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# MEMORANDUM

**TO:** Public Works Committee

**FROM:** David P. Gorman, P.E., Asst. Director of Public Works *DPG*

**SUBJECT:** Waste Management's At Your Door Results for 2019

**DATE:** January 10, 2020

Starting in 2016, the Solid Waste Contract had introduced a new collection program for Household Hazardous Waste (HHW) and hard-to-dispose-of items at no cost to the Village nor to residents. The program is explained at <https://www.villageoflombard.org/329/Household-Hazardous-Waste-Disposal> and <https://www.villageoflombard.org/328/Recycling> (excerpts attached). The program has been advertised using the Pride newsletter, TV-6, press releases, and social media. Staff is providing the Committee with the 2019 annual results as a snapshot of this valuable service to the community.

There were a total of 212 stops in 2019. Each stop is typically one household each, although the Village encourages neighbors to aggregate materials for a combined stop. The post-service survey has shown consistently high customer satisfaction.

<u>Material</u>	<u>Pounds</u>
Chemicals (HHW)	2,299
Electronics (e.g. TVs, computers, miscellaneous)	18,865
Not Classified (e.g. paint, non-hazardous wastes)	4,085
<u>Universal (household batteries &amp; fluorescent lights)</u>	<u>273</u>
Total	25,522
Sent for Recycling	22,581 (88% Recycling Rate)

When the State of Illinois' law banning electronics from landfills went into effect in 2012, the Village had been able to continue electronics collections at the Recycling Extravaganza and, for a couple years, at monthly events. Since then, the portion of the law that had held manufacturers responsible to recycle a proportion of their tonnage has expired, making electronics disposal more difficult. In Lombard, we are fortunate to not only have Waste Management's At Your Door program, but also the York Township Highway Department accepting TVs and monitors from residents (with address verification), and also Goodwill for all other electronics. In order to keep the Township's collection manageable, they have requested that the Village not advertise their service. Rather, we only advise residents when they call or email for guidance.

Please contact me at 630-620-5765 if you have any questions or suggestions.

# HOUSEHOLD HAZARDOUS WASTE DISPOSAL

Hazardous wastes from households are not regulated in the same way as hazardous wastes from industry and businesses simply because the costs and efforts to create and manage an enforcement agency to monitor household hazardous waste materials and their safe disposal would be overwhelming, so the burden becomes an individual and personal responsibility. The US Environmental Protection Agency states that Americans generate 1.6 million tons of [household hazardous waste](#) (HHW) every year, and the average home has accumulated as much as 100 pounds of HHW. Household hazardous waste consists of the unwanted or unusable portion of consumer products that contain substances that can harm human health or the environment.

Lombard is fortunate to be located near a regional collection site. This site is located at:

## Household Hazardous Waste Drop-off

Naperville HHW Facility

156 Fort Hill Drive (*Immediately north of Naperville Public Works at 180 Fort Hill Drive*)

Items are accepted Saturdays & Sundays (except Holidays) 9AM-2PM

## **Waste Management's At Your Door Special Collection**

As an alternative to the HHW site in Naperville, Lombard residents may also utilize Waste Management's At Your Door Special Collection ([click here to see a short video explaining the program](#)). Per the Village's Contract, Waste Management is providing 180 no-cost pick-ups annually for Household Hazardous Waste and other hard-to-dispose-of items, as listed [here](#). Residents make arrangements directly with Waste Management and requests beyond the first 180 within a calendar year are subject to a fee. Scheduling begins each year on January 1st. It is suggested that residents should coordinate with neighbors to combine small volumes into a larger amount for collection. Visit [www.wmatyourdoor.com](http://www.wmatyourdoor.com), email [atyourdoor@wm.com](mailto:atyourdoor@wm.com), or call 800-449-7587 for more information and to request a service.

For residents that have used Waste Management's At Your Door Special Collection, please complete this short [satisfaction survey](#).

Electronics is one of our biggest challenges in environmentally friendly waste disposal. Recycling and proper disposal enables sustainable use of materials and prevents the release of hazardous materials into our environment. Per State of Illinois law, as of January 1, 2012 landfilling of electronics is prohibited. Thus, refuse haulers will not remove electronic devices from properties and property owners must find other avenues to discard these items. The State Statute can be found at <http://www.ilga.gov/legislation/publicacts/95/PDF/095-0959.pdf>.

Unfortunately, the cost of collecting electronics has recently increased to the point of being cost-prohibitive to include in the Village's annual Recycling Extravaganza. This is due to complexities in the State statute regarding manufacturers' responsibilities, recyclers' processing costs, and also commodity market conditions. However, Goodwill's store at 351 E. Roosevelt accepts electronics during business hours for recycling, with exception of CRT televisions and monitors. For CRT televisions and monitors, options are currently limited throughout Illinois. The following private sector options are currently available for electronics recycling.

[AVA Recycling](#) (847) 397-2900

**(Accepts electronics, including CRT monitors and TVs for a fee; pick up service is available)**

21W301 Lake Street, Unit 3, Addison

[Best Buy](#) (630) 620-9040

**(Accepts electronics including monitors and TVs for a fee)**

1432 Butterfield Road, Downers Grove

[Com2 Computers](#) (630) 653-2662

1196 S. Main Street, Lombard

[eWorks](#) (855) 213-8348

**(Accepts electronics, including CRT monitors and TVs for a fee)**

Various locations

[Elgin Recycling](#) (847) 741-4100

**(Accepts electronics including, CRT monitors and TVs for a fee; pick up service is available)**

Various Locations

[Goodwill Industries](#) (630) 576-4650

**(Does not accept tube TVs)**

351 E. Roosevelt Road, Lombard

[Supply-Chain Services Inc.](#) (630) 629-9344

**(Accepts electronics, including CRT monitors and TVs for a fee)**

250 W. North Avenue, Lombard

#### Donate Your Computer

If your computer and accessories, not including inkjet printers, are less than 5 years old and functional, consider donating it to the PRC in Wheaton or Westmont. It will be used for job training and otherwise help someone in need. See

<http://www.peoplesrc.org/donate-food-or-goods> or send an email to [computers@peoplesrc.org](mailto:computers@peoplesrc.org) for more information.

#### Waste Management - At Your Door Collection

In addition, CRTs may be collected along with Household Hazardous Waste through Waste Management's At-Your-Door program. Per the Village's Contract, Waste Management is providing 180 no-cost pick-ups annually for Household Hazardous Waste and hard-to-dispose-of items. Residents make arrangements directly with Waste Management and requests beyond the first 180 within a calendar year are subject to a fee. Scheduling begins each year on January 1st. It is suggested that residents should coordinate with neighbors to combine small volumes into a larger amount for collection. Visit [www.wmatyourdoor.com](http://www.wmatyourdoor.com), email [atyourdoor@wm.com](mailto:atyourdoor@wm.com), or call 800-448-7587 for more information and to request a service.

For residents that have used Waste Management's At Your Door Special Collection, please complete this short [satisfaction survey](#).



## Annual Report

Lombard IL

From 1/1/2019 through 12/31/2019

MATERIAL	QUANTITY	UOM	POUNDS	% of Total
<b>Chemicals</b>	Total		<b>2,298.85</b>	<b>9.01%</b>
Acid Liquid	12	gallons	90.97	0.36%
Antifreeze	23	gallons	140.63	0.55%
Base liquid	1	gallons	5.65	0.02%
Batteries lead acid	545	Pounds	545.00	2.14%
Flammable Liquid	102	gallons	453.90	1.78%
Motor oil	47	gallons	300.80	1.18%
Oxidizer solid	10	Pounds	10.00	0.04%
Paint-oil based	66	gallons	427.02	1.67%
Pesticide liquid	51	gallons	251.79	0.99%
Pesticide solid	37	Pounds	37.00	0.14%
toxic liquid	6	gallons	35.10	0.14%
toxic solid	1	Pounds	1.00	0.00%
<b>Electronics</b>	Total		<b>18,865.17</b>	<b>73.92%</b>
CD/VCR/DVD/tape player	26	Each	175.76	0.69%
Cellphone w/battery	14	Each	6.58	0.03%
Computer-laptop	8	Each	50.32	0.20%
CPU	17	Each	401.54	1.57%
CRT	11	Each	367.73	1.44%
General/Misc.	39	Each	312.00	1.22%
Keyboard	6	Each	10.32	0.04%
Microwave	7	Each	270.27	1.06%
Monitor-flat	9	Each	105.39	0.41%
Mouse	1	Each	.34	0.00%
Printer-desktop	18	Each	252.00	0.99%
Speakers	15	Each	135.30	0.53%
Stereo	4	Each	61.44	0.24%
TV 20 and under	15	Each	518.70	2.03%
TV 21-30	76	Each	5,070.72	19.87%
TV 31 and up	46	Each	6,126.28	24.00%
TV Console	6	Each	1,019.28	3.99%
TV Flat-less than 40	3	Each	64.44	0.25%
TV Flat-more than 40	28	Each	1,507.52	5.91%
TV Projection	17	Each	2,409.24	9.44%

# Annual Report

Lombard IL

From 1/1/2019 through 12/31/2019

MATERIAL	QUANTITY	UOM	POUNDS	% of Total
<b>Not Classified</b>		Total	<b>4,084.50</b>	<b>16.00%</b>
Non RCRA Liquid	97	gallons	525.74	2.06%
Non RCRA Solid	126	Pounds	126.00	0.49%
Paint-Latex	532	gallons	3,420.76	13.40%
Sharps	12	Pounds	12.00	0.05%
<b>Universal</b>		Total	<b>273.20</b>	<b>1.07%</b>
Aerosols	217	Each	138.45	0.54%
Batteries household	78	Pounds	78.00	0.31%
compact fl lamps	117	Each	29.25	0.11%
Fluorescent Tubes St.	220	Foot	27.50	0.11%
<b>Total Pounds Collected</b>			<b>25,521.72</b>	
<b>Total Pounds Sent For Recycling</b>			<b>22,581.43</b>	<b>88.48%</b>

Notes: This report is created from data gathered at the point of collection. Liquid materials are listed as gallons. Solid items are listed as pounds, feet or each. Using standard guidelines, items collected by length, item count, and liquid gallons have been converted into a measurement of pounds. For example, 8.5 lbs. per one gallon of used oil. Weights of solids are taken from the containers. For example, a 10 lb. bag of fertilizer that is half-full would be estimated to be 5 lbs. Paint and other liquids are periodically weighed and the average weight is adjusted in the system. Electronic items are periodically weighed. The average weights used are subject to revision. Weights are not related to nor do they include the weight of outbound shipping containers. The difference between total pounds shipped for recycling and total pounds collected are materials that are not recycled. These materials may be incinerated, neutralized or sent to a landfill. Some acceptable recycling processes can generate residue that is or cannot be recycled for example, contaminants such as trash packed into paint cans.