



Manistee County Board of Commissioners

Manistee County Courthouse • 415 Third Street • Manistee, Michigan 49660

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MANISTEE COUNTY GREEN TEAM/RECYCLING COMMITTEE

Thursday, June 28, 2018
9:30 A.M.

Manistee County Courthouse & Government Center
Board of Commissioners Meeting Room

AGENDA

- 1) Call to Order
- 2) Public Comment
- 3) Sarah Archer - P.A. 69 Recycling Update
 - Recycling Program Report (APPENDIX A)
 - Monthly Volume Data Report (APPENDIX B)
 - Governor Snyder's Recycling Funding Initiative Resolution (APPENDIX C)
 - Solid Waste Laws Revision (APPENDIX D)
- 4) Other Items From Committee Members
- 5) Adjournment

APPENDIX A

**Manistee County Green Team
Recycling Program Report – June 28, 2018
Sarah Archer, Iris Waste Diversion Specialists, Inc.**

The following is a summary of Recycling Program activity since May 24, 2018

Meeting Attendance

- Green Team – May 24, 2018
- Household Hazardous Waste Committee – June 7, 2018 – Ludington
- Networks Northwest Solid Waste Advisory Committee – June 15, 2018 – Traverse City
- Manistee Chapter Michigan Townships Association – June 27, 2018 – Pleasanton Township

Current Volume Report

Total weight (pounds) of materials collected from 5 recycling drop-off sites.

January	48,242	April	27,763	July		October	
February	31,401	May	41,180	August		November	
March	27,900	June		September		December	
Total To-Date							175,586

- There was a 48% increase in Volume for April from the same period in 2017.
- Program costs through April are \$1,359.22 higher than the same period in 2017.

Education

- Monthly e-newsletter sent
- All message boards were refreshed with new recycling guidelines flier, household hazardous waste flier and sponsor recognition
- Scrap Tire event press release issued and published in Manistee News Advocate
- Scrap Tire flier included in Summer tax bill
- Networks Northwest SWAC Summer burning press release issued and published in Manistee News Advocate

Operations

- Set up of new PA69 recycling site in Copemish was completed on May 24. Recycling guidelines fliers were provided to Cleon Township and Village of Copemish for distribution at Clean Up day.
- Two incidents of illegal dumping occurred at the Springdale Township site by an unidentified party.
- Contact information for the Cadillac DNR officer was provided by the DEQ Recycling Specialist as a resource for illegal dumping and potential to issue citations.

Regional Resource Recovery (3R) Project

- AES was granted approval by the 3R Project grant administrator to expend remaining grant funds for facilitating a collaborative, multi-material "super drop-off" recycling day.
- A meeting of the Project Team will be held on Thursday, June 28 to begin planning and determine ability of Project Team to assist with coordinating the "super drop-off" event day.

Other

- At the May meeting, Archer recommended the County adopt a Resolution in support of Governor Snyder's Recycling Funding Initiative. The funding for resource recovery would be secured by raising landfill surcharge from \$0.36 to \$4.44 per ton. Revenue generated through the surcharge would pay for much needed county solid waste planning, local government program implementation and enhancement of programs to put waste to more productive uses through recycling and composting. A draft resolution is attached, along with MDEQ Solid Waste Laws revision documents.

JANUARY	LBS	% Change from Previous Month
Arcadia Twp	8,820.0	76%
Brown Twp	6,297.0	64%
Maple Grove Twp	7,434.0	56%
Onekama Twp	15,705.0	75%
Springdale Twp	4,685.0	76%
Unassigned Extra Service	5,301	-44%
JANUARY TOTALS	48,242	39%

FEBRUARY	LBS	% Change from Previous Month
Arcadia Twp	6,639.0	-25%
Brown Twp	4,466.0	-29%
Cleon Twp	N/A	N/A
Maple Grove Twp	6,163.0	-17%
Onekama Twp	10,869.0	-31%
Springdale Twp	3,264.0	-30%
FEBRUARY TOTALS	31,401.0	-35%

MARCH	LBS	% Change from Previous Month
Arcadia Twp	5,712.0	-14%
Brown Twp	3,823.0	-14%
Cleon Twp	N/A	N/A
Maple Grove Twp	5,586.0	-9%
Onekama Twp	9,735.0	-10%
Springdale Twp	3,045.0	-7%
MARCH TOTALS	27,900.0	-11%

APRIL	LBS	% Change from Previous Month
Arcadia Twp	6,535.0	14%
Brown Twp	3,391.0	-11%
Maple Grove Twp	5,561.0	0%
Onekama Twp	9,305.0	-4%
Springdale Twp	2,688.0	-12%
Unassigned Extra Service	283.0	N/A
APRIL TOTALS	27,763.0	0%

MAY	LBS	% Change from Previous Month
Arcadia Twp	12,484.0	91%
Brown Twp	4,536.0	34%
Cleon Twp	0.0	N/A
Maple Grove Twp	6,737.0	21%
Onekama Twp	13,838.0	49%
Springdale Twp	3,585.0	33%
MAY TOTALS	41,180.0	48%

JUNE	LBS	% Change from Previous Month
Arcadia Twp		
Brown Twp		
Cleon Twp		
Maple Grove Twp		
Onekama Twp		
Springdale Twp		
JUNE TOTALS		

JULY	LBS	% Change from Previous Month
Arcadia Twp		
Brown Twp		
Cleon Twp		
Maple Grove Twp		
Onekama Twp		
Springdale Twp		
JULY TOTAL		

AUGUST	LBS	% Change from Previous Month
Arcadia Twp		
Brown Twp		
Cleon Twp		
Maple Grove Twp		
Onekama Twp		
Springdale Twp		
AUGUST TOTAL		

SEPTEMBER	LBS	% Change from Previous Month
Arcadia Twp		
Brown Twp		
Cleon Twp		
Maple Grove Twp		
Onekama Twp		
Springdale Twp		
SEPTEMBER TOTAL		

OCTOBER	LBS	% Change from Previous Month
Arcadia Twp		
Brown Twp		
Cleon Twp		
Maple Grove Twp		
Onekama Twp		
Springdale Twp		
OCTOBER TOTAL		

NOVEMBER	LBS	% Change from Previous Month
Arcadia Twp		
Brown Twp		
Cleon Twp		
Maple Grove Twp		
Onekama Twp		
Springdale Twp		
NOVEMBER TOTAL		

DECEMBER	LBS	% Change from Previous Month
Arcadia Twp		
Brown Twp		
Cleon Twp		
Maple Grove Twp		
Onekama Twp		
Springdale Twp		
DECEMBER TOTAL		

YEAR TO DATE (In lbs.)	176,486.0
YEAR TO DATE (tons)	88.2

Year to date comparison by site

Totals in pounds	May-17	May-18
Arcadia Twp	11,074.0	12,484.0
Brown Twp	5,295.0	4,536.0
Maple Grove Twp	8,130.0	0.0
Onekama Twp	12,376.0	6,737.0
Springdale Twp	4,505.0	13,838.0
Unassigned Extra Service	N/A	N/A
Totals in pounds	41,380	41,180

Totals in tons	May-17	May-18
Arcadia Twp	5.5	6.2
Brown Twp	2.6	2.3
Maple Grove Twp	4.1	0.0
Onekama Twp	6.2	3.4
Springdale Twp	2.3	6.9
Unassigned Extra Service	N/A	N/A
Totals in Tons	20.69	18.80

**Manistee County Resolution of Support
for
Governor Snyder's Recycling Funding Initiative**

Whereas, Governor Rick Snyder has proposed to increase Michigan's solid waste tip fee from \$0.36 per ton up to \$4.44 per ton to provide \$24 million a year for recycling and solid waste management programs including,

- grants to local entities aimed at tripling Michigan's recycling rate. The grants would cover
 - recycling infrastructure
 - development of markets for recyclable materials, and
 - education to help residents use recycling systems effectively.
- Solid waste management planning

Whereas, Michigan's solid waste tip fee is the lowest in the Midwest at \$0.36 per ton (2,000 pounds). With neighboring states' rates as follows,

Wisconsin's	\$13.00 per ton
Pennsylvania's	\$6.25 per ton
Ohio's	\$4.75 per ton
Indiana's	\$0.60 per ton
Average	\$5.50 per ton;

Whereas, Michigan's extremely low solid waste tip fee make Michigan a dumping ground for garbage from other states and from Canada. At present, 25.5% of trash buried in Michigan landfills is imported, meaning more money will come back to counties than will be paid out in tip fees;

Whereas, the increased fee would cost households only about \$4.44 per household per year, but will find increased opportunities for residents and businesses to save money by recycling more;

Whereas, Michigan's recycling rate is one of the lowest in the nation at 15% and over \$368 million of valuable, recyclable materials are buried in Michigan landfills each year;

Whereas, to derive the maximum economic benefit from the recycling of these materials, active development of more markets for recyclables in Michigan is needed;

Whereas, Manistee County recycles less than 10% of its residential waste stream and could benefit from state grants, including funding for:

- Improved recycling infrastructure and services
- Public education

Whereas, Manistee County would receive funding to facilitate the update of our Solid Waste Management Plan, as part of a new planning cycle, fully funded by the state, to set new goals for the next twenty years. Manistee County's last Solid Waste Plan was updated and approved in 2003 and is due for an update. These new plans will be designated as Sustainable Materials Management Plans, reflecting the shift in priorities to reduce landfilling of resources.

Accordingly, it is hereby resolved that the County of Manistee supports the Governor's proposal to increase the state's solid waste tip fee for the sole purpose of funding recycling and sustainable materials management planning.

Adopted by the Count of Manistee on this day, _____

Signed:

Chairman of the Manistee County Board of Commissioners

Certification

STATE OF MICHIGAN)

COUNTY OF MANISTEE)

I, _____, Clerk of the County of Manistee, Michigan, do hereby certify that the above resolution was duly adopted by the Manistee County Board of Commissioners on the ____ day of _____, 2018

In TESTIMONY WHEREOF, I hereunto set my hand and affix the Seal of the County of Manistee, Michigan this ____ of _____, 2018.

County Clerk



MICHIGAN Recycling Initiative

Solid Waste Laws Revision

WHAT – Landmark legislation is needed to refocus Michigan’s solid waste law on identifying and prioritizing the highest and best use of materials, before being dumped in a landfill.

WHY – In Michigan, we only recycle 15 percent of waste material, which is less than half the national average. At the same time, over 25 percent of our trash comes from other states and Canada. To improve how we recycle and plan for our waste materials, Michigan’s solid waste law must change. The solid waste law is the foundation for planning, development, and oversight of how waste materials are managed, and its current focus is on disposal. Its new focus will be on:

- Ensuring residents have convenient access to recycling services in their homes, businesses, places of work, and in all State of Michigan facilities. Wherever there is a garbage can, there also should be a recycling bin.
- Local planning for the siting and development of facilities for recovering waste materials, composting, and processing recycled material.
- Improvements to licensing provisions of landfills and better DEQ oversight of all material management facilities to minimize risks to people and the environment.

WHO – The DEQ is coordinating the development of the legislation with a broad-based team of stakeholders including representatives of local governments, business and industry, environmental and recycling organizations, consultants, and academia are working together on a bill that will create a culture that promotes the environmental, social, and economic benefits of managing materials more sustainably.

WHEN – Legislation will be introduced in Spring 2018. If enacted, the new law will trigger the development of new materials management plans by all 83 counties in 2020, with the first new plans approved by 2023.

The materials management legislation is one part of the statewide initiative to triple Michigan’s recycling rate. This comprehensive initiative also includes developing an education and engagement campaign; developing markets for recycled materials; leading by example through state government’s promotion and provision of recycling opportunities at State of Michigan facilities, parks, and rest areas; and securing stable, long-term public and private funding for the effort.

For more information about this initiative, visit www.michigan.gov/swra.



D-2



Solid Waste Laws Revision

Landmark legislation is being pursued to refocus Michigan's solid waste law on identifying and prioritizing the highest and best use of a material, rather than it going to a landfill.

MICHIGAN Recycling Initiative

In Michigan, we only recycle 15 percent of the material thrown away, which is less than half of the national average. At the same time, Michigan has so much landfill capacity that landfill disposal costs are the lowest in the region, which results in over 25 percent of our trash coming from other states and Canada. **To improve how we recycle and plan for our managed materials, Michigan's solid waste law must change.** The solid waste law is the foundation for planning, development, and oversight of how materials are managed, and its current focus is on disposal. Its new focus will be on:

- Ensuring citizens have convenient access to recycling services in their homes, businesses, places of work, and in all State of Michigan (State) facilities. Wherever there is a garbage can, there should also be a recycling bin.
- Local planning focused on the siting and development of facilities for recovering waste materials, composting, and processing recycled materials.
- Improvements to requirements for landfills and better DEQ oversight of all materials management facilities to minimize risks to people and the environment and to ensure a level playing field for the companies investing in doing it well.

The DEQ is coordinating the development of the legislation with one of the most broad-based teams of stakeholders ever to coalesce around reshaping a major environmental program. Representatives of local governments, business and industry, environmental and recycling organizations, consultants, and academia are working together on statutory revisions that will create a culture that promotes the environmental, social, and economic benefits of managing materials more sustainably.

The goal is to have legislation introduced in Spring 2018. Once enacted, the new law will trigger the development of new materials management plans by all 83 counties in 2020, with the first new plans approved by 2023. With the accompanying enactment of the solid waste surcharge, grants will be available to fund planning activities.

The solid waste and materials management legislation is one part of the statewide initiative to triple Michigan's recycling rate. This comprehensive initiative also includes developing an education and engagement campaign; developing markets for recycled materials; lead by example through state government's promotion and provision of recycling opportunities at State facilities, parks, and rest areas; and securing stable, long-term public and private funding for the effort.

Materials Management (and Recycling) Planning

To increase recycling, the highly successful, county solid waste management planning process needs to focus on ensuring the development of capacity to collect and utilize materials, rather than to dispose of them in a landfill.

Key provisions for the renamed materials management plans include:

- Add the siting and development of materials utilization facilities (compost, recycled materials processing, etc.) to the planning process.
- Enhance the importance of local zoning for siting and developing materials utilization facilities, to ensure communities are empowered to do what works best for them to achieve their goals.
- Require counties to meet benchmark recycling standards and include measurable materials utilization goals.
- Incorporate ways to increase recycling access and participation.
- Specify local funding mechanisms that can be used to support recycling.
- Enable the municipalities and counties to require haulers to provide recycling services.
- Eliminate restrictions on the flow of waste materials among the counties.

Materials Management Facility Oversight

As this industry grows, we need to increase oversight of facilities that manage recycled materials to minimize potential environmental impacts and nuisances, and provide more regulatory certainty and a level playing field.

Certain provisions need to improve for traditional disposal areas as well. Key provisions include:

- Add location, design, and operating provisions for materials utilization facilities such as composters, recycling facilities, and anaerobic digesters.
- Permit and inspect materials utilization facilities.
- Add provisions to reduce or extend long-term care provisions for closed landfills, based on site-specific demonstrations of functional stability.
- Eliminate the need for a separate authorization to process wastes at landfills and transfer facilities.

Financial Assurance

We need to improve the financial assurance used by facility owners and operators to reduce the risk that taxpayers may have to close and maintain a site if the owner or operator fails to do so. Key provisions include:

- Adjust the cost estimates to more realistic amounts.
- Require financial assurance from materials utilization facilities.
- Allows the use of the State's perpetual care account for any permitted materials management facility.

Facility Fees

We need to update and expand application fees. Key provisions include:

- Increase disposal area construction permit application fees that were unchanged since 1996.
- Increase disposal area operating license application fees, which remain unchanged since 1996.
- Increase the extension of the operating license term from 2 to 5 years.
- Align materials utilization facility registration and general permit fees with solid waste processing and transfer facility fees.

- Direct fee revenue to the State perpetual care account that is available to the State for addressing issues at regulated facilities where the owner will not or cannot act on their own.



MICHIGAN
Recycling Initiative

The DEQ's administration of Part 115 of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, is currently supported with \$6 million from a 12 cent per cubic yard surcharge on waste disposed in solid waste landfills.

Grants

Implementation of the new Part 115 provisions would be supported with grants and/or loans to local governments, businesses, and academia. Key provisions include:

- Grants to local communities for planning, recycling education and engagement, and local recycling programs.
- Grants to industry and academia to promote innovation and use of recycled materials commodities in manufacturing, and to promote business-to-business connections for the exchange of recycled materials commodities.
- Technical and compliance assistance for materials management and planning across the state.

Funding Source

Senate Bill 943, introduced by Senator Mike Nofs, R-Battle Creek, assists in supporting Governor Rick Snyder's Renewing Michigan's Environment proposal by increasing the current fee of \$0.36 per ton to \$4.44 per ton on the disposal of solid waste. **Michigan currently has the lowest tipping fee in the Great Lakes region.** This proposal would generate \$74 million annually to support initiatives to keep Michigan's environment clean and safe. More specifically, it would provide funding for the following:

- Recycling grants to help triple Michigan's recycling rate:
 - Recycling infrastructure grants;
 - Market development grants; and
 - Education grants.
- Comprehensive materials management:
 - Enhance managed materials planning for local governments; and
 - Increase asbestos removal oversight for blighted communities.

In addition, funding would also provide for water quality monitoring initiatives, as well as remediation and redevelopment of existing and future contaminated sites.

94 percent of the proposed increase would be provided directly to local communities in the form of grants or contracted services.

For the average household, it is expected that the average cost will be \$4.44 per year.

“Michiganders deserve a smart and safe plan to ensure the protection of our environment and public health – today, tomorrow, and for generations to come. This proposal implements a comprehensive approach to cleaning up contaminated sites while addressing best practices for managing waste and recycling efforts, taking us another step forward in our work to build a stronger environmental foundation for Michigan’s future.”

Governor Rick Snyder

Regional Solid Waste Surcharges

