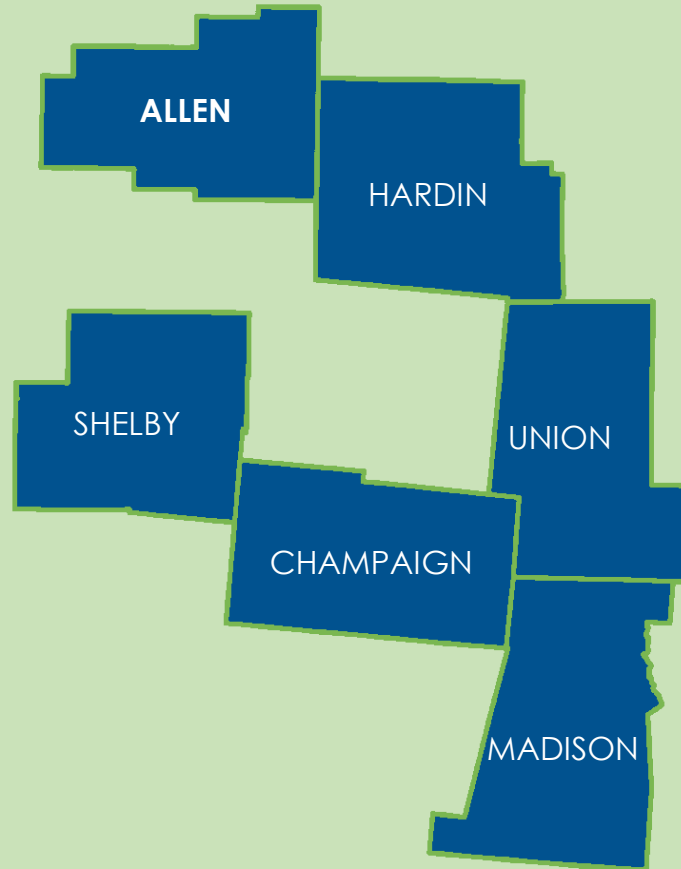


# *2022 Annual District Report Summary*





## Review of the 2022 implementation of solid waste plan

### Non-Subscription Curbside Recycling

- 20 communities continue to be implemented
- 6,107 tons

### Subscription Curbside Recycling

- Choctaw Lake continued their subscription curbside recycling service
- 147 tons





## Review of the 2022 implementation of solid waste plan



### Curbside Collection Improvements/Changes/Tracking

- No changes to core programs
- District tracks all curbside contracts
- Assisted City of Sidney with implementation of grant for tagging project and grant close out
- Shelby County Villages Curbside Contract Management
- Shelby County Villages Recycle Magnets
- No other initiatives conducted



## Review of the 2022 implementation of solid waste plan

### Full-Time Drop-Off

- 17 planned sites continued to operate in 2022
- 2,991 tons (up from 2,874 in 2021)

### Part-Time Drop-Off

- 38 planned sites continued to operate in 2022
- 288 tons (down from 330 in 2021)
- Paris Twp Closed (Union County)
- North Lewisburg requested upgrading to FT but was not able to because of labor and cost issues





## Review of the 2022 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 18,535 pounds of HHW materials were collected in 2022. The total revenue of the program was \$19,586.
- 3 Mobile HHW facilities in 2022 in Hardin, Madison and Champaign Counties during the months of April - October. A total of 3,459 pounds of HHW materials were collected in 2022. Total revenue from user fees was \$3,592.
- All other battery, used oil, tire, & e-waste programs continued as planned
- Over 31,000 tons of yard waste was recycled in 2022.
- District assisted Madison County with an E-Waste collection in 2022.





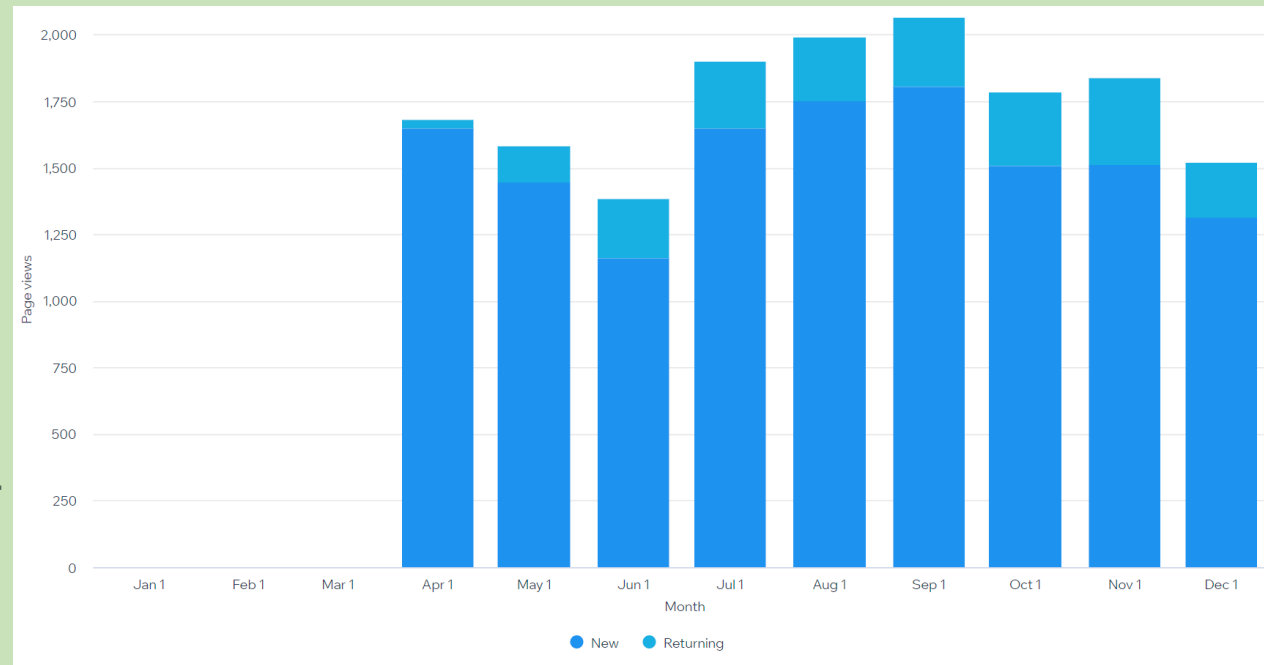
## Review of the 2022 implementation of solid waste plan

### Education & Outreach

- The District conducted targeted education and outreach activities in 2022 including web site enhancement, social media posts and advertisements for programs.

#### Website

- New Web Site Added April 2022, Mobile Friendly
- Old Web Site = 3-4,000 Visitors Per Quarter
- New Web Site – 4,000 - 5,500 + Visitors Per Quarter





## Review of the 2022 implementation of solid waste plan

### Education & Outreach

#### Sample of Facebook activity in 2022:

**North Central Ohio Solid Waste District**  
Published by Jim Skora · June 21, 2022 ·

The new and improved Union Recyclers in Marysville Ohio. A new 20,000 sq ft processing facility with state of the art single stream equipment.



**North Central Ohio Solid Waste District**  
Published by Jim Skora · November 1, 2021 ·

With the assistance of the NCO Solid Waste District, West Liberty-Salem high schoolers picked up trash last Thurs, Oct 29 along 56 Rt. 245 near the Ohio Caverns entrance. Thank you for helping keep our community cleaner and a more beautiful place to live and work. We appreciate your community service!



**North Central Ohio Solid Waste District**  
Published by Jim Skora · October 12, 2022 ·

The Northwest Ohio Environmental Health Association's Fall Conference on October 14, 2022. This year's conference is being held at the Kalahari Resort and Conference Center in Sandusky, Ohio. The presentation will focus on HB 592 (solid waste law for Ohio) and the NCO Solid Waste District's programs and initiatives. Information about this conference can be found at the following web site:

**North Central Ohio Solid Waste District**  
Published by Jim Skora · September 22, 2022 ·

**Congratulations Executive Director Jack Dewitt on your 2022 SWANA Ohio Buckeye Chapter Solid Waste Professional of the Year Award!!!!**



**North Central Ohio Solid Waste District**  
Published by Jim Skora · August 17, 2022 ·

"Recycle Right" means only recycling materials that are accepted in the participating in such as a curbside or drop-off recycling program. Please communicate with the NCO Solid Waste District, either via the web site or by "Recycling Right".

The most common contaminants found in the recycle stream are the wrong or non-recyclable materials. Contaminants are defined as any material that



**Recycle Right**

**North Central Ohio Solid Waste District**  
Published by Jim Skora · August 17, 2022 ·

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**Recycle Right**

**North Central Ohio Solid Waste District**  
Published by Jim Skora · November 3, 2022 ·

Shelby County is conducting a tire recycling collection day on November 16, 2022. Pre-registration is required.



**2022 SHELBY COUNTY TIRE RECYCLING DAY NOVEMBER 16, 2022**

**THIS IS A PREREGISTRATION EVENT ONLY!**

- Absolutely **NO** tires can be accepted without being registered.
- Pre-registration and payment in person only prior to **November 11, 2022, at Shelby SWCD, 822 Fair Rd. Sidney, Ohio (payment in cash or check only please)**
- \$2 per passenger tire 20" or less in rim size.
- ABSOLUTELY NO SUVs, vans, or commercial tires accepted at this time.**
- A maximum of 10 tires can be accepted per household!

Tire drop off to be held at the **Shelby County Fairgrounds, 655 S Highland Ave. Sidney, Ohio 45365**

Registrations will be provided an assigned time slot between 8am and 1pm. Registrations and quantities accepted may be limited due to availability of handling. First come first serve.

**North Central Ohio Solid Waste District**  
Published by Jim Skora · June 21, 2022 ·

Special thanks to Ohio EPA's Recycle Ohio Grant for the partial funding of our new roll-off truck stationed at Union Recyclers in Marysville Ohio.

**North Central Ohio Solid Waste District**  
Published by Jim Skora · March 10, 2022 ·

giving locations: [The Recycling Locations](#)

**OPEN DUMPING Tires IS LEGAL**

**Open dumping of scrap tires is an unclassified FELONY**

**You can be fined \$10,000 to \$25,000 and incarcerated 2-4 YEARS**

For information on proper tire disposal, or to report illegal dumping, please call 800-553-6763



**North Central Ohio Solid Waste District**  
Published by Jim Skora · July 6, 2022 ·

Starting this week and concluding on July 29, 2022, the City of Sidney is conducting a direct engagement recycling education campaign to decrease contamination in the curbside recycle stream. The program is partially funded by Ohio EPA. NCO is partnering with the City on this important initiative.

**News Release**

The City of Sidney obtained a grant from the Ohio Environmental Protection Agency to conduct a direct engagement education and outreach campaign for the City's curbside recycling program. The campaign will run from June 1 – July 29, 2022. The purpose of the program is to educate residents that place recyclables in the curb, on how they are accepted in the program. The "QOOPS!" card required here will be placed in reusable materials that are not accepted in the City's curbside recycling program.

Each household is required to place all of their recyclables in the curb to be accepted in the City's curbside recycling program. The "QOOPS!" card required here will be placed in reusable materials that are not accepted in the City's curbside recycling program.

Sign will be measured by regulations prior to this hearing. Use of these materials has been prohibited.

No EPA, the NCO Solid Waste District's (SWD) is pleased to announce that it will be conducting a direct engagement education and outreach campaign for the City's curbside recycling program. The campaign will run from June 1 – July 29, 2022. The purpose of the program is to educate residents that place recyclables in the curb, on how they are accepted in the program. The "QOOPS!" card required here will be placed in reusable materials that are not accepted in the City's curbside recycling program.



**North Central Ohio Solid Waste District**  
Published by Jim Skora · July 6, 2022 ·

The City of Sidney is conducting a direct engagement education campaign, with the help from a grant from Ohio EPA, with their residents regarding its curbside recycling program. The largest contaminant in the recycle stream, by volume, is the wrong plastics being placed into the recycle carts. The following postcard is being sent to every resident in the City to remind them of what plastic is not acceptable in the program:

**NO #3 - #7 PLASTIC IN THE RECYCLING CART**

**NO PLASTIC:**

Bags, Butter Cups, Bowls, Buckets, Coffee Pods, Flower Pots, Hangers, Inflatables, Prescription Bottles, Straws, Stretch Wrap, Styrofoam, Trays, To Go Containers, Toys, Utensils, Wrap, Yogurt Cups

**Only Recycle #1 and #2 Plastic Food and Beverage Bottles and Jugs.**



**North Central Ohio Solid Waste District**  
Published by Jim Skora · July 12, 2022 ·

The NCO Solid Waste District Household Hazardous Waste (HHW) Program Schedule for 2022 is almost half over. Appointments for all permanent and mobile HHW sites can be made by following the procedures for each county located in the web site link below:

[www.ncowaste.org/household-hazardous-waste-sites](http://www.ncowaste.org/household-hazardous-waste-sites)



**North Central Ohio Solid Waste District**  
Published by Jim Skora · October 12, 2022 ·

The Northwest Ohio Environmental Health Association's Fall Conference on October 14, 2022. This year's conference is being held at the Kalahari Resort and Conference Center in Sandusky, Ohio. The presentation will focus on HB 592 (solid waste law for Ohio) and the NCO Solid Waste District's programs and initiatives. Information about this conference can be found at the following web site:

**2022 FALL EDUCATIONAL CONFERENCE**  
Thursday, October 13  
Friday, October 14  
Kalahari Resort and Conference Center, Sandusky, Ohio

**OHIOEHA.ORG**

**2022 NW Conference Information!**

Fellow Environmental Health Professionals: On behalf of the Northwest OEHA Planning Committee, I cordially invite you ...







## Review of the 2022 implementation of solid waste plan

### Education & Outreach

#### ■ Videos Coming in 2023/2024 and beyond:

##### ■ 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



## Review of the 2022 implementation of solid waste plan

### Grants & Economic Incentives

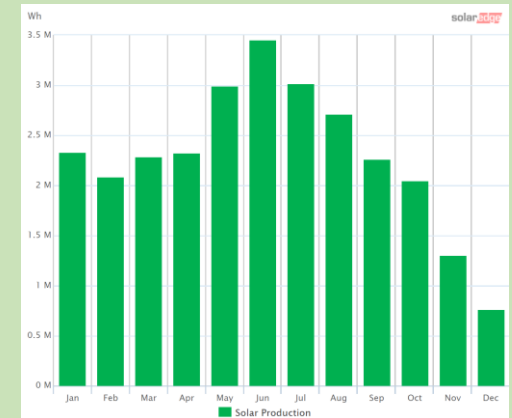
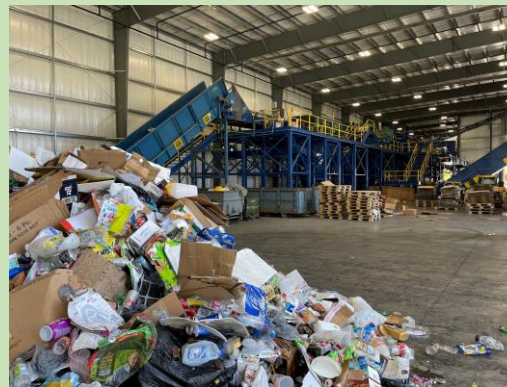
- 12 recycling assistance grants (\$28,239) were awarded for one-time expenses
- The District provided \$21,213 for litter clean-ups to 17 communities in the District in 2022.
- The District assisted the City of Sidney with an OEPA grant to conduct a direct education engagement project in 2022.
- The District supported a Scrap Tire Grant for R&R Tire in 2022.
- The District provided funding to the following health departments in 2022: 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.



## Review of the 2022 implementation of solid waste plan

### Facilities

- **Shelby County Recycling Center** continued to operate in 2022. The solar power system continues to operate. The facility recycled 1,885 tons in 2022.
- **Union Recyclers** continued to operate and was being expanded in 2022. The expansion project was completed in 2022. The facility recycled 5,208 tons in 2022.
- **London Transfer** – 572 tons
- **Hardin Transfer** – 394 tons





**North Central Ohio**

**Solid Waste District**

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

## Review of the 2022 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 (\$161K/year).
- Disaster Debris Management – No activity in 2022

### Clean-Up Initiatives

- All clean-up initiatives have continued as planned. The District provided \$21,213 for litter clean-ups to 17 communities in the District in 2022.



## Review of the 2022 implementation of solid waste plan

### Data Management

- Surveys were sent to 22 recycling brokers and facilities in 2023 for 2022 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.





- 2023 ADR (2022 data) submitted on time on June 1, 2023
- 2022 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 2021 by 0.30%.
- The largest increases were cardboard, commingled recyclables, ferrous and non-ferrous metals. The largest decreases were paper, yard waste and glass. Industrial data carried over from 2021 with no change.

Description	Res/Com	Industrial	Totals
Appliances	300.00		300.00
Lead-Acid Batteries	20.00		20.00
Dry Cell Batteries			0.00
Food (Composted)	1,829.82	27.00	1,856.82
Food (Other)		0.00	0.00
Glass	1,221.31	37.76	1,259.07
Household Hazardous Waste <sup>2</sup>	11.30		11.30
Ferrous Metals	1,626.74	122,541.62	124,168.36
Non-Ferrous Metals	1,214.48	11,849.77	13,064.25
Non-Exempt Foundry Sand <sup>3</sup>		5,098.73	5,098.73
Corrugated Cardboard	17,688.73	6,215.42	23,904.14
All other paper	3,139.24	373.42	3,512.67
Plastics	1,204.57	2,973.13	4,177.70
Rubber (not including tires)		0.00	0.00
Passenger Tires	7,164.38		7,164.38
Textiles		0.00	0.00
Used Oil <sup>4</sup>	1.00		1.00
Wood	3,439.61	17,539.38	20,978.99
Yard Waste	31,668.10		31,668.10
Commingled Recyclables <sup>5</sup>	4,139.28	168.85	4,308.13
Electronics (all residential)	3.84		3.84
Christmas Trees			0.00
Misc: Elastomer gel, Powder Coat			0.00
Misc Metal			0.00
Other (OEPA)	875.07		875.07
Recovered Wood Pulp			
Metal Drums			0.00
Lamps, Bulbs, and ballasts			0.00
Ballast			0.00
Styrofoam			0.00
<b>Totals</b>	<b>75,547.47</b>	<b>166,825.07</b>	<b>242,372.55</b>
<b>Difference from 2021</b>	<b>3,919.42</b>	<b>0.00</b>	<b>3,919.42</b>
	1.64%	0.00%	1.64%