

# HHW REPORTER

4TH QUARTER 2019

NEWS AND PARTICIPATION STATS FROM  
THE HOUSEHOLD HAZARDOUS WASTE CENTER

1301 Lamont Avenue  
Kalamazoo, MI 49048  
269.383.8741  
[www.kalcounty.com/hhw](http://www.kalcounty.com/hhw)



## 2020 Expected Closures:

- March 27 (Training)
- July 3 (for 4<sup>th</sup> of July)
- August 8-15 (Youth Fair)
- September 11-12 (Street Rods)
- November 3 (Election Day)
- November 11 (Veteran's Day)
- November 26-27 (Thanksgiving Break)
- December 24, 2020 – January 1, 2021 (Winter Break)

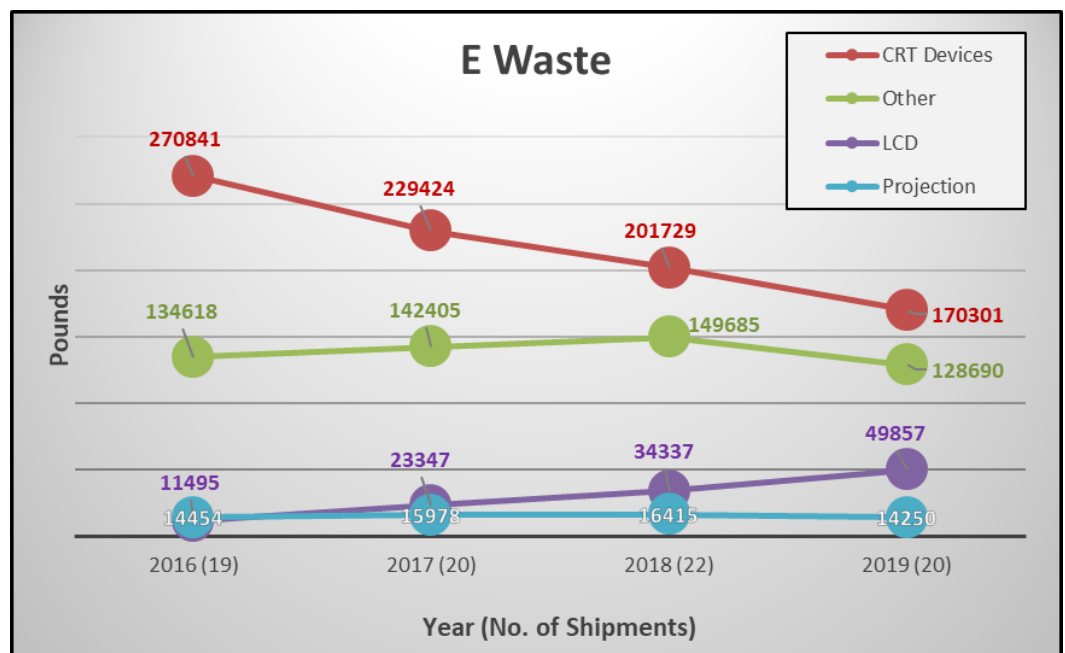
## 2020 SATURDAY COLLECTIONS 8:00am-12:00pm

- January 11
- February 8
- March 14
- April 11
- May 9
- June 13
- July 11
- October 10
- November 14
- December 12

## HHW Center By the Numbers

Year:	2018	2019	Increase
Participants:	13,699	13,862	1%
Chemicals:	335,075	349,856	4%
Electronics:	402,166	363,098	-10%

For four years in a row, there was a drop in the pounds of electronic waste collected. However, we sent about the same number of semi-trailers. The decrease in older heavier CRT TVs (red line) accounts for the decrease in pounds. Flat screens or LCD TVs (purple line) have dramatically increased and are much lighter but take up as much shipping space! How long before these two waste streams cross on the graph?



# 4TH QUARTER HHW CENTER PARTICIPATION

Participation increased **3%** in 2019 over 2018

Municipality	Oct	Nov	Dec	4th Quarter Total
Alamo Township	23	14	0	37
Almena Township	7	10	4	21
Antwerp Township	29	7	9	45
Augusta Village	2	1	2	5
Berrien County	6	6	0	12
Brady Township	17	18	9	44
Charleston Township	8	10	5	23
Climax Township	9	1	0	10
Climax Village	3	1	0	4
Comstock Township	101	70	50	221
Cooper Township	77	6	3	86
Kalamazoo City	277	207	129	613
Kalamazoo Township	98	89	60	247
Oshtemo Township	95	58	33	186
Parchment City	16	2	13	31
Pavilion Township	42	28	18	88
Paw Paw Township	4	4	2	10
Portage City	278	222	147	647
Prairie Ronde Township	13	8	6	27
Richland Township	65	43	33	141
Richland Village	8	7	1	16
Ross Township	26	26	10	62
Schoolcraft Township	23	15	7	45
Schoolcraft Village	4	1	5	10
Texas Township	104	84	40	228
Vicksburg Village	9	8	5	22
Wakeshma Township	11	3	4	18
<b>Subtotal</b>	<b>1,355</b>	<b>949</b>	<b>595</b>	<b>2,899</b>
<b>Regular HHW Paying Customers</b>	<b>43</b>	<b>84</b>	<b>117</b>	<b>244</b>
<b>Electronics Paying Customers</b>	<b>49</b>	<b>29</b>	<b>13</b>	<b>91</b>
<b>Grand Total</b>	<b>1,447</b>	<b>1,062</b>	<b>725</b>	<b>3,234</b>

# 4TH QUARTER RECYCLING COST SHARE

## BILLING PERIOD 10/01/19-12/31/19

CONTRACTOR DISPOSAL COSTS	\$20,487.69
ELECTRONICS RECYCLING	\$6,863.41
<b>TOTAL BILLING</b>	<b>\$27,351.10</b>

MUNICIPALITY	HOUSEHOLD EQUIVALENTS	PERCENT	TOTAL COST
ALAMO TOWNSHIP	37	1.28	\$349.08
ALMENA TOWNSHIP	21	0.72	\$198.13
ANTWERP TOWNSHIP	45	1.55	\$424.56
AUGUSTA VILLAGE	5	0.17	\$47.17
BERRIEN COUNTY	12	0.41	\$113.22
BRADY TOWNSHIP	44	1.52	\$415.13
CHARLESTON TOWNSHIP	23	0.79	\$217.00
CLIMAX TOWNSHIP	10	0.34	\$94.35
CLIMAX VILLAGE	4	0.14	\$37.74
COMSTOCK TOWNSHIP	221	7.62	\$2,085.06
COOPER TOWNSHIP	86	2.97	\$811.38
KALAMAZOO CITY	613	21.15	\$5,783.45
KALAMAZOO TOWNSHIP	247	8.52	\$2,330.36
OSHTEMO TOWNSHIP	186	6.42	\$1,754.85
PARCHMENT CITY	31	1.07	\$292.47
PAVILION TOWNSHIP	88	3.04	\$830.25
PAW PAW TOWNSHIP	10	0.34	\$94.35
PORTAGE CITY	647	22.32	\$6,104.23
PRAIRIE RONDE TOWNSHIP	27	0.93	\$254.74
RICHLAND TOWNSHIP	141	4.86	\$1,330.29
RICHLAND VILLAGE	16	0.55	\$150.95
ROSS TOWNSHIP	62	2.14	\$584.95
SCHOOLCRAFT TOWNSHIP	45	1.55	\$424.56
SCHOOLCRAFT VILLAGE	10	0.34	\$94.35
TEXAS TOWNSHIP	228	7.86	\$2,151.10
VICKSBURG VILLAGE	22	0.76	\$207.56
WAKESHMA TOWNSHIP	18	0.62	\$169.82
<b>TOTAL</b>	<b>2,899</b>	<b>100.00</b>	<b>\$27,351.10</b>

\* THIS IS NOT A BILL - INVOICE WILL BE MAILED OUT AT A LATER DATE \*

**RED MED**

**FREE DISPOSAL**  
www.redmedboxes.com

MEDICATION DISPOSAL KALAMAZOO  
FAST—FREE—SECURE

**60,828**

pounds have been destroyed in the Red Med Boxes since 2011. This invaluable partnership with law enforcement is another way Kalamazoo County works to protect groundwater!

## 4TH QUARTER COLLECTIONS 2019



NUMBER OF HOUSEHOLD EQUIVALENTS	2,899
NUMBER OF SMALL BUSINESS EQUIVALENTS	335
<b>Wastestream</b>	
<b>POUNDS</b>	
ELECTRONICS FROM HOMEOWNERS	87,528
ELECTRONICS FROM SMALL BUSINESSES	4,267
CHEMICAL WASTE FROM HOMEOWNERS *	30,622
CHEMICAL WASTE FROM SMALL BUSINESSES *	11,146
ANTIFREEZE	4,450
COPPER WIRE	1,370
FIRE EXTINGUISHERS	442
INK AND TONER CARTRIDGES	277
OIL FILTERS	560
PESTICIDES	5,661
RECHARGEABLE BATTERIES	7,615
SCRAP METAL	1,203
USED MOTOR OIL	15,240
<b>TOTAL POUNDS COLLECTED</b>	<b>170,381</b>

\* acids, aerosols, ammunition, bases, batteries (alkaline & lithium), cleaners, flammable liquids, flares, fluorescent bulbs, mercury, oil based paint, organic peroxides, oxidizers, PCB ballasts, poisons/toxics, propane cylinders (1 pound only)



### Sorting Chemicals at HHW Takes Time and Experience

Sorting chemicals can be very tricky. At first glance these appear to be identical containers with the same product. However, the one on the left is water based making it a cleaner and the one on the right is solvent based making it flammable (look at the lower right hand corner). These are two different waste streams and they do not get packed together. It takes many hours of training to learn about the variety of chemicals we receive on a daily basis and we continually have to be aware of product and packaging updates and changes.

Kalamazoo County Health & Community Services is committed to providing equitable, culturally competent care to all individuals served, regardless of race, age, sex, color, national origin, religion, height, weight, marital status, political affiliation, sexual orientation, gender identity, or disability.