

**CLINTON COUNTY SOLID WASTE COUNCIL MEETING**  
**JOIN VIA TELEPHONIC CONFERENCE: Dial 1-253-215-8782 ~**  
**MEETING ID: 991 177 466 OR**  
**VIDEO CONFERENCE: [HTTPS://US02WEB.ZOOM.US/J/991177466](https://us02web.zoom.us/j/991177466)**  
**PURSUANT TO PA 228 of 2020, DUE TO COVID-19 PANDEMIC**  
**5:30 P.M.**  
**TUESDAY, DECEMBER 8, 2020**

1. Call Meeting to Order
2. Approval of Agenda
3. Approval of minutes: September 8, 2020 – Attachment 1
4. Approval of Per Diem Vouchers
5. Public Comments
6. Activity Report Review – Attachment 2
  1. Lions Club Drop Off Recycling Site Quarterly Report – Appendix A
7. Other Business
  1. History of the Clean Community Events June 2004 – September 2020 – Appendix B
  2. Special Event Participation by Zip Code - Appendix C
  3. 2021 Meeting Dates
8. Adjournment

TO REQUEST ACCOMMODATIONS OR MATERIALS IN AN ALTERNATIVE FORMAT, PLEASE CONTACT RANDY AVERY AT 989.224.5121 OR TDD USERS WITHIN CLINTON COUNTY MAY DIAL 9-1-1 FOR GENERAL COUNTY SERVICES OR USE MICHIGAN RELAY 1.800.649.3777 OR THE NATIONAL RELAY NUMBER OF 7-1-1 NO LATER THAN 48 HOURS PRIOR TO THE MEETING.

If you wish to provide input or ask questions on any business that will come before the public body at the meeting, please call (989) 224-5186.

## ATTACHMENT 1

### VIA TELEPHONIC CONFERENCE PER STATE EXECUTIVE ORDER NO. 2020-15 CONCERNING OMA & COVID-19

#### MINUTES OF THE MEETING OF THE CLINTON COUNTY SOLID WASTE COUNCIL (SWC) HELD TUESDAY, September 8, 2020 AT 5:30 P.M. VIA TELEPHONIC CONFERENCE.

**MEMBERS PRESENT:** Bruce DeLong, John Maahs, David Seeger, Mark Simon and Charity Little

**MEMBERS ABSENT:**

**STAFF:** Kate Neese, Waste Management Coordinator; Nicole King Assistant and Education Coordinator; Lisa Longoria, Secretary

**GUESTS:** No guest in attendance

#### 1. CALL MEETING TO ORDER

Bruce DeLong called the meeting to order at 5:31 p.m.

#### 2. APPROVAL OF AGENDA

Chairperson DeLong asked for any additions/deletions to the agenda. *A motion was made by Member David Seeger supported by Member Mark Simon to approve the agenda. Five ayes, zero nays. Motion Carried*

#### 3. APPROVAL OF MINUTES: June 9, 2020 – ATTACHMENT 1

Chairman DeLong asked for input on the minutes from the June 9, 2020 meeting. *A motion was made by Member John Maahs, supported by Member Charity Little to approve the minutes from the Solid Waste Council meetings of June 9, 2020. Five ayes, zero nays. Motion carried.*

#### 4. APPROVAL OF PER DIEM VOUCHERS

*A motion was made by Member Mark Simon, supported by Member John Maahs to approve the per diem vouchers as submitted. Five ayes, zero nays. Motion carried.*

#### 5. PUBLIC COMMENTS

No public comment at this meeting.

#### 6. ACTIVITY REPORT REVIEW

**Lion's Club Recycling Update – Attachment A**

**2021 Budget Update – Attachment B**

The 2021 budget recommended by the DWM was reviewed and edited by Administration. A summary will be made available on the county's website. Commissioners typically adopt the next fiscal year budget in October.

## Clinton County Recycling Options Annual Report – Attachment C

### Collection Programs & Special Events

The October 3<sup>rd</sup> Free For Fall event was cancelled due to State and CDC guidelines. Ms. Neese used social media, the department's website and a direct mailing to the Dewitt zip code to get word out about the cancellation. At this time, we will not be rescheduling the Free For Fall event due to health and safety concerns. The DWM is actively promoting and encouraging residents to use our Waste Wizard search tool for recycling and disposal options.

The DWM promoted the following collection programs:

Regional Ewaste Collection – Saturday, September 26<sup>th</sup> from 9:00am to 2:00pm at the Chippewa Middle School located at 4000 Okemos Road in Okemos. This event is open to all area residents and there is a \$20 suggested donation for all TV's and computer monitors. More information, and prepayment, can be found at [www.meridian.mi.us/recycle](http://www.meridian.mi.us/recycle)

Ingham County Environmental Health Department's Household Hazardous Waste Collection – open to all area residents on Tuesdays and Thursdays from 2:00pm to 6:00pm through the end of September. For more information, please call (517) 887-4312.

### Rural Recycling Sites & Advisory Council

A copy of the annual report was shared with Council members through email and a paper copy was mailed to all municipalities. Prices paid for recyclables have begun to decrease which means an increase in net service costs. After annual community cost share contributions totaling \$20,595, staff estimates the county would need to contribute approximately \$49,000 for 2020. Commissioners will get to review the 2021 Rural Recycling Service Plan in October as part of the annual budget process. Community cost share calculations will remain at \$15 per household in the four jurisdictions participating.

### Education Report

Ms. King has been working on putting together programs for the upcoming school year. She has put together a wide variety of options for teachers to choose from. The programs are adaptable to any classroom situation from presenting a program via zoom, requesting an education kit and programs that can be done outside on school grounds.

Ms. King has also made a monthly newsletter for the residents of the county.

### 7. Other Business

Single day medication collection events started back in 2009. Since then several medication bins have been brought into Clinton County. DWN Neese asked the SWC what their opinion was in regards to continuing to host single day collection events now that we have several medication collection bins throughout the County. The SWC agreed that it would be more beneficial for the DWM to spend their time promoting collection bins and educating residents on what is accepted in the collection bins.

### 8. ADJOURNMENT

Bruce DeLong asked if there was any other business. There being no further business, ***the meeting was adjourned @ 6:01 pm. Motion carried.***

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Bruce DeLong, Chairman

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Kate Neese, Waste Management Coordinator

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Lisa Longoria, Recording Secretary

## ATTACHMENT 2

### Clinton County Department of Waste Management Fourth Quarter Activity Report December 8, 2020

This report is prepared by Kate Neese, Clinton County Waste Management Coordinator, to update the Clinton County Solid Waste Council (SWC) and stakeholders on activities of the Department of Waste Management (DWM). It highlights activity conducted in the fourth quarter of this year and is intended to facilitate discussion when the SWC meets on Tuesday, December 8, 2020. The meeting will be held at 5:30 PM VIA TELEPHONIC CONFERENCE PURSUANT TO PA 228 of 2020, DUE TO COVID-19 PANDEMIC. If you wish to provide input or ask questions on any business that will come before the public body at the meeting, please call (989) 224-5186.

#### Administration

#### **Budget**

The 2021 Recommended Budget was adopted in October and can be found using the link below:

<https://www.clinton-county.org/Archive.aspx?AMID=38>

#### Collection Programs & Special Events

#### **Free for Fall Event**

Due to COVID 19 restrictions, this year's event was cancelled. Table 2 below is historical information from previous events.

	9/14/19	4/25/19	9/15/2018	4/21/2018	9/30/17	4/22/2017
Hazardous Waste	\$ 7,966	\$ 12,735	\$ 11,419	\$ 21,468	\$ 11,030	\$ 20,047
Junk	\$ 386	\$ 7,936	\$ 386	\$ 7,119	\$ 375	\$ 6,030
Electronic Waste	\$ 1,176	\$ 2,920	\$ 1,157	\$ 4,444	\$ 1,417	\$ 3,741
Equipment Rental	\$ -	\$ 5,343	\$ -	\$ 5,634	\$ -	\$ 5,878
Wages	\$ 832	\$ 1,105	\$ 1,540	\$ 1,846	\$ 1,544	\$ 2,872
Miscellaneous Expenses	\$ 3,210	\$ 5,968	\$ 1,353	\$ 8,723	\$ 1,465	\$ 6,354
Tires	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Oil & Antifreeze	\$ 747	\$ 2,556	\$ 250	\$ 250	\$ 250	\$ 250
Freon Appliances	\$ -	\$ 700	\$ -	\$ 450	\$ -	\$ 950
<b>Total</b>	<b>\$ 14,318</b>	<b>\$ 39,263</b>	<b>\$ 16,105</b>	<b>\$ 49,934</b>	<b>\$ 16,081</b>	<b>\$ 46,122</b>

<b>Table 3. Clean Community Event 2017 through 2019 Collection Data (pounds)</b>						
	9/14/19	4/25/19	9/15/2018	4/21/2018	9/30/2017	4/22/2017
# of Households	250	608	210	550	268	550
Hazardous Waste	14,456	21,326	15,113	28,580	17,082	33,475
Motor Oil & Anti-freeze	3,220	14,200	6,424	10,949	6,696	11,305
Medications	266	492	208	391	644	704
Electronic Waste	9,479	31,342	9,276	43,403	12,722	34,825
Scrap Metal	-	22,460	-	18,680	-	29,740
Books	2,930	3,690	1,650	3,440	1,850	2,700
Tires	-	93,510	-	170,573	-	98,370
Junk	7,000	144,200	7,000	168,000	7,000	140,000
Yard Waste	-	6,000	-	6,000	-	6,000
<b>Total in Pounds</b>	<b>37,351</b>	<b>337,220</b>	<b>39,671</b>	<b>450,016</b>	<b>45,994</b>	<b>357,119</b>

### **Medication Collections**

As discussed at our last meeting, DWM will no longer sponsor single day medication collection events, with the exception of the annual Clinton Community Health Fair. We will continue to promote our year round medication collection sites. Our host sites and law enforcement agencies have been notified of this change and as of this date, we have received no feedback.

### **Rural Recycling Sites & Advisory Council**

The 2021 Rural Recycling Service Plan was adopted in October in conjunction with the county budget. Additional information can be found in Table 3. Community cost share calculations remain at \$15 per household in the four jurisdictions participating, generating a total of \$21,000 in revenue. In communities utilizing the Act 69 of 2009 (formerly Act 138 of 1989) funding mechanism, the fee will be collected in the winter tax bills going out in December. These communities will receive an invoice after the first of the New Year and payment is due by May 1 each year.

## Recycling Options Report

Ms. Neese has updated the annual report detailing the various recycling programs within Clinton County. The full report will be presented to the Ways and Means Committee on September 24<sup>th</sup> and the full Board of Commissioners on September 29<sup>th</sup>. The report was shared with the SWC during the September 8<sup>th</sup> meeting and can be found on our website. Ms. Neese has shared this report with all of the local municipalities and reminded them that the DWM is here to help initiate and support recycling programs.

### September 25<sup>th</sup> Health Fair

Again, this event was canceled by Sparrow due to COVID 19 restrictions. Sparrow sponsored a drive through flu shot clinic in lieu of the annual Clinton Community Health Fair.

### Lions Club Recycling Site

Please see Appendix A for the updated spreadsheet. Staff continues working with this group in an effort to improve communication and information sharing.

<b>Table 3. 2021 Proposed Community Cost Share Commitments</b>		
Partners Utilizing Act 69 of 2005		
Contributors	# HH	Cost Share
Dallas Township	406	\$6,090
Village of Fowler	495	\$7,425
Lebanon Township	252	\$3,780
Sub-Total	1,153	\$17,295
General Fund Partners		
Contributors	# HH	Cost Share
Village of Maple Rapids	247	\$3,705
Sub-Total	247	\$3,705
<b>Grand Total</b>	<b>1,400</b>	<b>\$21,000</b>

## 2021 Collection Events

Even with all of the uncertainty due to COVID 19, DWM is moving forward with planning the 2021 spring Clean Community Event and Free for Fall Event. Dates are tentative at this time, as are locations, so more information will be made available as the dates gets closer. Contractors have been put on notice and DWM staff will work closely with host sites and County Administration to ensure the health and safety of everyone involved in this events. As a reminder, upwards of 120 volunteers/contractors/county employees work the spring Clean Community Event, along with an average of 600 attendees (residents) and 8 contractors/nonprofits. These events are require a massive amount of coordination and hands on labor. 2021 events make look very different than their predecessors, if they happen at all. As always, information will be posted on the DWM webpage as well as Clinton County's social media pages, emailed to municipalities and past volunteers, and submitted to local media outlets.

## Education, Outreach & Promotional Activities

### Education Report

Submitted by Nicole King

Mrs. King has reached out to schools about presentations, and other educational opportunities she can provide. She has started putting traveling trunk totes for teachers to request if in student learning. She was able to deliver the Michigan Green School certificates and flags this quarter to the schools. She

plans to continue to encourage schools to participate in the Michigan Green School this year.

A new program Mrs. King started was a recycling bingo challenge for county residents to do at home with their families. If families participated they received a reusable straw and enter a drawing to have the chance to win a tumbling composter. The challenge ends on December 11<sup>th</sup>.

She has also continued to educate residents through social media, and the monthly newsletter. Topics vary month to month on events, activities families can do together at home, and general education on recycling.

### **Garbage Guide and Materials Management Resources**

Updates to the Garbage Guide are being done and the updated version will be published soon; it was last updated in fall of last year (2019). Staff has updated our Waste Wizard tool in conjunction with the Garbage Guide update. Our annual contract renewal for the Waste Wizard is coming February 2021 and Ms. Neese will be asking the Commissioners to review that contract soon.



**APPENDIX A**

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	TOTALS
<b>Materials Revenues</b>																		
Cartridges	\$ 46.00	\$ 3.00	\$ 3.25	\$ 3.25	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 104.75	\$ -	\$ -	\$ -	\$ -	\$ -	
Cardboard	\$ 10,684.00	\$ 10,167.10	\$ 9,654.79	\$ 14,376.75	\$ 13,968.65	\$ 6,155.15	\$ 15,716.72	\$ 20,533.72	\$ 13,023.82	\$ 9,719.59	\$ 15,668.53	\$ 11,132.38	\$ 13,548.99	\$ 21,307.91	\$ 14,017.78	\$ 9,482.77	\$ 6,608.71	
Glass	\$ 278.00	\$ -	\$ 287.25	\$ 298.00	\$ -	\$ -	\$ 320.98	\$ 114.75	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Mixed Office Paper	\$ 3,087.42	\$ 3,751.79	\$ 2,463.32	\$ 3,703.21	\$ 4,939.01	\$ 1,924.74	\$ 1,941.77	\$ 3,450.97	\$ 909.64	\$ 5,018.21	\$ 442.05	\$ 1,674.92	\$ -	\$ 2,423.60	\$ 4,745.71	\$ 1,187.45		
Magazines	\$ 3,708.88	\$ 3,913.64	\$ 2,498.51	\$ 5,735.94	\$ 4,958.63	\$ 2,736.85	\$ 6,184.57	\$ 6,960.08	\$ 5,283.35	\$ 4,571.12	\$ 1,958.48	\$ -	\$ -	\$ -	\$ -	\$ -		
Metal	\$ 1,846.42	\$ 1,217.15	\$ 630.53	\$ 3,419.12	\$ 1,512.06	\$ 572.10	\$ 3,144.04	\$ 2,206.29	\$ 3,652.63	\$ 5,731.45	\$ 2,706.02	\$ 2,467.90	\$ 977.10	\$ -	\$ 4,530.55	\$ 1,481.00	\$ 1,031.75	
Newspaper	\$ 7,860.51	\$ 6,390.64	\$ 5,754.10	\$ 4,687.10	\$ 7,455.28	\$ 1,903.11	\$ 6,266.20	\$ 12,465.61	\$ 6,304.27	\$ 6,899.89	\$ 5,966.43	\$ 7,005.43	\$ 8,419.00	\$ 7,400.18	\$ 3,732.03	\$ 2,800.15	\$ 1,882.20	
Plastic	\$ 2,768.49	\$ 2,381.39	\$ 2,586.63	\$ 1,975.26	\$ 2,873.65	\$ 458.88	\$ 2,477.92	\$ -	\$ -	\$ 9,170.05	\$ 12,387.46	\$ 8,570.75	\$ 4,802.43	\$ 4,713.03	\$ 7,247.65	\$ 3,969.15	\$ 1,257.23	
Rent	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,200.00	\$ 4,200.00	\$ 4,200.00	\$ 4,200.00	\$ 4,300.00	\$ 4,800.00	\$ 4,800.00	\$ 2,800.00	\$ 6,500.00	\$ 4,500.00	
Donations/Interest	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 545.38	\$ 1,428.00	\$ 288.52	\$ 160.00	\$ 897.63	\$ 1,328.72	\$ 7,154.20	\$ 5,937.10	
<b>TOTALS</b>	<b>\$ 30,279.72</b>	<b>\$ 27,824.71</b>	<b>\$ 23,878.38</b>	<b>\$ 34,198.63</b>	<b>\$ 35,707.28</b>	<b>\$ 13,750.83</b>	<b>\$ 36,052.20</b>	<b>\$ 52,213.85</b>	<b>\$ 44,766.47</b>	<b>\$ 45,855.69</b>	<b>\$ 44,756.97</b>	<b>\$ 35,544.65</b>	<b>\$ 32,707.52</b>	<b>\$ 41,542.35</b>	<b>\$ 38,402.44</b>	<b>\$ 32,574.72</b>	<b>\$ 21,216.99</b>	

**COMMUNITY SUBSIDIES**

City of St Johns	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,000.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,000.00	
Bingham Township	\$ 3,819.00	\$ 2,546.00	\$ 2,546.00	\$ 3,182.50	\$ 1,273.00	\$ 3,182.50	\$ 2,546.00	\$ -	\$ 2,500.00	\$ -	\$ 4,500.00	\$ 2,500.00	\$ 2,500.00	\$ 5,000.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	
Bengal Township	\$ 800.00	\$ 800.00	\$ 1,000.00	\$ 1,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ -	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	
Greenbush Township	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 1,000.00	\$ 500.00	\$ 2,000.00	\$ 2,000.00	\$ -	\$ 2,000.00	\$ 500.00	\$ -	\$ 1,500.00	\$ 4,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	
Clinton County*	\$ 34,156.99	\$ 19,936.14	\$ 17,830.14	\$ 26,046.36	\$ 13,460.00	\$ 9,140.00	\$ 7,669.30	\$ 11,780.00	\$ 10,280.00	\$ 10,280.00	\$ 13,500.00	\$ 13,500.00	\$ 13,500.00	\$ 13,500.00	\$ 13,500.00	\$ 17,800.00	\$ 18,350.00	\$ 264,228.93
<b>TOAL SUBSIDIES</b>	<b>\$ 39,275.99</b>	<b>\$ 23,782.14</b>	<b>\$ 21,876.14</b>	<b>\$ 30,728.86</b>	<b>\$ 17,733.00</b>	<b>\$ 14,822.50</b>	<b>\$ 14,215.30</b>	<b>\$ 15,780.00</b>	<b>\$ 14,780.00</b>	<b>\$ 12,280.00</b>	<b>\$ 22,500.00</b>	<b>\$ 18,000.00</b>	<b>\$ 19,500.00</b>	<b>\$ 25,000.00</b>	<b>\$ 19,500.00</b>	<b>\$ 23,800.00</b>	<b>\$ 29,350.00</b>	

<b>TOTAL REVENUES</b>	<b>\$ 69,555.71</b>	<b>\$ 51,606.85</b>	<b>\$ 45,754.52</b>	<b>\$ 64,927.49</b>	<b>\$ 53,440.28</b>	<b>\$ 28,573.33</b>	<b>\$ 50,267.50</b>	<b>\$ 67,993.85</b>	<b>\$ 59,546.47</b>	<b>\$ 58,135.69</b>	<b>\$ 67,256.97</b>	<b>\$ 53,544.65</b>	<b>\$ 52,207.52</b>	<b>\$ 66,542.35</b>	<b>\$ 57,902.44</b>	<b>\$ 56,374.72</b>	<b>\$ 50,566.99</b>	<b>\$ 954,197.33</b>
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Contract Labor	\$ 11,475.00	\$ 11,150.00	\$ 11,250.00	\$ 11,405.00	\$ 12,525.00	\$ 16,423.28	\$ 16,441.00	\$ 23,772.86	\$ 31,648.58	\$ 34,400.00	\$ 32,500.00	\$ 35,100.00	\$ 33,890.00	\$ 33,800.00	\$ 36,761.42	\$ 30,028.60	\$ 22,600.00	
C.Labor -Styrofoam	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Disposal/Waste/Snow	\$ 528.01	\$ 675.97	\$ 631.05	\$ 848.91	\$ 777.31	\$ 834.30	\$ -	\$ 1,735.50	\$ 1,137.07	\$ 1,332.35	\$ 1,686.40	\$ 982.52	\$ 1,053.24	\$ 1,263.89	\$ 1,993.84	\$ 1,613.16	\$ 1,313.32	(inc Grounds)
Equipment Repair	\$ 3,392.67	\$ 1,424.12	\$ 1,346.17	\$ 498.56	\$ 1,237.95	\$ 105.53	\$ 2,603.05	\$ 5,355.93	\$ 2,912.01	\$ 2,859.42	\$ 1,573.12	\$ 1,960.14	\$ 3,386.71	\$ 2,743.61	\$ 7,503.23	\$ 5,072.70	\$ 5,244.76	
Building Repair	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 56,306.00	\$ -	\$ -	\$ 511.97	\$ 1,275.93	\$ 5,487.11	\$ 4,225.24	\$ 8,900.62	\$ 218.08	
Truck Expense	\$ 135.00	\$ 2,064.25	\$ 1,408.96	\$ 1,105.66	\$ 2,118.49	\$ 363.68	\$ 2,347.01	\$ 2,009.14	\$ 1,850.19	\$ 1,045.07	\$ 532.63	\$ 409.09	\$ 874.46	\$ 631.12	\$ 921.62	\$ 777.12	\$ 593.38	
Accounting Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,125.00	\$ 2,925.00	\$ 2,475.00	\$ 2,475.00	\$ 2,950.00	\$ 3,275.00	\$ 2,700.00	\$ 2,923.50	\$ 2,129.50	\$ 3,196.00	\$ 2,014.75	
Office Supplies	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 59.98	\$ 169.65	\$ 111.55	\$ 86.47	\$ 59.50	\$ 122.55	\$ 2.41	\$ 84.73	\$ 151.00	\$ 124.31	\$ 235.56		
Freight	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 669.40	\$ 992.20	\$ 210.63	\$ 75.00	\$ -	\$ -	\$ -	\$ 347.45	\$ -	\$ -	\$ -	
Insurance	\$ 1,076.09	\$ 2,110.32	\$ 2,032.61	\$ 1,986.24	\$ 2,025.21	\$ 1,969.10	\$ 196.25	\$ 3,781.92	\$ 2,815.50	\$ 2,824.95	\$ 2,882.83	\$ 2,860.00	\$ 2,919.00	\$ 2,974.00	\$ 2,726.16	\$ 2,973.98	\$ 2,536.50	
Other Expense	\$ 1,015.68	\$ 782.90	\$ 1,068.00	\$ 456.75	\$ 72.25	\$ 3,729.36	\$ 1,297.16	\$ 1,785.27	\$ 1,741.00	\$ 2,135.58	\$ 1,301.73	\$ 756.01	\$ 108.00	\$ 60.00	\$ 786.94	\$ 927.83	\$ 83.00	(inc. processing fee & interest expense)
Rent/Mortgage	\$ 5,530.00	\$ 5,400.00	\$ 4,950.00	\$ 5,850.00	\$ 5,400.00	\$ 5,400.00	\$ 4,950.00	\$ 11,200.00	\$ 10,200.00	\$ 10,200.00	\$ 10,200.00	\$ 8,054.98	\$ -	\$ -	\$ -	\$ -	\$ -	
Supplies	\$ 3,102.35	\$ 2,458.20	\$ 2,329.27	\$ 2,719.09	\$ 4,282.96	\$ 5,156.95	\$ 3,194.48	\$ 2,640.71	\$ 4,004.25	\$ 4,313.40	\$ 5,550.61	\$ 3,612.29	\$ 1,530.98	\$ 1,898.58	\$ 2,664.03	\$ 839.45	\$ 2,142.12	
Utilities	\$ 451.19	\$ 673.50	\$ 591.26	\$ 696.22	\$ 747.63	\$ 887.69	\$ 891.24	\$ 1,052.17	\$ 1,710.27	\$ 2,474.44	\$ 2,565.44	\$ 2,117.99	\$ 2,048.11	\$ 2,179.18	\$ 2,145.46	\$ 2,742.77	\$ 1,956.97	
Transfer Funds	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (862.57)	\$ (800.00)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
<b>TOTAL EXPENSES</b>	<b>\$ 26,705.99</b>	<b>\$ 26,739.26</b>	<b>\$ 25,607.32</b>	<b>\$ 25,566.43</b>	<b>\$ 29,186.80</b>	<b>\$ 35,869.89</b>	<b>\$ 33,774.57</b>	<b>\$ 57,420.35</b>	<b>\$ 117,122.05</b>	<b>\$ 63,359.11</b>	<b>\$ 61,002.26</b>	<b>\$ 59,762.54</b>	<b>\$ 49,788.84</b>	<b>\$ 54,393.17</b>	<b>\$ 62,008.44</b>	<b>\$ 57,196.54</b>	<b>\$ 38,938.44</b>	<b>\$ 824,442.00</b>

<b>REV.-EXP.</b>	<b>\$ 42,849.72</b>	<b>\$ 24,867.59</b>	<b>\$ 20,147.20</b>	<b>\$ 39,361.06</b>	<b>\$ 24,253.48</b>	<b>\$ (7,296.56)</b>	<b>\$ 16,492.93</b>	<b>\$ 10,573.50</b>	<b>\$ (57,575.58)</b>	<b>\$ (5,223.42)</b>	<b>\$ 6,254.71</b>	<b>\$ (6,217.89)</b>	<b>\$ 2,418.68</b>	<b>\$ 12,149.18</b>	<b>\$ (4,106.00)</b>	<b>\$ (821.82)</b>	<b>\$ 11,628.55</b>	<b>\$ 129,755.33</b>
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<b>TOTAL TON</b>	<b>505.82</b>	<b>598.67</b>	<b>579.45</b>	<b>563.19</b>	<b>545.27</b>	<b>410.25</b>	<b>418.7</b>	<b>412.28</b>	<b>445.24</b>	<b>446.24</b>	<b>371.37</b>	<b>403.84</b>	<b>312.46</b>	<b>290.62</b>	<b>348.10</b>	<b>277.00</b>	<b>187.87</b>	<b>7,116.37</b>
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\*Includes contributions from Riley, Olive and Essex Twps



## Clinton County Department of Waste Management

1307 E. Townsend Rd., Ste. 102, St. Johns, MI 48879

Phone: 989-224-5187, Fax: 989-224-5102

### Clinton County Clean Community Event Services 1999 thru 2020

Clinton County has conducted 32 Clean Community Events since the spring of 2004 (no events were held in 2020 due to COVID 19 restrictions). The events had been previously offered several times in the 1990s under the program titled “Dump Your Junk.” However those services were suspended after 1999 and limited to annual household hazardous waste programs. In 2004 the county was able to again offer comprehensive collection events for residents, and for the first time, events were offered twice each year. This was a result of decreased expenses to the county to provide recycling drop-off sites after eight communities agreed to help fund those services. In 2016, it was decided the fall event would be rebranded based on participation rates and is now called the Free for Fall Event.

Clean Community Events target 10 types of residentially generated materials that can be reused, recycled, disposed of in a landfill, or as in the case of hazardous and pharmaceutical waste, put through special treatment technologies for safe disposal. Services are also offered to small businesses that qualify as “Conditionally Exempt Small Quantity Generators.” Working thru the county’s program to get rid of hazardous and electronic waste items can provide a significant cost savings to businesses as compared to working directly with a private service provider.

With the exception of 2007, events have been held twice annually: in the spring in St. Johns (Bingham Township) at the Clinton County Road Commission’s facility, and in the fall in Lansing (DeWitt Township) at Granger’s facility. This approach is used since the event requires a large paved area with on-site heavy operating equipment to accommodate all of the collection stations and materials received. It is too expensive to try to rent such equipment and have it delivered to a site, and there a limited number of sites in the county with the space to hold the event. In 2007 a different collection model was pursued: four events were held in different areas of the county and the types of services were reduced so that they could fit in the space of the different facilities used. However this approach was not cost effective and did not result in a very large turn out in terms of number of residents participating or the amount of material received.

Table 1 above provides an overview of the types and amounts of materials collected at the events over the last eighteen years. Over 3 million pounds of materials have been recycled; 895,682 pounds of hazardous waste materials have either been recycled (as in the case of motor oil and antifreeze, flammables and solvents blended for fuel in cement kilns, and batteries, etc.) and remaining hazardous waste is safely destroyed (such as pesticides, pharmaceuticals and other toxics.)

Hazardous Waste	623,965
Oil & Anti-Freeze	271,717
Electronic Waste	784,676
Scrap Metal	627,948
Tires	1,452,060
Yard Waste	162,760
Total Recycling	3,840,694
Total Junk	5,255,060

Of the items collected, the most difficult materials for residents to properly dispose of are:

- Hazardous waste: services simply do not exist for households outside of the county's events, even if residents were inclined to pay for such.
- Unwanted and expired pharmaceuticals and personal care products are handled through incineration to avoid these persistent and bio-accumulative compounds from entering water ways.
- Electronic waste: Consistent, ongoing programs do not exist to recycle this waste stream and it would otherwise be put in a landfill. This is a potential hazard given the amount of lead and other heavy metals used to make electronics.
- Tires: Although residents can pay a service fee of a few dollars to dispose of a tire when a new one is purchased, many do not. Given the large agricultural base, tires tend to quickly accumulate on properties from their use with grain storage, on large earth moving and farming equipment, etc. Since it is illegal to dispose of tires in the landfill it can be difficult for consumers to get rid of them if they have a large volume and cannot afford fees charged by retail establishments. Furthermore, tires found along side the roads have historically been collected by the Road Commission, who doesn't necessarily have a budget to dispose of them. The county is able to handle tires inexpensively by directly working with a processor who is a parent company to a manufacturer making many items from recycled rubber. In the past, a 55' trailer is provided to the county for a flat fee and costs are passed on to residents at an affordable rate of just \$1 per car tire. In 2016, Clinton County partnered with Eaton County to apply for a grant through the Department of Environmental Quality (DEQ) to cover tire recycling costs. This grant allowed Clinton County to provide a free tire collection in August 2015, April 2016, April 2017, April 2018 and April 2019. Clinton County will be working with Eaton County again in 2020 for DEQ tire grant.
- Historic, bulky waste and junk items: When purchasing old estates, many residents are also inheriting large junk piles which are a result of dumping of household waste in old structures or "in the back 40" over a long period of time, as was the custom years ago. The cost of cleaning up these open dumps can be quite considerable. The fact that the county subsidizes disposal costs at less than half of what the landfill would charge provides residents the incentive and assistance they need to clean up their properties, which is a benefit for all residents in the communities impacted by these past activities.

Since the first event, 16,783 households have participated bringing an averaging 229 pounds of recyclable material per household. On average a little more than 2% of the county's households will attend any given event. The US Environmental Protection Agency considers a well-attended event to include between 1 to 3% of the overall population, so Clinton County does well in getting residents to come out and take advantage of the services

Table 2 below provides a break out of costs for events held in 2017 and 2018. Hazardous waste services represent the highest cost category. Clinton County collects an average of 53 pounds of hazardous waste per household; many other programs around the state collect an average of 50 pounds per household. Clearly there is a strong need for these services. Miscellaneous costs include printing of participant

confirmation and volunteer materials, signage, safety equipment, supplies, toilet rental, volunteer thank you items, services provided by the Sheriff's Mounted Patrol for traffic control, and food served at the event for volunteers and jail inmates.

<b>Table 2. Clean Community Event Costs April 2017 thru September 2018</b>				
	Apr-18	Sept-18	Apr-19	Sept-19
Hazardous Waste	\$21,468	\$11,419	\$12,735	\$7,966
Junk	\$7,119	\$386	\$7,936	\$386
Electronic Waste	\$4,444	\$1,157	\$2,920	\$1,176
Equipment Rental	\$5,635	\$0	\$5,343	\$0
Wages	\$1,846	\$1,540	\$1,105	\$832
Miscellaneous Expenses	\$8,723	\$1,353	\$5,968	\$3,210
Tires	\$0	\$0	\$0	\$0
Oil & Antifreeze	\$250	\$250	\$2,556	\$747
Freon Appliances	\$450	\$0	\$700	\$0
<b>TOTALS</b>	<b>\$49,934</b>	<b>\$16,105</b>	<b>\$39,263</b>	<b>\$14,318</b>

Funding for the events is provided through the Department of Waste Management's budget and fees charged for a few items. This includes bulky waste (about \$15 for a half truck load or \$30 for a full truck load), televisions & computer monitors (\$10 per unit) and Freon-removal from appliances at a cost of \$10 per appliance. Revenue collected from the collection event fees for 2018 was \$7,770 (about 12% of actual costs) and \$7,685 for 2019 (about 14% of actual costs). Department revenues stem from the Landfill User Fee Agreement with Granger which generates \$.25 for every cubic yard of waste disposed of, to be spent on programs and services to fulfill Clinton County's solid waste planning obligations as set forth by Part 115 of the Natural Resources and Environmental Protection Act as well as the Clinton County Solid Waste Plan and Ordinance of 1989.

Clean Community Event services continue to evolve each year both in the participants served and types of material collected. A great deal of collaboration is required, and the success of the events is in large part thanks to the excellent contributions made by event contractors, site hosts and volunteers. This includes the Clinton County Sheriff's Office and Mounted Division who oversee jail inmates, the collection of unwanted and expired pharmaceuticals, and provides traffic control to ensure participants move through in an orderly fashion. The events receives broad community support from the approximately 40 to 125 individuals who come to work a three hour shift at each event; assistance that is critical to servicing vehicles quickly and getting participants on their way. Finally the Clinton County Road Commission and Granger as site hosts provide invaluable assistance. Both agencies arrange for key staff, supplies and equipment to help with event staging, unloading of vehicles with heavy items and generally ensuring that as needs arise, challenges are addressed and event staff is fully supported.

**SPECIAL WASTE COLLECTION PARTICIPATION BY ZIP CODE**

**APPENDIX C**

<b>2018 SPRING # of Participants</b>			<b>2019 SPRING # of Participants</b>		
48806	1	Ashley	48808	18	Bath
48808	11	Bath	48820	163	DeWitt
48820	136	DeWitt	48822	24	Eagle
48822	19	Eagle	48823	2	East Lansing
48823	1	East Lansing	48824	1	East Lansing
48831	14	Elsie	48831	16	Elsie
48833	1	Eureka	48833	1	Eureka
48835	31	Fowler	48835	30	Fowler
48837	12	Grand Ledge	48837	12	Grand Ledge
48840	1	Haslett	48840	1	Haslett
48848	29	Laingsburg	48848	24	Laingsburg
48866	28	Ovid	48853	3	Maple Rapids
48873	2	Pewamo	48866	26	Ovid
48875	3	Portland	48873	2	Pewamo
48879	186	St Johns	48875	6	Portland
48894	36	Westphalia	48879	207	St Johns
48897	2	Woodland	48894	29	Westphalia
48906	21	Lansing	48901	1	Lansing
48909	1	Lansing	48906	30	Lansing
49058	1	Hastings	49009	1	Kalamazoo
	<b>536</b>	<i>*(550 total participants)</i>		<b>597</b>	<i>*(608 total participants)</i>

*\*Please note - the spring event figures do not include residents who did not register before the event*

**2018 FALL # of Participants**

48808	21	Bath
48820	65	DeWitt
48822	13	Eagle
48823	10	East Lansing
48827	1	Eaton Rapids
48831	4	Elsie
48835	13	Fowler
48837	10	Grand Ledge
48840	1	Haslett
48848	5	Laingsburg
48866	3	Ovid
48873	2	Pewamo
48879	32	St Johns
48890	1	Sunfield
48894	5	Westphalia
48906	21	Lansing
48910	1	Lansing
48917	1	Lansing

**209****2019 FALL # of Participants**

48808	22	Bath
48820	103	DeWitt
48822	7	Eagle
48823	7	East Lansing
48831	1	Elsie
48835	7	Fowler
48837	4	Grand Ledge
48840	1	Haslett
48848	4	Laingsburg
48866	5	Ovid
48879	31	St Johns
48891	1	Vestaburg
48894	5	Westphalia
48906	47	Lansing
48910	1	Lansing
48917	1	Lansing
49686	1	Traverse City

**248**

**PROPOSED Solid Waste Council Meetings for 2021**

Tuesday, March 9<sup>th</sup> at 5:30pm – Virtual via Zoom

Tuesday, June 8<sup>th</sup> at 5:30pm – Clinton County Courthouse – Suite 1500

Tuesday, September 14<sup>th</sup> at 5:30pm – Watertown Charter Township Hall

Tuesday, December 14<sup>th</sup> at 5:30pm – Clinton County Courthouse – Suite 1500