Barry County community.**

Determining options for Barry County are influenced by the following factors:

### **Market Influence**

- Zero tolerance for contamination in global marketplace puts single-stream collection system under scrutiny
- Heavy investment in labor and technology upgrades are being made/needed at material recovery facilities to meet zero tolerance specifications, with costs of these investments being passed on to the consumer/municipality
- Domestic market development is underway in the Midwest region

### **State of Michigan Legislation**

- Funding for recycling was approved in 2018 making available opportunities for significant grant awards for recycling infrastructure
- Pending introduction of legislation to amend Part 115, Solid Waste Management, of Natural Resources and Environmental Protection Act, to change Michigan's focus from ensuring landfill capacity to a focus on recovery of resources, and to change County solid waste management planning to materials management planning, and require achievement of specific recycling benchmarks

### **Needs of Local Units of Government (LUG)**

#### **Needs of LUGs with drop-off sites**

- Cost-effective recycling system
- Solution for contamination/dumping
- Place for materials to be processed that gives assurance that materials will be recycled

#### **Needs of LUGs without recycling**

- Access to recycling for their residents
- Cost-effective recycling system that doesn't require a lot of money or oversight

### **Barriers to Filling Needs in Existing Landscape**

- Increased cost for processing single-stream recyclables at Kent County Material Recovery Facility
- Depressed markets for single-stream materials
- Distrust by public about whether recyclables are being recycled or landfilled
- Lack of population density to attract roadside collection service vendors

### **Near-Term Opportunities to Meet Barry County Needs**

- Collaboration among local units of government to establish broader, community-based recycling program
- Collaboration with Eaton County to develop a regional source-separated operation at the Sunfield Recycling Center

## **ACTION PLAN 2A – RESOURCE RECOVERY PROJECT**

Facilitate a group of local units of government that have expressed an interest in working collaboratively towards a countywide solution. The resource recovery collaboration project should be driven by stakeholders and include the following activities:

- Updates on recycling industry and factors affecting programming
- Review of local assets and gaps for resource recovery
- Examination of model programs and best practices
- Identification of options for a sustainable Resource Recovery program for the participating jurisdictions, including private, public and private-public options
  - Collection system
  - Processing of materials
  - Governance/administration
  - Finance/funding
- Evaluation and determination of the ideal option and an associated implementation strategy
- Development and implementation of the ideal option

The recommended plan of action will build on the momentum that has been established, put detail to concepts, and identify a strategy conceived and supported by stakeholders of the process.

## **ACTION PLAN 2B – DEVELOP RELATIONSHIP WITH EATON COUNTY FOR RESOURCE RECOVERY COLLABORATION AT SUNFIELD TOWNSHIP RECYCLING CENTER**

The closure of the Sunfield Township Recycling Center in April 2019 and acquisition of it by Eaton County, presents an opportunity that could provide mutual benefit to Barry and Eaton County. The Barry County SWOC has expressed interest in exploring collaboration possibilities to establish a regional recycling center. The drop-off facility accepts recyclable materials separated by users, known in the recycling industry as source-separated collection; this method contrasts with single-stream collection where all recyclables are accepted mixed together. Current markets demand high quality recyclable commodities at a level which is extremely difficult to achieve at existing single-stream material recovery facilities in Michigan.

A source-separated collection system keeps product types separated on the front end to produce a pure high-quality commodity which will have a higher market value. A collaboration between Barry and Eaton County to consolidate recyclable commodities at the Sunfield Recycling Center has the potential to benefit both parties in the form of shared costs, shared revenues, expanded access, and greater material recovery.

Some of the benefits and challenges of working collaboratively with Eaton County are:

Benefits:

- Sunfield Recycling Center is well established, well maintained
- Familiar to residents of northeast Barry County
- Source-separated collection system

- Easy access from M-43, accessibility to I-96, M-66
- Same distance for most Barry County municipalities to Sunfield Recycling Center as to Kent County Material Recovery Facility
- Potential for collaboration with Eaton County and region
- Support of Eaton County Administration and Board to keep Sunfield Recycling Center in operation and investigate regional expansion and partnerships

Challenges:

- Located in Eaton County
- Recent decision
  - Unknown time frame for reopening Sunfield Recycling Center
  - Undefined relationship with Eaton County
- Political barriers

# SUMMARY OF HOUSE BILLS 4454-4461

## Part 115 Update

March 30, 2021

**This policy package aims to improve waste management and increase recycling rates without imposing mandates or increasing tipping fees. Funding to support this work was secured in 2018 with the passage of the Renew Michigan Fund. The proposed policy changes will:**

- Level the playing field for all materials management facilities – disposal, recycling, composting, and others.
- Remove policy preference for landfill disposal.
- Set recycling and material utilization goals that reflect local communities.
- Establish benchmark recycling standards to assure services are provided.
- Assist local governments in planning and materials management.
- Update regulations and oversight tools to meet the needs of a changing industry.

### HB 4454 | General & Definitions | Rep. Howell

- Defines Benchmark Recycling Standards, as minimal level of service provision. With the following goals:
  - 90% of single family households in municipalities over 5,000 to receive curbside recycling service for one or more materials by 2028.
  - Counties with population less than 100,000 to host one drop-off recycling per 10,000 residents.
  - Counties of populations over 100,000 to host at least 1 drop-off for every 50,000 residents
- Defines types and levels of composting facilities requirements for managing volumes and types of organics.
- Defines functional stability of a landfill.

### HB 4455 | Definitions & Goals | Rep. Cambensy

- Defines required host community approval for hosting a facility within jurisdiction.
- Defines managed material and materials utilization facilities.
- Establishes goals to optimize and reach a 45% recycling rate.
- Requires facilities to comply with Part 115, county plans, and defines terms for required registration and permitting.

### HB 4456 H-1 | Disposal Areas & Waste Diversion Centers | Rep. Sowerby

- Adjusts fees on disposal areas as negotiated with industry, less than inflation.
- Includes new landfill gas management and flexible post-closure requirements.
- Allows EGLE to enter, inspect, and monitor sites and facilities.

#### **HB 4457 H-1 | Financial Assurance | Rep. Rabhi**

- Sets forth financial assurance requirements for site clean-up in cases of bankruptcy and other catastrophic failures.
  - Adjusts the financial assurance required for landfills.
  - Establishes financial assurance for other types of materials management facilities.

#### **HB 4458 | Miscellaneous Provisions & Enforcement | Rep. O'Malley**

- Provides option for the state to develop a materials management plan for a county that chooses not to plan.
- State-developed plan will ensure haulers operating within the county will offer services that meet the benchmark recycling standards.

#### **HB 4459 | Funds and Grants & Beneficial By-Products | Rep. Martin**

- Identifies how state Renew Michigan funds are to be allocated for activities that include planning, grants and loans for market and infrastructure development, education & outreach, and economic development.

#### **HB 4460 H-1 | Materials Utilizations Facilities | Rep. VanSingel**

- Establishes a larger regulatory structure to provide increased oversight of compost facilities, as well as recycling plants and anaerobic digesters.
- Identifies the limits of small, medium, and large compost facilities and fees for registration.

#### **HB 4461 H-1 | Materials Management Plans | Rep. Tate**

- Updates county solid waste planning to county materials management planning.
- Encourages the development of regional planning.
- Sets forth a timetable for planning and requirements for involvement in the process.
- Identifies current mechanisms that can be used to fund service provisions.
- Requires notice of planning activities to municipalities with 2 miles of a proposed facility.
- Makes funding available for planning and implementation of those plans.
  - Every year \$60,000/county, first three years of a planning cycle counties will receive \$.50 per capita not to exceed \$600,000.
  - Directs some types of funding to those counties that can demonstrate progress toward defined goals and benchmark standards.

County	LUG	Ordinance	Code
Barry	City of Hastings	Ord. No. 510, § 1, 6-23-13 Sec 42-157 (a) No person shall burn any refuse, including paper, paper boxes, combustibles, garbage, or other flammable material within the city, except as hereafter provided.	
Barry	City of Hastings	Sec 58-36 (b) No person in any park shall: Have brought in or dump or deposit, bottles, glass, ashes, paper, garbage or other refuse or trash; and no garbage or trash shall be placed in receptacles in the park except that in the park use. Where receptacles are not so provided, all such rubbish or waste shall be carried away from the park by the person responsible for its presence and properly disposed of elsewhere.	Code 1970, § 4.3
Barry	City of Hastings	Ord. No. 288, 7-24-95	Code 1970, §§ 8.121, 8.129, 8.130
Barry	City of Hastings	Sec 66-1 Unlawful Disposal	
Barry	City of Hastings	Ord. No. 288, 7-24-95	Code 1970, §§ 12.157, 12.159
Barry	City of Hastings	Sec 66-2 Loads To Be Covered	
		Ord. No. 553 to amend division 1 and division 3, of article 2, of chapter 66 of the Hastings code of 1970	
		Sec 66-61 City To Have Charge, Management And Control Of Regulation And Disposal; Authority To Contract For Removal And Disposition	Code 1970, § 8.120
		The council shall have charge, management and control of the regulation and disposition of garbage and other refuse matter in the city and for that purpose shall have power to contract with any person for the removal and disposition of all garbage in the city.	
Barry	City of Hastings	Sec 66-62 City To Enter Into Contract Or Franchise Agreement For Collection, Removal And Disposal	Code 1970, § 8.123
		The council may enter into a contract or franchise agreement with a person who will agree and undertake to furnish the necessary vehicles for collecting and removing garbage and other refuse, and to collect and dispose of the same by the landfill method.	
Barry	City of Hastings	Sec 66-63 Rates	Code 1970, § 8.124
		The person with whom a contract provided for in section 66-62 is made shall be known as the garbage contractor and for and in consideration of the privileges given and extended to the contractor, he shall receive no compensation from the city but he shall be permitted to make and enter into such contracts for the collection of garbage with the citizens of the city.	
Barry	City of Hastings	Sec 66-64 Garbage Contractor To Provide Proper Vehicle; Identification	Code 1970, § 8.125
		The person who shall be authorized and licensed in accordance with this division for the collecting and removal of garbage and other refuse matter shall provide a proper vehicle, which shall meet and fulfill all laws and regulations established by the state.	

County	LUG	Ordinance	Code
Barry	City of Hastings	DIVISION 66-II-3 OWNER OR OCCUPANT RESPONSIBILITIES	Code 1970, § 8.128
		Sec 66-86 Functions Of The Health Officer	Code 1970, § 8.130; Ord. No. 288, 7-24-95
		Sec 66-87 Municipal Civil Infraction	Code 1970, §§ 8.121, 8.129
		Sec 66-88 Prohibiting The Accumulation Of Garbage	Code 1970, § 8.129(d)
		Sec 66-89 Garbage Containers	Code 1970, § 8.122
		Sec 66-90 Preparation Of Garbage; Use Of Containers	Ord. No. 553
		Sec 66-91 Placing Of Dangerous Materials In Containers	
		Sec 66-92 Burning Fires In Garbage Containers	
		Sec 66-93 Placement Of Garbage Containers	
		Sec 66-94 Dumpsters On Residential Lots	
Barry	City of Hastings	Ord. No. 301, § 7(3.232), 2-10-97; Ord. No. 355, § 1, 8-26-02	
Barry	Village of Middleville	Ord. No. 2124	
		Ord. No. 2120	
		Ord. No. 2119	
		Ord. No. 2099	
		Ord. No. 2095	
		Ord. No. 2075	
		Ord. No. 2074	
		Ord. No. 2069	
Barry	Village of Middleville	Chapter 27 - LICENSING AND REGULATION OF WASTE HAULERS; COLLECTION OF REFUSE AND RECYCLABLES	
		Sec. 27-2. - Findings; purpose.	
		The village council has determined that it is necessary to protect the public health, safety and welfare of the village's residents and in the best interest of the village to implement a coordinated refuse collection and disposal program to provide residential refuse and recyclables collection, hauling and disposal services at a competitive price; reduce the number and frequency of waste hauler vehicles on village streets; and improve the aesthetics of the village through coordinated residential refuse and recyclables collection in the village.	
		Ord. No. 2050, § 1, 4-28-2009; Ord. No. 2054, § 2, 9-8-2009	
Barry	Village of Middleville	Sec. 78-36. - Outdoor storage and waste disposal	

Barry Village of Middleville

## Sec. 78-445. - Prohibited uses.

The following land uses, facilities or activities are prohibited within wellhead protection zones:

(1) Surface use, storage, or discharge of any hazardous waste or material, including agricultural pesticides, household detergents, industrial and commercial solvents, or other materials falling within the definition set forth under section 78-442.

(2) Septic tanks and/or drainfields for septic systems.

(3) Impervious surfaces other than roofs of buildings, and streets, driveways and walks serving buildings permitted under section 78-444.

(4) Sanitary landfills or other disposal sites where solid waste or other substances falling within the definition of section 78-442 are disposed of by placement of same under earthen cover.

(5) Waste disposal sites involving the storage or maintenance of any materials falling within the definition set forth under section 78-442.

Sec. 6-96. - Conditions on grant of license

(3) Waste disposal. The licensee shall provide for the temporary storage of waste on, and subsequent removal from, the premises, in accordance with all village rules and regulations pertaining to the accumulation and disposal of waste and garbage. The licensee shall not permit the temporary storage of waste on the premises to create a nuisance.

25.813 - Commercial waste hauling; regulation.

Sec. M. Commercial waste hauling vehicles, including septic waste hauling vehicles, may not discharge contents into the public sewer system except as authorized by the Authority Board.

Sec. 12.13. - Temporary Housing.

During the construction of a new dwelling or remodeling of an existing dwelling within the township, the home owner may request planning commission approval of the use of a mobile home, travel trailer, motor home or recreational vehicle as temporary housing on the construction site. The following restrictions and conditions shall apply:

3. A waste collection company shall be hired to remove all garbage and waste products. Such products shall not be allowed to accumulate on the project site.  
Ord. No. 10-01-2015, § 1, 10-8-2015, eff. 10-26-2015

Barry Yankee Springs Township

Sec. 3.4. - Rural Residential Zoning District.

B. Permitted uses: 10. Essential services, subject to the following conditions and limitations:  
d. No waste material or disposal, dumping or landfill operation shall be allowed.

Sec. 3.6. - Residential Multi-Family Zoning District.

B. Permitted uses: 9. Essential services, subject to the following conditions and limitations:  
d. No waste material or disposal, dumping or landfill operation shall be allowed.

Sec. 3.7. - Residential Single-Family Zoning District.

B. Permitted uses: 7. Essential services, subject to the following conditions and operation limitations:  
d. No waste material or disposal, dumping or landfill shall be allowed.

Sec. 3.8. - Residential Lake Front Zoning District.

C. Permitted uses: The following uses are permitted in the lakefront district: 7. Essential services. Subject to the following conditions and limitations:  
d. No waste material or disposal, dumping or landfill operation shall be allowed.

Ord. No. 03-01-07, § III, 3-8-2007

Barry Yankee Springs Township

3.000 - MUNICIPAL INFRACTIONS Ord. No. 6-98 Adopted: May 14, 1998

3.002 - [Use.] Sec. 2. The use of any easement dedicated to the public shall not be limited to any group of residents of the state, county or township except as follows:

F. Trash, garbage, and/or other refuse. (1) Every person using a public easement shall be required to pick up after themselves. Anyone caught littering will be prosecuted to the full extent of the law.

Barry Yankee Springs Township

ARTICLE XVIII - RIPARIAN LOT USE REGULATIONS

Sec. 18.4. - Use of Public Easements.

f. Trash, garbage and/or other refuse: Every person using a public easement shall be required to pick up after themselves. Anyone caught littering will be prosecuted to the full extent of the law.

Barry

Yankee Springs Township

Part 174

174.000 - SHORT-TERM RENTALS Ord. No. 03-04-21 Adopted: March 11, 2021

Effective: April 19, 2021

174.005 - Short-term rental standards.

Sec. 5. All Short-Term Rentals must meet the following standards whether or not a permit is required:

G. Provisions for trash disposal must be provided. Trash must be contained in properly sealed receptacles. There must be no overflow that will be attractive to vermin.

"ARTICLE X - SHORT TERM RENTALS[1]

Footnotes:

--- (1) ---

Editor's note— Ord. No. 03-04-21, §§ 1—8, adopted March 11, 2021, did not specify manner of inclusion, hence, codification as Art. X, §§ 10.1—10.8 was at the discretion of the editor.

Sec. 10.5 - Short term rental standards.

All Short Term Rentals must meet the following standards whether or not a permit is required:

G. Provisions for trash disposal must be provided. Trash must be contained in properly sealed receptacles. There must be no overflow that will be attractive to vermin.

Ord. No. 03-04-21, § 1, 3-11-2021

Barry

Yankee Springs Township

ARTICLE XII - GENERAL REGULATIONS, DWELLING STANDARDS AND SETBACK REQUIREMENTS, PARCEL SIZE, MAXIMUM LAND COVERAGE, ACCESSORY BUILDINGS, DECKS, FENCES AND BARRIERS, PARKING, AND HEALTH AND SANITATION REGULATIONS[1] Sec. 12.14. - Outdoor Furnaces. B. Permitted fuel: Only firewood, wood pellets, untreated lumber, and untreated agricultural products such as corn pellets or seeds are permitted to be burned in any outdoor furnace. Burning of any other materials, including, but not limited to, garbage, painted or treated wood, rubber, or newspaper, in an outdoor furnace is prohibited.

Ord. No. 10-01-2015, § 1, 10-8-2015, eff. 10-26-2015

Barry

Yankee Springs Township

Sec. 3.9. - Resort and Recreation Zoning District.

E. Additional development standards:

2. Storage of refuse containers shall be screened from view from adjacent properties or roadways by fencing.

Ord. No. 04-01-08, § 1, 4-10-2008

Barry

Yankee Springs Township

Sec. 3.14. - I-1 Industrial Zoning District. D. Special exception uses: (See the conditions and requirements in Article IV.) 5. Waste disposal and recycling businesses, including scrap metal, building materials, etc.

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## HHW Disposal Company

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Grossman, Christine (EGLE) <GROSSMANC@michigan.gov>  
To: Rachel Frantz <rachel.frantz@macd.org>

Fri, Jul 8, 2022 at 1:53 PM

Hi Rachael. Auditing a disposal vendor for a person-to-person contract is outside of our EGLE authority. Our EGLE staff only audit the disposal vendors for compliance with the environmental regulations we implement.

A few things I'd recommend for starters if you haven't already:

- Look more closely at your contract and see what documents are required then review them to see if they align
- Discuss supplementing the records to be provided on collected materials in any future contracts
- Have staff present for the whole collection event verifying proper recordkeeping, weighing, etc. of collected materials
- Ask for and review any bill of lading used to meet MSP US DOT for transporting the collected HHW to DLD, see if volumes/weights seem to align – shipping documents and manifests are not required by EGLE for collected HHW
- Reach out to other HHW roundtable members, confirm who works with DLD, and discuss your experience

It doesn't surprise me that you may have experienced an increase in collected materials following the pandemic lock-down. It gave folks more time to organize. Hopefully, that is all that happened and you're able to verify with a little more digging that it was a legitimate billing.

Regards,

Christine Grossman

Environmental Specialist, Materials Management Division Programs

Environmental Support Division, Training and Outreach

Michigan Department of Environment, Great Lakes, and Energy

517-285-5637 | GrossmanC@Michigan.gov

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**From:** Rachel Frantz <rachel.frantz@macd.org>  
**Sent:** Friday, July 8, 2022 1:17 PM  
**To:** Grossman, Christine (EGLE) <GROSSMANC@michigan.gov>  
**Subject:** HHW Disposal Company

**Barry County Solid Waste Oversight Committee  
Mini-Grant Program – Grant Application Form**

Name of applicant

MaryAnn DeVries

Organization represented

Prairieville Parks and Recreation

Address of applicant

10115 S. Norris Rd.  
Delton, MI 49046

Contact name, email, and phone number

MaryAnn DeVries, Chairperson  
[MABDConsultants@yahoo.com](mailto:MABDConsultants@yahoo.com)  
(269) 209-5459

Total project cost\*

**\$1,452.80**

*\*Please also attach a full project budget, detailing costs*

Amount of grant request (maximum \$4000)

**\$912.80**

Amount of matching funds (minimum 33% of total project)

**\$540.00**

Source of matching funds

The source of the matching funds will be from our general budget.

budget

Project name

Starting Recycling at Gull Lake Park

Describe the project and how it addresses the goals and objectives of the BCSWOC, as listed in the grant program outline (attach additional sheets and other project documents as necessary): **Please see page 3.**

Thank you for giving me the opportunity to clarify our grant. This project is a trial to start recycling at our parks. We have chosen Gull Lake Park for the pilot. It is our largest park and has the most traffic. At this time, the containers that we have are for trash. We would like to see recycling started and have identified one container for returnable cans and plastic bottles as the best way to begin. At the parks we discourage glass as it can be dangerous if broken. By only starting with one container, we have a greater chance of being effective. It also gives us a chance to solve any issues that arise.

We chose returnables as people are used to saving their bottles and cans out. Many people who would recycle at home, often do not think of that when having a day out. Refreshments are frequently involved when people are fishing or boating. Upon returning to the park, these empties are just thrown in the trash when they could be returned. By purchasing a heavy-duty recycling container that is labeled for cans and providing eye level signage to discourage contamination, we will continue the procedure of keeping these cans from going into the landfill.

We are very hopeful that one container will not be enough but with the cost of the container and the unknown success of a trial, we do not feel right asking for more than one at this time. It is certainly our primary goal for the trial to be effective and give us the opportunity to expand recycling efforts to all of our parks. This is just a start, but it is a step in the right direction.

Our 2<sup>nd</sup> goal is to involve a scout troop or other community organization in this process. If our staff stores the cans and the group returns them, it becomes an opportunity for them to make money for their projects as well as a community process. The bottom line is it is good for our environment.

This addresses all objectives of Barry County Solid Waste Oversight Committee.

- Objective A: We will be working toward reduction and reuse of solid waste through the collection of bottles and cans that will no longer fill up our landfill.
- Objective B: We will be providing hands on education with the group of identified young people about alternative methods of solid waste management. This is especially focused on collecting returnables, making sure they are clean to return and helping them understand the benefits of saving our environment.
- Objective C: We will be providing the materials and a framework for alternative means of disposal. This includes the recycling container, a sign and the visitors to our parks leaving their returnables.
- Objective D: We will be establishing activities as previously mentioned. This procedure is aimed at a reduction of solid waste. Again, having a group of young people as a part of the process is educating our future, a key for recycling to be sustainable.

Your willingness to help the residents of Barry County make a difference for our environment, is very much appreciated. Thank you for consideration of our request.

Signature of grant applicant

Mary Ann DeVries

Date of submittal

July 14, 2022

To be completed by BCSWOC:

Date application received \_\_\_\_\_

Approved (Y/N) \_\_\_\_\_

Note: Upon grant award, BCSWOC will prepare a grant agreement for approval by the BCSWOC and the grantee specifying in detail the work to be completed through the use of grant funds, schedule for completion of such work, the required local matching funds and how such funds are to be used, and other details, terms and conditions as applicable to each grant. No work shall be completed prior to the parties entering into the grant agreement unless otherwise authorized by the BCSWOC in writing.

Prairieville Township Parks and Recreation  
BCSWOC Mini Grant  
Budget Page

Budget Category:	Total Project Budget	Grant	Match
Container and Shipping	\$912.80	\$912.80	
Volunteer or Staff	\$390.00	0	\$390.00
Signage at eye level	\$150.00	0	\$150.00
Totals:	\$1,452.80	\$912.80	\$540.00

If we are fortunate enough to get a mini grant, we would use it to pay for the container and shipping.  
We will pay for the signage and staffing. Should the signage be less than \$150.00, we will still meet the 30%.  
We are including one year of staffing although this will be a yearly cost.

## Recycle Away Order

1 Item(s)		\$815.00
Shipping		\$97.80
Taxes	exempt	\$0
<b>TOTAL</b>		<b>\$912.80</b>

### ITEMS IN THIS ORDER



[Posted Recycling and Waste Barrel with Lift Off Lid](#)

[View Options](#)

QTY: 1

\$815.00

# BARRY COUNTY SOLID WASTE OVERSIGHT COMMITTEE

TYDEN CENTER CONFERENCE ROOM, HASTINGS MI

## SIGN-IN

SEPTEMBER 9<sup>TH</sup>, 2022

### NAME

1. FRANK FIALA BCRC
2. JERRIE FIALA PUBLIC
3. Tom Rook
4. JIM BROWN.
5. ~~Wol~~ MATT ROSSE WM
6. Vivian Conner County Commissioner
7. Rachel J. Frantz
8. ~~John~~ ~~to~~
9. ~~Allyson~~ City of Hastings.  
Sarah Nelson
- 10.
- 11.
- 12.

### EXCUSED

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_

### GUEST

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

**Barry County Solid Waste Oversight Committee**  
Tyden Center Conference Room, Hastings, MI

September 9, 2022

**Agenda**

- I. Call to Order
- II. Approval of Agenda
- III. Approval of August 12, 2022 Meeting Minutes
- IV. Recycling Coordinator Report:
  - A. Kent County Recycling and Education Tour with Eaton County - Oct 20, 10am - 12pm
- V. Treasurer's Report
- VI. Old Business
  - A. HHW Collection Event
    - 1. Tires
    - 2. Electronics
    - 3. Volume tracking
  - B. MMCE Grant
    - 1. Review Proposed Municipality Engagement Plan, **vote** to approve
    - 2. Document review (synthesis provided)
      - a) Barry County Solid Waste Management Plan
      - b) Iris Recycling Assessment Report
      - c) Iris Recycling Program Recommendations and Action Plan
      - d) Barry County Mega Data Profile
      - e) Natural Resources and Environmental Protection Act (NREPA) Act 451 of 1994 - Part 115 Solid Waste Management
      - f) Summary of House Bills 4454-4461 (Part 115 Update)
      - g) Barry County Solid Waste Ordinances and Codes
- VII. New Business
  - A.
- VIII. Public Comment
- IX. Chairman Comment
- X. Member Comment
- XI. Adjournment

**Attached documents:**

- Attachment 1:** August 12 Draft Minutes
- Attachment 2:** August Recycling Coordinator Report
- Attachment 3:** MMCE Proposed Municipality Engagement Plan
- Attachment 4:** MMCE SWOC Documents Synthesis
- Attachment 5:** Barry County Solid Waste Management Plan
- Attachment 6:** Iris Recycling Assessment Report
- Attachment 7:** Iris Recycling Program Recommendations and Action Plan
- Attachment 8:** Barry County Mega Data Profile
- Attachment 9:** Natural Resources and Environmental Protection Act (NREPA) Act 451 of 1994 - Part 115 Solid Waste Management
- Attachment 10:** Summary of House Bills 4454-4461 (Part 115 Update)
- Attachment 11:** Barry County Solid Waste Ordinances and Codes