

# CONTACT INFORMATION

ANNUAL | 2018

Lorain County SWMD

Please update the contact information in this survey at any time during the calendar year so that Ohio EPA has accurate information on file. You only need to "Save" this survey and will not be prompted to "Submit" it.

## CURRENT POLICY COMMITTEE CHAIR/TRUSTEE CHAIR FOR AUTHORITIES

Name: \*

Dr. David Hintz

Date he/she assumed role: \*

01/01/2016

Phone: \*

440-759-7069 *Example: 123-456-7890*

Ext:

Address: \*

1170 E Broad St # 103

Secondary Address:

City: \*

Elyria

State: \*

OH

Zip: \*

44035

Email: \*

davidhintz@yahoo.com

## CURRENT PRESIDENT OF THE BOARD (DISTRICTS ONLY)

Name:

Matt Lundy

Date she/he assumed role:

01/14/2019

Phone:

440-329-5200 *Example: 123-456-7890*

Extension:

Address:

226 Middle Ave.

Secondary Address:

City:

Elyria

State:

OH

Zip:

44035

Email:

mlundy@loraincounty.us

## SWMD COORDINATOR/DIRECTOR

Name: \*

N/A - Position currently vacant

Title: \*

Solid Waste Director

General Phone: \*

440-329-5760 *Example: 123-456-7890*

Ext:

Direct Phone: \*

440-329-5442 *Example: 123-456-7890*

Extension:

Address: \*

226 Middle Ave.

Secondary Address:

City: \*

Elyria

State: \*

OH

Zip: \*

44035

Email: \*

jcordes@loraincounty.us

Web Address: \*

<https://www.loraincounty.us/solidwaste>

## FISCAL CONTACT

Name:

Beverly Gardner

Title:

Administrative Assistant

Phone:

440-328-2248 *Example: 123-456-7890*

Extension:

Email:

bgardner@loraincounty.us

## ALTERNATIVE CONTACTS

**1.**

Name:

Tiffany Barker

Title:

Other

Title: \*

Solid Waste Specialist 2

Phone:

440-328-2368 *Example: 123-456-7890*

Extension:

Email:

tbarker@loraincounty.us

**2.**

Name:

Brandi Schnell

Title:

Other

Title: \*

Solid Waste Specialist 2

Phone:

440-328-2249 *Example: 123-456-7890*

Extension:

Email:

bschnell@loraincounty.us

Please note that you only need to "Save" this survey and will not be prompted to "Submit" it.

Response created on: Mar 4, 2019 at 10:25 AM CST by GT.lorain@gmail.com

Response last updated on: May 21, 2019 at 07:30 AM CDT by GT.lorain@gmail.com

# ANNUAL DISTRICT REPORT - GENERAL INFORMATION

ANNUAL | 2018

Lorain County SWMD

## SOLID WASTE MANAGEMENT DISTRICT (SWMD) CONTACT INFORMATION

Name of person responsible for filling out this report: \*

Molly Kathleen

Title and Organization of person filling out this report: \*

Environmental Planner III/GT Environmental, Inc.

## BASIC SWMD INFORMATION AND NARRATIVE

### Population

Population of SWMD in report year: \*

312,994

Source(s) of population information: \*

Lorain County SWMD 2020-2029 Solid Waste Plan Update: Table C-2, Population Projections

*NOTE: if the SWMD was required to adjust its population in its current Plan, then report the ADJUSTED population for the report year.*

### Highlights and Challenges

Please discuss any highlights, changes, or accomplishments in the report year (record usage, new program, awards, etc...): \*

None.

Please discuss any challenges the District faced in the report year (events, trends, continuing issues, etc...). Please specifically address how these challenges may have impacted recycling activities and/or data: \*

Republic continued to use glass collected from curbside programs and other generators in Lorain County as road base within the footprint of the landfill, so glass collected throughout the county continues to not be creditable. The District also has continued to have issues with data discrepancies in recycling tonnage reported by Republic. Tonnage reported by communities and commercial generators differs significantly from the totals Republic reports to Ohio EPA. Further, the composition of commingled materials that Republic reports to the District seems outdated, despite being updated for 2018 (i.e. high volumes of newsprint and low volumes of cardboard, which do not reflect current nationwide trends in residential recycling programs). Obtaining reliable data from the largest service provider in the County remains an issue.

Considering the calendar year and the remainder of the year yet to come, please discuss anticipated activities or challenges and how the District may address them: \*

A current challenge in the District is that Republic obtained an exemption from Ohio EPA allowing the disposal of source-separated yard waste to be landfilled, despite the county's objections. The District is evaluating options to improve Lorain County's capacity to manage yard waste.

## STUDIES, SUBCOMMITTEES, PILOT PROJECTS, ETC.

Please report on the status of pilot-projects, studies and/or subcommittees in the SWMD's approved Plan.

\* If a study, committee or pilot project has been completed, list the outcome. If a final report was prepared, please provide a copy to Ohio EPA along with this report.

\* If a study, committee or pilot project is in progress, indicate the state of progress and whether the study is on schedule. Describe any milestones achieved to date.

\* If a study was delayed or discontinued, enter a brief explanation of the situation, including a time frame for completion.

Do you have information to report? \*

☐ Yes

☒ No

Upload a file (i.e. a completed study):

## FEES AND FUNDING

SWMD contract with facilities, hauler, etcetera:

If the SWMD has entered into any contracts with facilities, haulers, etc. for the purpose of collecting fees, please briefly describe the fee. For example: a per ton contract fee collected from out-of-state disposal facilities that were negotiated via waste designation or other legal mechanism. If the SWMD has more than six fee types and/or facilities under contract, please describe the general fee structure in the space provided below and then attach a list of fees and/or facilities.

	ENTITY (PARTY TO CONTRACT):	BRIEF DESCRIPTION OF CONTRACT FEE:
1	Republic	\$0.60 for out-of-District waste disposed at the Lorain County Landfill

Attach fee or contract details, facility lists, etc. below:

Funding issues that affected the SWMD's operations during the report year or new issues anticipated to affect the SWMD: \*

None. *This may include declines in recycling commodity prices, facility closures, weather events, unexpected waste streams, etc...*

Notable deviations in revenue and/or expenditures from plan projections: \*

None. *Using information from the District's Quarterly Fee Reports, explain any notable deviations in revenue or expenditures from the current Plan. This creates a stronger narrative for future plan updates and informs as to how budgets are used.*

## REVISIONS AND ADDITIONS TO SWMD RULES

Under Section 343.01(G) of the Ohio Revised Code, SWMDs have the authority to adopt rules after final Plan approval, provided the approved Plan authorizes the SWMD to do so. Please attach one copy of all final rules adopted and/or modified by the SWMD during the report year [OAC 3745-27-90 (F)(5)].

Do you have a copy of all final rules adopted and/or modified by the SWMD during the report year [OAC 3745-27-90 (F)(5)] to attach? \*

☐ Yes

☒ No

Response created on: Mar 4, 2019 at 10:37 AM CST by GT.lorain@gmail.com

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# ANNUAL DISTRICT REPORT - SWMD WASTE REDUCED AND RECYCLED - RESIDENTIAL/COMMERCIAL/INDUSTRIAL

ANNUAL | 2018

Lorain County SWMD

Instructions on how to fill out this section of the Report can be found [here](#).

## Projected SWMD Materials Recycled and Reduced

Projected Recycling for the report year (in tons) from current Solid Waste Management Plan (Plan):

Residential/Commercial Tons: \*

81,593.00

Industrial Tons: \*

92,415.00

Total Projected Tons: \*

174,008.00

After filling in the table below, please provide analysis regarding why actual diversion in the report year(recycling and composting) may be different than projected diversion from the SWMD's current Plan. \*

Actual residential/commercial sector totals are slightly lower than projected in the plan. The District suspects that the main cause of the reported decrease is related to inconsistent and inaccurate reporting by one of the largest service providers in Lorain County. Actual industrial sector tonnage is lower than projected values in the Plan. This is mainly due to one high-volume industry that increases or decreases their production lines (and therefore, the amount of recycling generated) based on oil and gas markets, which can be significant from year to year.

## Residential/Commercial and Industrial Materials Recycled and Reduced

RECYCLABLE CATEGORIES	RESIDENTIAL/COMMERCIAL:	EXPLANATIONS	INDUSTRIAL:	EXPLANATIONS
Appliances / White Goods	6.09	An HVAC dealer reported a significant decrease in appliance recycling due to a reduced volume of business.		
Household Hazardous Waste	207.60			
Used Motor Oil	155.59			

Electronics	262.27			
Scrap Tires	2,646.64			
Dry Cell Batteries	9.21			
Lead-Acid Batteries	9.14			
Food	865.32		0.00	
Glass	289.56		26.82	
Ferrous Metals	4,961.61		39,564.82	A major steel manufacturer reported a decrease of approximately 36,000 tons. The District attempted to reach this manufacturer several times to confirm the total and inquire about operational changes that may have led to the decrease, but they were unavailable for comment. The District believes the reported total may be correct, as this company produces equipment for the oil and gas industry and has reported significant increases and decreases in the past. As oil and gas prices fluctuate, this company is known to shut down or add production lines based on market conditions.
Non-Ferrous Metals	1,742.11		1,375.20	
Corrugated Cardboard	11,281.40		8,683.38	



All Other Paper	12,408.08	The U.S.P.S. reported a 600 tons decrease and Republic reported a 10,000 ton decrease (despite doing similar volumes of business compared to the previous year) The accuracy of Republic's reported totals remains a challenge for the District's planning purposes.	1,692.34	Paper volumes increased due to obtaining a recycling report for a large manufacturer that has not responded in the past.
Plastics	3,633.56		245.44	
Textiles	846.91		0.00	
Wood	3,981.11		3,664.11	
Rubber	0.00			
Commingled Recyclables	2,076.85		1,765.26	
Yard Waste	33,062.48			
Ash (recycled ash only)				
Non-Excluded Foundry Sand			16,125.36	
Flue Gas Desulfurization Waste				
Other	516.90	Other materials from big box stores reported on Ohio EPA's MRF Report and styrofoam recycling	4.94	Ink/toner cartridges and powder coatings
Other	257.10	Aseptic containers	456.00	Steel slag
Other	0.80	Ink cartridges	19.92	Graphite and zinc
Other	6.57	Air bags	6.58	Acrylic, polycarbonate, PVC, and urethane
Other			506.58	Scrap medical equipment
Other				

Recycling Subtotals	79,226.90		74,136.75	
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RECYCLABLE CATEGORIES	RESIDENTIAL/COMMERCIAL:	EXPLANATIONS	INDUSTRIAL:	EXPLANATIONS
Source Reduction				
Incineration				
Subtotal				

## Residential/Commercial and Industrial Materials Recycled and Reduced - Grand Totals

Residential/Commercial Grand Total Tons: \*  
79,226.90

Industrial Grand Total Tons: \*  
74,136.75

## Source(s) of Data Reported

Survey of recycled material brokers, processors, or scrap dealers \*

☒ Yes ☐ No

Calendar Year(s) \*

2018, 2017, 2016

Survey of recycling collection programs or activities \*

☒ Yes ☐ No

Calendar Year(s) \*

2018

Survey of industries \*

☒ Yes ☐ No

Calendar Year(s) \*

2018, 2017, 2016

Ohio EPA reports (composting, scrap tires, MRF) \*

☒ Yes ☐ No

Other: \*

☒ Yes ☐ No

Please specify other: \*

Survey of communities and commercial sector generators: 2018, 2017, 2016

If generator data from a survey conducted prior to the report year were used in filling out the recycling figures in the table above, then the District should have verified the current status of the generator(s) during the report year.

Indicate the method(s) used to verify the current status of any generators whose data from a survey prior to the report year were used (if applicable):

☒ Phone

☒ Web

☐ Business Directory

☐ Other Method

## Conversion Factors Used

Ohio EPA recommends using U.S. EPA's "Volume-to-Weight Conversion Factors for Solid Waste" document [found here](#).

If other conversion factors, calculations, or methodologies are used, please describe them here or provide a link to the relevant website:

None.

Ohio EPA Comments:

Response created on: Mar 4, 2019 at 10:42 AM CST by GT.lorain@gmail.com

Response last updated on: May 24, 2019 at 01:45 PM CDT by GT.lorain@gmail.com

# ANNUAL DISTRICT REPORT - OUT-OF-STATE WASTE DISPOSAL

ANNUAL | 2018

Lorain County SWMD

## Instructions:

Ohio EPA collects out-of-state waste data from environmental agencies in adjacent states each year. However, some solid waste management districts have contracts with out-of-state facilities or otherwise collect additional information on waste sent out-of-state. This additional data can improve Ohio EPA’s reporting of out-of-state waste flows.

If your district collects information on waste sent out-of-state, please provide it in the table below. Please provide a “net” total of solid waste disposed out-of-state. For example, waste that went through an out-of-state transfer station and was then disposed in an out-of-state landfill should be adjusted to eliminate double counting. If the SWMD knows of out-of-state facilities which accepted waste from the SWMD but you do not know the amount, please list the name(s) of the facility(ies) and leave the remaining columns blank.

### Amount of SWMD Solid Waste Disposed by Type of Waste (tons)

For optimal data entry please use the "tab" key to quickly move from cell to cell. If you happen to hit enter it will automatically save the form.

	OUT-OF-STATE FACILITY NAME:	STATE:	MUNICIPAL SOLID WASTE:	INDUSTRIAL SOLID WASTE:	EXCLUDED WASTE	OTHER:	TOTAL TONS:
1	Advanced Waste Services of Indiana LLC	Indiana (IN)				317.33	317.33
2	EQ Industrial Services Processing Facility	Indiana (IN)				0.04	0.04
3	Indianapolis Resource Recovery Facility	Indiana (IN)				546.19	546.19

4	Med assure Of Indian a Treat ment Facilit y	Indiana (IN)	3.71				3.71
5	Ster icycle Specia lty Waste Soluti ons, Inc.	Indiana (IN)				0.05	0.05
6	Vex or Energy of Indian a LLC	Indiana (IN)				22.4 6	22.4 6
7		-Select-					
8		-Select-					
9		-Select-					
10		-Select-					
Tonnage Totals			3.71			886.07	889.7 8

Indicate the source of information for the information above (e.g. contract fees; facility surveys, name of state agency, etc.) Please report all amounts in tons. If conversion factors were used, then please list them below. The space below can also be used for any other information related to your out-of-state waste figures.

Source: Indiana Department of Environmental Management (IDEM): 2018 Complete Solid Waste Quarterly Report Database. Tonnage entered in the 'Other' column indicates tonnage classified by IDEM as 'Other Non-Municipal' tonnage.

Response created on: May 16, 2019 at 05:30 PM CDT by GT.lorain@gmail.com

Response last updated on: May 16, 2019 at 05:30 PM CDT by GT.lorain@gmail.com

# SINGLE / MULTI-COUNTY SURVEY

ANNUAL | 2018

Lorain County SWMD

Please identify if you are a single or multi county district:

- ☒ Single County
- ☐ Multi County

Response created on: Mar 4, 2019 at 12:01 PM CST by matthew.hittle@epa.ohio.gov

Response last updated on: Mar 4, 2019 at 12:06 PM CST by matthew.hittle@epa.ohio.gov

# CURBSIDE - SINGLE COUNTY

SWMD ANNUAL ADR SUBMITTAL | 2018

Lorain County SWMD

Please click [here](#) to download instructions.

County:

Lorain

	COMMUNITY:	HOUSEHOLDS SERVED	PROGRAM TYPE	RECYCLING CONTAINER TYPE	VOLUME-BASED BILLING DISPOSAL	TONS	COMMENTS
1	Amherst City	12,021	<input checked="" type="radio"/> Automatic (non-subscription) <input type="radio"/> Opt-in (subscription)	<input checked="" type="radio"/> Wheeled Carts <input type="radio"/> Tote / bins <input type="radio"/> Bags <input type="radio"/> Other	<input checked="" type="radio"/> None <input type="radio"/> Wheeled Carts <input type="radio"/> Bags <input type="radio"/> Stickers <input type="radio"/> Multiple Options	946	This non-subscription curbside program collected 945.53 tons in 2018 (including glass). This was a decrease of 114 tons, or 10.7% since 2017. This community does not have a contract for recycling collection services, but Republic provides non-subscription curbside recycling and recycling bins for no charge, regardless of whether residents select another hauler for waste collection services.

2	Amherst Township	5,728	<input checked="" type="radio"/> Automatic (non-subscription)  <input type="radio"/> Opt-in (subscription)	<input checked="" type="radio"/> Wheeled Carts  <input type="radio"/> Tote / bins  <input type="radio"/> Bags  <input type="radio"/> Other	<input type="radio"/> None  <input checked="" type="radio"/> Wheeled Carts  <input type="radio"/> Bags  <input type="radio"/> Stickers  <input type="radio"/> Multiple Options	397	<p>This non-subscription volume-based curbside program collected 397.06 tons in 2018. This was a decrease of 12 tons, or 2.9% since 2017. This community, which participated in the District's 2013 consortium for waste and recycling services, continued its contract with Rumpke.</p>
3	Avon City	21,193	<input checked="" type="radio"/> Automatic (non-subscription)  <input type="radio"/> Opt-in (subscription)	<input checked="" type="radio"/> Wheeled Carts  <input type="radio"/> Tote / bins  <input type="radio"/> Bags  <input type="radio"/> Other	<input type="radio"/> None  <input checked="" type="radio"/> Wheeled Carts  <input type="radio"/> Bags  <input type="radio"/> Stickers  <input type="radio"/> Multiple Options	1,383	<p>This non-subscription volume-based curbside program collected 1,383.21 tons in 2018 (including glass). This was a decrease of 235 tons, or 14.5% since 2017. This community does not have a contract for recycling collection services, but Republic provides non-subscription curbside recycling and recycling bins for no charge, regardless of whether residents select another hauler for waste collection services.</p>



4	Avon Lake City	22,581	<input checked="" type="radio"/> Automatic (non-subscription)  <input type="radio"/> Opt-in (subscription)	<input checked="" type="radio"/> Wheeled Carts  <input type="radio"/> Tote / bins  <input type="radio"/> Bags  <input type="radio"/> Other	<input type="radio"/> None  <input checked="" type="radio"/> Wheeled Carts  <input type="radio"/> Bags  <input type="radio"/> Stickers  <input type="radio"/> Multiple Options	1,721	<p>This non-subscription volume-based curbside program collected 1,721 tons in 2018 (including glass). This was a decrease of 243 tons, or 12.4% since 2017. This community was in contract with Republic for waste and recycling collection services during 2018. Republic performed as one of the Lorain County Consortium haulers.</p>
5	Brighton Township	915	<input checked="" type="radio"/> Automatic (non-subscription)  <input type="radio"/> Opt-in (subscription)	<input checked="" type="radio"/> Wheeled Carts  <input type="radio"/> Tote / bins  <input type="radio"/> Bags  <input type="radio"/> Other	<input type="radio"/> None  <input checked="" type="radio"/> Wheeled Carts  <input type="radio"/> Bags  <input type="radio"/> Stickers  <input type="radio"/> Multiple Options	58	<p>This non-subscription volume-based curbside program collected 58 tons in 2018. This was a decrease of 3 tons, or 5.2% since 2017. This community, which participated in the District's 2013 consortium for waste and recycling services, continued its contract with Rumpke.</p>

6	Brownhelm Township	1,766	<input checked="" type="radio"/> Automatic (non-subscription)  <input type="radio"/> Opt-in (subscription)	<input checked="" type="radio"/> Wheeled Carts  <input type="radio"/> Tote / bins  <input type="radio"/> Bags  <input type="radio"/> Other	<input type="radio"/> None  <input checked="" type="radio"/> Wheeled Carts  <input type="radio"/> Bags  <input type="radio"/> Stickers  <input type="radio"/> Multiple Options	97	<p>This non-subscription volume-based curbside program collected 97 tons in 2018 (including glass). This was a decrease of 15 tons, or 13.7% since 2017. This community does not have a contract for recycling collection services, but Republic provides non-subscription curbside recycling and recycling bins for no charge, regardless of whether residents select another hauler for waste collection services.</p>
7	Camden Township	1,424	<input checked="" type="radio"/> Automatic (non-subscription)  <input type="radio"/> Opt-in (subscription)	<input checked="" type="radio"/> Wheeled Carts  <input type="radio"/> Tote / bins  <input type="radio"/> Bags  <input type="radio"/> Other	<input type="radio"/> None  <input checked="" type="radio"/> Wheeled Carts  <input type="radio"/> Bags  <input type="radio"/> Stickers  <input type="radio"/> Multiple Options	150	<p>This non-subscription volume-based curbside program collected 150 tons in 2018 (including glass). This was an increase of 14 tons, or 10.6% since 2017. This community does not have a contract for recycling collection services, but Republic provides non-subscription curbside recycling and recycling bins for no charge, regardless of whether residents select another hauler for waste collection services.</p>

8	Carlisle Township	7,500	<input checked="" type="radio"/> Automatic (non-subscription)  <input type="radio"/> Opt-in (subscription)	<input checked="" type="radio"/> Wheeled Carts  <input type="radio"/> Tote / bins  <input type="radio"/> Bags  <input type="radio"/> Other	<input type="radio"/> None  <input checked="" type="radio"/> Wheeled Carts  <input type="radio"/> Bags  <input type="radio"/> Stickers  <input type="radio"/> Multiple Options	503	<p>This non-subscription volume-based curbside program collected 503 tons in 2018 (including glass). This was a decrease of 66 tons, or 11.5% since 2017. The MOU between and Republic has not been renewed. This community does not have a contract for recycling collection services, but Republic provides non-subscription curbside recycling and recycling bins for no charge, regardless of whether residents select another hauler for waste collection services.</p>
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9	Columbia Township	7,040	<input checked="" type="radio"/> Automatic (non-subscription)  <input type="radio"/> Opt-in (subscription)	<input checked="" type="radio"/> Wheeled Carts  <input type="radio"/> Tote / bins  <input type="radio"/> Bags  <input type="radio"/> Other	<input type="radio"/> None  <input checked="" type="radio"/> Wheeled Carts  <input type="radio"/> Bags  <input type="radio"/> Stickers  <input type="radio"/> Multiple Options	455	<p>This non-subscription volume-based curbside program collected 455 tons in 2018 (including glass). This was a decrease of 40 tons, or 8.1% since 2017. This community does not have a contract for recycling collection services, but Republic and Rumpke provide non-subscription curbside recycling and recycling bins for no charge, regardless of whether residents select another hauler for waste collection services.</p>
10	Eaton Township	5,750	<input checked="" type="radio"/> Automatic (non-subscription)  <input type="radio"/> Opt-in (subscription)	<input checked="" type="radio"/> Wheeled Carts  <input type="radio"/> Tote / bins  <input type="radio"/> Bags  <input type="radio"/> Other	<input type="radio"/> None  <input checked="" type="radio"/> Wheeled Carts  <input type="radio"/> Bags  <input type="radio"/> Stickers  <input type="radio"/> Multiple Options	443	<p>This non-subscription volume-based curbside program collected 443 tons in 2018. This was a decrease of 9 tons, or 2% since 2017. This community, which participated in the District's 2013 consortium for waste and recycling services, continued its contract with Rumpke.</p>

11	Elyria City	54,533	<input checked="" type="radio"/> Automatic (non-subscription)  <input type="radio"/> Opt-in (subscription)	<input checked="" type="radio"/> Wheeled Carts  <input type="radio"/> Tote / bins  <input type="radio"/> Bags  <input type="radio"/> Other	<input type="radio"/> None  <input checked="" type="radio"/> Wheeled Carts  <input type="radio"/> Bags  <input type="radio"/> Stickers  <input type="radio"/> Multiple Options	2,597	<p>This non-subscription volume-based curbside program collected 2,597 tons in 2018 (including glass). This was a decrease of 514 tons, or 16.5% since 2017. The City of Elyria's collection crew provides service to residents.</p>
12	Elyria Township	3,266	<input checked="" type="radio"/> Automatic (non-subscription)  <input type="radio"/> Opt-in (subscription)	<input checked="" type="radio"/> Wheeled Carts  <input type="radio"/> Tote / bins  <input type="radio"/> Bags  <input type="radio"/> Other	<input type="radio"/> None  <input checked="" type="radio"/> Wheeled Carts  <input type="radio"/> Bags  <input type="radio"/> Stickers  <input type="radio"/> Multiple Options	211	<p>This non-subscription volume-based curbside program collected 211 tons in 2018 (including glass). This was a decrease of 33 tons, or 13.5% since 2017. This community does not have a contract for recycling collection services, but Republic provides non-subscription curbside recycling and recycling bins for no charge, regardless of whether residents select another hauler for waste collection services. In late 2018, this community joined the District's consortium and will be serviced by Rumpke starting April 1 2019.</p>

13	Grafton Township	2,833	<input checked="" type="radio"/> Automatic (non-subscription)  <input type="radio"/> Opt-in (subscription)	<input checked="" type="radio"/> Wheeled Carts  <input type="radio"/> Tote / bins  <input type="radio"/> Bags  <input type="radio"/> Other	<input type="radio"/> None  <input checked="" type="radio"/> Wheeled Carts  <input type="radio"/> Bags  <input type="radio"/> Stickers  <input type="radio"/> Multiple Options	210	<p>This non-subscription volume-based curbside program collected 210 tons in 2018. This was a decrease in 9 tons, or 4% since 2017. This community, which participated in the District's 2013 consortium for waste and recycling services, continued its contract with Rumpke.</p>
14	Grafton Village	6,636	<input checked="" type="radio"/> Automatic (non-subscription)  <input type="radio"/> Opt-in (subscription)	<input checked="" type="radio"/> Wheeled Carts  <input type="radio"/> Tote / bins  <input type="radio"/> Bags  <input type="radio"/> Other	<input type="radio"/> None  <input checked="" type="radio"/> Wheeled Carts  <input type="radio"/> Bags  <input type="radio"/> Stickers  <input type="radio"/> Multiple Options	252	<p>This non-subscription volume-based curbside program collected 252 tons in 2018 (including glass). This was a decrease of 2 tons, or 1% since 2017. This community was in contract with Republic for waste and recycling collection services during 2018.</p>

15	Henrietta Township	1,861	<input checked="" type="radio"/> Automatic (non-subscription)  <input type="radio"/> Opt-in (subscription)	<input checked="" type="radio"/> Wheeled Carts  <input type="radio"/> Tote / bins  <input type="radio"/> Bags  <input type="radio"/> Other	<input type="radio"/> None  <input checked="" type="radio"/> Wheeled Carts  <input type="radio"/> Bags  <input type="radio"/> Stickers  <input type="radio"/> Multiple Options	178	<p>This non-subscription volume-based curbside program collected 178 tons in 2018 (including glass). This was a decrease of 52 tons, or 22.5% since 2017. This community does not have a contract for recycling collection services, but Republic provides non-subscription curbside recycling and recycling bins for no charge, regardless of whether residents select another hauler for waste collection services.</p>
16	Huntington Township	1,341	<input checked="" type="radio"/> Automatic (non-subscription)  <input type="radio"/> Opt-in (subscription)	<input checked="" type="radio"/> Wheeled Carts  <input type="radio"/> Tote / bins  <input type="radio"/> Bags  <input type="radio"/> Other	<input type="radio"/> None  <input checked="" type="radio"/> Wheeled Carts  <input type="radio"/> Bags  <input type="radio"/> Stickers  <input type="radio"/> Multiple Options	67	<p>This non-subscription volume-based curbside program collected 67 tons in 2018. This was a decrease of 3 tons, or 4.6% since 2017. This community, which participated in the District's 2013 consortium for waste and recycling services, continued its contract with Rumpke.</p>

17	Kipton Village	243	<input checked="" type="radio"/> Automatic (non-subscription)  <input type="radio"/> Opt-in (subscription)	<input checked="" type="radio"/> Wheeled Carts  <input type="radio"/> Tote / bins  <input type="radio"/> Bags  <input type="radio"/> Other	<input type="radio"/> None  <input checked="" type="radio"/> Wheeled Carts  <input type="radio"/> Bags  <input type="radio"/> Stickers  <input type="radio"/> Multiple Options	14	<p>This non-subscription volume-based curbside program collected 14 tons in 2018 (including glass). This was a decrease of 5 tons or 24.8% since 2017. This community does not have a contract for recycling collection services, but Republic provides non-subscription curbside recycling and recycling bins for no charge, regardless of whether residents select another hauler for waste collection services.</p>
18	LaGrange Township	4,061	<input checked="" type="radio"/> Automatic (non-subscription)  <input type="radio"/> Opt-in (subscription)	<input checked="" type="radio"/> Wheeled Carts  <input type="radio"/> Tote / bins  <input type="radio"/> Bags  <input type="radio"/> Other	<input type="radio"/> None  <input checked="" type="radio"/> Wheeled Carts  <input type="radio"/> Bags  <input type="radio"/> Stickers  <input type="radio"/> Multiple Options	189	<p>This non-subscription volume-based curbside program collected 189 tons in 2018 (including glass). This was a decrease of 45 tons, or 19.2% since 2017. This community does not have a contract for recycling collection services, but Republic provides non-subscription curbside recycling and recycling bins for no charge, regardless of whether residents select another hauler for waste collection services.</p>



19	LaGrange Village	2,103	<input checked="" type="radio"/> Automatic (non-subscription)  <input type="radio"/> Opt-in (subscription)	<input checked="" type="radio"/> Wheeled Carts  <input type="radio"/> Tote / bins  <input type="radio"/> Bags  <input type="radio"/> Other	<input type="radio"/> None  <input checked="" type="radio"/> Wheeled Carts  <input type="radio"/> Bags  <input type="radio"/> Stickers  <input type="radio"/> Multiple Options	253	This non-subscription volume-based curbside program collected 253 tons in 2018 (including glass). This was an increase of 3 tons, or 1% since 2017. This community was in contract with Republic for waste and recycling collection services during 2018.
20	Lorain City	64,097	<input checked="" type="radio"/> Automatic (non-subscription)  <input type="radio"/> Opt-in (subscription)	<input checked="" type="radio"/> Wheeled Carts  <input type="radio"/> Tote / bins  <input type="radio"/> Bags  <input type="radio"/> Other	<input type="radio"/> None  <input checked="" type="radio"/> Wheeled Carts  <input type="radio"/> Bags  <input type="radio"/> Stickers  <input type="radio"/> Multiple Options	2,699	This non-subscription volume-based curbside program collected 2,699 tons in 2018 (including glass). This was an increase of 330 tons, or 14% since 2017. This community was in contract with Republic for waste and recycling collection services during 2018.
21	New Russia Township	1,943	<input checked="" type="radio"/> Automatic (non-subscription)  <input type="radio"/> Opt-in (subscription)	<input checked="" type="radio"/> Wheeled Carts  <input type="radio"/> Tote / bins  <input type="radio"/> Bags  <input type="radio"/> Other	<input type="radio"/> None  <input checked="" type="radio"/> Wheeled Carts  <input type="radio"/> Bags  <input type="radio"/> Stickers  <input type="radio"/> Multiple Options	215	This non-subscription volume-based curbside program collected 215 tons in 2018 (including glass). This was a decrease of 23 tons, or 9% since 2017. This community was apart of a host Community Agreement for waste and recycling collection services during 2018.

22	North Ridgeville City	29,465	<input checked="" type="radio"/> Automatic (non-subscription)  <input type="radio"/> Opt-in (subscription)	<input checked="" type="radio"/> Wheeled Carts  <input type="radio"/> Tote / bins  <input type="radio"/> Bags  <input type="radio"/> Other	<input type="radio"/> None  <input checked="" type="radio"/> Wheeled Carts  <input type="radio"/> Bags  <input type="radio"/> Stickers  <input type="radio"/> Multiple Options	2,406	This non-subscription curbside program collected 2,406 tons in 2018 (including glass). This was a decrease of 202 tons, or 8% since 2017. This community was in contract with Republic for waste and recycling collection services during 2018.
23	Oberlin City	8,286	<input checked="" type="radio"/> Automatic (non-subscription)  <input type="radio"/> Opt-in (subscription)	<input checked="" type="radio"/> Wheeled Carts  <input type="radio"/> Tote / bins  <input type="radio"/> Bags  <input type="radio"/> Other	<input type="radio"/> None  <input checked="" type="radio"/> Wheeled Carts  <input type="radio"/> Bags  <input type="radio"/> Stickers  <input type="radio"/> Multiple Options	959	<p>This non-subscription volume-based curbside program collected 959 tons in 2018 (including glass). This was an increase of 189 tons, or 24.5% since 2017.</p> <p>Collection service is performed by the City of Oberlin's collection crew. Oberlin uses only 64-gallon carts for trash while most others in Lorain use 96-gallon.</p>
24	Penfield Township	1,789	<input checked="" type="radio"/> Automatic (non-subscription)  <input type="radio"/> Opt-in (subscription)	<input checked="" type="radio"/> Wheeled Carts  <input type="radio"/> Tote / bins  <input type="radio"/> Bags  <input type="radio"/> Other	<input type="radio"/> None  <input checked="" type="radio"/> Wheeled Carts  <input type="radio"/> Bags  <input type="radio"/> Stickers  <input type="radio"/> Multiple Options	126	<p>This non-subscription volume-based curbside program collected 126 tons in 2018. This was an increase of 11 tons, or 9.1% since 2017. This community, which participated in the District's 2013 consortium for waste and recycling services, continued its contract with Rumpke.</p>

25	Pittsfield Township	1,581	<input checked="" type="radio"/> Automatic (non-subscription)  <input type="radio"/> Opt-in (subscription)	<input checked="" type="radio"/> Wheeled Carts  <input type="radio"/> Tote / bins  <input type="radio"/> Bags  <input type="radio"/> Other	<input type="radio"/> None  <input checked="" type="radio"/> Wheeled Carts  <input type="radio"/> Bags  <input type="radio"/> Stickers  <input type="radio"/> Multiple Options	113	<p>This non-subscription volume-based curbside program collected 112.8 tons in 2018. This was a decrease of 5 tons, or 4% since 2017. This community, which participated in the District's 2013 consortium for waste and recycling services, continued its contract with Rumpke.</p>
26	Rochester Township	617	<input checked="" type="radio"/> Automatic (non-subscription)  <input type="radio"/> Opt-in (subscription)	<input checked="" type="radio"/> Wheeled Carts  <input type="radio"/> Tote / bins  <input type="radio"/> Bags  <input type="radio"/> Other	<input type="radio"/> None  <input checked="" type="radio"/> Wheeled Carts  <input type="radio"/> Bags  <input type="radio"/> Stickers  <input type="radio"/> Multiple Options	41	<p>This non-subscription volume-based curbside program collected 41 tons in 2018. This was a decrease of 5 tons, or 2% since 2017. This community, which participated in the District's 2013 consortium for waste and recycling services, continued its contract with Rumpke.</p>

27	Rochester Village	182	<input checked="" type="radio"/> Automatic (non-subscription) <input type="radio"/> Opt-in (subscription)	<input checked="" type="radio"/> Wheeled Carts <input type="radio"/> Tote / bins <input type="radio"/> Bags <input type="radio"/> Other	<input type="radio"/> None <input checked="" type="radio"/> Wheeled Carts <input type="radio"/> Bags <input type="radio"/> Stickers <input type="radio"/> Multiple Options	12	<p>This non-subscription volume-based curbside program collected 12 tons in 2018, which is a decrease of 1 ton or 5.1% since 2017. This community, which participated in the District's 2013 consortium for waste and recycling services, continued its contract with Rumpke.</p>
28	Sheffield Lake City	9,137	<input checked="" type="radio"/> Automatic (non-subscription) <input type="radio"/> Opt-in (subscription)	<input checked="" type="radio"/> Wheeled Carts <input type="radio"/> Tote / bins <input type="radio"/> Bags <input type="radio"/> Other	<input type="radio"/> None <input checked="" type="radio"/> Wheeled Carts <input type="radio"/> Bags <input type="radio"/> Stickers <input type="radio"/> Multiple Options	498	<p>This non-subscription volume-based curbside program collected 498 tons in 2018 (including glass). This was a decrease of 142 tons, or 22.2% since 2017. This community was in contract with Republic for waste and recycling collection services during 2018.</p>
29	Sheffield Township	3,720	<input checked="" type="radio"/> Automatic (non-subscription) <input type="radio"/> Opt-in (subscription)	<input checked="" type="radio"/> Wheeled Carts <input type="radio"/> Tote / bins <input type="radio"/> Bags <input type="radio"/> Other	<input type="radio"/> None <input checked="" type="radio"/> Wheeled Carts <input type="radio"/> Bags <input type="radio"/> Stickers <input type="radio"/> Multiple Options	243	<p>This non-subscription volume-based curbside program collected 243 tons in 2018, which was an increase of 19 tons or 8.7% since 2017. This community, which participated in the District's 2013 consortium for waste and recycling services, continued its contract with Rumpke.</p>

30	Sheffield Village	3,982	<input checked="" type="radio"/> Automatic (non-subscription)  <input type="radio"/> Opt-in (subscription)	<input checked="" type="radio"/> Wheeled Carts  <input type="radio"/> Tote / bins  <input type="radio"/> Bags  <input type="radio"/> Other	<input type="radio"/> None  <input checked="" type="radio"/> Wheeled Carts  <input type="radio"/> Bags  <input type="radio"/> Stickers  <input type="radio"/> Multiple Options	249	<p>This non-subscription volume-based curbside program collected 249 tons in 2018 (including glass). This was a decrease of 28 tons, or 10% since 2017. This community remained in a contract with Republic for recycling collection services. Republic provides non-subscription curbside recycling and recycling bins for no charge, regardless of whether residents select another hauler for waste collection services.</p>
31	South Amherst	1,688	<input checked="" type="radio"/> Automatic (non-subscription)  <input type="radio"/> Opt-in (subscription)	<input checked="" type="radio"/> Wheeled Carts  <input type="radio"/> Tote / bins  <input type="radio"/> Bags  <input type="radio"/> Other	<input type="radio"/> None  <input checked="" type="radio"/> Wheeled Carts  <input type="radio"/> Bags  <input type="radio"/> Stickers  <input type="radio"/> Multiple Options	220	<p>This non-subscription volume-based curbside program collected 220 tons in 2018 (including glass). This was a decrease of 46 tons, or 17.3% since 2017. This community does not have a contract for recycling collection services, but Republic provides non-subscription curbside recycling and recycling bins for no charge, regardless of whether residents select another hauler for waste collection services.</p>

32	Vermillion City	10,594	<input checked="" type="radio"/> Automatic (non-subscription)  <input type="radio"/> Opt-in (subscription)	<input checked="" type="radio"/> Wheeled Carts  <input type="radio"/> Tote / bins  <input type="radio"/> Bags  <input type="radio"/> Other	<input type="radio"/> None  <input checked="" type="radio"/> Wheeled Carts  <input type="radio"/> Bags  <input type="radio"/> Stickers  <input type="radio"/> Multiple Options	809	<p>This non-subscription volume-based curbside program collected 809 tons in 2018 (including glass). This was a decrease of 242 tons, or 23% since 2017. This community was in contract with Republic for waste and recycling collection services during 2018.</p>
33	Wellington Township	1,420	<input checked="" type="radio"/> Automatic (non-subscription)  <input type="radio"/> Opt-in (subscription)	<input checked="" type="radio"/> Wheeled Carts  <input type="radio"/> Tote / bins  <input type="radio"/> Bags  <input type="radio"/> Other	<input type="radio"/> None  <input checked="" type="radio"/> Wheeled Carts  <input type="radio"/> Bags  <input type="radio"/> Stickers  <input type="radio"/> Multiple Options	230	<p>This non-subscription volume-based curbside program collected 230 tons in 2018 (including glass). This was an increase of 15 ton, or 6.7% since 2017. This community does not have a contract for recycling collection services, but Republic provides non-subscription curbside recycling and recycling bins for no charge, regardless of whether residents select another hauler for waste collection services.</p>

34	Wellington Village	4,802	<input checked="" type="radio"/> Automatic (non-subscription)  <input type="radio"/> Opt-in (subscription)	<input checked="" type="radio"/> Wheeled Carts  <input type="radio"/> Tote / bins  <input type="radio"/> Bags  <input type="radio"/> Other	<input type="radio"/> None  <input checked="" type="radio"/> Wheeled Carts  <input type="radio"/> Bags  <input type="radio"/> Stickers  <input type="radio"/> Multiple Options	405	This non-subscription volume-based curbside program collected 405 tons in 2018 (including glass). This was an increase of 22 tons, or 5.6% since 2017. This community was in contract with Republic for waste and recycling collection services during 2018.
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Please provide any other relevant information regarding the curbside programs, such as the addition or elimination of any programs; conversion from totes to carts; challenges; contamination issues; new contracts; education initiatives; etc. . .

Republic used the same material composition for nearly a decade to break down the commingled totals into material categories. When prompted to update the material composition for 2018, Republic reported a greater contamination percentage, which caused most curbside programs serviced by Republic to show a decrease in tonnage. When the material composition was updated for 2018, the District expected that newsprint would decrease since news is becoming more popular on electronic platforms; the District also expected cardboard to increase because of the growing popularity of online shopping. The updated composition of curbside materials did not reflect what the District had anticipated, so there is low confidence in the accuracy of the totals (including the residual percentage) reported.

Ohio EPA Comments:

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County:

Lorain

	COMMUNITY:	HOUSEHOLDS SERVED	PROGRAM TYPE	RECYCLING CONTAINER TYPE	VOLUME-BASED BILLING DISPOSAL	TONS	COMMENTS
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Please provide any other relevant information regarding the curbside programs, such as the addition or elimination of any programs; conversion from totes to carts; challenges; contamination issues; new contracts; education initiatives; etc. . .

Ohio EPA Comments:

Response created on: May 16, 2019 at 05:53 PM CDT by GT.lorain@gmail.com

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# DROP OFF - SINGLE COUNTY

SWMD ANNUAL ADR SUBMITTAL | 2018

Lorain County SWMD

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County:

Lorain

	DROP-OFF NAME:	ADDRESS:	COMMUNITY SIZE:	AVAILABILITY:	TONS:	COMMENTS
1	Eaton Township	12043 Avon Belden Road, Grafton, OH 44044	<input checked="" type="radio"/> Urban <input type="radio"/> Rural	<input checked="" type="radio"/> Full-time <input type="radio"/> Part-time		This drop-off continued to operate but now only accepts paper and cardboard. The listing for this drop-off has been moved to "Other special drop-offs."
2	Brighton Township	21451 State Route 511, Wellington, OH 44090	<input type="radio"/> Urban <input checked="" type="radio"/> Rural	<input type="radio"/> Full-time <input checked="" type="radio"/> Part-time		This drop-off continued to operate. Total tons collected are included in curbside totals.
3	Huntington Township	45955 OH-162, Wellington, OH 44090	<input type="radio"/> Urban <input checked="" type="radio"/> Rural	<input type="radio"/> Full-time <input checked="" type="radio"/> Part-time		This drop-off continued to operate. Total tons collected are included in curbside totals.
4	Penfield Township	41012 OH-18, Wellington, OH 44090	<input type="radio"/> Urban <input checked="" type="radio"/> Rural	<input type="radio"/> Full-time <input checked="" type="radio"/> Part-time		The Recycling Center hours are the 1st and 3rd Saturdays of each month from 10:00 AM until 3:00 PM.

5	Lorain County Collection Center (Elyria)	540 S Abbe Rd., Elyria, OH 44035	<input checked="" type="radio"/> Urban <input type="radio"/> Rural	<input type="radio"/> Full-time <input checked="" type="radio"/> Part-time	820.91	The drop-off at the Lorain County Collection Center accepted a total of 1,643,924 pounds of materials in 2018, which is approximately a 15% decrease compared to 2017. Materials accepted included HHW, latex paint, electronic waste, bulbs and ballasts, used vegetable oil and motor oil, propane tanks, tires, books, cardboard, paper from shred events, metals, lead-acid batteries, and commingled recycling.
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Please provide any other relevant information regarding the drop-off program, such as additions, relocations or removals, challenges, contamination issues, contracts, education initiatives, etc. . .

Ohio EPA Comments:

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County:

Lorain

	DROP-OFF NAME:	ADDRESS:	COMMUNITY SIZE:	AVAILABILITY:	TONS:	COMMENTS
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Please provide any other relevant information regarding the drop-off program, such as additions, relocations or removals, challenges, contamination issues, contracts, education initiatives, etc. . .

Ohio EPA Comments:

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**RESIDENTIAL PROGRAMS; COMMERCIAL/INSTITUTIONAL PROGRAMS; INDUSTRIAL PROGRAMS;  
RESTRICTED/HARD TO RECYCLE MATERIALS**

SWMD ANNUAL ADR SUBMITTAL | 2018

Lorain County SWMD

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Residential Sector Reduction and Recycling Programs

	CATEGORY	DESCRIPTION	COMMENTS/ACTIVITIES
1	Other Drop-off Recycling	Kipton Village - Camden Township	This paper and cardboard only drop-off, located at 417 State St. in Kipton, continued to operate. Total tons collected are included in curbside totals.
2	Drop-off Recycling Initiatives	Initiative to improve convenience and access	No activities in 2018.
3	Other Drop-off Recycling	Commercial Sector Paper Recycling	LC-11.1: The District continued to promote commercial sector paper recycling in its printed outreach materials, through presentations and through targeted promotional activities. A total of 147 Paper Retriever bins collected 1,655 tons of paper. The total tons of recyclable materials collected increased 44% from 2017. Ten locations were removed since last year. In 2018, the annual tonnage collected from individual sites ranged from 0.1 tons to 116.55 tons. The average tonnage collected at each site was 11.25 tons; the median was 5.66 tons.
4	Curbside Recycling Initiatives	Consortium for Waste Services	The District continued to participate with the existing consortium and provide technical assistance at the direction of the Consortium Board. The District worked with consortium members and a new bid process was completed in 2019. LC-30.1: The District kept notes on suggestions it received to improve future consortiums, which will be taken into account for successive consortiums.
5	Other Drop-off Recycling	Paper Retriever - Phone books	Phone books were accepted at the Lorain County Collection Center and at Paper Retriever containers throughout the District.
6	Other Residential Recycling Programs	Shred Truck	The District continued to use the mobile shred truck. A total of 63,660 pounds of paper were shredded in 2018.
7	Other Drop-off Recycling	Eaton Township - 12043 Avon Belden Road, Grafton, OH 44044	This drop-off continued to operate. Tonnage is included in curbside totals.

## Commercial/Institutional Sector Reduction and Recycling Programs

	CATEGORY	DESCRIPTION	COMMENTS/ACTIVITIES
1	Waste Assessment & Audits	Waste Audits	LC-32.1: The District advertised free waste auditing services on its website. In 2018 there were no waste audits conducted.
2	Award/Acknowledgment Programs	Acknowledgment Program	There was no activity in 2018. This will be coordinated in conjunction with the reestablishment of the Business Roundtable.
3	Workgroups/Roundtables	Business Recycling Roundtable	This program was postponed in 2015 and has not been re-started. The program will be relaunched pending restructuring and commissioner approval.
4	Public Venue and Special Event Recycling	Specialized Bottle/Can Collection Program	The District continued to provide collection containers to schools, businesses, and organizations as requested. The District continued to provide collection containers to schools, businesses, and organizations as requested. LC-12.3: District staff continued to look for grant opportunities to offset the costs of purchasing these containers.
5	Other Commercial/Institutional Programs	Zero Waste Planning	There were no new Zero Waste projects started in 2018. The District will continue to approach candidates in 2019 about participating in projects when opportunities are available.

### Industrial Sector Reduction and Recycling Programs

	CATEGORY	DESCRIPTION	COMMENTS/ACTIVITIES
1	Waste Assessment & Audits	Waste Audits	LC-32.1: The District advertised free waste auditing services on its website. In 2018 there were no waste audits conducted.

### Restricted & Difficult to Manage Wastes, Special Collection Events

	MATERIAL TYPE	DESCRIPTION	COMMENTS/ACTIVITIES	TONS
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1	Electronics	Electronics Collection	<p>The District accepted 178,451 pounds of electronics during 2018 at the Collection Center. This is a decrease in 220,395 pounds or 55% from 2017. The decrease in electronics is primarily due to two factors: (1) CRT TVs are being phased out of the electronic waste stream. These units were heavy and made up a significant portion of the electronics recycled. Electronics are increasingly made with less or lighter materials, so the volume of electronic waste generated each year has decreased. (2) The District does not provide destruction certificates, so less businesses are using the District's electronics collection program.</p>	89.23
2	HHW	Used Anti-freeze Recycling	<p>The District accepted 2,990 pounds of anti-freeze from residents at the Collection Center in 2018. This was an increase in 310 pounds or 12% from 2017.</p>	1.50
3	HHW	Lorain County HHW Collection Center	<p>The Collection Center served 14,258 residents and 415 businesses in 2018. Compared to 2017, the number of residents served decreased by 5% and the number of businesses served decreased by 13%. The Center collected 304,896 pounds of general HHW, 81,902 pounds of latex paint, 9,552 pounds of lead-acid batteries, 253,960 pounds of paper, books, and cardboard, 26,421 pounds of used motor oil and antifreeze, 1,600 pounds of used vegetable oil, 178,451 pounds of electronics, 119,662 pounds of fluorescent bulbs and ballasts, 557,500 pounds of scrap tires*, 5,440 pounds of scrap metal, 40,880 pounds of commingled recycling, and 63,660 pounds of shredded paper. A total of 1,643,924 pounds of materials were collected in 2018, which is a decrease in 307,760 pounds or 15.7% from the previous year. *Scrap tire total reflects total tires collected from all District collection locations.</p>	152.00

4	Other	Fluorescent bulb and ballast recycling	The District collected fluorescent bulbs, lamps, and ballasts at the Lorain County Collection Center. In 2018, the District managed 119,662 pounds of bulbs and ballasts. This is an increase in 19,548 pounds or 19.5% from the previous year.	59.83
5	Electronics	Printer Cartridge & Cell Phone Recycling	The District accepted printer cartridges or cell phones at the Collection Center in 2018.	
6	Appliances	Microwave Collection	Microwaves are accepted at the Lorain County Collection Center.	
7	Scrap Tires	Scrap Tire Collection	The District maintained three permanent scrap tire collection sites. The Lorain County Collection Center collected 215.54 tons of tires. The District continued to manage tire collection sites at the Lorain City Garage which collected 100.91 tons of tires, the Collection Center which collected 80.46 tons, and Grafton Township Hall which collected 34.17 tons of tires. In addition, the Agricultural tire collection recycled 63.21 tons.	278.75

Ohio EPA Comments:

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# EDUCATION/OUTREACH

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Lorain County SWMD

## Education/Outreach

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Outreach Priority

### Education/Outreach

	CATEGORY	MATERIAL OR FOCUS	DESCRIPTION	COMMENTS/ACTIVITIES
1	Resource Guide	General	Interactive Database of Recycling Locations	LC-1.1: The District continued to promote drop-off recycling at the Collection Center to residents who do not have curbside recycling.
2	Website/Social Media	General	Social Media	LC-1.2: The District continued to utilize social media (facebook.com/LCSolidWaste) to promote recycling events and encourage increased participation in recycling. This is also promoted at events, festivals and speaking engagements
3	Speaker/Presenter	Organics/Food Waste	OSU Extension: Composting and Manure Handling	No activity in 2018.
4	Speaker/Presenter	Yard Waste	OSU Extension - Composting	The OSU Extension for Lorain County distributed instructional compost information to individuals who visited the Lorain County Agricultural Center. The office also ran 21 classes and activities during 2018.

5	Website/Social Media	Yard Waste	OSU Extension webpage	The OSU Extension for Lorain County continued to host and update a home composting website ( <a href="http://www.lorain.osu.edu/compost">www.lorain.osu.edu/compost</a> ). The site contains important information about getting a home composting system started including composting bins, what can/cannot be composted at home, how to use compost, and a list of "troubleshooting" information.
6	Residential Sector Education & Outreach	General	OSU Extension Yard Waste - Brochures, phone-line, radio	Literature Distribution: Composting How-To information was distributed to individuals who visit the Lorain County Agricultural Center. Information was also made available at programs and Extension outreach events. One adult learning group from the Cleveland Clinic Richard E. Jacobs Health Center for 45 adults. OSU Extension Help-Line and Office Visits: The office responded to 46 questions from local residents interested in learning more about composting, recycling and 58 questions about strategies to improve the soil. Radio: Information was broadcast on WEOL 930AM to inform residents about recycling and composting. Five Keep America Beautiful Advisory Board Meetings, Brandi Schnell won the Keep America Beautiful President's Circle Recognition Award.
7	Schools Education & Outreach	General	Residential Recycling Education and Awareness Program	Conducted 122 presentations for 3,444 students. Two collection tours for 20 scouts/parents. 2018 Calendar Contest Entries 625; 2018 America Recycles Day Pledges Received 1,458 (71 classrooms, 29 different schools. 42 pledges from Lorain County residents who pledged on the website. 107 entries into America Recycles Day Rain Barrel Contest. Pride Day T-shirt Contest Entries 107

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# GRANTS/INCENTIVES; FACILITIES; ENFORCEMENT/CLEAN-UP; OTHERS

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## Grants, Economic Incentives, Market Development

	CATEGORY	DESCRIPTION	COMMENTS/ACTIVITIES
1	Pass-through Grants	Recycling Market Development Grant from Ohio EPA	The District received two grants in 2018 from Ohio EPA. The grants included: A Community Development Grant for a Harris horizontal 2 ram baler in the amount of \$200,000. A Litter Management Grant for the District in the amount of \$25,000. LC-14.1: The District designated Tiffany Barker to lead the internal grant program.
2	Other Grants	Recycling Revolving Loan Program	In 2018, the District did not receive any applications for loans.
3	Market Development Programs	District Market Development Grants	The District did not award any Market Development Grants in 2018.
4	Other Grants	New Programs Funding	The District did not use reserve funding to start any new programs in 2018.
5	Other Grants	Lorain County Community Scholarship	The District contributed \$5,000 in 2018 to an endowment fund for the Lorain County Community College Foundation to be used for college scholarships. An additional \$5,000 will be contributed in 2019. One scholarship is awarded annually. For scholarship eligibility, the student must be a Lorain County resident who studies under an environmental sciences major through the Lorain County Community College University Partnership.

6	Community Grants	Expanding Residential Recycling Programs	The District provided approximately \$450,000 in Community Incentive Grants to cities, villages, and townships in Lorain County. The purpose of the grants was to provide local governments with financial support to expand or enhance residential recycling programs. Total funding available for the program was based on a formula dependent on disposal fees collected by the District. The total grant funding each community was able to apply for in 2018 was based on the total tons recycled in 2017. Available funding for individual communities ranged from \$283 to \$67,179.
7	Community Grants	Multifamily Housing Recycling Grant	The District issued grant guidelines for communities and apartment managers to participate in this program. There were no applications in 2018.
8	Other Grants	Yard Waste Incentive Grants	The District postponed the launch of this program because the Organics Facility (LC-3.2) was not constructed.

## Facility Operation

	CATEGORY	DESCRIPTION	COMMENTS/ACTIVITIES
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## Enforcement & Clean-up

	CATEGORY	DESCRIPTION	COMMENTS/ACTIVITIES
1	Health Dept. Funding	Health Department Financial Assistance	The District continued to provide financial assistance to health districts. LC-23.1: Lorain County Public Health prepared an annual report detailing the services provided in 2018 to the District. LC-23.2: The health districts began signing an MOU listing the scope of services they will provide to the District prior to performing services for the year.
2	Open Dump & Scrap Tire Clean-up	Open Dump and Scrap Tire Clean up	No applications for funding to clean up open dumping sites or scrap tires were received in 2018.
3	Litter & Community Clean-up	Lorain County Pride Day - Volunteer Litter Collection	[Need Brandi's 2018 Pride Day Stats]
4	Litter & Community Clean-up	Clean-And-Beautiful (C.A.B.) Program	[Need C.A.B. statistics for 2018.]
5	Sheriff Dept. Funding	Environmental Crimes Unit	Throughout 2018, the ECU identified 18 dumping incidents through patrols or complaints. There were 19 open burning investigations and 4 scrap tire transporter violator investigations. This resulted in 19 summons for misdemeanor offenses and 4 grand jury submissions for felony offenses. There were 171 agency assists and 41 public assists. The ECU also spoke at 3 special events for OALPRP, OEPA, and Keep Ohio Beautiful.

## Other Programs

	CATEGORY	DESCRIPTION	COMMENTS/ACTIVITIES
1	Other Programs	County Engineer Road Funding	The District provided \$50,000 to the County Engineer to repair roads damaged by excess solid waste hauler traffic. In 2018, the cost to work on the affected areas of roadway were \$75,928.26. Actual costs exceeded the District's subsidy. LC-24.1: The County Engineer submitted an annual report detailing expenditures made using District funding for 2018. The District reviewed the report and found it to be complete and satisfactory. LC-24.2: The County Engineer continues to sign an annual MOU listing the scope of services they will provide to the District prior to performing services for the year.

2	Other Programs	Legal Assistance	The District continued to use outside private council for contracts and other legal issues in 2018.
3	Disaster Debris Management	Disaster Debris Management Plan	The District's Disaster Debris Management Plan remains incorporated in the master emergency plan for Lorain County. In 2018, there were no requests for disaster debris management funding. LC-27.1: Completed in 2016. LC-27.2: The District continues its MOU with Republic which states pricing and hauling costs in the event that a disaster were to occur.
4	Other Programs	Third Party Financial Audit	The District continued to have annual financial audits. An audit was conducted in 2018. The District also presents a financial overview of revenue and expenditures at all Policy Committee meetings to maintain confidence and transparency between the District and Policy Committee.
5	Other Programs	Host Community Agreement Fee Contract	The Host Community Agreement between Republic Services remained in effect. The Agreement requires Republic Waste Services to pay \$.60 for each ton of out-of-district waste delivered to the Lorain County Landfill.
6	Other Programs	Landfill Capacity Conservation Initiatives	There was no activity in 2018.
7	Feasibility Studies	Energy from Waste Feasibility Assessment	There was no activity in 2018.
8	Feasibility Studies	Organics Facility	There was no activity in 2018.
9	Data Collection Efforts	Yard Waste Data Reporting	There was no activity in 2018.
10	Feasibility Studies	Business Tire Plan Project	There was no activity in 2018.

Ohio EPA Comments:

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# ANNUAL DISTRICT REPORT - CERTIFICATION AND SUBMITTAL SURVEY

ANNUAL | 2018

Lorain County SWMD

I hereby certify that the information provided is, to the best of my knowledge, accurate and complete. \*



Check this box after verifying that all five implementation table surveys have been marked as complete (Curbside, Drop Off, Education/Outreach, Grants/Other, and Residential/Commercial/Industrial/Hard to Recycle programs). \*



Name: \*

James Cordes

Suggestions for revising the ADR submittal system:

If you would like to submit any additional information, data, documents, etc., please attach them below:

1. Additional Information:

2. Additional Information

3. Additional Information:

4. Additional Information:

5. Additional Information:

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