

**CLINTON COUNTY SOLID WASTE COUNCIL MEETING**  
**Clinton County Courthouse, Suite 1500**  
**100 East State Street, St Johns, MI 48879**  
**5:30 P.M.**  
**TUESDAY, DECEMBER 14, 2021**

1. Call Meeting to Order
2. Approval of Agenda
3. Approval of minutes: September 14, 2021 – 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
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.

## ATTACHMENT 1

MINUTES OF THE MEETING OF THE CLINTON COUNTY SOLID WASTE COUNCIL (SWC) HELD TUESDAY, SEPTEMBER 14, 2021, AT THE WATERTOWN TOWNSHIP HALL, 12803 S. WACOUSTA ROAD, GRAND LEDGE, MICHIGAN 48837

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

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

**GUESTS:** Roger Dershem, St. Johns Lions Club; Adam Byrne, Mid-Michigan District Health Department

### 1. CALL MEETING TO ORDER

Bruce DeLong called the meeting to order at 5:30 p.m.

### 2. APPROVAL OF AGENDA

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

### 3. APPROVAL OF MINUTES: June 8, 2021 – ATTACHMENT 1

Chairman DeLong asked for input on the minutes from the June 8, 2021 meeting. ***A motion was made by Member Seeger, supported by Member Maahs to approve the minutes from the Solid Waste Council meetings of June 8, 2021. Five ayes, zero nays. Motion carried.***

### 4. APPROVAL OF PER DIEM VOUCHERS

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

### 5. PUBLIC COMMENTS

Charles Hauser was not able to attend the meeting because he was at a work expo but he called Neese, DWM, to share that as of September 1, single stream is now being processed through Emterra.

### 6. Activity Report Review – Attachment 2

#### **Budget**

The recommended budget for 2022 has been prepared and presented to Administration. Commissioners typically adopt the next fiscal year budget in October. A fund balance transfer of \$25,000 has been recommended this year as we propose to offer another round of outdoor recycling bins (machine equipment line on budget) and have funds available for a potential Solid Waste Management Plan update. The full budget will be posted once it is approved.

#### **Collection Events**

Car & Light Truck Tire Collection – The DWM received a tire grant and will be hosting a tire collection September 25, 2021 at the Clinton County Road Commission by appointment only. Residents will be allowed 10 tires per registration. The tires must be 24" or smaller, car or light truck tires. We will also be helping the Road Commission clear out their tire pile.

The DWM is actively promoting the October 16 Free For Fall Event. The Free For Fall event will take place at Granger from 8am-1pm. This event will be exactly the same as our April 24<sup>th</sup> event – by appointment only. HHW & electronics will be the only two waste streams accepted.

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

DWM, Neese is working on household counts for 2022. The yearly household contribution remains \$15.00 per household.

The Village of Fowler recently contacted our department in regards to the uptick of contamination at their site. Their Department of Public Works staff has been expending additional man hours managing the site due to the improper use. The DWM has sent a letter to several municipalities whose residents are using the sites, but are not contributing financially. We need residents from all communities to do their part and recycle right.

### **Education Report**

Nicole King gave an education report and explained to the SWC that she has presented a number of educational programs mainly to the DeWitt Recreation Authority summer camp. She has also had the opportunity to present a program with the Briggs Library this summer. In addition to these summer programs, King continues to educate residents through social media and the monthly newsletter. She has also created more at home activities that are placed on the website for families to do together. These activities help educate residents about the environment and sustainability.

### **St. Johns Lions Club Quarterly Report – Attachment C**

Roger Dershem reported that the commodity value for milk jugs, cardboard and white paper is very good right now.

Bruce DeLong mentioned that he has been getting phone calls from unhappy residents in regards to the St. Johns Lions Club. Businesses have called Bruce frustrated because the SJLC has refused their polystyrene, telling them they need to break it down, bag it and then bring it back. Roger explained that Dart has threatened to shut the SJLC down if polystyrene isn't broke down. Roger also explained they only have two part time employees and no one training to take over management when Roger is no longer able to do the job. The SJLC is having major contamination issues and not enough help to keep up with it all.

The DWM has offered to help the SJLC promote proper recycling on social media to help reduce the amount of contamination.

## **7. OTHER BUSINESS**

## **8. ADJOURNMENT**

Bruce DeLong asked if there was any other business. There being no further business, ***the meeting was adjourned @ 6:25 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, 2021

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 11, 2018. The meeting will be held at 5:30 PM at the Department of Waste Management's Office located within the Clinton County Courthouse at 100 East State Street, Suite 1500, St Johns, MI 48879. Please enter on the south side of the Courthouse (Cass Street) and come downstairs to the first floor.

#### **Administration**

##### **Budget**

The 2022 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**

##### **Car & Light Truck Tire Collection**

Due to extenuating circumstances, the DWM opted to host a stand-alone tire collection on Saturday, September 25<sup>th</sup>. Residents were required to register for an appointment through the County's new online registration program called CivicRec. This event allowed the County to utilize the annual Scrap Tire Grant through EGLE. This event went really well, although it was very difficult to find enough volunteers. The DWM intends to host another free tire collection in April as part of the annual spring Clean Community Event.

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

Similar to our spring 2021 event, this year residents were required to make an appointment to attend the October 16<sup>th</sup> Free for Fall event. Residents were able to dispose of household hazardous waste and electronics at this event. Due to changes with some of our vendors, the DWM has decided that all future Free for Fall events will be run similarly to this year's, in that we will limit items to those two waste stations.

##### **Clean Community Event – 2022!**

We are actively planning for the April 30, 2022 Clean Community Event. More information will be made available after the New Year as we are currently getting all of the contracts in order. The DWM will be doing their annual volunteer outreach mailer in February in conjunction with the annual events postcard. Historical information about the Clean Community Events can be found in Appendix B. The following tables provide a snapshot of costs and weights for these collection programs. DWM is still waiting on some invoices from the October 16<sup>th</sup> event, so that information is not included in the following tables.

	9/25/21	4/24/21	9/14/19	4/25/19	9/15/2018	4/21/2018
Hazardous Waste	\$ 0	\$ 16,513	\$ 7,966	\$ 12,735	\$ 11,419	\$ 21,468
Junk	\$ 0	\$ 0	\$ 386	\$ 7,936	\$ 386	\$ 7,119
Electronic Waste	\$ 0	\$ 2,251	\$ 1,176	\$ 2,920	\$ 1,157	\$ 4,444
Equipment Rental	\$ -	\$ -	\$ -	\$ 5,343	\$ -	\$ 5,634
Wages	\$ 224	\$ 83	\$ 832	\$ 1,105	\$ 1,540	\$ 1,846
Miscellaneous Expenses	\$ 544	\$ 1,898	\$ 3,210	\$ 5,968	\$ 1,353	\$ 8,723
Tires	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Oil & Antifreeze	\$ 0	\$ 0	\$ 747	\$ 2,556	\$ 250	\$ 250
Freon Appliances	\$ -	\$ -	\$ -	\$ 700	\$ -	\$ 450
<b>Total</b>	<b>\$ 768</b>	<b>\$ 20,745</b>	<b>\$ 14,318</b>	<b>\$ 39,263</b>	<b>\$ 16,105</b>	<b>\$ 49,934</b>

	9/25/21	4/24/21	9/14/19	4/25/19	9/15/2018	4/21/2018
# of Households	90	395	250	608	210	550
Hazardous Waste	0	22,921	14,456	21,326	15,113	28,580
Motor Oil & Anti-freeze	0	14,535	3,220	14,200	6,424	10,949
Medications	0	382	266	492	208	391
Electronic Waste	0	27,752	9,479	31,342	9,276	43,403
Scrap Metal	0	0	-	22,460	-	18,680
Books	0	0	2,930	3,690	1,650	3,440
Tires	42,840	0	-	93,510	-	170,573
Junk	0	1,400	7,000	144,200	7,000	168,000
Yard Waste	0	0	-	6,000	-	6,000
<b>Total in Pounds</b>	<b>42,840</b>	<b>66,990</b>	<b>37,351</b>	<b>337,220</b>	<b>39,671</b>	<b>450,016</b>

### Rural Recycling Sites & Advisory Council

The 2022 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 \$21,075 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 16<sup>th</sup> and the full Board of Commissioners on September 21<sup>st</sup>. The report was shared with the SWC during the September 14<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.

The DWM continues to do additional outreach to help reduce contamination at our drop off recycling sites and we are working towards some improved signage for both the Fowler and Maple Rapids sites.

### 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.

### 2022 Collection Events

Even with all of the uncertainty due to COVID 19, DWM is moving forward with planning the 2022 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 up to 8 contractors/nonprofits. These events require a massive amount of coordination and hands on labor. 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.

Partners Utilizing Act 69 of 2005		
Contributors	# HH	Cost Share
Dallas Township	406	\$6,090
Village of Fowler	504	\$7,560
Lebanon Township	249	\$3,735
Sub-Total	1,159	\$17,385
General Fund Partners		
Contributors	# HH	Cost Share
Village of Maple Rapids	246	\$3,690
Sub-Total	246	\$3,690
Grand Total	1,405	\$21,075

## Education, Outreach & Promotional Activities

### Education Report

Submitted by Nicole King

Mrs. King started working with the Eaton County education coordinator to collaborate on educational programs. They both feel with a cooperative effort they can offer programs that are outside the box truly engages the target audiences. Currently, they are brainstorming ideas on how to bring worm composting education to younger grade levels. Mrs. King was able to present to a classroom of 6<sup>th</sup> graders for a career path class. She focused on what she did for her job, her education, and what other jobs the recycling industry offers. The students were given a reusable straw at the end of the presentation after answering recycling education questions. There was a total of 15 students.

In total for this year of 2021, Mrs. King reached a total of 352 participants. This number comes from the take and make program with collaboration through the libraries, the DARA summer camp residents, the career presentation, and lastly the paper making program with Briggs Library. She hopes to increase this number next year by adding more summer programs, attending outreach events and hopefully doing more presentations within schools.

She has also continued to educate residents through social media and the monthly e-newsletter. Topics vary month to month on events, activities families can do together at home, and general education on recycling. She also continues to DWM Fourth Quarter Activity Report SWC Meeting

brainstorm and add more “at home” activities to the department’s website for families to do together to learn more about the environment and sustainability.

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

Updates to the Garbage Guide are being done and the updated version will be published soon; this is an annual project handled by our Secretary, Ms. Longoria. Staff also updates our Waste Wizard tool in conjunction with the Garbage Guide update. Our annual contract renewal for the Waste Wizard is coming February 2022 and Ms. Neese will once again ask the Commissioners to renew.

### **2022 Solid Waste Council Meeting Dates**

Looking ahead to next year, we are proposing these meeting dates:

Tuesday, March 8, 2022 – DeWitt Charter Township Hall

Tuesday, June 14, 2022 – Clinton County Courthouse; Suite 1500

Tuesday, September 13, 2022 – Watertown Charter Township Hall

Tuesday, December 13, 2022 – Clinton County Courthouse; Suite 1500

All meetings will begin at 5:30pm.

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	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	\$ 10,764.64	\$ 12,422.68		
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	\$ -	\$ -	\$ 5,089.92	
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	\$ 7,025.20		
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	\$ 3,299.70	\$ 4,934.52		
Plastic	\$ 2,768.49	\$ 2,381.39	\$ 2,586.63	\$ 1,975.26	\$ 2,873.65	\$ 458.88	\$ 2,477.92	\$ 2,282.43	\$ 11,392.76	\$ 9,170.05	\$ 12,387.46	\$ 8,570.75	\$ 4,802.43	\$ 4,713.03	\$ 7,247.65	\$ 3,969.15	\$ 1,257.23	\$ 13,902.78		
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	\$ 5,500.00	\$ 8,520.00		(Inc Food Truck)
Donations/Interest	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 545.38	\$ 1,428.00	\$ 288.52	\$ 160.00	\$ 897.63	\$ 1,328.72	\$ 7,154.20	\$ 13,306.60	\$ 10,689.70		(Inc "Uncategorized" & dues)
<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>\$ 35,159.92</b>	<b>\$ 62,584.80</b>		

<b>COMMUNITY SUBSIDIES</b>																				
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	\$ 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	\$ 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	\$ 1,000.00	\$ 1,000.00	
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	\$ 17,800.00	\$ 13,350.00	\$ 263,678.93	County Contributions
<b>TOTAL 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>\$ 28,800.00</b>	<b>\$ 18,850.00</b>		

**TOTAL REVENUES \$ 69,555.71 \$ 51,606.85 \$ 45,754.52 \$ 64,927.49 \$ 53,440.28 \$ 28,573.33 \$ 50,267.50 \$ 67,993.85 \$ 59,546.47 \$ 58,135.69 \$ 67,256.97 \$ 53,544.65 \$ 52,207.52 \$ 66,542.35 \$ 57,902.44 \$ 56,374.72 \$ 63,959.92 \$ 81,434.80 \$ 967,590.26**

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	\$ 31,000.00	\$ 24,000.00		
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	\$ 1,599.76	\$ 1,805.32		(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	\$ 5,957.26	\$ 9,850.33		
Building Repair	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 56,306.00	\$ -	\$ -	\$ 511.97	\$ 1,275.93	\$ 5,487.11	\$ 4,225.24	\$ 8,900.62	\$ 218.08	\$ 420.74		
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	\$ 721.07	\$ 589.89		
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	\$ 2,689.75	\$ 2,344.50		
Office Supplies	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 59.98	\$ 169.65	\$ 111.55	\$ 86.47	\$ 59.50	\$ 122.55	\$ 2.41	\$ 84.73	\$ 151.00	\$ 124.31	\$ 290.56	\$ 64.00		
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	\$ 3,145.99	\$ 1,828.51		
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	\$ 666.00	\$ 2,906.91		(inc. processing fee
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	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		& interest expense)
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	\$ 2,447.13	\$ 381.96		
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	\$ 2,613.99	\$ 1,824.24		
Scholarship	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,500.00		
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>\$ 51,349.59</b>	<b>\$ 47,516.40</b>		\$ 836,853.15

**REV.-EXP. \$ 42,849.72 \$ 24,867.59 \$ 20,147.20 \$ 39,361.06 \$ 24,253.48 \$ (7,296.56) \$ 16,492.93 \$ 10,573.50 \$ (5,575.58) \$ (5,223.42) \$ 6,254.71 \$ (6,217.89) \$ 2,418.68 \$ 12,149.18 \$ (4,106.00) \$ (821.82) \$ 12,610.33 \$ 33,918.40 \$ 130,737.11**

**TOTAL TON 505.82 598.67 579.45 563.19 545.27 410.25 418.7 412.28 445.24 446.24 371.37 403.84 312.46 290.62 348.10 277.00 306.91 233.62 7,235.41**

\*Includes contributions from Riley, Olive and Essex Twps





## Clinton County Department of Waste Management

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### 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 and 2021, 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 Landfilled	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 Environment, Great Lakes & Energy (EGLE) 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, April 2019 and September 2021. Clinton County will be working with Eaton County again in 2022 for EGLE 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 2018 thru September 2019</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.