

HHW REPORTER

2ND QUARTER 2016

NEWS AND PARTICIPATION STATS FROM
THE HOUSEHOLD HAZARDOUS WASTE CENTER

1301 Lamont Avenue
Kalamazoo, MI 49048
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www.kalcounty.com/hhw



✓CHECK IT OUT:
imaginetrash.org

2016 Expected Closures:

August 8-13
(County Fair)

September 9-10
(Street Rods)

November 24-25
(Thanksgiving)

December 23, 2016 -
January 2, 2017
(Winter Break)

REMAINING 2016
SATURDAY
COLLECTIONS
8:00am-12:00pm
July 9
October 8
November 12
December 10

Steps to Improve Solid Waste Management in Michigan

The West Michigan Sustainable Business Forum Waste Task Force recently released a report called [Economic Impact Potential and Characterization of Municipal Solid Waste in Michigan 2016](#) and details the results of five objectives:

- Determine composition of Michigan Municipal Solid Waste (MSW) now being disposed of in landfills and incinerators
- Compare the composition of Michigan's MSW to other Midwest states
- Complete an economic analysis of MSW composition
- Complete an assessment of hazardous waste concerns for electronic materials sent to landfills
- Complete an evaluation of West Michigan composition & local concerns

The enlightening results have a significant connection to the HHW Center in regards to electronic waste (eWaste). It has been assumed that a large amount of valuable eWaste ended up in the landfill due limited take back programs, the costs associated with recycling and the fact that it is legal for residents and some small businesses to throw eWaste away. The percent of eWaste items counted was much lower than expected but still two times higher than other Great Lake States.

The potential of leaching lead and mercury found in old televisions and laptop screens into groundwater does exist although it is unknown to what extent. Lead and mercury are only two of the many known toxic substances found in electronics. There is also the economic aspect: employment and commodity potential of reclaiming precious metals found in eWaste are completely lost when items end up in a landfill.

Michigan is considering following the lead of many other states by proposing a landfill ban on electronics. Because we are fortunate to have the HHW Center in Kalamazoo County, we encourage and support bans on eWaste being put on the curb on junk collection days. In this way our community can take proactive steps to protect our drinking water before it becomes mandatory through state law and reduce the burden on landfills.



2ND QUARTER HHW CENTER PARTICIPATION

Municipality	Apr	May	June	2nd Quarter Total
Alamo Township	14	28	27	69
Almena Township	4	13	13	30
Antwerp Township	4	15	26	45
Augusta Village	1	6	1	8
Berrien County	2	2	6	10
Brady Township	7	8	17	32
Charleston Township	3	8	4	15
Climax Township	4	3	4	11
Climax Village	8	4	2	14
Comstock Township	82	76	114	272
Cooper Township	42	57	50	149
Kalamazoo City	238	271	272	781
Kalamazoo Township	78	98	104	280
Oshtemo Township	119	93	91	303
Parchment City	8	10	12	30
Pavilion Township	33	31	36	100
Paw Paw Township	5	2	2	9
Portage City	216	237	216	669
Prairie Ronde Township	9	8	9	26
Richland Township	41	78	52	171
Richland Village	4	6	7	17
Ross Township	23	26	36	85
Schoolcraft Township	27	27	24	78
Schoolcraft Village	4	19	5	28
Texas Township	54	92	81	227
Vicksburg Village	6	8	5	19
Wakeshma Township	1	1	5	7
Subtotal	1,037	1,227	1,221	3,485
Regular HHW Paying Customers	24	29	66	119
Electronics Paying Customers	86	10	31	127
Grand Total	1,147	1,266	1,318	3,731

2nd Quarter 2016 participation increased 9.4% over 2015!

2ND QUARTER RECYCLING COST SHARE

BILLING PERIOD 4/01/16-6/30/16			
CONTRACTOR DISPOSAL COSTS		\$24,371.45	
ELECTRONICS RECYCLING		\$9,917.75	
TOTAL BILLING		\$34,289.20	
MUNICIPALITY	HOUSEHOLD EQUIVALENTS	PERCENT	TOTAL COST
ALAMO TOWNSHIP	69	1.98	\$678.90
ALMENA TOWNSHIP	30	0.86	\$295.17
ANTWERP TOWNSHIP	45	1.29	\$442.76
AUGUSTA VILLAGE	8	0.23	\$78.71
BERRIEN COUNTY	10	0.29	\$98.39
BRADY TOWNSHIP	32	0.92	\$314.85
CHARLESTON TOWNSHIP	15	0.43	\$147.59
CLIMAX TOWNSHIP	11	0.32	\$108.23
CLIMAX VILLAGE	14	0.40	\$137.75
COMSTOCK TOWNSHIP	272	7.80	\$2,676.23
COOPER TOWNSHIP	149	4.28	\$1,466.02
KALAMAZOO CITY	781	22.41	\$7,684.32
KALAMAZOO TOWNSHIP	280	8.03	\$2,754.94
OSHTEMO TOWNSHIP	303	8.69	\$2,981.24
PARCHMENT CITY	30	0.86	\$295.17
PAVILION TOWNSHIP	100	2.87	\$983.91
PAW PAW TOWNSHIP	9	0.26	\$88.55
PORTAGE CITY	669	19.20	\$6,582.35
PRAIRIE RONDE TOWNSHIP	26	0.75	\$255.82
RICHLAND TOWNSHIP	171	4.91	\$1,682.48
RICHLAND VILLAGE	17	0.49	\$167.26
ROSS TOWNSHIP	85	2.44	\$836.32
SCHOOLCRAFT TOWNSHIP	78	2.24	\$767.45
SCHOOLCRAFT VILLAGE	28	0.80	\$275.49
TEXAS TOWNSHIP	227	6.51	\$2,233.47
VICKSBURG VILLAGE	19	0.55	\$186.94
WAKESHMA TOWNSHIP	7	0.20	\$68.87
TOTAL	3,485	100.00	\$34,289.20

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



2ND QUARTER COLLECTIONS 2016

NUMBER OF HOUSEHOLD EQUIVALENTS	3,485
NUMBER OF SMALL BUSINESS EQUIVALENTS	246



Julie Burkey, HHW Technician

Julie attended the Kalamazoo Nature Center Earth Day Event in April.

Please email us at hhwcenter@kalcounty.com if you have an event you would like us to attend.

ITEM(S)	POUNDS
ELECTRONICS FROM HOMEOWNERS	111,629
ELECTRONICS FROM SMALL BUSINESSES	8,136
CHEMICAL WASTE FROM HOMEOWNERS *	39,719
CHEMICAL WASTE FROM SMALL BUSINESSES *	6,391
ANTIFREEZE	5,800
COPPER WIRE	880
FIRE EXTINGUISHERS	450
INK AND TONER CARTRIDGES	342
OIL FILTERS	560
PESTICIDES	5,045
RECHARGABLE BATTERIES	6,584
SCRAP METAL	7,788
USED MOTOR OIL	23,400
TOTAL POUNDS COLLECTED	216,724

* 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)

Photos of the Quarter



How many pounds can fit on a semi tractor trailer?

About 24,297 *net* pounds of electronic waste (eWaste). There is no sign of slowing down at the HHW Center, especially when it comes to eWaste. Approximately 2,600 pounds are collected every day the HHW Center is open to the public; add another 500 pounds a day for business eWaste collected by appointment.

