

Lorain County Solid Waste District

Annual Report 2018



Lorain County Solid Waste Management District is proud to be a Department of the Lorain County Commissioners.



Connect with the District

OUR MISSION

To Implement the Lorain County Solid Waste Management Plan by Educating & Encouraging Recycling Efforts, Waste Reduction, & Litter Prevention in Lorain County.

Contact Us! (440) 329-5440 loraincounty.us/solidwaste

Our office is open:
8:00 AM — 4:30 PM
Monday — Friday

Information available on:
Recycling materials accepted
Trash information
Household hazardous waste

Events and programs
Products from recycled content
School and group presentations
Local solid waste news
Reports and publications
Recycling tips
Composting
"Kids Corner" activities

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FIND US ON FACEBOOK



[facebook.com/LCSolidWaste](https://www.facebook.com/LCSolidWaste)

"Like" us to stay connected and get important up-to-date information about local solid waste and recycling issues!

COMMISSIONERS



LORI KOKOSKI



MATT LUNDY



SHARON SWEDA

POLICY COMMITTEE

Matt Lundy
COMMISSIONER

Joseph Koziura
MAYOR, CITY OF LORAIN

David Covell
HEALTH COMMISSIONER

Dr. David Hintz
CHAIR, PUBLIC REPRESENTATIVE

David Urig
TOWNSHIP REPRESENTATIVE

Barbara Kantola
INDUSTRY REPRESENTATIVE

Heather Adelman
PUBLIC REPRESENTATIVE

DISTRICT STAFF

Beverly Gardner
ADMINISTRATIVE ASSISTANT

Brandi N. Schnell
SOLID WASTE SPECIALIST

Tiffany Barker
SOLID WASTE SPECIALIST

Community Recycling

How much did your community recycle in 2018?

In Lorain County in 2018, 27% of residential & commercial waste was recycled but...75% of trash sent to landfills is still recyclable!

Contact your local service department or township fiscal officer for community-specific information (i.e. bulk item collection or solid waste hauler).



LORAIN COUNTY COMMUNITY	2014 TONS	2015 TONS	2016 TONS	2017 TONS	2018 TONS
Amherst (City)	1,073	1,177	1,072	1,059	946
Amherst Township	434	420	416	409	397
Avon (City)	1,837	1,765	1,719	1,618	1,383
Avon Lake (City)	1,338	1,699	1,709	1,965	1,721
Brighton Township	84	90	67	61	58
Brownhelm Township	117	103	110	113	97
Camden Township	57	65	98	135	150
Carlisle Township	579	635	697	569	503
Columbia Township	508	514	532	495	455
Eaton Township	411	423	409	452	443
Elyria (City)	3,423	2,809	3,044	3,111	2,597
Elyria Township	273	259	255	244	211
Grafton (Village)	283	375	249	255	252
Grafton Township	200	179	179	218	210
Henrietta Township	122	178	192	229	178
Huntington Township	65	62	68	71	67
Kipton (Village)	15	16	18	18	14
LaGrande (Village)	203	173	252	249	253
LaGrande Township	421	296	215	234	189
Lorain (City)	961	647	640	2,369	2,699
N. Ridgeville (City)	2,587	2,376	2,632	2,608	2,406
New Russia Township	248	236	236	238	215
Oberlin (City)	446	842	743	770	959
Penfield Township	136	149	116	115	126
Pittsfield Township	107	95	96	117	113
Rochester (Village)	15	17	13	13	12
Rochester Township	23	31	45	44	41
S. Amherst (Village)	213	248	222	267	220
Sheffield (Village)	300	284	273	276	249
Sheffield Lake (City)	812	744	699	640	498
Sheffield Township	226	229	224	224	243
Vermillion (City)	1,027	1,187	1,043	1,051	809
Wellington (Village)	503	451	390	384	405
Wellington Township	125	126	132	215	230
TOTAL TONS	19,169	18,900	18,805	20,836	19,349

Special Materials

Lorain County Collections Center

540 South Abbe Rd.
Elyria, OH

Mon: 12 PM — 4 PM
Wed: 12 PM — 6 PM
Sat: 9 AM — 3 PM



MATERIALS COLLECTED IN 2018

Scrap Tires	342 Tons
E-Waste.....	226 Tons
HHW	152 Tons
Books and Paper	95 Tons
Cardboard	64 Tons
Bulbs & Ballasts	60 Tons
Latex Paint.....	41 Tons
Rechargeable Batteries.....	18 Tons
Antifreeze	13 Tons
Propane Tanks	2 Tons
Scrap Metal	1 Ton
Used Cooking Oil.....	1 Ton

RESIDENTS

Lorain County residents may drop-off listed materials for **FREE**.

- Household Hazardous Waste
- Electronic waste
- Flourescent lamps & ballasts
- Scrap tires
- Microwaves
- Books (hardback/paperback)
- Residential document shredding
- Mixed residential recycling
 - aluminum & steel cans
 - glass bottles & jars*
 - plastic containers* #1-7
 - cardboard & paper

**(food & beverage containers)*

BUSINESSES

Lorain County businesses may drop-off listed materials for **FREE**.

- Electronic waste
- Flourescent lamps & ballasts
- Books (hardback/paperback)
- Cardboard & paper



Scrap Tire Recycling

More than 431,000 pounds of scrap car and truck tires were collected in the District in 2018 to keep Lorain County a beautiful, safe, and healthy place to live.

TIRE DISPOSAL LOCATIONS

LORAIN COUNTY COLLECTION CENTER*

540 S. Abbe Road, Elyria, Ohio

Mon. 12 PM - 4 PM

Wed. 12 PM - 6 PM

Sat. 9 AM - 3 PM

LORAIN CITY GARAGE*

114 East 35th Street, Lorain, Ohio

Tues. 9 AM - 1 PM

Thurs. 9 AM - 1 PM

GRAFTON TOWNSHIP HALL*

17109 Avon Belden Road, Grafton, Ohio

Tues. 9 AM - 1 PM

Sat. 9 AM - 1 PM

**Residents only*

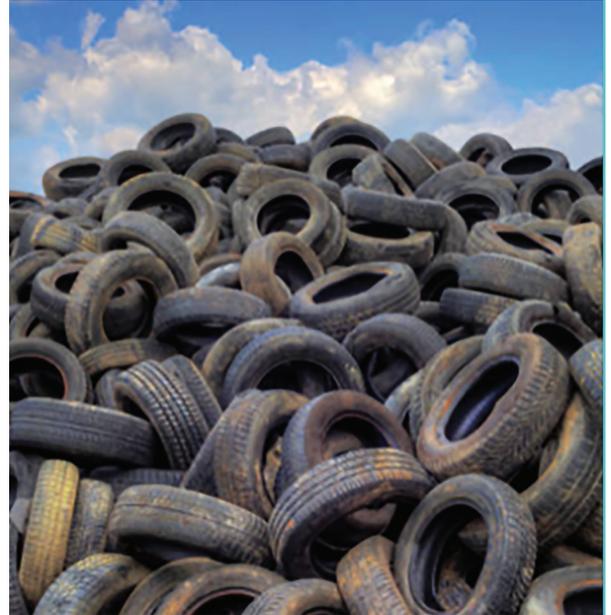
PROPER TIRE MAINTENANCE

1. Use correct tire inflation pressure
2. Inspect tires regularly for uneven wear patterns.
3. Never exceed your vehicles load limits.
4. Be a smart driver!

FARM TIRE COLLECTION EVENT

Lorain County residents who own or operate agricultural equipment could recycle scrap farm tires for free during the 5-hour Farm Tire Collection event, thanks to a generous Ohio EPA grant given to the Solid Waste District.

More than 78 tons of agricultural tires were collected for recycling!



Composting

The District continued the compost education program in 2018 by providing funding to the OSU Agricultural Extension Office to conduct presentations for students and adults on composting and gardening-related topics. The Agricultural Educator participates in regular radio broadcasts, is available at the Lorain County Fair, and provides presentations upon request to discuss composting.

HOME COMPOSTING

Learn the benefits of composting first hand by creating your own compost bin or pile. Compost makes soil loose and dark, helps retain water, fertilizes, and makes plants and gardens grow better. Yard waste and fruit and vegetable scraps are all appropriate materials for home composting. A composting specialist at the Lorain County Office of the OSU Agricultural Extension Service is employed by the District to promote methods of managing organic materials and to give you technical assistance in preparing backyard compost.

Call the OSU Agricultural Extension Office for more details at (440) 326-5851

IN 2018, LORAIN COUNTY COMPOSTED:

33,062 tons of yard waste

839 tons of food waste

43% of all residential & commercial waste

At **12** different composting sites across the county



Mulch your grass clippings as you mow. Leaving the clippings on the lawn provides a great source of nutrients for a healthy lawn.



Participate in the yard waste collection program if offered by your community!

Connecting with the Community | Pride Day

Each year, Lorain County residents take part in this county-wide litter collection and beautification event promoted and sponsored by the District. As part of Keep America Beautiful's Great American Clean Up, we would like to thank the more than 2,000 residents from 24 communities who volunteered their time to make Lorain County a beautiful and safe place we are proud to call "home!"

To be part of Pride Day activities, contact Brandi Schnell at (440) 328-2249 or bschnell@loraincounty.us

BE GREEN SCHOLARSHIP



The scholarship offered through the Lorain County Community College Foundation is funded by the Lorain County Commissioners through the Solid Waste District and awards a \$500 scholarship each year. Students must write an essay on a topic related to recycling, litter prevention, or sustainability. The first scholarship was awarded in 2015.

EVENT BOOTHS

Visiting the District's educational booths at local events and festivals are a great place to ask questions and pick up flyers on topics ranging from recycling to source reduction. We encourage you to stop by next time you see our booth at a community event!

CAB TRAILERS

Communities & organizations can borrow trailers stocked with the essentials for litter clean-up, beautification activities, & community gardens...**For FREE!**

- Lawn mower
- Leaf Blower
- Trimmer
- Assorted Rakes
- Shovels
- Pruners
- Gardening Tools
- Safety Vests
- Safety Cones
- Gloves
- Garbage bags

To request a trailer, contact Tiffany Barker at (440) 328-2368 or tbarker@loraincounty.us



Education and Awareness

The District is committed to promoting the reduction, reusing, and recycling of solid waste through educational programs and outreach efforts.

COLLECTION CENTER TOURS

Adults and students can request a tour at the Lorain County Collection Center to view facility operations and learn about proper hazardous waste disposal. In 2018, District staff provided tours to a variety of groups at the collection center.

STUDENT PRESENTATIONS

Presentations focus on the “three R’s” (reduce, reuse, and recycle), renewable and non-renewable resources, litter prevention, and District programs. Teachers can contact the District to request a presentation for their classroom.

ADULT EDUCATION

Adult groups & organizations are encouraged to request a presentation on solid waste topics. Several presentations during 2018 included both adults & children.

Contact Brandi Schnell to schedule a presentation or tour.
(440) 328-2249 or bschnell@loraincounty.us

LENDING LIBRARY

The District provides a free online lending library to help educators teach students about reducing, reusing, and recycling. Books, DVDs, VHS tapes, as well as activities and worksheets on a variety of recycling-oriented topics are available.

RECYCLING PLEDGE DRIVE

The District held a pledge drive throughout Lorain County schools for America Recycles Day with 71 classrooms and 1,458 students and their teachers who signed pledges to recycle more. In addition, 42 pledges were received at various District events where participants were entered into a drawing to win a rain barrel.



PRIDE DAY T-SHIRT CONTEST

Students competed to design a t-shirt that volunteers wore during the Lorain County Pride Day events in 2018. There were 107 entries.



CALENDAR CONTEST

The District hosted its Annual Calendar Contest. Lorain County K-12 students designed drawings using the “Three R’s” (reduce, reuse, recycle) or a litter prevention theme. 13 winners were selected from 625 entries and received a \$25 reward, a certificate, & multiple calendars to pass out to friends & family.

Business and Industrial Recycling | Free Waste Assessments

A waste assessment is a formal review of operations designed to spotlight opportunities for waste reduction, reuse, or recycling.

The District continues to provide free waste assessments to local businesses and organizations. Strategic plans are provided to businesses and industries that participate in a District waste assessment. These plans outline specific goals and objectives and include a realistic schedule for businesses and industries to implement strategies and recommendations identified throughout the assessment process.

For more information about a free waste assessment, call the District at (440) 329-5440.

BUSINESS RECYCLING

Businesses may request temporary recycling collection containers from the District for special events.

- retail establishments
- non-profit organizations
- business offices

INDUSTRIAL RECYCLING

- Recycling of scrap material from a manufacturing process such as metals and plastics.
- Reuse of materials resulting from the manufacturing process (cardboard, pallets, & packaging materials).

IN 2018, LORAIN COUNTY
BUSINESSES RECYCLED:

74,137 tons of
industrial materials

1,655 tons of paper
from Retriever bins

TOP 5 REASONS TO RECYCLE AT WORK

1. COST SAVINGS

Save money on trash disposal fees. Some recyclable materials actually generate revenue!

2. CORPORATE SOCIAL RESPONSIBILITY

Build loyalty with customers by showing that your company is doing its part to minimize its impact on the planet.

3. EMPLOYEE SATISFACTION

Workplaces that take part in environmentally friendly programs like recycling report higher morale & lower employee turnover.

4. ENVIRONMENTAL BENEFITS

Recycling reduces greenhouse gas emissions, supplies raw materials, prevents water pollution, and saves energy!

5. JOB CREATION

Recycling boosts our economy by creating or sustaining jobs in collection, processing, manufacturing, and reselling. Recycling supports 10 times as many jobs per 10,000 tons of waste than traditional waste disposal.

Protecting the Environment

Environmental Crimes Unit

The Lorain County Solid Waste Management District and Sheriff's Office established the Environmental Crimes Unit (ECU) in 2009 to protect Lorain County residents and the environment. The ECU aims to improve the quality of life for the citizens of Lorain County through education and enforcement.

The ECU responds to complaints about litter, open dumping, and other environmental crimes reported by the general public, local businesses, cities, townships, and county governments, as well as other law enforcement agencies. The ECU also provides the public with information and resources on how to properly dispose of waste.

2018 LORAIN COUNTY ENVIRONMENTAL CRIMES UNIT SUMMARY REPORT NOTES :

- 30** Open dumping incidents/ investigations
- 25** Open burning investigations
- 4** Scrap tire transport violator investigations
- 25** Court cases
- 171** Other Agency assists

LITTERING

- Littering leads to more litter and decreases property values.
- Open dumping invites disease-carrying pests.
- Abandoned tires are a fire hazard.
- Illegal trash burning can contaminate the air and groundwater with dangerous toxins.

REPORT LITTERING, DUMPING OR OTHER ENVIRONMENTAL CRIMES!

ONLINE

- 1) www.loraincountysheriff.com
- 2) Under "Divisions" select "Environmental Crimes Unit"

CALL

- Deputy Daniel Strohsack:
(440) 329-3743
- Deputy Michael Lopez:
(440) 329-3759



SAVING TAX DOLLARS AND NEIGHBORHOODS

The ECU aims to save residents tax money and improve neighborhoods. Areas affected by illegal dumping and litter can be expensive to clean up. The ECU saves residents' tax dollars that would otherwise be spent on costly cleanups.

Once areas affected by illegal dumping are cleaned and offenders are off the streets:

- crime goes down
- property values improve
- families start moving back into previously blighted areas

Financial Support & Market Development | Recycling Revolving Loan

Businesses, organizations, and non-profits that utilize recycled materials may receive financial assistance.

WHY IS THIS IMPORTANT?

Using recycled materials, or closing the loop, is important to ensuring the success of recycling programs, increasing competition, and saving energy and natural resources.

HOW CAN I CLOSE THE LOOP?

Look for the logo on packaging or products. Used alone, the logo means a product is both recyclable and made of recycled material. If the logo is used next to a percentage, the percentage indicates how much of the total product is made from post-consumer recycled materials.



THIS PROGRAM HAS LOCAL EFFECTS!

- Promotes recycling business opportunities
- Provides additional markets for recycled materials
- Retains and creates recycling-related jobs
- Increases the manufacturing capacity for recyclable materials in Lorain County

COMMON PRODUCTS MADE WITH RECYCLED MATERIALS

- **PAPER PRODUCTS:** paper, paper towels, tissues, cardboard
- **CLOTHING** made from recycled cotton or plastic bottles
- **CONSTRUCTION MATERIALS:** recycled glass & steel, cork panels, decking materials
- **AUTOMOBILES:** re-refined oil, mud flaps, retreaded tires, used parts
- **GARDENING SUPPLIES:** hoses, fencing, mulch, and compost

COMMUNITY INCENTIVE GRANT

Communities can utilize funding to improve or maintain curbside recycling for...

- Increasing participation rates
- Education and awareness programs
- Social marketing campaigns
- Improving opportunities for multi-family housing complexes
- Equipment purchases
- Other appropriately targeted activities

In 2018, \$450,000 in grant funding was available to Lorain County cities, townships, and villages!

DISTRICT MARKET DEVELOPMENT GRANT

The District awarded **5 market development grants in 2018 totaling more than \$66,642** to Lorain County non-profit organizations and institutions to purchase products and equipment made from recycled materials!

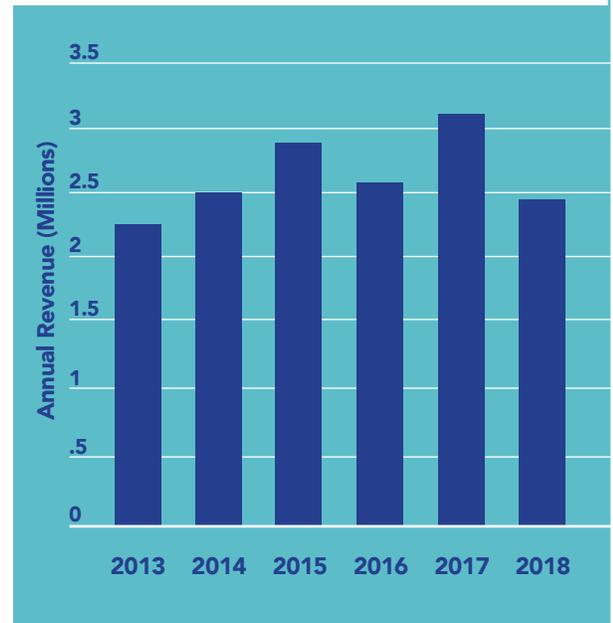
For more information:
Tiffany Barker
440-328-2368
tbarker@loraincounty.us

Fiscal Transparency

Revenue

The District earns revenue through a \$2 disposal fee, which is a charge levied on each ton of waste delivered to the landfill in Lorain County. Unlike many districts in Ohio, Lorain County’s disposal fee is the same for in-District and out-of-District waste.

The District also generates revenue from other sources including a contract with the Republic Services landfill and grants. In 2018, the District received approximately \$2.4 million.



Expenditures

Revenue generated from disposal fees must be used by solid waste districts for specific purposes defined by Ohio law. The District uses these funds mainly to operate programs, implement the Solid Waste Management Plan, and manage facilities. In 2018, the District spent approximately \$2.3 million on improving and operating the solid waste system in Lorain County.

