

Summit Akron Solid Waste Management Authority dba

reworks

Lead, Teach, Act — Target Zero

EXECUTIVE SUMMARY

DRAFT
Summit County Solid Waste
Management Plan Update
Planning Period 2021-2036

Introduction and Solid Waste Planning Process

What is ReWorks?

ReWorks is the **solid waste management authority** for Summit County. Our legal name is The Summit Akron Solid Waste Management Authority. However, in effort to better deliver our mission and build awareness of our vision, we began doing business as ReWorks in 2013.

What is a Solid Waste Management Authority?

There are 52 solid waste management authorities/districts covering the 88 counties of Ohio. Created under Ohio House Bill 592 in 1989, solid waste management authorities/districts have the mission to reduce reliance on landfills and must create and update a **Solid Waste Plan** to fulfill that mission.

What is a Solid Waste Plan?

About every 5 years, ReWorks must update, receive approval, and implement a solid waste plan ("Plan"). The Plan must show adequate landfill capacity for solid waste generated in Summit County and demonstrate how ReWorks will achieve the nine required recycling and reduction goals of the State Solid Waste Plan. The Plan and updates must go through a public comment period, a public hearing and **ratification**.

What is Ratification?

After reviewing the Plan and providing comments, at least 60% of the population represented by the townships, villages and cities of Summit County must ratify the Plan through a **resolution**. If 60% is not reached, the Plan is not ratified, and ReWorks will be ordered to implement a Plan written by the Ohio EPA.

A sample **resolution** for ratification for cities, townships and villages can be found at www.summitreworks.com. ReWorks is available to attend council or trustee meetings to provide a summary of the Plan and to answer questions.

The 30-day Public Comment Period is from October 27, 2020 to November 25, 2020, and the virtual Public Hearing is on November 17, 2020. Public comments on the Plan can be mailed to ReWorks at 2711 W. Market St., Unit 13620, Fairlawn, OH 44333 or emailed to planner@summitreworks.com by November 25, 2020 at 4:00PM.

Due to COVID-19 precautions, a physical copy of the Plan is available by appointment only. Contact ReWorks at 330-374-0383 by November 24, 2020 by 4:00PM.

The Draft Plan can be viewed at www.summitreworks.com

ReWorks' Priorities During the Planning Period

- Continue to provide the existing recycling and waste diversion programs and services.
- Increase efforts to address food waste management.
- Increase outreach/education on curbside recycling and waste reduction.
- Utilize Community Recycling Assistance Grant to better serve municipalities with recycling and waste diversion.
- Relocate administrative offices and the addition of a service center.

Summary of Chapters and Appendices

The Ohio EPA format for solid waste plans include 6 chapters and 21 appendices. Chapters provide an overview of the Plan while the appendices provide more detail. Besides the first chapter which reviews the planning process covered above in this document, below are key points to the chapters.

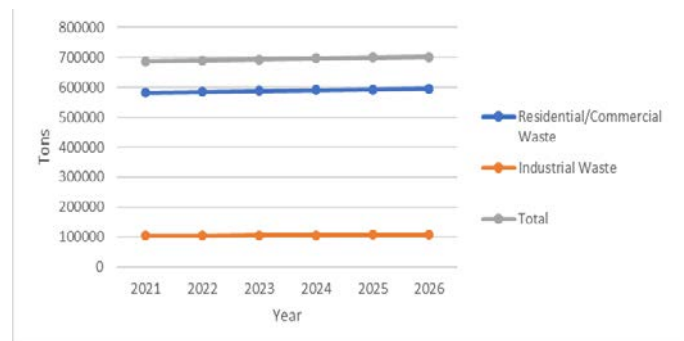
Chapter 2: ReWorks Profile

- Each Plan update must state a calendar year for collecting data that will serve as baseline data. For this Plan the reference year is 2017.
- The total population of Summit County in the reference year (2017) is 542,511.
 - According to the Ohio Department of Development's April 2018 Population Projections, Summit County's population is meant to decrease annually at a rate of 414 to 678 depending on the 5-year time period being examined. The projections used for the planning period adhere exactly to this schedule.

Chapter 3: Waste Generation

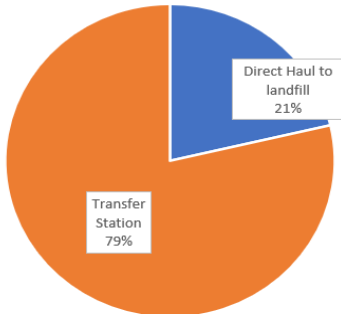
- Summit County's per capita generation rate was determined to be 6.09 PPD (pounds per day). This matches with the statewide average of 6.09 PPD
- No major variation in waste generation is projected for the planning period.

Figure 3-6: Generation Projections (Waste and Recycling Combined)



Chapter 4: Waste Management

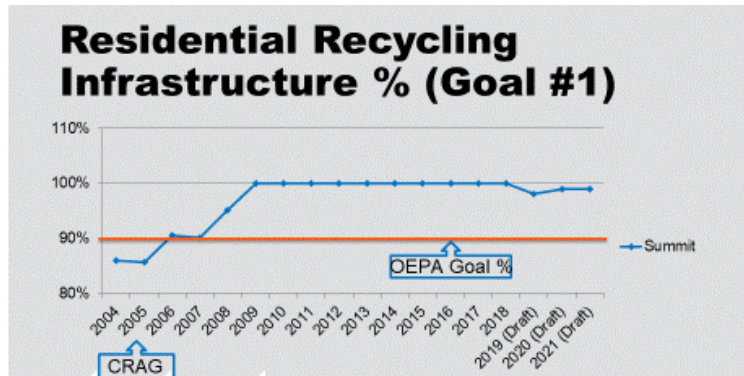
Direct Haul and Transfer Station Percentages



- There are no active solid waste landfills and three active solid waste transfer facilities in Summit County. Most of the waste from Summit County goes through a transfer facility before being hauled to a landfill outside of Summit County. This trend is expected to continue. (chart to the right is 2017 data).
 - Surrounding landfill capacity is adequate for the planning period for the disposal of Summit County waste.
 - Compost facilities, scrap metal recyclers, fiber recyclers, and other processing facilities for waste diversion are inventoried in Chapter 4.
- Two privately owned Material Recovery Facilities (MRFs) exist in Summit County for the sorting and marketing of recyclables collected through Summit County residential curbside recycling programs and commercial recycling collections.

Chapter 5: Waste Reduction and Recycling

- The Residential Curbside Recycling Infrastructure Goal (Ohio EPA Goal #1) requires at least 90% of the population must have the ability to recycle through curbside or drop off recycling programs. The Plan indicates this goal will continue to be met for the duration of the planning period.
 - Summit County has a well-established residential recycling infrastructure. ReWorks has directed grant funds and efforts toward establishing this residential infrastructure since 2005. Of the 31 political subdivisions in Summit County in the reference year 2017, all had either curbside or drop off recycling opportunities. The two largest cities offer municipally operated curbside trash and recycling services. Most have exclusive contracts with the private industry to provide trash and curbside recycling. A few offer recycling drop off centers as a supplement to their curbside recycling programs. Each city, township, or village determines what type of program will be available for their residents.



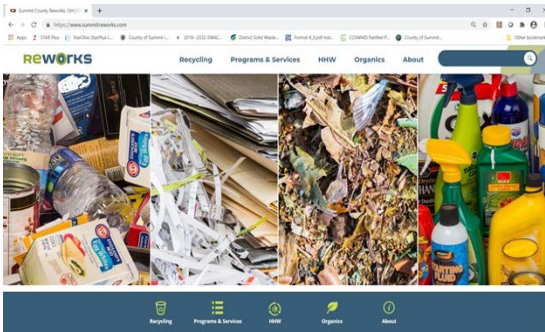
- The Waste Reduction and Recycling Goal (Ohio EPA #2) requires at least 25% recycling for the residential/commercial portion of the waste stream. The Plan indicates this goal will continue to be met for the duration of the planning period.

Table 5-3: Residential/Commercial Waste Reduction and Recycling Rate

Year	Recycled/Composted	Disposed	Total Generated	Waste Reduction & Recycling Rate (%)
2021	156,971	425,053	582,024	26.97%
2022	158,399	426,322	584,720	27.09%
2023	159,833	427,590	587,423	27.21%
2024	161,273	428,858	590,131	27.33%
2025	162,719	430,126	592,846	27.45%
2026	163,272	431,395	594,667	27.46%

- Achieving Goal #2 is dependent on the quality of data gathered from recycling, composting, and other processing facilities. In the absence of mandatory reporting, this Plan explains ReWorks continued effort to improve gathering of data recycling, including an addition of a database system to house all recycling data in one source.
- Programs and services offered by ReWorks through the Plan aimed at achieving the Waste Reduction and Recycling Goal.
 - Residential Services
 - Household Hazardous Waste Recycling Center
 - Document Shredding and Recycling Events
 - Electronics Collection
 - Food Waste Collection and Reduction
 - Scrap Tire Collection
 - New: Target Material Recycling
 - ReWorks will continue to review infrastructure, technologies, and recycling opportunities for difficult to manage materials. ReWorks will promote economically and environmentally sound methods to manage these material as they become available. Materials may include, but are not limited to: textiles, glass and mattresses.
 - Cities, Townships, Villages
 - Community Recycling Assistance Grant (CRAG)
 - All cities, townships and villages of Summit County are eligible to receive CRAG funds. Since 2005, CRAG has provided financial support for residential recycling infrastructure (i.e. curbside recycling and drop off recycling programs), composting and waste diversion efforts.
 - Contract Guidance for Curbside Trash and Recycling Service Agreements

- Commercial/Industrial/Institutional Services
 - Waste and Materials Management Consultation
 - Includes technical support on implementing recycling and waste reduction practices.
 - Recycling Collection Service for qualified entities through the Commercial Single Stream Recycling Program
 - Serve as sponsor for Ohio EPA Market Development Grants for businesses looking to purchase equipment to improve recycling markets.
- Maintain a service agreement with Summit County Public Health to perform services related to solid waste enforcement.
- Outreach, Education, Awareness



- Webpage/Social Media, Newsletter, Presentations/Speakers
- Resource Guide for Local Recycling Solutions
- Countywide education and outreach for residential curbside/drop off recycling
- Outreach and awareness on waste reduction
- cReate Works: Annually, a group of artists is challenged to create art to share a message about the practices of reduce, reuse, and recycle
- Awareness of composting food scraps at local community gardens while supporting the market development of large-scale food waste compost through the Grow Green Compost Give Away

Chapter 6: Budget

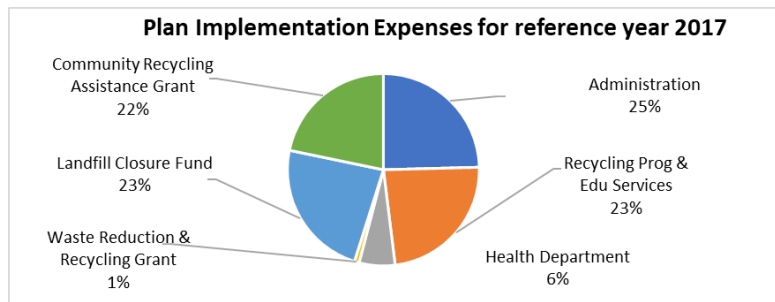
- This Plan demonstrates ReWorks in a strong financial state during the planning period. This presents the opportunity to incur capital expenses for the expansion of services and programs defined as allowable use of Generation Fees under the Ohio Revised Code. This is possible without having to increase fees by using the fund balance and redirecting funds previously allocated for landfill closure. The Plan includes projects like the relocation of administrative offices, addition of a service center, and supporting infrastructure for the management of food waste and other organics.

Year	Revenue	Expenses	Net Difference	Ending Balance
Reference Year				
2017	\$2,575,095	\$2,249,700	\$325,395	\$3,090,118
Planning Period				
2021	\$2,447,660	\$3,333,954	(\$886,294)	\$2,382,683
2022	\$2,446,102	\$2,854,898	(\$408,796)	\$1,973,886
2023	\$2,454,547	\$2,565,145	(\$110,597)	\$1,863,289
2024	\$2,462,996	\$2,368,859	\$94,137	\$1,957,426
2025	\$2,471,448	\$2,137,574	\$333,874	\$2,291,300
2026	\$2,479,904	\$2,159,551	\$320,353	\$2,611,653

- No increase in Generation Fees: More than 94% of ReWorks’ revenue comes from a \$5/ton Generation Fee assessed on every ton of trash generated in Summit County. Landfills and transfer stations receiving Summit County waste submit generation fees to ReWorks. The Generation Fee has not increased since 2004.

	Gen Fee/Ton	Est. Annual Revenue (480,000 tons/yr.)
General Operating Budget	\$2.80	\$1,344,000
Community Recycling Assistance Grant	\$1.00	\$480,000
Landfill Closure Fund	\$1.20	\$576,000
Total	\$5.00	\$2,400,000

- An agreement between Reworks and the City of Akron has been in effect for the purpose of funding the closure and post closure of Hardy Road Landfill. It is projected that this financial obligation will be met at the end of 2024 allowing for funds to be redirected towards other goal-related efforts.



- Relocation of Administrative Offices and Addition of Service Center
 - ReWorks plans to relocate administrative offices and combine them with a service center, ideally on the same property, but potentially at properties near each other. This project is contingent upon approval of the ReWorks Board of Trustees and Strategic Planning Committee and is set for expenditures to occur during the planning period.
 - A service center would allow for ReWorks to manage and increase opportunities to divert difficult to manage materials. This may include items like glass or electronics. Then the material would be sent directly to facilities that have economically and environmentally sound processing methods.
 - By relocating ReWorks administrative offices to a more publicly accessible location, ReWorks can increase outreach on recycling, composting and waste reduction by hosting presentations and hands on training.