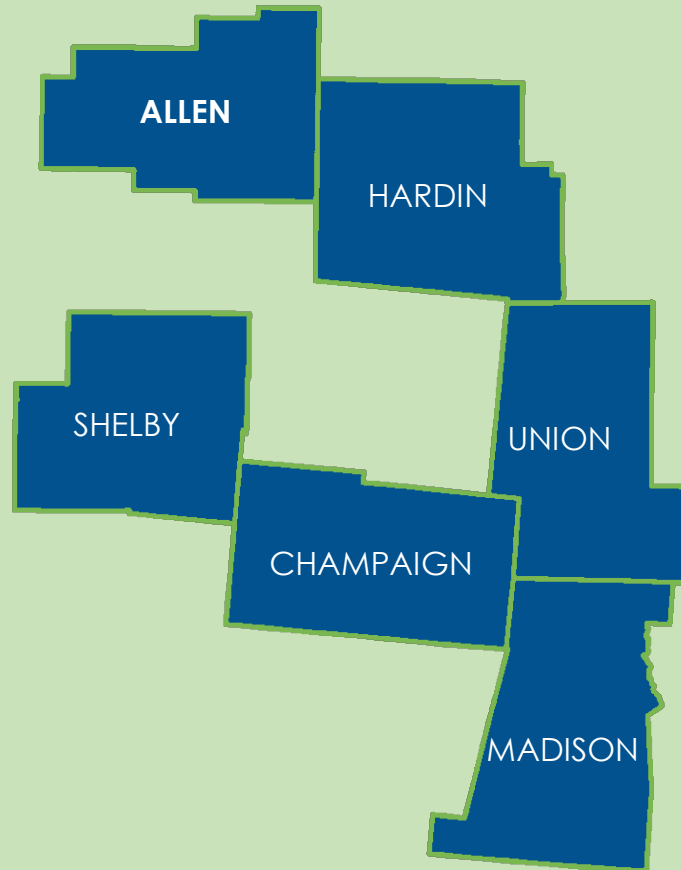


2023 Annual District Report Summary





North Central Ohio

Solid Waste District

Serving Allen, Champaign, Hardin, Madison, Shelby and Union Counties

Review of the 2023 implementation of solid waste plan

Non-Subscription Curbside Recycling

- 20 communities continue to be implemented
- 5,619 tons

Subscription Curbside Recycling

- Choctaw Lake continued their subscription curbside recycling service
- No report





Review of the 2023 implementation of solid waste plan

VILLAGE OF ANNA 2024 RECYCLING PICKUP SCHEDULE

Your collection days are **HIGHLIGHTED** in **BLUE**. You will notice the dates **HIGHLIGHTED** in **RED** which are the **HOLIDAYS** that may delay your collection one full day. Trash will be collected on the same day as recyclables. Any questions please call 1-800-553-6763.

January							February							March							
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	
	1	2	3	4	5	6					1	2	3							1	2
7	8	9	10	11	12	13	4	5	6	7	8	9	10	3	4	5	6	7	8	9	
14	15	16	17	18	19	20	11	12	13	14	15	16	17	10	11	12	13	14	15	16	
21	22	23	24	25	26	27	18	19	20	21	22	23	24	17	18	19	20	21	22	23	
28	29	30	31				25	26	27	28	29			24	25	26	27	28	29	30	
														31							

April							May							June							
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	
	1	2	3	4	5	6				1	2	3	4							1	
7	8	9	10	11	12	13	5	6	7	8	9	10	11	2	3	4	5	6	7	8	
14	15	16	17	18	19	20	12	13	14	15	16	17	18	9	10	11	12	13	14	15	
21	22	23	24	25	26	27	19	20	21	22	23	24	25	16	17	18	19	20	21	22	
28	29	30					26	27	28	29	30	31		23	24	25	26	27	28	29	
														30							

July							August							September							
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	
	1	2	3	4	5	6					1	2	3		1	2	3	4	5	6	7
7	8	9	10	11	12	13	4	5	6	7	8	9	10	8	9	10	11	12	13	14	
14	15	16	17	18	19	20	11	12	13	14	15	16	17	15	16	17	18	19	20	21	
21	22	23	24	25	26	27	18	19	20	21	22	23	24	22	23	24	25	26	27	28	
28	29	30	31				25	26	27	28	29	30	31	29	30						

October							November							December							
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	
	1	2	3	4	5						1	2			1	2	3	4	5	6	7
6	7	8	9	10	11	12	3	4	5	6	7	8	9	8	9	10	11	12	13	14	
13	14	15	16	17	18	19	10	11	12	13	14	15	16	15	16	17	18	19	20	21	
20	21	22	23	24	25	26	17	18	19	20	21	22	23	22	23	24	25	26	27	28	
27	28	29	30	31			24	25	26	27	28	29	30	29	30	31					

Curbside Collection Improvements/Changes/Tracking

- No changes to core programs
- District tracks all curbside contracts
- Shelby County Villages Curbside Contract Management
- Shelby County Villages Recycle Magnets
- No other initiatives conducted





Review of the 2023 implementation of solid waste plan

Full-Time Drop-Off

- 17 planned sites continued to operate in 2023
- 2,775 tons

Part-Time Drop-Off

- 37 planned sites continued to operate in 2023
- 271 tons
- Perry Township and Cenovus in Allen County Closed. District may open PT side at office.





Review of the 2023 implementation of solid waste plan

Commercial, Institutional, Industrial Assistance

- Phone calls from businesses and residents were answered

Difficult-to-Manage Waste Collection

- 3 permanent HHW facilities in Allen, Shelby, and Union Counties during the months of April-October. A total of 15,868 pounds of HHW materials were collected in 2023. The total revenue of the program was \$17,914.96
- 3 Mobile HHW facilities in 2023 in Hardin, Madison and Champaign Counties during the months of April - October. A total of 3,242 pounds of HHW materials were collected in 2022. Total revenue from user fees was \$3,405.
- All other battery, used oil, tire, & e-waste programs continued as planned
- Over 32,500 tons of yard waste was recycled in 2023.





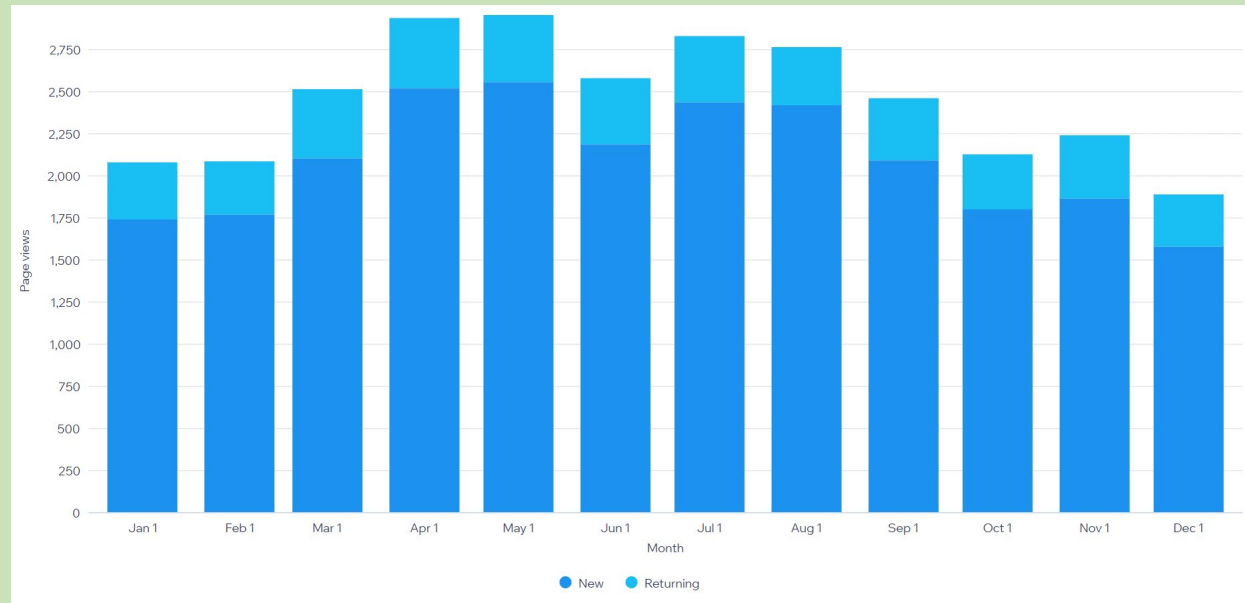
Review of the 2023 implementation of solid waste plan

Education & Outreach

- The District conducted targeted education and outreach activities in 2023 including web site enhancement, social media posts and advertisements for programs.
- Recycle program and special waste program flyers updated for 2023.

Website

- Old Web Site = 3,000 to 4,000 Page Views/QTR
- 2022 – 4,500 to 6,000 Page Views/QTR
- 2023 – 6,000 to 8,750 Page Views/QTR





North Central Ohio Solid Waste District

Serving Allen, Champaign, Hardin, Madison, Shelby and Union Counties

Review of the 2023 implementation of solid waste plan

Education & Outreach

Sample of Facebook activity in 2023:

North Central Ohio Solid Waste District
Published by Jim Skora
June 2, 2023

Recycling correctly helps keep our program sustainable for the future. Please refer to the informational signs at our drop-off sites so your participation in recycling is done correctly.

North Central Ohio Solid Waste District
Published by Jim Skora
June 8, 2023

The NCO Solid Waste District sends out mailers to residents in targeted communities to let acceptable and non-acceptable materials for curbside or drop-off recycling programs. It is important to recycle correctly so these programs stay sustainable for the future. Do your part "Recycle Right".

North Central Ohio Solid Waste District
Published by Jim Skora
November 17, 2023

The NCO Solid Waste District reminds all that America Recycles Day is everyday for us. Although the official recognition of America Recycles Day was November 15, 2023, we ask all residents, businesses, institutions and local government to recycling often and recycle correctly everyday!

North Central Ohio Solid Waste District
Published by Jim Skora
October 27, 2023

The NCO Solid Waste District has updated program sites located in Champaign, MA for the detailed operating days and hours.

<https://www.ncowaste.org/champaign>
<https://www.ncowaste.org/madison-co>

North Central Ohio Solid Waste District
Published by Jim Skora
July 21, 2023

The NCO Solid Waste District recently presented its education and outreach strategies and processes during an Ohio EPA meeting. The overall strategy includes multiple processes and initiatives to reach residents in the six county area. Additional new initiatives that were developed during the recent solid waste plan update were also presented.

North Central Ohio Solid Waste District
Published by Jim Skora
June 16, 2023

The NCO Solid Waste District Household Hazardous Waste (HHW) Program Schedule for 2023 is almost half over. Appointments for all permanent and mobile HHW facilities and sites can be made by following the procedures for each county located in the web link below:

<https://www.ncowaste.org/mobile-hhw-collections>

North Central Ohio Solid Waste District
Published by Jim Skora
November 3, 2023

The 2023 Household Hazardous Waste program has ended. This is a good time to focus on purchasing wisely when shopping for your household products, cleaners, paints, garden chemicals, and car care products. Only buy what you need so you can use the product completely for its intended purpose.

Paint is the largest component of what we accept in this program. Every paint can has a coverage formula. Measure your room twice, buy paint once. Don't over buy which leads to waste.

North Central Ohio Solid Waste District
Published by Jim Skora
November 10, 2023

The NCO Solid Waste District salutes our veteran's who have served our great country for all their service!

North Central Ohio Solid Waste District
Published by Jim Skora
November 20, 2023

The NCO Solid Waste District received its approval from Ohio EPA to implement its new solid waste management plan on December 18, 2023. The new solid waste plan is now on the District's web site at: <https://www.ncowaste.org/updates/solid-waste-plan>

NCO wishes all of its residents, communities, business, non-profits, schools and institutions a Happy New Year. May 2024 be a great year for all.

North Central Ohio Solid Waste District
Published by Jim Skora
October 6, 2023

Happy Friday. As we all prepare for the holiday season, remember to minimize your waste by following these simple tips:

1. Buy gifts that do not need to be wrapped or have additional packaging.
2. Be mindful of food waste during holiday meals, reduce over cooking and donate un-used food items.
3. Compost your Christmas Trees at the end of the season.
4. No when to recycle all that paper wrapping, cardboard boxes and other recyclable packaging.
5. Buy local and buy recycled content materials.
6. Save energy by using energy efficient lighting such as LED bulbs.

And most of all, give thanks and appreciation to your family and friends.

North Central Ohio Solid Waste District
Published by Jim Skora
October 6, 2023

Come on out to the Great City of Marysville's Uptown Friday Night - Octoberfest for a great night of fun. Also, while your here, learn about recycling correctly. We are here from 6pm to 10pm.

North Central Ohio Solid Waste District
Published by Jim Skora
December 18, 2023

**2024 - 2038
Approved Solid Waste
Management Plan Update**

North Central Ohio Solid Waste District
Published by Jim Skora
November 15, 2023

The Solid Waste District will be attending the City of Marysville's Uptown Friday Night event on Friday October 6, 2023 from 6:00 pm to 10:00 pm in downtown Marysville with an Octoberfest theme. We will have one of our recycling trucks on display along with informational materials for residents and interactive recycle toss game. There will be live music, fun and to learn more about recycling.

North Central Ohio Solid Waste District
Published by Jim Skora
November 1, 2023

Merry Christmas



North Central Ohio Solid Waste District

Serving Allen, Champaign, Hardin, Madison, Shelby and Union Counties

Review of the 2023 implementation of solid waste plan

Education & Outreach

Special Presentations and Promotions:



Shelby County Recycling
www.ncowaste.org

Shelby County Recycling Center
Statistics and Information

- 1,221 tons of commingled recyclables and 664 tons of cardboard processed in 2022
- Serving 7 curbside recycling programs and 8 recycling drop-off locations
- 3,194 pounds of HHW processed in 2022
- Solar powered since 2017

Drop-off Recycling Collections
Houston

Recycling Trailers

Household Hazardous Waste Disposal

Acceptable Household Hazardous Waste

Unacceptable Items

Electronic Waste Recycling

VILLAGE OF ANNA
2024 RECYCLING PICKUP SCHEDULE

Your collection days are HIGHLIGHTED in BLUE. You will notice the dates HIGHLIGHTED in RED which are the HOLIDAYS that may delay your collection one full day. Trash will be collected on the same day as recyclables. Any questions please call 1-800-553-6763.

January							February							March						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6														
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
28	29	30	31				25	26	27	28	29			24	25	26	27	28	29	30

April							May							June						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6														
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
28	29	30	31				27	28	29	30	31			30						

July							August							September						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6														
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
28	29	30	31				29	30	31				28	29	30					

October							November							December						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6														
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
28	29	30	31				24	25	26	27	28	29	30	28	29	30				

EPA Best Practices Meeting – June 5, 2023
Acceptable/Non-Acceptable Recyclables Messaging

- Targeted post card mailings for curbside and drop-off programs with consistent terminology on acceptable and non-acceptable items
- Curbside tagging projects for the Marysville (2019) and Sidney (2022) on acceptable and non-acceptable items



Review of the 2023 implementation of solid waste plan

Recycling Program
The following are the **ONLY** items we accept in our program
No plastic bags will be accepted.

PAPER
Newspapers, advertisements, magazines, cereal boxes, telephone books, junk mail, office paper and brown grocery paper.

CARDBOARD
(Remove Styrofoam and plastic wrap)
Must be flattened and no larger than 2' x 2'.

**PLASTIC BOTTLES/
JUGS #1 AND #2 ONLY**
Items include milk jugs, beverage, shampoo, laundry and household cleaning bottles. Should be rinsed clean.

GLASS FOOD JARS/BOTTLES
(Food & Beverage ONLY)
Green, brown & clear glass bottles/jars ONLY. Remove lids and rinse clean. Labels do not have to be removed. (No other glass accepted.)

METAL CANS
Aluminum beverage and pet food cans, steel and tin food cans. Rinsed clean. Labels do not have to be removed.

Examples of Unacceptable Items Include:

- Automotive product containers
- Automotive parts
- Chemical/pesticide containers
- Garden hoses
- Flower pots/trays, bowls, buckets, tubs
- Plastic Bags
- Microwave/fast food trays
- Styrofoam
- Toys, swimming pools, mirrors
- Ceramics, Pyrex, light bulbs
- Window glass, dishes, China
- Paint cans, aerosol cans
- Pots, pans, hangers, batteries
- Appliances, power tools
- Electronic items, clothing
- Any plastic labeled #3 through #7
- Yard/food waste

Curbside/Drop Off Collection Education

- Targeted mailers
- City of Marysville Curbside
- City of Sidney Curbside
- Village of Forrest Curbside
- 6 Villages of Shelby County Curbside
- Allen County Drop-Off Communities
- Shelby County Drop-Off Communities

Visit Our Website at:
www.ncowaste.org

1-800-553-6763
**Recycling Right,
Recycling OFTEN!**

Scan Here for More Information

*****ECRWSS****

Local Postal Customer

PRRST STD
ECRWSS
U.S. POSTAGE
PAID
EODM RETAIL



Review of the 2023 implementation of solid waste plan

Education & Outreach

■ Videos for Web Site:

■ Adult Education:

- Waste diversion and recycling
- Waste minimization and reduction
- Composting and compost facilities
- HHW minimization
- District special materials collection participation process
- District recycling facilities
- District HHW facilities (fixed and mobile)
- District recycling drop-off facilities
- Curbside recycling
- Contamination
- Other topics as determined

■ Children Education:

- Recycled content materials
- What happens to recycle materials
- Contamination
- Composting
- Alternatives to HHW
- District recycling facilities
- District HHW facilities (fixed and mobile)
- District recycling drop-off facilities
- Other topics as determined



North Central Ohio
Solid Waste District

Serving Allen, Champaign, Hardin, Madison, Shelby and Union Counties

Review of the 2023 implementation of solid waste plan

Education & Outreach

Videos for Web Site:





Review of the 2023 implementation of solid waste plan

Education & Outreach

■ Drop-Off Site Engagement for 2024 and Beyond

PLEASE LEAVE THESE ITEMS OUT!

 Do Not Bag Recyclables (and no garbage)	 No Plastic Bags (return shopping bags to retail programs, no plastic bags such as pet food, mulch, softener salt bags, etc.)
 No Non-recyclable Paper Products (no tissues, napkins, paper towels, food contaminated boxes, paper cups/coffee cups, paper plates, grease stained pizza boxes)	 No Non-recyclable Plastics (no rigid plastics (oil litter buckets, toys), #3-#7 yogurt cups, butter tubs, drinking cups, disposable containers, plastic utensils, straws, Styrofoam), flexible plastics (plastic and bubble wrap)
 No Tanglers (no hoses, wires, chains, electronics, clothing, textiles)	 No Food or Liquid (empty all containers)
 No Big Materials (no construction debris, furniture, appliances, automotive parts, pallets)	 No Garbage (no diapers, dead animals, yard waste, cartons, household hazardous waste, other materials not accepted by Marvaville's recycling program)

RECYCLE MORE OF THESE

Food and Beverage Aluminum and Steel/Tin Cans

Milk jugs, beverage containers, shampoo and laundry containers, household cleaner bottles. All should be clean and empty.

Glass Food and Beverage Bottles and Jars

Green, brown and clear food and beverage jars and bottles. All should be clean and empty.

Cardboard and Paper Products

Newspaper, Junk Mail, Mixed Paper, Telephone Books, Office Paper, Newspaper, Brown Grocery Bags, Cereal Boxes, Amazon Boxes, Magazines, and Flattened Cardboard (2' x 2' pieces)

Plastic Bottles and Jugs

Milk jugs, beverage containers, shampoo and laundry containers, household cleaner bottles. All should be clean and empty.

Please visit www.ncowaste.org or call 800-553-6763 for more information on our recycling drop-off program

Please recycle this tag



Review of the 2023 implementation of solid waste plan

Grants & Economic Incentives

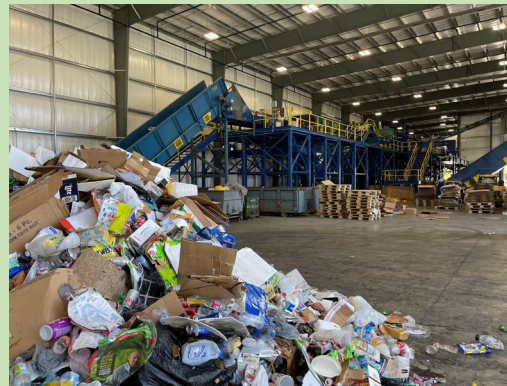
- 6 recycling assistance grants (\$30,773.10) were awarded for one-time expenses
- The District provided \$21,571 for litter clean-ups to 20 communities in the District in 2023.
- The District provided funding to the following health departments in 2023: Champaign Co. Health \$3,889, Madison Co. Health \$4,473, Shelby Co. Health \$4,859, and Union Co. Health \$5,899 for a total of \$19,120.
- The District assisted the Weidmann Electric in a Market Development grant in 2023 and early 2024. The District supported a Scrap Tire Grant for R&R Tire in 2023.



Review of the 2023 implementation of solid waste plan

Facilities

- **Shelby County Recycling Center** continued to operate in 2023. The solar power system continues to operate. The facility recycled 1,182.53 tons in 2023.
- **Union Recyclers** continued to operate and was being expanded in 2023. The facility recycled 5,482 tons in 2023.
- **London Transfer** – 488 tons
- **Hardin Transfer** – 413 tons





North Central Ohio

Solid Waste District

Serving Allen, Champaign, Hardin, Madison, Shelby and Union Counties

Review of the 2023 implementation of solid waste plan

Other Programs

- The District's MRF Infrastructure program is used to support District public sector MRFs and transfer locations and to retire debt from Union Recyclers expansion and automation improvements.
- Disaster Debris Management – No activity in 2023

Clean-Up Initiatives

- All clean-up initiatives have continued as planned. The District provided \$21,571 for litter clean-ups to 20 communities in the District in 2023.

Review of the 2023 implementation of solid waste plan

Data Management

- Surveys were sent to 22 recycling brokers and facilities in 2024 for 2023 data.
- Leaf data from communities included surveys to 27 communities.
- Recycling data was also collected from Ohio EPA for yard waste, scrap tires, MRFs and big box store data.
- No industrial data was collected per new state plan requirements.





- 2024 ADR (2023 data) submitted on time on June 1, 2024
- 2023 data collected from processor and MRF data only along with Ohio EPA data (MRF, Compost, Tires, Big Box Stores).
- Industrial data was not solicited per the new state plan requirements.
- Res/com data up from 2022 by 9.47%.
- The largest increases were cardboard, other paper, yard waste, wood, plastics, glass and ferrous metals. The largest decreases were food waste, non-ferrous metals, commingled recyclables and tires. Industrial data carried over from 2022 with no change.

Description	Res/Com	Industrial	Totals
Appliances	300.00	0.00	300.00
Lead-Acid Batteries	20.11	0.00	20.11
Dry Cell Batteries		0.00	0.00
Food (Composted)	1,621.94	27.00	1,648.94
Food (Other)		0.00	0.00
Glass	1,450.43	37.76	1,488.19
Household Hazardous Waste ²	9.56	0.00	9.56
Ferrous Metals	1,892.46	122,541.62	124,434.08
Non-Ferrous Metals	1,003.25	11,849.77	12,853.02
Non-Exempt Foundry Sand ³		5,098.73	5,098.73
Corrugated Cardboard	23,184.54	6,215.42	29,399.96
All other paper	3,718.60	373.42	4,092.02
Plastics	1,607.84	2,973.13	4,580.97
Rubber (not including tires)		0.00	0.00
Passenger Tires	7,015.09	0.00	7,015.09
Textiles		0.00	0.00
Used Oil ⁴	2.17	0.00	2.17
Wood	3,764.26	17,539.38	21,303.64
Yard Waste	32,634.24	0.00	32,634.24
Commingled Recyclables ⁵	3,576.47	168.85	3,745.32
Electronics (all residential)	3.84	0.00	3.84
Christmas Trees		0.00	0.00
Misc: Elastomer gel, Powder Coat		0.00	0.00
Misc Metal	46.31	0.00	46.31
Other (OEPA)	848.07	0.00	848.07
Recovered Wood Pulp		0.00	0.00
Metal Drums		0.00	0.00
Lamps, Bulbs, and ballasts		0.00	0.00
Ballast		0.00	0.00
Styrofoam		0.00	0.00
Totals	82,699.18	166,825.07	249,524.26
Difference from 2022	7,151.71	0.00	7,151.71
	9.47% ▲	0.00%	2.95%