

**Antrim County  
Solid Waste and Recycling Council**

**Minutes  
January 23, 2017**

Members Present: Sue Reck, Heather Butler, Dave Kotwick, Kathy Peterson, Melissa Zelenak  
Members Absent: Sue Schuler, Mike Domsic, Mike McPherson, Bob Ricksgers  
Others present: Janet Koch

**1. Call to Order**

The meeting was called to order at 3:05 p.m. by Janet Koch, Associate Planner.

**2. Public Comment**

None.

**3. Organizational Meeting**

Election of Officers

Chairman:

Sue Reck was nominated for Chairman by Melissa Zelenak.

**Motion by Melissa Zelenak, seconded by Kathy Peterson, to close nominations for Chairman of the Solid Waste and Recycling Council (SWRC) and to cast a unanimous ballot for Sue Reck. Motion carried - unanimous.**

Vice-Chairman:

Dave Kotwick was nominated for Vice-Chairman by Melissa Zelenak.

**Motion by Melissa Zelenak, seconded by Kathy Peterson, to close nominations for Vice-Chairman of the SWRC and to cast a unanimous ballot for Dave Kotwick.**

**Motion carried - unanimous.**

The remainder of the meeting was chaired by Sue Reck.

Selection of meeting dates/times:

**Motion by Dave Kotwick, seconded by Kathy Peterson, to set the SWRC 2017 meeting dates and times as the 4th Monday of April, July, and October at 3:00 pm in Room 211. Motion carried - unanimous.**

**4. Welcome New Member**

Commissioner Melissa Zelenak was welcomed as a new member of the SWRC.

**5. Approval of Minutes**

**Motion by Heather Butler, seconded by Kathy Peterson, to approve the minutes from the October 24, 2016 meeting as presented. Motion carried - unanimous.**

**6. 2017 Budget**

The SWRC reviewed the 2017 budget for the recycling program and noted that the cost of the County's contract with American Waste had been reduced from the previous year.

**7. Quarterly Recycling Totals**

The SWRC and Janet Koch, Associate Planner, discussed the recycling data for the fourth quarter of 2016.

**8. 2014-2016 Recycling Totals**

Ms. Koch said she would contact Mark Bevelhymer from American Waste for any additional information about the unusual pattern and would report what she'd learned to the SWRC. The group requested that she ask Mr. Bevelhymer if he could attend the April meeting either in person or through a conference call.

**9. Various Matters**

Recycling Bins

Ms. Koch said American Waste had updated most of the current recycle bins located at the various sites with new recycling containers and would complete the changeover in February. The new bins were said to be more user friendly and American Waste will be using a different type of truck to empty them.

The safety of the recycling sites was discussed; Ms. Reck suggested that Ms. Koch contact the Sheriff's Office regarding the possibility of using community corrections to maintain the recycling sites.

Education Efforts

The SWRC discussed the possibility of increasing education efforts about the County's recycling program.

Ms. Zelenak asked about the recycling brochure available on the County's website, adding that she was willing to update the information. Ms. Koch readily agreed and said she would send the file.

MRC Conference

Ms. Zelenak said she was interested in attending the Michigan Recycling Coalition's conference in May, which is being held in Lansing. Ms. Koch said she will watch for a posting of the conference program and distribute the information when available.

**X. Public / Member Comment**

Ms. Zelenak said she had watched recent Michigan Department of Quality webinars on recycling, adding that they were very informative.

April 24 was noted as the next meeting date.

Meeting adjourned at 3:51 p.m.

**Antrim County  
Solid Waste and Recycling Council**

**Minutes  
April 24, 2017**

Members Present: Sue Reck, Dave Kotwick, Bob Ricksgers, Sue Schuler, Melissa Zelenak  
Members Absent: Heather Butler, Mike Domsic, Mike McPherson, Kathy Peterson  
Others present: Janet Koch, Tom Clement

**1. Call to Order**

The meeting was called to order at 3:00 p.m. by Sue Reck, Chair.

**2. Public Comment**

None.

**3. Approval of Minutes**

**Motion by Dave Kotwick, seconded by Sue Schuler, to approve the minutes from the January 23, 2017 meeting as presented.**

**Motion carried - unanimous.**

**4. Quarterly Recycling Totals**

The SWRC and Janet Koch, Associate Planner, discussed the recycling data for the first quarter of 2017.

**5. Antrim Conservation District**

Tom Clement, the new District Manager for the Conservation District, appeared at the meeting. Ms. Koch said her office and the Conservation District have been working toward an arrangement that moves the operational management of the recycling program to the District. This would be in line with the District's mission. Other counties in the area have similar arrangements.

Mr. Clement said the District expected to hire a seasonal part time employee who would do the majority of the recycling program management in the busier part of the year.

**Motion by Melissa Zelenak, seconded by Sue Schuler to recommend the Board of Commissioners approve that the County and the Antrim Conservation District enter into an agreement for the management of the County-wide recycling program.**

**Motion carried - unanimous.**

Mr. Clement told the Council that the District had obtained a scrap tire grant which would be tied into the Household Hazardous Waste Days in Elk Rapids and Bellaire. The District facilitates the Household Hazardous Waste Days. There are 3 scheduled for 2017, all on Saturday and all from 9 am to 1 pm; Elk Rapids on May 13, Bellaire on August 5 and in Mancelona on September 23.

Ms. Koch distributed copies of a communication from Ms. Zelenak regarding the sale of compost bins through the Tip of the Mitt Watershed Council and the Emmet County Recycling Program (see attached pgs. 3-5). Mr. Clement said he would look into the idea as a potential future project.

It was mentioned that most schools have volunteer programs for students and that the District already has outreach efforts to the schools. Mr. Clement said he hopes the District can move the Antrim County recycling program to the next level.

**6. American Waste**

It was hoped that a representative from American Waste would appear at the meeting to discuss the varying amount of recycling tonnages in the last year, however no one was available. Ms. Koch said she will work to have someone from American Waste attend the July meeting.

**7. Various Matters**

None.

**8. Public / Member Comment**

Melissa Zelenak said the Michigan State University Extension webinars regarding recycling were worthwhile and of high quality; Ms. Reck agreed.

July 24 was noted as the next meeting date

Meeting adjourned at 4:00 p.m.

DRAFT

**Koch, Janet**

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**From:** Zelenak, Melissa  
**Sent:** Friday, April 21, 2017 6:08 PM  
**To:** Koch, Janet  
**Subject:** Earth Day Sale - Tip of the Mitt Watershed Council

Might be an idea to consider, seeing if we can have a sale like this in Antrim county someday, maybe a joint effort with conservation district.

I'm out of ink, can't print till UPS delivery Tuesday so I can't bring a copy, would you mind sharing this page with the SWRC please.

:) thanks, hope you're feeling better.

M

<https://www.watershedcouncil.org/earth-day-sale.html>

Sent from my iPhone  
Please recycle

Sign up!



- HOME (/)
- ABOUT US (/ABOUT-US.HTML)
- OUR WATERS (/OUR-WATERS.HTML)
- OUR WORK (/OUR-WORK.HTML)
- HOT TOPICS (/HOT-TOPICS.HTML)
- GET INVOLVED (/GET-INVOLVED.HTML)
- NEWS & RESOURCES (/NEWS--RESOURCES.HTML)
- CONTACT US (/CONTACT-US.HTML)

# EARTH DAY SALE

Hosted by Emmet County Recycling and Tip of the Mitt Watershed Council

**Saturday, April 22, 2017**

9:00 AM - 2:00 PM

Emmet County Pleasantview Drop-off Center  
7363 Pleasantview Road, Harbor Springs, MI



### Food Waste Digester

- Use for food waste and pet droppings
- Extremely low maintenance
- No end product to deal with
- Allows those already composting to divert meat and greasy food as well
- Installation requires some assembly and digging a large hole
- The Green Cone Composter converts food waste primarily into water and carbon dioxide.



### Compost Bin

- Use for food waste (except meat and greasy foods) AND yard waste, including leaves
- Requires roughly annual emptying
- The process can produce a valuable soil amendment
- Very easy to install
- 82 gallon capacity



### Rain Barrel

- Capture water naturally from your roof top for use at a later, dryer date
- Rainwater is better for your plants and soil
- Helps reduce runoff pollution
- Assists in controlling moisture levels around the foundation of your home
- Can reduce your water bill
- 55 gallon capacity

SALE PRICE  
**\$89**

Compare to:  
\$180 + shipping

SALE PRICE  
**\$55**

Compare to:  
\$100 + shipping

SALE PRICE  
**\$69**

Sign up!  
Compare to:  
\$99 + shipping

**Pre-order deadline April 12th**  
Pre-ordering is highly encouraged to ensure we have the items you want in-stock when you arrive.



**TO ORDER, CALL**  
(231) 347-1181  
(tel:2313471181)



**Mail or Drop-off Order Form with payment to:**

(/uploads/7/2/5/1/7251350/earth-day-sale-insert-flyer.pdf)  
426 Bay Street  
Petoskey, MI 49770

Download Form

(/uploads/7/2/5/1/7251350/earth-day-sale-insert-flyer.pdf)  
Make checks payable to:  
Tip of the Mitt Watershed Council



Emmet County  
Recycling



*This sale is made possible by a grant from the Petoskey-Harbor Springs Area Community Foundation.*

**OUR ORGANIZATION**  
Contact (/)  
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Staff (/staff.html)  
Employment (/employment-opportunities.html)  
Internships (/internship.html)  
Annual Reports (/annual-reports.html)

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Make a Tribute Gift (http://webink.donorperfect.com/TOMWC\_Tribute)  
Give to our Endowment (https://interland3.donorperfect.net/webink/WebLink.aspx?name=tomwc&id=10)

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Lake Monitoring (/lake-monitoring.html)  
Avian Botulism Monitoring (/avian-botulism-monitoring.html)  
Youth Education/Outreach (/watershed-academy.html)  
Restoration Projects (/restoration.html)Aquevist Network (/aquevist-network.html)

**STAY CONNECTED**  
Phone: 231-347-1181  
Fax: 231-347-5928

(https://www.facebook.com/TipoftheMittWatershedCouncil)



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# Antrim County Solid Waste and Recycling Council

**Minutes  
July 24, 2017**

Members Present: Sue Reck, Heather Butler, Dave Kotwick, Kathy Peterson, Bob Ricksgers, Melissa Zelenak

Members Absent: Mike Domsic, Mike McPherson, Sue Schuler

Others present: Janet Koch, Mark Bevelhymer, Tom Clement, Ed Boettcher

## **1. Call to Order**

The meeting was called to order at 3:00 p.m. by Sue Reck, Chair.

## **2. Public Comment**

None.

## **3. Approval of Minutes**

**Motion by Bob Ricksgers, seconded by Dave Kotwick to approve the minutes from the April 24, 2017 meeting as presented.**

**Motion carried - unanimous.**

## **4. Quarterly Recycling Totals**

The SWRC and Janet Koch, Deputy Administrator, discussed the recycling data for the second quarter of 2017.

## **5. American Waste**

Mark Bevelhymer of American Waste spoke to the SWRC about the County's recycling program and the changes in tonnage amounts (see attached pg. 3). He said in the past two years, manufacturer have reduced packaging volumes and changed the composition of their packaging materials. Both of these changes result in reduced recycling tonnages.

Mr. Bevelhymer said American Waste is working to sell recycled materials in the Midwest. He added that a number of regional paper mills have closed in recent years and that American Waste ships 6 loads of paper a week to Kalamazoo for recycling into boxboard.

The new recycling bin style was discussed. Mr. Bevelhymer said the new bins had been tested in Grand Traverse County and the Antrim County placements had started in February. He said users find the new bins friendlier. Lock bars are now being installed on the top of the bins to replace the bungee cords, which had repeatedly disappeared from the recycling sites. He said an old recycling bin had been placed at the Star Township Hall and that new bins would be delivered to the Bellaire site by mid-August.

## **6. Michigan Recycling Coalition Conference**

Kathy Peterson and Ms. Koch told the SWRC about their experiences at the conference. Ms. Koch said she had attended for one day only, and had worked with other conference attendees to contact legislators about new legislation regarding recycling that should be in front of them in the fall. She distributed a flyer from the Michigan Recycling Coalition that included information about the economic benefits of recycling (see attached pgs. 4-5).

Ms. Peterson mentioned she had learned about vapor intrusion. She also said she had received a lot of information about composting. The SWRC discussed composting as a possible county-wide effort; Mr. Bevelhymer said a high volume was necessary to make it work on a commercial basis. It was the consensus of the SWRC that the County's role regarding composting was more likely to be one of encouraging private composting efforts.

## **7. Various Matters**

Ms. Koch said she had sent a press release regarding the state statutes regarding the ban on burning household waste to the *Antrim Review* and *Elk Rapids News* for publication before the Fourth of July.

### **Antrim Conservation District**

Tom Clement, District Manager, said the Bellaire Household Hazardous Waste (HHW) Day was being held on Saturday, August 5; the Mancelona HHW was scheduled for Saturday, September 23. Mr. Clement said the Elk Rapids HHW Day of May 13 had been successful. He added that the Elk Rapids and Bellaire HHW Days also included scrap tire drop-off, which had been made possible through a grant from the State of Michigan.

The proposed contract between the Conservation District and the County was discussed. The SWRC reviewed Exhibit D of the contract, which concerned the management of the County's recycling program (see attached pg. 6). It was noted that the Conservation District would have more time and abilities to manage the program. Ms. Reck said that, when the recycling program had been initiated, the townships had felt they were doing the County a favor by allowing bins to be placed on township property and that the Memorandums of Understanding had intentionally not been specific about site maintenance.

**Motion by Melissa Zelenak, seconded by Kathy Peterson, to recommend that the Board of Commissioners approve the proposed Exhibit D - Recycling Program Management as part of the contract between Antrim Conservation District and the County.**

**Motion carried – unanimous.**

## **8. Public / Member Comment**

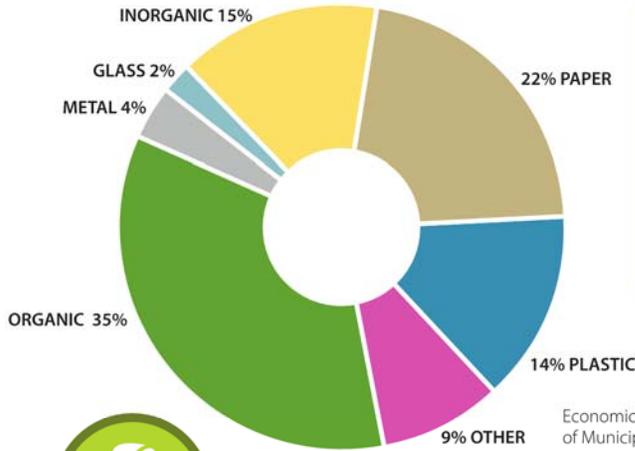
None.

Meeting adjourned at 4:05 p.m.

## Antrim County Recycling Tonnage

2017 Tons by Month		2016 Tons by Month		2015 Tons by Month		2014 Tons by Month	
January	125.66	January	92.77	January	125.29	January	148.25
February	101.68	February	97.19	February	83.08	February	139.25
March	105.91	March	98.31	March	93.44	March	130.29
April	114.85	April	114.08	April	86.36	April	133.41
May	158.34	May	142.98	May	214.85	May	175.55
June	169.63	June	141.88	June	255.26	June	211.61
<i>776.1 tons Year To Date</i>		<i>687.2 tons YTD</i>		<i>858.3 tons YTD</i>		<i>938.4 tons YTD</i>	
July		July	169.55	July	290.96	July	251.6
August		August	161.94	August	264.97	August	218.54
September		September	127.69	September	219.05	September	190.45
October		October	144.13	October	232.86	October	171.78
November		November	136.25	November	161.47	November	148.7
December		December	172.87	December	131.56	December	178.14
<b>YTD 2017 tons</b>	<b>776.07</b>	<b>Total 2016 tons</b>	<b>1599.63</b>	<b>Total 2015 tons</b>	<b>2159.15</b>	<b>Total 2014 tons</b>	<b>2097.57</b>
<i>YTD increase from 2016</i>		<i>YTD decrease from 2015</i>		<i>YTD decrease from 2014</i>			
<b>12.93%</b>		<b>-19.93%</b>		<b>-8.53%</b>			
<i>YTD decrease from 2014</i>							
<b>-17.30%</b>							

**MICHIGAN MUNICIPAL SOLID WASTE COMPOSITION (mean% by weight)**



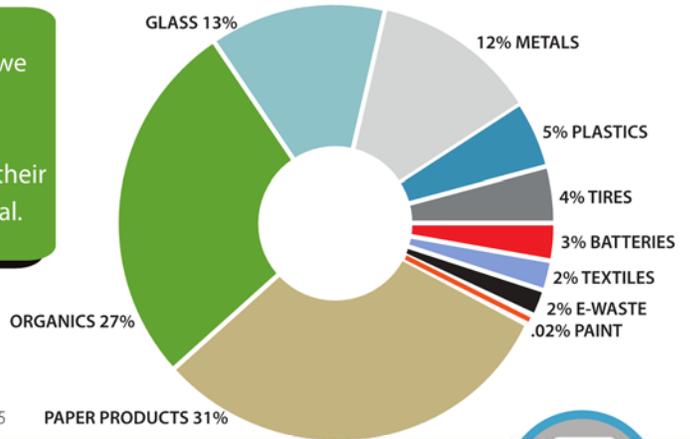
Economic Impact Potential and Characterization of Municipal Solid Waste in Michigan 2016

Michigan's move from open dumps to modern landfills forty years ago represented an important shift in environmental protection and remains the foundation of Michigan solid waste policy today. That policy, however, requires counties to assure adequate disposal capacity for waste, with little regard for the value of the materials being discarded.



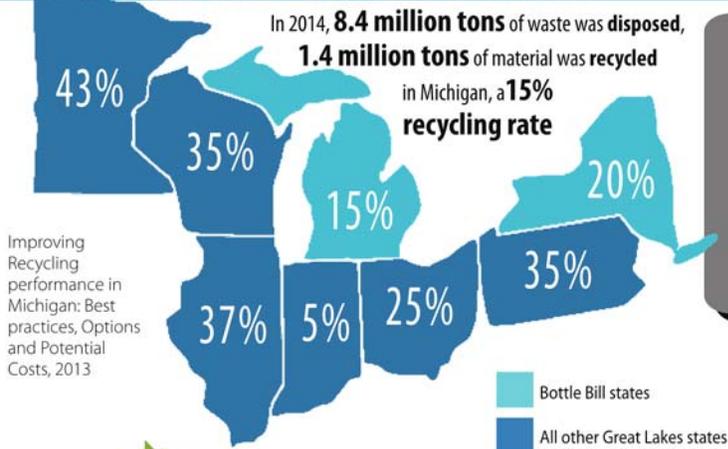
Forty years later, we know more about the materials we pay to throw away. When diverted from disposal – collected, processed, and sold as commodities to manufacturers – those commodities have value and their repurposing reduces costs and the impacts of disposal.

**COMPOSITION OF CURRENT RECYCLING STREAM**



Measuring Recycling in the State of Michigan, May 2015

**RECYCLING RATES FOR GREAT LAKES STATES**



Michigan lags behind most Great Lakes states in recycling. We must create an environment where Michigan businesses, industries, and residents can accomplish their own sustainability goals and contribute to a financially and environmentally sustainable future, creating resilient communities across the state.



The deliberations of the appointed members of the **Governor's Recycling Council (GRC)** and Department of Environmental Quality led **Solid Waste and Sustainability Advisory Panel (SWSAP)** have culminated in the development of two separate but complementary reports and sets of recommendations.



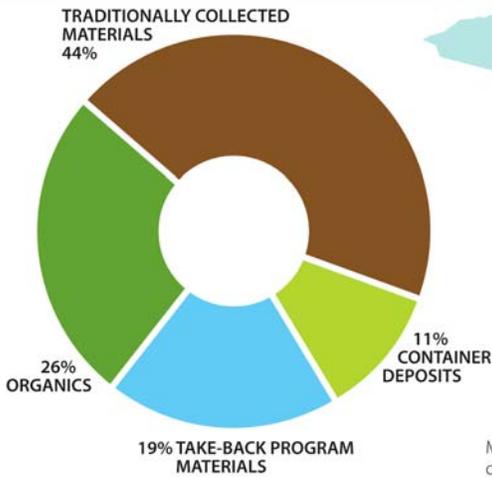
SWSAP Report



GRC Report

These separate stakeholder advisory groups have been recently joined together and make up the Solid Waste and Recycling Advisors. Their collective charge is to guide the state's solid waste, sustainability, and recycling goals especially as it relates to the development of legislative language.

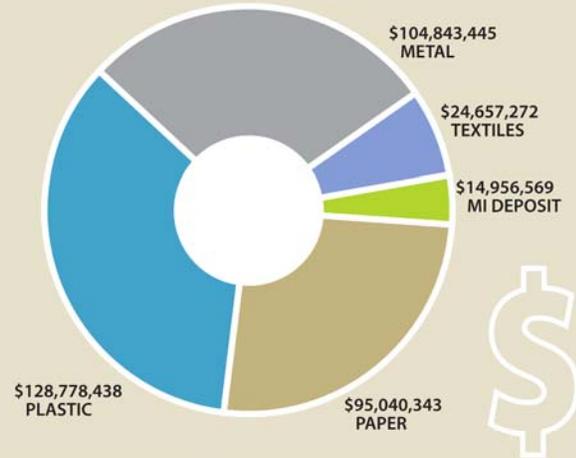
## MATERIAL RECYCLED BY CATEGORY IN 2013



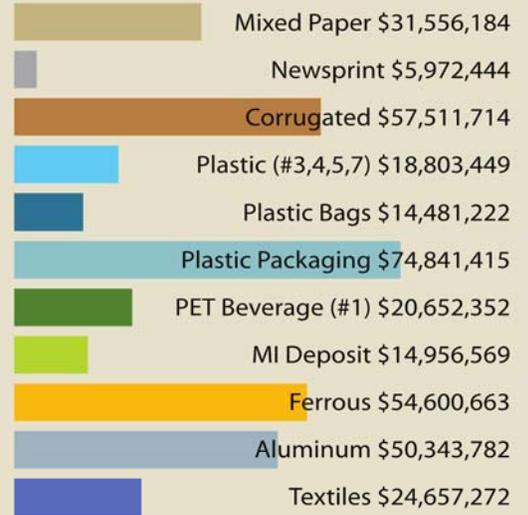
Measuring Recycling in the State of Michigan, May 2015

More than **1/2** of Michigan's **15%** recycling rate is the **direct result of state policy**

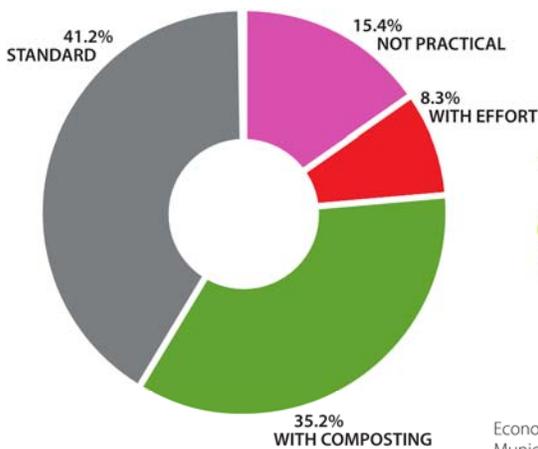
## POTENTIAL VALUE OF MI MSW MATERIAL DISCARDED



## POTENTIAL VALUE OF MI MSW COMMODITIES DISCARDED



## MICHIGAN MSW MATERIAL BY EASE OF RECYCLING



Economic Impact Potential and Characterization of Municipal Solid Waste in Michigan 2016

More than **70%** of our waste stream is **READILY RECYCLABLE**

## EMPLOYMENT AND TOTAL FINANCIAL EFFECT OF INCREASED RECYCLING

Potential Value of Reclaimed Materials	Jobs Multiplier	Jobs Created	Total Effect Multiplier	Total Economic Impact
\$368,276,066	7.11	2,619	1.08	\$398,732,497

Economic Impact Potential and Characterization of Municipal Solid Waste in Michigan 2016

*"The resources and services provided by our ecosystem are indispensable to economic activity. Consequently, economic activity that serves to extend the productive life of natural resources and minimize the waste byproducts of the economy's productive activity must be a cardinal element of any lasting economic system. Recycling represents one of those unique opportunities in which both public and private investment can cooperatively promote robust and sustainable economic activity while concurrently supporting environmental protection."*

Mike Csapo, General Manager, RRRASOC

By meeting the Governor's recycling goals and capturing material that's otherwise discarded, Michigan would experience a positive economic impact of **\$400 million** annually.

2011 State of Recycling in Michigan

In Michigan, there are an estimated **2,242** establishments in the recycling and reuse industry with receipts of **\$11.6 billion**, a payroll of about **\$2.06 billion**, and employment of **61,700**.



PO Box 10070  
Lansing, MI 48901  
(517) 974-3672  
#RecycleMI



The Michigan Recycling Coalition fosters sustainability by leading, educating and mobilizing business, government, nonprofits, and individuals to advance their own and collective resource recovery initiatives in Michigan. [michiganrecycles.org](http://michiganrecycles.org)



July 24, 2017

**Exhibit D  
Recycling Program Management**

The Antrim County Recycling Program was first implemented in October 2009 as a network of eight (8) recycling drop-off sites, which was reduced in early 2016 to seven (7) sites. The Recycling Program was funded by the County through the general fund, however, in August 2016, the voters of Antrim County approved a four-year millage of up to 0.25 mill, to be first levied in 2017, for the purpose of funding the County-wide recycling program.

To provide for the maintenance of the drop-off stations and additional services, the County and the Antrim Conservation District (ACD) agree to perform the following:

**Duties and Responsibilities of the County**

1. Provide up-to-date information regarding the Recycling Program on the County's website, which will include the acknowledgement that the ACD is responsible for managing the Recycling Program.
2. Processing and payment of the Recycling Program invoices.
3. Data provided to the County by the recycling contractor regarding tonnage and pulls will be supplied to ACD in a timely manner.

**Duties and Responsibilities of the ACD**

1. Monitoring of each recycling drop-off site to check on cleanliness around the recycling bins as well as the status of how much material capacity remains in each bin. Such monitoring shall be performed at least once weekly October through April and twice weekly May through September. Information regarding bins that are at (or nearing) capacity shall be communicated in a timely manner to the recycling contractor.
2. Snow and ice removal shall be provided as necessary by the ACD to increase the safety of site users.
3. Preparation of a hard-copy Recycling Guide; a digital copy shall be made available on the ACD's website.
4. Provide up-to-date information regarding the Recycling Program on the ACD's website.
5. Preparation and delivery of media releases regarding Antrim County's Recycling Drop-off Program a minimum of 3 times a year to the *Antrim Review*, *Elk Rapids New*, and *Traverse City Record-Eagle*.
6. Provide information assistance and education on the Recycling Program to interested parties through a variety of communication methods.
7. Coordination with the County Administration Office as necessary.
8. Attendance at Antrim County Solid Waste & Recycling Council meetings, during which an update of the Recycling Program will be provided.

# Antrim County Solid Waste and Recycling Council

**Minutes  
November 13, 2017**

Members Present: Heather Butler, David Kotwick, Kathy Peterson, Sue Reck, Robert Ricksgers, Susan Schuler, Melissa Zelenak

Members Absent: Mike McPherson

Others present: Pete Garwood, Mathew Cooke, Tom Clement, Megan Chase

## **1. Call to Order**

The meeting was called to order at 3:00 p.m. by Sue Reck, Chair

## **2. Public Comment**

None

## **3. Approval of Minutes**

**Motion by Robert Ricksgers, seconded by David Kotwick to approve the minutes from the July 24, 2017 meeting as presented.**

**Motion Carries- Unanimous**

## **4. Antrim Conservation District (ACD)**

The Board of Commissioners approved the finalized Recycling Program Management contract with ACD in October 2017. As part of the contract that was approved by the Board, ACD will now be taking over the management of the Recycling Program. The new contract goes into effect on January 1, 2018. The Council would like copies of the final version of "Exhibit D" of the contract between the County and the Conservation District. Tom Clement, Antrim Conservation District Manager, is looking into the addition of fishing line and packing peanut recycling to the Antrim County program.

## **5. Quarterly Recycling Totals**

Pete Garwood, County Administrator, stated that the recycling Year-to-Date percentages are based off the first half of the year as opposed to the entire year. Chairwoman Reck noted that, per American Waste, tonnage numbers were reduced due to the reduction in material used for packaging by manufacturers. Commission members noted that residents seem happier with new bins, especially in terms of appearance and there being less spill when bins are empty.

## **6. Various Matters**

There are three terms up at the end of the year. David Kotwick has reapplied but Susan Schuler and Sue Reck are not reapplying. The Council thanked Ms. Reck and Ms. Schuler for their excellent service to the community.

## **7. Public / Member Comment**

None.

Meeting adjourned at 3:00 p.m. by Sue Reck, Chair.