



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION

Division of Solid Waste Management
Davy Crockett Tower, 7th Floor
500 James Robertson Parkway
Nashville, Tennessee 37243

October 9, 2024

Mr. Nick Jackson, Chair
Knox County Municipal Solid Waste Region
205 West Baxter Avenue
Knoxville, TN 37917

CERTIFIED MAIL
9589 0710 5270 0906 3992 29
RETURN RECEIPT REQUESTED

Subject: State Waste Reduction and Diversion Goal - Knox County

Dear Mr. Jackson,

Tennessee Department of Environment and Conservation (TDEC) Division of Solid Waste Management (DSWM) is pleased to inform you that the Knox County Municipal Solid Waste Region achieved the 25% waste reduction and diversion goal as presented in Tennessee Code Annotated (TCA) §68-211-861 and Tennessee Solid Waste Processing and Disposal Rule (TN Rule) 0400-11-01-.09.

According to the solid waste and diversion data gathered as part of the 2023 Annual Progress Report, the region achieved a 48% diversion rate. DSWM also received the yearly update to the region's 10-year solid waste plan.

If you should have any questions, please contact Amy Katcher at 423-377-3373 or by email at Amy.Katcher@tn.gov.

Sincerely,

A handwritten signature in blue ink that reads "Amy Katcher". The signature is fluid and cursive.

Amy Katcher
Materials Management Program Manager

cc: Glenn Jacobs, County Mayor
Drew Thurman, Solid Waste Policy & Planning Manager
John LeCroy, Regional Director of External Affairs
Lisa A. Hughey, CHMM, Director, DSWM

2023 Annual Progress Report 2023 TDEC Survey Response 2023 Waste & Recycling Reports (calendar year)

Purpose of Document:

This document provides information for updating the Regional Solid Waste Plan, reporting the region's annual progress on waste reduction and diversion requirements, answering survey questions, and presenting quantitative waste and recycling totals from the previous calendar year. It is a facsimile of the data entered into an online reporting tool called MyTDEC Forms, as required by state law. Although the author strives for accuracy, reporting accuracy can vary greatly among reporters. The highest quality information is provided by the City of Knoxville and Knox County regarding their public collection programs. TDEC conducts a quality control review after the region's reporting is finalized, so the totals here may differ from those presented by State of Tennessee agencies. TDEC officials issue a letter regarding progress and compliance with required diversion targets after reviewing the reporting.

The Knox County Regional Solid Waste Board receives this report at a public meeting where they may question the authors about the process and information reported. The Board approves the report by authorizing the Board Chair to sign off electronically on the final document in the MyTDEC reporting system. The reporting is finalized when both the Board Chair and the Knox County Mayor complete a final review and sign-off through MyTDEC forms.

The information in the report is used by the Solid Waste Board and local solid waste offices for guidance in making solid waste decisions and formulating solid waste policies for the region. While the region's plan is developed cooperatively, the City and County Solid Waste programs may take independent action as needed, without consulting each other or following the plan. Therefore, nothing stated or reported in this document should be construed as a limit on County or City authorities.

For questions about this document or solid waste assistance within Knox County, contact Knox County Solid Waste at 865-215-5865 or email solidwaste@knoxcounty.org.

References in Tennessee Code Annotated (T.C.A.) about Waste Plans and Annual Reporting

- T.C.A. 68-211-814 Municipal solid waste region plans — Authority of region or solid waste authority after approval. —
- T.C.A. 68-211-815 Municipal solid waste region plans — Contents. —
- T.C.A. 68-211-871 Annual report — Contents — Annual progress report — Sanctions for noncompliance — Annual reports by recovered materials facilities. —

10 Year Plan Section

County:

Knox County

Upload current 10-year plan

Uploaded last update to the original 10-year plan.
2023 Plan Reporting 2022 Data.pdf (plan approved in 2023 by Board)

Updates to 10 Year Plan

Memo stating no update needed uploaded

APR Sign off

Has the Board Voted On the APR and 10 Year Plan?

Yes

Once the APR and 10 year plan have been voted on by the Board then please upload minutes and sign.

Please enter the names of the board members present at the vote.

Nick Jackson
Ronnie Nease
Jay Price
Patience Melnik
Vincent Leray

Are You Able to Sign Electronically?

Yes

Review

This step allows you to review the form to confirm the form is populated completely and accurately, prior to certification and submission.

Please note: Any work you perform filling out a form will not be accessible by Tennessee Department of Environment and Conservation staff or the public until you fully submit the form in the final step. At the time of submission, it will be transmitted to Tennessee Department of Environment and Conservation and it will become part of the public record, accessible per the Freedom of Information Act.

Signing

Choose Signers

Will you need any others to sign this form?

Yes, I need to invite other users to sign.

Invite Signers

Please fill in information for any users who will need to sign. When you finish this process, they will each be sent an email invitation to sign the form.

Nick Jackson, Board Chair

Mayor Glenn Jacobs, Knox County Mayor

APR and Grant Questionnaires Section

County Name

Knox

Report Year

2023

1. Are there any policies, statutes, rules, protocols or ordinances that inhibit the county and municipalities from having effective programs? Reference specific statutes, rules, policies or documents when answering the question.

Focus on Demand Generation:

Statewide focus has been too reliant on increasing the “collection” or “supply” of recyclables. We should have a statewide whole of government approach focusing on increasing “demand” and market development. Agencies such as TDEC, TNECD (Economic Development), and TDOT should collaborate to recruit and invest in industry leading to increased demand for recyclables as raw materials. Laws should require incorporation of recyclable items into state-funded infrastructure such as shingles/tires in roads to increase demand of these recyclables.

Tire Program/Law/Rules: Knox County waste officials have meaningful suggestions on any process to change laws, rules, regulations, or guidance related to tires, tire taxes/fees, recycling, beneficial end use, proper handling, storage, processing, and disposal.

Litter vs Container Collection Program: A group is suggesting a repeal of the litter grant to be replaced with a container capture program. Knox waste officials want to capture food and beverage containers but do not support a “repeal and replace” model that would eliminate the litter grant. We favor market development over collection mandates. Collection mandates narrowly focus on collection and create additional burdens on existing collection programs. Littered containers are a problem, but so are small items such as cigarette butts, flimsy plastics, plastic bags, foamy plastic, straws, and other small light weight/small items. Increasing container collection doesn't affect these items.

Microplastics and Proper Disposal: There is an increasing concern about waste, recycling, and microplastics. There are also people that do not fully appreciate the importance of safe sanitary disposal provided by landfills. More education is needed to properly value the service Class I landfills provide when paired with proper materials management.

2. Are there any parts or utility of the 10 Year Solid Waste and Materials Management Statewide Plan, Plan Update or Annual Progress Report the county and municipalities do not understand?

No.

3. What role can Materials Management play to be the biggest resource to the county and its municipalities?

To ensure success in setting TDEC policy goals and executing effective plan strategies, it is essential to engage county waste officials as key stakeholders in the process.

4. What areas would you like to see the Division of Solid Waste Management focus on in coming years to help the county and municipalities be successful implementing the Region's plan and programs?

There is great potential to transform waste materials into valuable resources, but a county-by-county approach may not be enough to achieve meaningful, sustainable progress. Instead of focusing solely on individual county collection systems, a cooperative approach that involves state and local governments, industry, the private sector, and statewide development groups, could bring about major advancements in recycling, proper disposal, end-market development, economic growth, environmental law enforcement, toxic material removal, legacy dumpsite remediation, mitigation of climate change, and environmental protection. By embracing a collaborative strategy, tailored actions can be taken that are mutually beneficial, rather than relying on a top-down approach that lacks input from all stakeholders.

5. What is needed in the county and municipalities to further waste reduction, recycling, diversion or end markets in Tennessee?

Revitalizing Statewide Waste Materials Management:

The current focus on collection without sufficient end markets has proven to be an ineffective strategy, leading to a lower value for the waste and recycling industry both nationally and statewide. It's time to pivot towards a more comprehensive approach. In partnership with State Economic Development authorities, the State should aim to cultivate thriving markets beyond simple collection efforts by fostering growth in processing, manufacturing, and industries that invest in feed stocks, becoming end-users for collected materials. As a prime example, the State could incentivize paper packaging manufacturers to establish or expand processing and manufacturing facilities that use recycled materials. This would increase the value of paper, reduce collection costs, and drive economic growth and job creation across the region, while also addressing the challenge of relying on global supply chains and fluctuating values of collected materials. Another example of this is how the State of Tennessee recently announced that Ford will be manufacturing batteries in Tennessee. This type of development may lead to increased demand for old batteries due to necessary inputs for manufacturing new batteries, but a strategic approach would be for the state to also recruit a battery recycling company in order to dovetail with this potential need by the manufacturer.

6. §68-211-871(b) requires an annual progress report on the implementation of the regional comprehensive integrated municipal solid waste management plan. What steps are the county and municipalities taking locally to contribute to regional plan implementation?

Knox County operates in accordance with all applicable laws, statutes, and guidelines, while continuously upholding best practices and making necessary changes to comply with TDEC regulations. The county's officials advocate for a collaborative and participatory approach towards waste planning and management, recognizing that support from large counties benefits not only the citizens of Knox County, but also the state of Tennessee as a whole.

7. Describe any success stories on programs or efforts made in the last year

With funding from a Keep Tennessee Beautiful Enforcement Grant, Knox County conducted periodic compliance checks at our Convenience Centers, focusing on several key areas: ensuring loads are properly covered, verifying Knox County residency to prevent illegal dumping by out-of-county residents, and identifying commercial waste being illegally disposed of. The checks utilized 2-3 Sheriff deputies during several visits to all locations, where we inspected loads, checked IDs for residency, and turned away businesses not permitted to use the centers. This approach not only increased awareness through the distribution of informational and warning flyers but also led to enforcement actions where necessary. This project significantly contributed to compliance and proper use of Knox County Convenience Centers.

Key Metrics:

- Conducted 18 compliance checks across various locations and times.
- Engaged and informed 3,100 individuals about litter/tarp laws and center rules.
- Issued 323 warnings for compliance issues, including unsecured loads, commercial dumping, and out-of-county use.
- Provided 640 tarps and bungees to users needing to secure their loads.
- Sent approximately 10 letters to repeat offenders, warning of potential prosecution for theft of service.
- Issued 1 formal court citation related to vehicle registration violations.

Grant Questionnaire Section

County-level or Municipality?

- County
- Municipality

What grants would the county and municipalities like to see TDEC promote in the next two years?

- Access Improvements/Carts
- Convenience Centers
- Education and Outreach
- Hub and Spoke
- Measurement
- New Technologies
- Organics Management/Composting
- Recycling Equipment
- Technical Assistance
- Waste Reduction
- Other

What are the county and municipalities biggest needs for this next calendar year? Grant demonstration of need and priority will be determined through answering these questions.

- Education and Outreach
- New Equipment
- Expand Infrastructure
- Facility Upgrades
- New Infrastructure
- Technical Assistance Providers
- Upgrade Equipment
- Other

Explain Equipment Needs and Facility Upgrades

TDEC funding traditionally emphasizes recycling and waste reduction initiatives. It is imperative to underscore the necessity of equally prioritizing the maintenance, repair, and replacement of waste collection equipment and facility upgrades. The effective management of waste collection and disposal systems is not only a matter of operational efficiency but a fundamental public health concern. Local governments are tasked with the dual responsibility of advancing recycling, reduction, and diversion efforts while ensuring the integrity and reliability of waste collection and disposal services. Given the critical role that proper waste management plays in safeguarding public health and the environment, it is essential that funding strategies are realigned to elevate the priority of waste equipment and facility enhancements to the same level as recycling and waste reduction projects. Adequate investment in all facets of waste and recycling infrastructure is paramount to achieving comprehensive waste management and resource conservation goals.

County-level or Municipality?

- County
- Municipality

Municipality

Knoxville

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- New Equipment
- Expand Infrastructure
- Facility Upgrades
- New Infrastructure
- Technical Assistance Providers
- Upgrade Equipment
- Other

Explain Equipment Needs and Facility Upgrades

No further comments.

**County and Municipal Residential
Recycling and Diversion Entries Section**

Entry 1. Residential Recycling and Diversion

County-level or Municipality?

County

Contact Name

Drew Thurman

Title

Policy and Planning Manager

Address

205 West Baxter Avenue
Knoxville, TN 37917

County
Knox

Material	Material Weight	Unit Type	Tons	Collected Curbside
Ferrous Scrap	3514.50	TONS	3514.50	no
Non-Ferrous Scrap - Tin	48.60	TONS	48.60	no
Non-Ferrous Scrap - Aluminum Beverage Containers	74.20	TONS	74.20	no
Oil Filters	6.40	TONS	6.40	no
Old Corrugated Containers PS-11 (OCC)	2203.80	TONS	2203.80	no
Mixed Paper PS-54 (MP)	760.70	TONS	760.70	no
PET #1 and HDPE #2 Mixed	594.90	TONS	594.90	no
Lead-Acid	10.40	TONS	10.40	no
Used Oil	190.60	TONS	190.60	no
Antifreeze	23.20	TONS	23.20	no
Single Stream	8.20	TONS	8.20	no
Agricultural, Landscape, and Yard Trimmings	30015.33	TONS	30015.33	no
Predisposal Fee Scrap Tires Recycled	1483.14	TONS	1483.14	no
			38,934	Total Tons

Use the multi-select boxes below to indicate which items you collect in your single stream program.

- OCC
- Mixed Paper
- Cartons
- Plastic Containers: Resins #1 and 2
- Plastic Containers: Resins #3-7
- Rigid Plastics: Resins #2 and 5
- Aluminum Cans
- Tin Cans
- Aerosol Cans
- Glass Bottles and Jars

Disaster Debris

Select Debris Type	Enter Weight	Unit Type	Total Tons
Agricultural, Landscape, and Yard Trimmings	522.57	TONS	522.57
Agricultural, Landscape, and Yard Trimmings	21066.26	CY	29492.76

30,015 Total Tons

Comments
None

Entry 2. Residential Recycling and Diversion

County-level or Municipality?

County

Municipality

Knoxville

Contact Name

Makenzie Read

Title

Waste and Resources Manager

Address

City of Knoxville -Waste
400 Main Street #520
Knoxville, TN 37902

County

Knox

Material	Material Weight	Unit Type	Tons	Collected Curbside
Ferrous Scrap	54.30	TONS	54.30	no
PET #1	237.40	TONS	237.40	no
MRF Glass (Tri-Color) Cullet	757.50	TONS	757.50	no
Mixed Paper PS-54 (MP)	454.50	TONS	454.50	no
Old Corrugated Containers PS-11 (OCC)	725.70	TONS	725.70	no
Ferrous Scrap	5.90	TONS	5.90	no
Old Newsprint Paper PS-58 (ONP)	233.10	TONS	233.10	no
Single Stream	4840.80	TONS	4840.80	yes
Food Waste (Composted)	7.00	TONS	7.00	no
Agricultural, Landscape, and Yard Trimmings	32908.00	TONS	32908.00	no
			40,224	Total Tons

Use the multi-select boxes below to indicate which items you collect in your single stream program.

OCC

Mixed Paper

Cartons

Plastic Containers: Resins #1 and 2

Plastic Containers: Resins #3-7

Rigid Plastics: Resins #2 and 5

Aluminum Cans

Tin Cans

Aerosol Cans

Glass Bottles and Jars

Disaster Debris

Select Debris Type	Enter Weight	Unit Type	Total Tons
Agricultural, Landscape, and Yard Trimmings	5343.70	TONS	5343.70

5,344 Total Tons

Comments

City reports they submitted 5343.7 tons for FEMA reimbursement. This was brush collected 8/8/2023-9/8/2023 – the day after the storm until they got back on collection schedule and cleaned up all the parks.

Entry 3. Residential Recycling and Diversion

County-level or Municipality?

County

Contact Name

Makenzie Read, Drew Thurman

Title

City-County Household Hazardous Waste (HHW) Facility

Address

1033 Elm Street
Knoxville, TN 37921

County

Knox

Material	Material Weight	Unit Type	Tons	Collected Curbside
HHW	15.20	TONS	15.20	no
Electronics/E-scrap	7.10	TONS	7.10	no

22 Total Tons

Use the multi-select boxes below to indicate which items you collect in your single stream program.

Not applicable (nothing selected)

Comments

These numbers are from the City-County Household Hazardous Waste (HHW) Facility which is operated by the City of Knoxville but jointly and equally funded between Knox County and the City of Knoxville. All residents in the County are allowed to drop off HHW materials free of charge.

County Infrastructure Section

County Information

County Name

Knox

Report Year

2023

County Contact

Drew Thurman

Title

Policy and Planning Manager

Phone Type

Business

Phone Number

865-215-5865

Email

solidwaste@knoxcounty.org

Address

205 West Baxter Avenue
Knoxville, TN 37917

Do your local governments provide curbside for recycling or solid waste?

Yes

No

Comments

Knox County provides more than the minimum required number of Convenience Centers. There is a robust private sector market open for competition to provide curbside waste and recycling to virtually all County residents for a fee.

Are there local government run convenience centers?

Yes

No

Are there local government run recycling centers?

Yes

No

Are there local government run green box sites?

Yes

No

County Convenience Centers

Closed on County observed holidays.

Convenience Centers	Hours	Address	Zip code	Permit#
Carter	Closed Wed/Sun; M, T, Th, F 8am-6pm; Sat 7am-3pm	8815 Asheville Highway	37924	47-0027
Dutchtown	Closed Wed/Sun; M, T, Th, F 8am-6pm; Sat 7am-3pm	10618 Dutchtown Road	37932	47-0022
Halls	Closed Wed/Sun; M, T, Th, F 8am-6pm; Sat 7am-3pm	3608 Neal Drive	37918	47-0483
John Sevier	Closed Wed/Sun; M, T, Th, F 8am-6pm; Sat 7am-3pm	1950 West Governor John Sevier	37920	47-0449
Karns	Closed Wed/Sun; M, T, Th, F 8am-6pm; Sat 7am-3pm	6930 Karns Crossing Lane	37931	47-0563
Powell	Closed Wed/Sun; M, T, Th, F 8am-6pm; Sat 7am-3pm	7311 Morton View Lane	37849	47-0532
Tazewell/Gibbs	Closed Wed/Sun; M, T, Th, F 8am-6pm; Sat 7am-3pm	7201 Tazewell Pike	37721	47-0526

Material Types Accepted

- Metal
- Aluminum
- PET #1
- HDPE #2
- OCC
- Mixed Paper
- Used Oil
- Antifreeze
- Transmission Fluid
- Textiles
- Pallets
- Electronics/E-scrap
- Mattresses
- Lead-Acid
- Dry Cell
- Grease/Cooking Oil
- PET #1 and HDPE #2 Mixed

Recycling Centers

City of Knoxville Drop-off Recycling Centers

Area	Description	Description	Address
West	Cedar Bluff -City Recycling Center	8 a.m. -8 p.m. Daily	341 Parkvillage Road, Knoxville
East	Chilhowee Park/Magnolia Ave -City Recycling Center	8 a.m. -8 p.m. Daily	210 Alice Street, Knoxville

Downtown	Old City -City Recycling Center	8 a.m. -8 p.m. Daily	227 Willow Avenue, Knoxville
South	Chapman Highway -City Recycling Center	8 a.m. -8 p.m. Daily	225 W. Moody Avenue, Knoxville
North	Goodwill Store -City Recycling Center	8 a.m. -8 p.m. Daily	5412 Pleasant Ridge Rd, Knoxville

Material Types Accepted

- Metal
- Aluminum
- PET #1
- HDPE #2
- PET #1 and HDPE #2 Mixed
- OCC
- Mixed Paper
- Glass
- Textiles

Recycling Centers

University of Tennessee Drop-off Recycling Centers

If you have any opening or closing hours that are different from those above, please describe below

24/7 Public Recycling Drop-Off. The Public Drop-Off is located at 2121 Stephenson Drive Dock 24 and is open 24 hours a day, 7 days a week.

Area	Description	Description	Address
UT	University of Tennessee Recycling Drop-off	Not Applicable	2121 Stephenson Drive

Material Types Accepted

- Metal
- Aluminum
- PET #1
- HDPE #2
- PET #1 and HDPE #2 Mixed
- OCC
- Mixed Paper
- Glass
- Textiles
- Electronics/E-scrap
- Lead-Acid
- Dry Cell
- Pallets
- Mixed Plastics #3 - #7
- PVC #3
- LDPE #4

- PP #5
- PS #6
- ABS #7
- All Other Plastics #7

County Operations Section

County

Knox

Report Year

2023

Obstacles 1.

County-level or Municipality?

County

- Funding
- Citizen Apathy
- Lack of Support
- Education
- Markets
- Staff
- Other

Please Describe (other)

participation in drop-off, willingness to pay for services.

Comments

City and County only collect items for recycling if there is a market available. Without robust markets citizens are not encouraged to continue recycling. Citizens are less likely to participate in source separated drop offs.

Obstacles 2.

County-level or Municipality?

Municipality

Municipality

Knoxville

- Funding
- Citizen Apathy
- Lack of Support
- Education
- Markets
- Staff
- Other

Comments

Left blank.

Composting 1.

County-level or Municipality?

Knox County

MATERIALS COLLECTED OR DIVERTED (CHECK ALL THAT APPLY)*

- Land-clearing debris
- Yard-trimmings
- Pre-consumer food and produce
- Post-consumer food and produce
- Bio-Solids
- Other

WHO PERFORMS THE SERVICES? (CHECK ALL THAT APPLY)*

- Publicly Operated
- Public Ownership and Private Operation
- Private Ownership and Private Operation
- Private Processing on Public Land

PRODUCTS PRODUCED (CHECK ALL THAT APPLY)*

- Mulch
- Compost
- Land Application

Does the county or its municipalities offer assistance for backyard composting?*

No

Composting 2.

County-level or Municipality?

Municipality

Municipality

Knoxville

MATERIALS COLLECTED OR DIVERTED (CHECK ALL THAT APPLY)*

- Land-clearing debris
- Yard-trimmings
- Pre-consumer food and produce
- Post-consumer food and produce
- Bio-Solids
- Other

WHO PERFORMS THE SERVICES? (CHECK ALL THAT APPLY)*

- Publicly Operated
- Public Ownership and Private Operation
- Private Ownership and Private Operation
- Private Processing on Public Land

PRODUCTS PRODUCED (CHECK ALL THAT APPLY)*

- Mulch
- Compost
- Land Application

Does the county or its municipalities offer assistance for backyard composting?*

Yes

Disaster Debris or Storm Event

In the last year, did a disaster debris or storm event increase the tonnage of organics diversion or disposal for the county or its municipalities?

Yes

Does your local government have a disaster debris plan according to TCA 68-211-815 (b) (16)?

Yes -Knox County has a plan adopted by the Solid Waste Board

Has the County submitted a draft to TDEC to file?

Yes

Uploaded Current DDMP

2023-02-14 DDMP uploaded.

Education Efforts 1.

County-level or Municipality?

County

Program Name

Knox County Educational Campaigns

Program Sponsor

Knox County Government

Program Objective

Educational initiatives targeting residents about services offered by Knox County as well as providing general information about other available services in the County.

Number Served

County-Wide

Program Type

- Signage
- Brochures
- Classroom
- Community Outreach
- Mailings
- Newspaper
- Public Access
- TV
- Radio
- Special Events

- Social Media
- Website
- Workshops
- Other

Please Describe (other)

online newsletters and blogs

Focus Area

- Solid Waste
- Recycling
- Diversion
- Source Reduction
- Organics
- Operational Functions (use of CCC, HHW Events, etc.)

Program Target Audience

- Adult/General Public
- Business/Industry
- Government/Institutional
- Children/Educators Media
- Civic/Environment

Comments

Our educational approach at Knox County focuses on making information widely accessible and engaging with the community through a variety of methods. We aim to be proactive and informative, whether through publicly posted information, responding to media inquiries, participating in community events, or supporting other programs. While our range of activities may vary, our commitment is to provide thorough and helpful information to anyone seeking to understand waste management and recycling practices in Knox County.

Education Efforts 2.

County-level or Municipality?

Municipality

Municipality

Knoxville

Program Name

City of Knoxville Educational Campaigns

Program Sponsor

City of Knoxville Government

Program Objective

Educational initiatives targeting residents about services offered by the City of Knoxville as well as providing general information about other available services in the City of Knoxville.

Number Served

County-Wide

Program Type

- Signage
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Program Target Audience

- Adult/General Public
- Business/Industry
- Government/Institutional
- Children/Educators Media
- Civic/Environment

Comments

Our educational approach at the City of Knoxville focuses on ensuring information is readily available and engaging for the community through various channels. We aim to be proactive and informative in our communications, from publicly posted information to responding to media inquiries and participating in community events. Our commitment extends to providing detailed and supportive information to anyone seeking to learn about waste management and recycling practices within the City of Knoxville.

Funding for Programs (Educational) 1.

County-level or Municipality?

County

How is the program funded?

Other

Total Funding (\$)

\$0 (not itemized)

Please Describe

Solid Waste Budget

Funding for Programs (Educational) 2.

County-level or Municipality?

Municipality

Municipality

Knoxville

How is the program funded?

Other

Total Funding (\$)

\$0 (not itemized)

Please Describe

Solid Waste Budget

Contracts 1.

County-level or Municipality?

County

Contractor	Budgeted Amount	Start	End	Type
Waste Connections -Roll-off Hauling	None Specified	6/1/2021	6/1/2026	Contract
Waste Connections -MSW Disposal	None Specified	10/1/2020	10/1/2030	Contract
Meridian Demolition Landfills	None Specified	7/1/2023	7/1/2033	Contract
Waste Management -Facility Waste	None Specified	7/1/2019	7/1/2024	Contract
Waste Management -Facility Recycling	None Specified	4/1/2022	4/1/2027	Contract
Westrock -Recycled Material Recovery Facility Services	None Specified	8/1/2019	8/1/2029	Contract
Spectra -Used Oil and Hydrocarbon Recovery	None Specified	1/1/2020	1/1/2025	Contract
Liberty Tire -Tire Processing	None Specified	3/1/2022	3/1/2027	Contract
Competitive Edge Refurbishing -Tire Hauling	None Specified	6/1/2021	6/1/2027	Contract
Goodwill -Attended Donation Centers	None Specified	3/1/2021	3/1/2026	Contract
Living Earth -Greenwaste	None Specified	6/1/2023	6/1/2028	Contract
Phillips and Jordan -Emergency Debris Removal	None Specified	2/1/2020	2/1/2025	Contract
Tetra Tech -Emergency Debris Monitoring	None Specified	7/1/2021	7/1/2030	Contract
Keep Knoxville Beautiful -Litter Education	None Specified	7/1/2023	7/1/2028	Contract
SA Recycling -Scrap Metal	None Specified	10/1/2021	10/1/2026	Contract

John's Mobile -Maintenance and Repair	None Specified	2/1/2021	2/1/2026	Contract
Master Battery -Battery Collection	None Specified	2/1/2020	2/1/2025	Contract
TN Gas -Cylinder Collection	None Specified	5/1/2021	5/1/2026	Contract
City of Knoxville -HHW Cost Share	None Specified	4/1/2021	4/1/2031	Contract

SERVICES PROVIDED

- Disposal
- Recycling
- Organics Collection
- Convenience Center Operations
- Transfer Station Operations
- Refuse Collection
- Construction and Demolition Collection
- Temporary Containers
- E-SCRAP

Contracts 2.

County-level or Municipality?

Municipality

Municipality

Knoxville

Contractor	Budgeted Amount	Start	End	Type
Waste Connections -Waste & Recycling Collection and Disposal	None Specified	1/1/2022	1/1/2030	Contract
Waste Connections -MSW Disposal	None Specified	10/1/2020	10/1/2030	Contract
Meridian Poplar View Demolition Landfill	None Specified	1/1/2018	1/1/2027	Contract
Westrock -Recycled Material Recovery Facility Services	None Specified	1/1/2019	1/1/2025	Contract
Living Earth -Greenwaste	None Specified	1/1/2016	1/1/2036	Contract
Green Wave -Electronics	None Specified	1/1/2016	1/1/2025	Contract

SERVICES PROVIDED

- Disposal
- Recycling
- Organics Collection
- Convenience Center Operations
- Transfer Station Operations
- Refuse Collection
- Construction and Demolition Collection
- Temporary Containers

[x] E-SCRAP

Budget (workforce/positions) 1.

County-Level or Municipality?

County

Complete the following section for the county and its municipalities that provide solid waste and/or

Number of Employees	Services	Full Time or Part Time?
33	Solid Waste	Full Time
33	Recycling	Full Time

Provide a brief explanation of employee roles noted above, if necessary:

Positions are listed twice because all employees perform both recycling and waste duties.

Budget (workforce/positions) 2.

County-Level or Municipality?

Municipality

Municipality

Knoxville

Complete the following section for the county and its municipalities that provide solid waste and/or

Number of Employees	Services	Full Time or Part Time?
11	Solid Waste	Full Time
14	Solid Waste	Part Time
2	Solid Waste	Full Time
2	Recycling	Full Time

Provide a brief explanation of employee roles noted above, if necessary:

-11 full-time employees at the Transfer Station dedicated to solid waste. All play various roles in the operations of the facility, including managing the HHW portion.

-4 full-time City of Knoxville employees for collecting downtown and park garbage.

-6 "part-time" City of Knoxville employees for downtown garbage

-4 "part-time" City of Knoxville employees for park garbage

-2 full time waste and recycling staff which are listed twice to reflect they work in both waste and recycling.

Last Fiscal Year's Solid Waste and Sanitation Fund

Please upload a copy of last Fiscal Year's Solid Waste and Sanitation Fund expenses, revenues, assets and liabilities for the county below by clicking on "Upload File" under A. Solid Waste and Sanitation Fund. Please use options B-J to upload the Solid Waste and Sanitation Fund expenses, revenues, assets and liabilities of the municipalities within the county. There are also upload options for any other additional reports, documents, and files deemed relevant to this Annual Progress Report.

Uploaded:
2024 Fiscal Year County Adopted Budget
2024 Fiscal Year City of Knoxville Adopted Budget

County, Solid Waste, and Board Contact Information

County

Knox

Report Year

2023

Glenn Jacobs

Knox County Mayor
400 Main Street, Suite 615
Knoxville, TN 37902
865-215-2005

County.Mayor@knoxcounty.org

- County Mayor/County Executive
- Solid Waste Director/Recycling Coordinator
- Solid Waste Board Chair
- Report Author (APR)

Nick Jackson (Chair)

Representing Knox County
Term Expires: 03/31/2027
Knox County Engineering and Public Works
205 West Baxter Avenue
Knoxville, TN 37917
865-215-5865

- County Mayor/County Executive
- Solid Waste Director/Recycling Coordinator
- Solid Waste Board Chair
- Report Author (APR)

Drew Thurman

Solid Waste Policy & Planning Manager
Knox County Engineering and Public Works
205 West Baxter Avenue
Knoxville, TN 37917
865-215-5865

solidwaste@knoxcounty.org

- County Mayor/County Executive
- Solid Waste Director/Recycling Coordinator
- Solid Waste Board Chair
- Report Author (APR)

Zach Johnson

Solid Waste Operations Manager
 Knox County Engineering and Public Works
 205 West Baxter Avenue
 Knoxville, TN 37917
 865-215-5865

solidwaste@knoxcounty.org

- County Mayor/County Executive
- Solid Waste Director/Recycling Coordinator
- Solid Waste Board Chair
- Report Author (APR)

Makenzie Read

Waste and Resources Manager
 City of Knoxville
 400 Main Street #520
 Knoxville, TN 37902
 865-215-2817

mread@knoxvilletn.gov

- County Mayor/County Executive
- Solid Waste Director/Recycling Coordinator
- Solid Waste Board Chair
- Report Author (APR)

Industrial, Commercial, Institutional (ICI) Report Section

Total Tons	Reporter	Submission ID
110,935.18	ICI: SA Recycling / Knox	HQ2-V3AQ-XM8EZ
62,080.67	ICI: WestRock / Knox	HQ2-V3KG-1RDAE
23,693.09	ICI: Living Earth / Knox	HQ2-V56Y-RED0M
4,662.66	ICI: Safety-Kleen Systems, Inc / Knox	HQ2-XA10-2538K
2,430.41	ICI: University of Tennessee / Knox	HQ2-T72G-V72FE
2,389.20	ICI: KARM Thrift Stores -Wholesale Department / Knox	HQ2-XAWN-04RC1
1,600.50	ICI: Liberty Tire / Knox	HQ2-V5J9-7MS6G
1,396.25	ICI: Goodwill Industries Knoxville, Inc. / Knox	HQ2-V5EX-PVSJ3
1,140.00	ICI: Southeastern Recycling LLC / Knox	HQ2-XA7A-19BZD
366.00	ICI: Swift Industrial Power / Knox	HQ2-XAVA-5CXG1
294.58	ICI: Master Battery / Knox	HQ2-XASJ-ZNJSY
75.03	ICI: Spectra Environmental / Knox	HQ2-XAQQ-V4220
1.64	ICI: TN Gas LLC / Knox	HQ2-XAMK-X6VWY

211,065.21 Total Tons

Comments:

The Industrial, Commercial, Institutional (ICI) reports above were gathered and submitted to the MyTDEC Forms system by officials from Knox County. Additionally, there are reports submitted directly by TDEC officials, including submissions from national retailers like Walmart, Dollar General, and Home Depot, which opt to report directly to the State of Tennessee. The new system restricts local report authors from viewing submissions made for their regions by TDEC officials.

Tire Section

Tire

County

Knox

Report Year

2023

Enter the total number of tires managed per contractor. Or if it is only county-managed enter that total.

Tire Data				
Amount of Tires managed:(Tons)	Amount of Tires sent to beneficial use:(Tons)	Amount of Tires landfilled:(Tons)	Do you Currently have a contractor to haul tires?	Contractors Name
1469.03	1469.03	0	Yes	Competitive Edge Refurbishing, Liberty

Comments:

Knox County entered the above numbers into the MyTDEC form fields. They only reflect the total amount of tires managed and paid for by Knox County government. There is significant private sector recycling activity that will not be reflected in these numbers. Liberty Tire is the only local tire recycling operation and they have reported their gate totals from customers other than Knox County and those numbers are reported along with the other Industrial, Commercial, Institutional (ICI) Reports.