



Antrim County Solid Waste & Recycling Council



MEMBERS

Heather Butler
12/31/2019

Joel Fredette
12/31/2021

David Kotwick
12/31/2020

Kathleen Peterson
12/31/2021

Bob Ricksgers
12/31/2019

Terry VanAlstine
Term Elected

Melissa Zelenak
12/31/2021

STAFF

Pete Garwood
County Administrator

Travis Youatt
Deputy Administrator

Tina Schrader
Administrative Asst.

Margie Boyd
Secretary

OFFICE ADDRESS

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SPECIAL ASSISTANCE

If you wish to attend a Planning Commission meeting and require special assistance, please contact the Administration and Planning Office.

The Antrim County Economic Development Corporation meeting is scheduled for

Monday, October 21, 2019

Antrim County Building, Room 211
203 East Cayuga Street, Bellaire, Michigan

AGENDA ITEMS INCLUDE:

- 2:00 p.m. Call to Order
- 2:01 p.m. Public Comment
- 2:02 p.m. [Approval of Minutes - July 22, 2019](#) - *pgs. 2-3*
- 2:10 p.m. [Household Hazardous Waste Appointments for Drop-Off](#) - *pg. 4*
- 2:25 p.m. Antrim Conservation District—Wendy Warren - *pgs. 5-6*
- 2019 Household Hazardous Waste Events Recap
 - Recycling Education/Outreach
 - ◊ Recycling Data Comparisons
 - ◊ Addressing Contamination & Littering
 - ◊ Cameras, Signage, etc.
 - Electronics Recycling Grant - Status
 - Regional Economic Development & Recycling Markets Forum - Event Recap
 - Field Trip to Emmet County Recycling Facility
- 3:05 p.m. 2019 Quarter 3 Recycling Totals (Information Only) - *pg. 7*
- 3:10 p.m. [Antrim County Solid Waste & Recycling Plan](#) (Information Only)
- 3:25 p.m. Various Matters
- 2020 Meeting Dates
- 3:40 p.m. Public/Member Comment
- Adjourn

Antrim County Solid Waste and Recycling Council

**Minutes
July 22, 2019**

Members Present: Terry Vanalstine, Heather Butler, David Kotwick, Melissa Zelenak, Bob Ricks, Kathleen Peterson

Members Absent: Joel Fredette

Others present: Mark Bevelhymmer, Travis Youatt, Wendy Warren

1. Call to Order

The meeting was called to order at 2:00 by Melissa Zelenak

2. Public Comment

None.

3. Approval of Minutes

Motion by Kotwick, seconded by Butler, to approve the minutes from the March 11, 2019 meeting as presented.

Motion carried - unanimous

4. American Waste Presentation – Mark Bevelhymmer

Mark Bevelhymmer, American Waste, provided an update on the American Waste transfer station facilities in Elmira, Michigan. Mr. Bevelhymmer indicated the site should be open this year. He went into detail about American Waste, types of materials that can be recycled, and how their intake is recycled. He said most of the recycled products stay in the Midwest, specifically Michigan.

5. Antrim Conservation District (ACD) Update

Recycling Brochure

Wendy Warren, Conservation District Manager, presented the council with the new ACD recycling brochure. She asked for suggestions on how to distribute the brochures and mentioned a few ideas. Members suggested dropping the brochures off at village offices and posting it to the ACD website.

Recycling Drop-off Sites

Ms. Warren gave an update on the sites. The next Hazardous Waste is being held in Bellaire, MI on August 3rd.

Recycling Electronic Grant Information & Status

Ms. Warren informed the committee about the grant that she will be writing. She clarified the grant is actually only for \$10,000.00 in total, not \$10,000.00 per year.

Recycling Facilities Upgrade Grant Ideas

The board discussed adding more recycling drop-off sites.

Compost

The group asked Mr. Bevelhymmer about possible compost sites in Antrim County. The discussed exploring the possibility of encouraging community compost sites.

Household Hazardous Waste Update

The next event will be held at the high school in Bellaire, MI on August 3rd.

6. 2019 Quarters 1 & 2 Recycling Totals (Information Only)

The Administration Office provided quarterly recycling totals as part of the agenda packet.

7. Various Matters

None.

8. Public / Member Comment

None.

The next meeting is scheduled for October 28th at 2:00 p.m.

Meeting adjourned at 3:07 p.m.

DRAFT

Household Chemical Drop Off

[What can I bring?](#)

[Is there a fee?](#)

[Less Toxic Alternatives](#)

[The Waste Exchange](#)



Clean up. Green up. Free up! Thank you for your interest in doing the right thing with your waste chemicals. If throwing them out in your garbage or pouring them down the drain didn't feel like the thing to do, you were right. A surprisingly small amount of some common household chemicals can pollute a lot of soil, air, and water. The DPW's hazardous waste programs are here to make "the right thing" as safe and convenient as possible.

When: Upcoming Drop-off Events

Household chemical drop-off is offered *on event days by appointment only*. We require appointments for everyone's convenience and safety. Without appointments, we find that too many people arrive at once. People get frustrated waiting and, with cars loaded with everything from lighter fluid to pesticides, a traffic jam could be dangerous – even blocking the way for emergency vehicles in the case of a spill or fire.

We hold three events each year, one in the spring, one in the summer, and one in the fall. 2019's last event was held on September 14.

To be notified of 2020's Household Chemical Drop-off events as soon as they are scheduled, please sign up for our monthly e-newsletter.

[e-Newsletter Signup](#)

2018 HHW Data provided by Antrim Conservation District

	House-holds	HHW #Lbs.	Pesticide # Lbs.	Haz Cost	Recycle Tires	Latex Paint	Tire Cost	HHW Cost	Pest Cost	Total Cost	Participant Payments	Tire Grant	Pest Grant	Total Revenue	Net Cost	
19-May	76	7825	450	7,825	1 Traylor	5 totes	1,325	1,011	10,161	675	10,836	1,144	1,011	675	2,830	8,006
4-Aug	141	11112	981	12,093	1 Traylor	7.25	1,921	1,247	15,261	1,472	16,733	1,974	1,247	1,472	4,693	12,040
15-Sep	105	11421	540	10,814	1 Traylor	5.5 tote	1,458	1,987	14,258	810	15,068	2,339	1,987	810	5,136	9,933
Fiduciary									600							
Total	322	30358	1971	30,732	3 Traylor	17.75 T	4,704	4,245	39,680	3,557	42,637	5,457	4,245	2,957	12,658	29,979

Actual = \$1.06 Co cost per lb for disposal of HHW

Opt. A Records indicate that revenue from **HHW >100lbs.@\$1/lb.** would have been =

19-May 754
 4-Aug 1386
 15-Sep 1506
3,646

Total Proj. Revenue **\$5,421**

Opt. B Records indicate that revenue from **HHW >100lbs.@ \$0.50/lb.** would have been =

19-May 754
 4-Aug 1386
 15-Sep 1506
1,823

Total Proj. Revenue **\$3,598**

Add Paint @\$1.00/1 gal can (empty or full)

19-May 500
 4-Aug 725
 15-Sep 550

Projected revenue **\$1,775**

2019 HHW Data provided by Antrim Conservation District

	House-holds	HHW #Lbs.	Pesticid e# Lbs.	Haz Cost	Tires	Recycl e Paint	Latex Paint cost	Tire Cost	HHW Cost	Pest Cost	Total Cost	Particip ant Payme nts	Tire Grant	Pest Grant	Total Revenu e	Net Cost
18-May	206	17433	985	13,580	602		2,125	1,519	15,099	1,330	20,073	\$1,537	1,519	1,330	4,386	15,687
3-Aug	250	24724	1004	19,169	381		2,358	1,000	20,169	1,355	24,882	\$3,137	1,000	1,355	5,492	19,390
14-Sep	180	22620	497	18,571	398		1,678	1,143	19,714	671	23,205	\$1,464	1,143	671	3,278	19,927
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Total	636	64777	2486	51,320	1381		6,161	3,662	54,982	3,556	68,160	6,138	3,662	3,356	13,156	55,004

	Elk Rapids	Kewadin	Central Lake	Bellaire	Mancelona	Alden	Ellsworth	Alba	Total Billed
July									
Total pulls	18	12	9	14	13	13	9	7	95
Total tons	51.9	22.65	18.9	51.45	21.75	21.9	16.8	4.35	209.7
Total ton cost	\$ 11,659.34	\$ 5,088.32	\$ 4,245.89	\$ 11,558.24	\$ 4,886.14	\$ 4,919.84	\$ 3,774.12	\$ 977.23	\$ 47,109.11
August									
Total pulls	17	13	10	14	13	12	9	6	94
Total tons	44.55	24.18	17.67	46.8	19.69	20	16.59	3.6	193.08
Total ton cost	\$ 10,008.16	\$ 5,432.04	\$ 3,969.57	\$ 10,513.62	\$ 4,423.36	\$ 4,493.00	\$ 3,726.94	\$ 808.74	\$ 43,375.42
September									
Total pulls	14	11	10	13	13	12	8	6	87
Total tons	32.4	17.55	15.75	41.4	18.75	18.6	13.95	3.75	162.15
Total ton cost	\$ 7,278.66	\$ 3,942.61	\$ 3,538.24	\$ 9,300.51	\$ 4,212.19	\$ 4,178.49	\$ 3,133.87	\$ 842.44	\$ 36,427.00
Grand total pulls	49	36	29	41	39	37	26	19	
Grand total tons	128.85	64.38	52.32	139.65	60.19	60.5	47.34	11.7	

Totals 3rd Qtr.	2019	2018	2017	2016	2015
# Bins Pulled	276	292	257	500	480
Tons	564.93	455.25	514.74	459.2	775
Total Billed Q3:	\$ 126,911.52	\$ 118,591.88	\$ 109,217.53	\$ 66,510.38	\$ 35,054.21

Year to Date	2019	2018	2017	2016	2015
# Bins Pulled	472	776	703	1162	1077
Tons	817.05	1221.95	1290.81	1143.5	1633.3
Total Billed TYD	\$ 310,461.81	\$ 285,809.15	\$ 273,884.06	\$ 222,496.67	\$ 227,964.06

*2019 Contracted amount not to exceed \$335,000