

William Biddlecombe Joe Dike Sam Artino Monty Tapp Mark Claus Matt Grieves Joel Hagy
Councilmember Councilmember Councilmember Mayor Vice-Mayor Councilmember Councilmember

CITY COUNCIL — REGULAR COUNCIL MEETING

Tuesday, November 22, 2022 @ 6:30 PM
City Council Chambers
417 Main Street
Huron, Ohio 44839

- I. Call To Order Moment of Silence followed by the Pledge of Allegiance to the Flag
- II. Roll Call of City Council
- III. Approval of Minutes
 - III.a Minutes of the regular Council meeting of October 25, 2022
 - III.b Minutes of the regular Council meeting of November 8, 2022
- **IV.** Audience Comments Citizens may address their concerns to City Council. Please state your name and address for the recorded journal. (3-minute time limit)

V. Old Business

V.a Ordinance No. 2022-59 (second reading) (submitted by Erik Engle)
An ordinance repealing Title 11 (Urban Renewal) within the Administrative Code of the City of Huron Codified Ordinances (second reading).

VI. New Business

VI.a Resolution No. 102-2022 (submitted by Stuart Hamilton)

A resolution authorizing an agreement with OHM Advisors for provision of engineering design and bid services relating to the South Main Street Watermain Replacement Project.

VI.b Resolution No. 103-2022 (submitted by Cory Swaisgood)

A resolution authorizing the City Manager to accept the proposal and enter into an agreement with Medical Mutual for the provision of health insurance coverage for 2023.

VI.c Resolution No. 104-2022 (submitted by Stuart Hamilton)

A resolution adopting Erie County's Solid Waste Management Plan

VI.d Resolution No. 105-2022 (submitted by Doug Steinwart)

A resolution accepting the proposal and entering into an agreement with Maintenance Systems of Northern Ohio relating to the Fabens Park 2023 Pavement Maintenance Program.

VI.e Ordinance No. 2022-58 (*submitted by Stuart Hamilton*)

An ordinance establishing a five percent (5%) Video Service Provider Fee relating to Erie County Cablevision aka Buckeye Broadband.

VI.f Ordinance No. 2022-61 (submitted by Cory Swaisgood)

An ordinance repealing and amending and restating Section 161.04 (j) of the Codified Ordinances of the City of Huron relating to on-call pay.

VI.g Ordinance No. 2022-62 (submitted by Cory Swaisgood)

A supplemental appropriations ordinance.

VI.h Ordinance No. 2022-64 (submitted by Matt Lasko)

An ordinance amending Ordinance No. 2022-27 relating to the Sawmill Creek TIF.

VI.i Ordinance No. 2022-65 (submitted by Cory Swaisgood)

An ordinance providing for the issuance and sale of \$3,025,000 of economic development revenue notes, in anticipation of the issuance of bonds required to construct, equip or improve the Sawmill Creek project.

VII. City Manager's Discussion

VIII. Mayor's Discussion

IX. For the Good of the Order

X. Executive Session(s)

Executive session to discuss compensation of a City employee.

XI. New Business (Continued)

XI.a Ordinance No. 2022-63

An ordinance authorizing an Employment Agreement with City Manager, Matt Lasko for a term of five (5) years through December 31, 2027.

XII. Adjournment



TO: Mayor Tapp and City Council

FROM: Erik Engle

RE: Ordinance No. 2022-59 (second reading) (submitted by Erik Engle)

DATE: November 22, 2022

Subject Matter/Background

After the first reading, a change was made to the first WHEREAS paragraph to replace "Ordinance No. 1996-27" t "Ordinance No. 1966-27."

Upon researching past urban renewal documents, staff came across Title 11 of the Administrative Code, which outlines the process for federal urban renewal funding adopted in 1966.

Urban renewal is the process of seizing and demolishing large swaths of private and public property for the purpose of modernizing and improving aging infrastructure. Between 1949 and 1974, the U.S. government underwrote this process through a Department of Housing and Urban Development (HUD) grant and loai program. Although the money was federal, renewal plans originated with and were implemented at the local level.

In cities nationwide, the consequences of urban renewal included the destruction of historic structures, the displacement of low-income families, and the removal (often closure) of small businesses. The local officials and business leaders who promoted renewal regarded the federal program as the best available method for addressing the problems attendant with suburbanization, a process fueled by HUD and G.I. Bill mortgages. Ultimately the legacy of urban renewal has been mixed, but in the case of Huron, had a decidedly negative impact on the downtown core.

Since there is no longer an urban renewal program at the federal level, staff reviewed any potential repercussions to repealing the chapter, and found no evidence of negative impact. All other processes for condemnation, demolition, and property maintenance are housed in the planning and zoning code as well as the building code, respectively.

Staff is recommending approval of repealing Administrative Code Title 11 – Urban Renewal due to its irrelevance at this time. Furthermore, at its 10.26.22 meeting, Planning Commission recommended approval of the repeal of Title 11.

Financial Review

There is no financial impact to the City with this legislative item.

Legal Review

The matter has been reviewed, follows normal administrative procedure and is properly before you.

Recommendation

If Council is in agreement with the request, a motion adopting Ordinance No. 2022-59 is in order.

Ordinance No. 2022-59 Repeal Title 11 Urban Renewal.docx

ORDINANCE NO. 2022-59

Introduced by Mark Claus

AN ORDINANCE REPEALING TITLE 11 (URBAN RENEWAL) WITHIN THE ADMINISTRATIVE CODE OF THE CODIFIED ORDINANCES OF THE CITY OF HURON.

WHEREAS, the City of Huron passed Ordinance No. 1966-27 on May 9, 1966 creating a new Title 11 (Urban Renewal) within the Administrative Code of the Ordinances of the City of Huron; and

WHEREAS, the City finds the provisions of Title 11 are no longer needed; and

WHEREAS, the City does, therefore, wish to repeal Title 11 (Urban Renewal) within the Administrative Code of the Codified Ordinances of the City of Huron.

NOW, THEREFORE, BE IT ORDAINED BY THE COUNCIL OF THE CITY OF HURON, OHIO:

Section 1: That Council hereby repeals Title 11 within the Administrative Code of the Codified Ordinances of the City of Huron.

Section 2: That it is found and determined that all formal actions of this Council concerning and relating to the passage of this Resolution were adopted in an open meeting of this Council, and that all deliberations of this Council and of any of its committees that resulted in such formal actions were in meetings open to the public, in compliance with all legal requirements, including Section 121.22 of the Ohio Revised Code.

Section 3: That this Ordinance shall take effect and be in force from and after the time period contained in Section 3.06 of the Charter of the City of Huron.

		Monty Tapp, Mayor
ATTEST:		
	Clerk of Council	
ADOPTED:		



TO: Mayor Tapp and City Council

FROM: Jason Gibboney

RE: Resolution No. 102-2022 (submitted by Stuart Hamilton)

DATE: November 22, 2022

Subject Matter/Background

Design and Bidding services provided by OHM in the amount of \$259,125.

This project consists of water main replacement and road resurfacing plans on the following streets:

South Main Street: Rivers Edge Drive to Huron-Avery Road

Huron-Avery Road: South Main Street to City Limit Mudbrook Road: South Main Street to House No. 1125 Valley View Drive: South Main Street to West Terminus Hickory Road: Valley View Drive to Forest Hills Drive Forest Hills Drive: West Terminus to South Main Street

Huron Street: US 6 to Mills Street

Mills Street: Main Street to Huron Street

It is hoped to award and start on this project in 2023. We expect the total cost of this project all-inclusive to be around \$3.4M.

Financial Review

The South Main Street waterline replacement project will be accounted for in the City's Water Capital Fund and potentially funded through OWDA and OPWC grants/loans.

Account: 603-9501-55963

Legal Review

The matter has been reviewed, follows normal administrative procedure and is properly before you.

Recommendation

If Council is in agreement with the request, a motion adopting Resolution No. 102-2022 is in order.

Resolution No. 102-2022 OHM Design & Bid S Main St Watermain.doc

Resolution No. 102-2022 Exhibit A OHM Design & Bid S Main Street Watermain.pdf

RESOLUTION NO. 102-2022

Introduced by Matt Grieves

A RESOLUTION AUTHORIZING THE CITY MANAGER TO ACCEPT THE PROPOSAL AND ENTER INTO AN AGREEMENT WITH OHM ADVISORS FOR ENGINEERING CONSTRUCTION DESIGN AND BIDDING SERVICES RELATED TO THE SOUTH MAIN STREET WATERMAIN REPLACEMENT PROJECT IN AN AMOUNT NOT TO EXCEED TWO HUNDRED FIFTY-NINE THOUSAND ONE HUNDRED TWENTY-FIVE AND 00/100 DOLLARS (\$259,125.00)

BE IT RESOLVED BY THE COUNCIL OF THE CITY OF HURON, OHIO:

SECTION 1. That the City Manager shall be, and he hereby is, authorized and directed to accept the proposal and enter into an agreement with OHM Advisors for engineering construction design and bidding services for the South Main Street Watermain Replacement Project in an amount not to exceed Two Hundred Fifty-Nine One Hundred Twenty-Five and 00/100 Dollars (\$259,125.00), which agreement shall be in substantially in the form of Exhibit "A" attached hereto and made a part hereof.

SECTION 2. That this Council hereby finds and determines that all formal actions relative to the adoption of this Resolution were taken in an open meeting of this Council and that all deliberations of this Council and of its Committees, if any, which resulted in formal action, were taken in meetings open to the public in full compliance with applicable legal requirements, including O.R.C. §121.22.

SECTION 3. That this Resolution shall be in full force and effect from and immediately after its adoption.

		Monty Tapp, Mayor
ATTEST:	Clerk of Council	
ADOPTED:		



ARCHITECTS. ENGINEERS. PLANNERS.

October 31, 2022

City of Huron Stuart Hamilton, Service Director 417 Main Street Huron, OH 44839

RE: S. Main Street Watermain Replacement

Location: City of Huron Proposal #22231

Dear Mr. Hamilton:

The following scope of services, price proposal, and project schedule which represent our understanding of the project, based upon prior discussions, meetings, and/or additional project information made available at the time of this proposal. Should you have any questions, please let us know.

Proposal Outline

Proposal Outline		1
Project Understanding		2
Scope of Services - Information Gathering Tasks		2
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Scope of Services - Bidding and Award Tasks		5
Price Proposal		
Compensation		
Anticipated Project Schedule		6
Clarifications and Assumptions		
Client Responsibilities		7
Terms & Conditions		7
Sincerely, OHM Advisors AMA:	Authorization to Proceed	
Chad M. Lewis, PE, Project Manager Chad.lewis@ohm-advisors.com D: 216.865.1345 C: 216.644.3987	Signature	Date
/ will Roth	Printed Name	Title

Russell Critelli, PE, PMP Principal/Manager of Cleveland Russ.critelli@ohm-advisors.com



Project Understanding

The referenced project includes watermain replacement along South Main Street, Huron-Avery Road, and Mudbrook Road with new 12" PVC pipe; and replacement on Valley View Drive, Hickory Road, Forest Hills Drive, Huron Street, and Mills Street with new 8" PVC pipe. The project will also include spot curb, curb ramps, walk, and pavement repairs. Resurfacing of asphalt pavement will occur on Valley View Drive, Hickory Road, Forest Hills Drive, and Mills Street.

Scope of Services - Information Gathering Tasks

Task #1 Geotechnical Services

- The following services are included in the fee shown:
 - o Performance of 10 test boring locations to 10 feet deep.
 - O Standard penetration sampling per current ASTM standards.
 - O Summary of existing pavement composition and thickness.
 - O Written report of findings and recommendations including:
 - Soil profile and subsurface conditions.
 - Constructability cautionary notes.
 - Groundwater level readings.
 - Identify and evaluate soil properties.
 - o This information will be used for follow-on engineering tasks.

Task #2 Topographic Survey

- The following services are included in the fee shown:
 - o Limits of Survey:

South Main Street: Rivers Edge Drive to Huron-Avery Road	775 LF
 Huron-Avery Road: South Main Street to City Limit 	1,300 LF
 Mudbrook Road: South Main Street to House No. 1125 	650 LF
 Valley View Drive: South Main Street to West Terminus 	740 LF
 Hickory Road: Valley View Drive to Forest Hills Drive 	355 LF
 Forest Hills Drive: West Terminus to South Main Street 	1,320 LF
 Huron Street: US 6 to Mills Street 	605 LF
 Mills Street: Main Street to Huron Street 	350 LF
Total Survey Len	gth 6,095 LF

- Right-of-way Limits plus 10 feet.
- o Data Collected:
 - All existing utilities (overhead and underground), as marked by OUPS
 - All street pavement and curbs
 - Driveways, hard surfaces, landscape areas, trees, bushes, etc.
 - Contour elevations
 - Other important topographic features that might impact construction
- o This information will be collected and provided in an AutoCAD format for use in design



Scope of Services - Engineering Tasks

Task #56 Pre-Design & Field Analysis

- The following services are included in the fee shown:
 - Analysis
 - The engineer shall utilize the field review to verify conditions for construction, maintaining traffic, repair/replacement effort, and to make notations of specific areas of concern and caution for the contractor.
 - Recommendation
 - The engineer will provide limits and type of work to be performed on designated streets along with associated construction estimates to aid in project decision making.

Task #58 Schematic Design

- The following services are included in the fee shown:
 - Schematic design
 - Horizontal alignment of all streets
 - Vertical alignment of all streets
 - Roadway typical sections
 - Initial layout of the water main system
 - Initial analysis of site impacts, beyond the roadway including driveways, side streets, and adjacent property
 - Sidewalk repair limits
 - Curb repair limits
 - Drive apron repair limits
 - Preparation of schematic level plan set to include:
 - Title Sheet
 - Legend Sheet
 - Schematic Plan
 - Typical Section
 - Plan & Profile Sheets
 - o Preparation of Schematic level construction cost estimate
 - o Coordination of initial design concepts with public agencies, including:
 - City of Huron
 - Huron Water Department
 - Erie County D.O.E.S.
 - Submittal of Schematic Design Plans to Private Utility Companies for initial coordination of impacts/conflicts with their facilities for purposes of potential relocation.
 - OHM will provide city with table of correspondence including dates, contacts, utility type, and planned or proposed utility maintenance/improvement projects schedules.

Task #59 Design Development

- The following services are included in the fee shown:
 - Design Development (DD) of water main replacement, pavement resurfacing and repairs, curb, walk, and drive apron replacement
 - Street Design
 - Pavement section, width, and profile
 - Water Main Design
 - Plan and profile design of water main, hydrants, services, etc.

OHM Advisors®



- Maintenance of Traffic Design
 - Preparation of lane use details
 - Preparation of local detours and signage
 - Preparation of local access details
 - Preparation of plan sheets showing MOT plan
- o Preparation of Design Development level construction cost estimate
- Coordination of DD level plans with public agencies, including:
 - City of Huron
 - Huron Water Department
 - Erie County D.O.E.S.
- O Submittal of Design Development Plans to private utility companies for further coordination of impacts/conflicts with their facilities for purposes of potential relocation (as needed).

Task #60 Construction Documents

- The following services are included in the fee shown:
 - o Preparation of Construction Documents shall be as follows:
 - Title Sheet
 - Legend Sheet
 - Schematic Plan
 - Typical Section
 - General Notes & Specifications
 - Maintenance of Traffic Plan & Details
 - General Summary
 - Plan & Profile Sheets
 - Drive Detail Sheets
 - Water Main Crossings Profile Sheets
 - Water Works Details and Specifications
 - Construction Details
 - SWPPP Site Plan and Details
 - O Design will include all details and specifications required for public bidding of a unit price contract, in accordance with industry standards.
 - o Coordination and approval of Final Construction plans with public agencies, including:
 - City of Huron
 - Huron Water Department
 - Erie County D.O.E.S.
 - O Submittal of Final Construction plans to Private Utility Companies for follow-up and final coordination of impacts/conflicts with their facilities for purposes of potential relocation.

Task #90 Official Engineer's Project Cost Estimate

- The following services are included in the fee shown:
 - o Determination of estimated quantities for construction
 - o Evaluation and estimate of construction costs for use with public bidding requirements



Scope of Services - Bidding and Award Tasks

Task #151 Bidding & Contract Documents

- The following services are included in the fee shown:
 - Preparation of bid documents including legal advertisement, instructions to bidders, bid forms, contract forms and affidavits, prevailing wage forms, EEO forms, scope of work, schedule, and other Owner forms and requirements to be added to the public bidding process.
 - o These documents will be 100% complete, ready for bidding of the Public Project.
 - o Bid books will be made available for purchasing by bidders

Task #152 Bid Process, Review, & Award

- The following services are included in the fee shown:
 - o Addendums/Clarifications
 - This activity is necessary to provide written explanation to all bidders for any questions regarding the bid documents and plans.
 - Depending upon the size and complexity of the project, multiple addendums/clarifications may be required for the project.
 - OHM will prepare addendums/clarifications and any necessary supporting documents and distribute to plan holders.
 - Post-Bid Activities
 - Evaluation of bids and contractor qualifications
 - Pre-Award Meeting to review all bid items with apparent low bidder
 - Recommendation of Award to the Owner
 - Contract Documents
 - OHM will prepare (3) three copies of contract documents for execution, bonding, insurance,
 - OHM will prepare the notice of commencement for signature(s)
 - O The fee provided includes one bidding process only. In the event the project needs re-bid, a contract modification will be submitted for the bidding services to be provided. Additional services will commence upon approval of the contract modification.



Price Proposal

#	Information Gathering Tasks	Fee
Task #1	Geotechnical Services	\$ 9,625
Task #2	Topographic Survey	\$ 33,500
	Subtotal =	\$ 43,125
#	Engineering Tasks	Fee
Task #56	Pre-Design & Field Analysis	\$ 5,000
Task #58	Schematic Design	\$ 45,000
Task #59	Design Development	\$ 67,000
Task #60	Construction Documents	\$ 90,000
Task #90	Official Engineer's Project Cost Estimate	\$ 3,000
	Subtotal =	\$ 210,000
#	Bidding & Award Tasks	Fee
Task #151	Bidding & Contract Documents	\$ 3,000
Task #152	Bid Process, Review & Award	\$ 3,000
	Subtotal =	\$ 6,000
	Grand Total =	\$ 259,125

Compensation

The fee proposal above shall be completed on a lump sum basis.

Anticipated Project Schedule

Information Gathering Tasks: November/December 2022

Engineering Tasks: December 2022 through April 2023

Bidding & Award Tasks: May/June 2023



Clarifications and Assumptions

- Our Proposal was prepared based on the following assumptions:
 - o If additional labor effort or change in schedule is required beyond described herein, OHM Advisors will negotiate an amendment with the City of Huron. OHM Advisors will not proceed with additional services without written authorization to proceed from the City of Huron.
 - Meetings shall be conducted in accordance with the Scope of Services as described herein. Additional meetings, not described within our Scope of Services, shall be considered additional services and will be billed on an hourly basis under the Additional As-Needed Services Allowance upon agreement with the City of Huron.

Client Responsibilities

- City of Huron will provide a single point of contact to OHM Advisors who is knowledgeable about the project needs and desired outcomes
- City of Huron will provide the following, if available, to assist us with the project: (prior as-builts and existing plans, plat maps, site surveys indicating site boundaries, exiting topography, access to structures, easements and utility line information, utility availability, building information, etc.)

Terms & Conditions

The Terms and Conditions contained in the Annual Engineering contract per resolution number 5-2021 shall also apply to this contract.



TO: Mayor Tapp and City Council

FROM: Cory Swaisgood

RE: Resolution No. 103-2022 (submitted by Cory Swaisgood)

DATE: November 22, 2022

Subject Matter/Background

The City's current healthcare plan is provided by Medical Mutual of Ohio (MMO) and has been held with MMO since 2015. With the current unknowns in the healthcare market and the City's history, MMO's initial premium resulted in a 37% increase from 2022, which would have increased the City's medical premium by over \$270,000 in 2023. The City did not have much room to negotiate due to current union contracts in place. Other providers declined to quote. The City made plan changes that resulted in a reduced renewal increase, at 13% totaling \$60,000 more than 2021. With this change, HRA and opt-out amounts remained the same. The employee must pay more up front, but the City's HRA plan is at risk of paying more than prior years. This plan is still better than the industry market for governments in Ohio.

Employee's will be responsible for 4% of the total healthcare plan.

Financial Review

The 2023 budget includes the renewal increase on MMO's premium and potential increase in the HRA. The City's healthcare fund (Fund 703) accounts for the plan's activity.

Legal Review

The matter follows normal legislative procedure and is properly before you.

Recommendation

If the Council is in support of the request, a motion to adopt Resolution No. 103-2022 would be in order.

Resolution No. 103-2022 Medical Mutual Renewal.doc

Resolution No. 103-2022 Exhibit A Medical Mutual Renewal.pdf

RESOLUTION NO. 103-2022

Introduced by Mark Claus

A RESOLUTION RATIFYING THE CITY MANAGER'S ACCEPTANCE OF THE PROPOSAL AND EXECUTION OF AN AGREEMENT WITH MEDICAL MUTUAL FOR THE PROVISION OF 2023 MEDICAL HEALTH INSURANCE COVERAGE

BE IT RESOLVED BY THE COUNCIL OF THE CITY OF HURON, OHIO:

SECTION 1. That the City Manager's acceptance of the proposal and execution of an agreement with Medical Mutual for the provision of 2023 healthcare insurance coverage, which agreement shall be substantially in the form of Exhibit "A" attached hereto and made a part hereof, is hereby ratified.

SECTION 2. That this Council hereby finds and determines that all formal actions relative to the adoption of this Resolution were taken in an open meeting of the Council and that all deliberations of this Council and of its committees, if any, which resulted in formal action, were taken in meetings open to the public in full compliance with applicable legal requirements, including O.RC. §121.22 of the Revised Code.

SECTION 3. That this Resolution shall go into effect and be in full force and effect immediately upon its adoption.

		Monty Tapp, Mayor		
		1.20.1.J 2.4pp, 1.24J 01		
ATTEST:		<u></u>		
	Clerk of Council			
ADOPTED:				



Proposal For: CITY OF HURON

Effective Date: 1/1/2023 End Date: 12/31/2023 County: Erie State: Ohio

Quote ID: 0105885-01



Fully Insured Proposal for CITY OF HURON

Rates Effective:

January 1, 2023 - December 31, 2023

Contract Type	Contracts
Employee	18
Employee + Spouse	2
Employee + Child	3
Employee + Children	8
Family	17

SuperMed PPO	Single	Employee + Spouse	Employee + Child	Employee + Children	Family	Total Monthly Premium	Sign Off / Initial
3020-4000 Rx SM2 (r22)	\$886.55	\$1,950.39	\$1,595.78	\$1,595.78	\$2,659.62	\$82,625.80	
3020-5000 Rx SM2 (r22)	\$870.17	\$1,914.36	\$1,566.30	\$1,566.30	\$2,610.49	\$81,099.41	
30-5000 Rx SM2 (r22)	\$907.06	\$1,995.51	\$1,632.70	\$1,632.70	\$2,721.15	\$84,537.35	
HSA 5000/0 PD Rx SM1 (r22)	\$752.26	\$1,648.97	\$1,350.06	\$1,350.06	\$2,246.77	\$69,884.37	
HSA 4000/0 PD Copay & Rx SM1 (r22)	\$786.16	\$1,723.54	\$1,411.08	\$1,411.08	\$2,348.46	\$73,043.66	
HSA 5000/0 PD Copay & Rx SM1 (r22)	\$734.18	\$1,609.18	\$1,317.51	\$1,317.51	\$2,192.51	\$68,198.88	
HSA 3000/20 PD Rx SM1 (r22)	\$793.56	\$1,739.83	\$1,424.40	\$1,424.40	\$2,370.67	\$73,733.53	
HSA 5000/20 PD Rx SM1 (r22)	\$700.57	\$1,535.24	\$1,257.01	\$1,257.01	\$2,091.68	\$65,066.41	
HSA 3000/20 PD Copay & Rx SM1 (r22)	\$787.58	\$1,726.67	\$1,413.64	\$1,413.64	\$2,352.73	\$73,176.23	
HSA 5000/20 PD Copay & Rx SM1 (r22) #37	\$698.43	\$1,530.54	\$1,253.16	\$1,253.16	\$2,085.27	\$64,867.17	X
HSA 3000/30 PD Rx SM1 (r22)	\$765.37	\$1,677.80	\$1,373.65	\$1,373.65	\$2,286.08	\$71,105.77	
HSA 5000/30 PD Rx SM1 (r22)	\$688.60	\$1,508.92	\$1,235.47	\$1,235.47	\$2,055.79	\$63,951.24	

CITY OF HURON 1/1/2023 Disclaimers & Contingencies

- 1 Proposal expires in 60 days or upon effective date.
- 2 Rates assume Medical Mutual is the only carrier, with 75% of net eligible employees enrolled.
- 3 Rates are subject to change if enrollment varies by more than 10% from 48 contracts quoted.
- 4 Ancillary coverages will be packaged with Medical coverage and not sold separately.
- 5 Disclosure of disabled participants is required.
- 6 Misrepresentation may result in rescission of coverage.
- 7 Rates include standard reporting and administration.
- 8 Covered employees will automatically have access to Medical Mutual's Basics wellness program, which includes online health resources, health assessments, WW (Weight Watchers) discounts, 24/7 nurse line and tobacco cessation programs. If not already enrolled in a buy up program, additional wellness program options are available upon request for an additional fee.
- 9 Please note that this policy, Medical Mutual, or you as a Plan Sponsor may become subject to taxes, fees or other charges imposed by State, Local, or Federal governments (collectively, "fees"). Medical Mutual reserves the right to adjust your premium or funding rate (or add the fees to the invoice) consistent with the effective date of the new fees imposed by the government. Adjustments may or may not be noted in a line item on monthly invoices. All fees are subject to change during the contract period.
- 10 Change in enrollment of any one plan of more than 10% or the elimination of a plan may require rates to be adjusted.
- 11 As required by the Affordable Care Act, employees must be notified at least 60 days before the effective date of a material modification if it impacts the contents of the SBC. Please be aware of this requirement when considering an off-renewal plan change or a change in carrier.
- 12 Premiums and rates reflect 2015 ACA requirement to accumulate drug cost share to the maximum out-of-pocket (MOOP). Use of a third party Pharmacy Benefits Manager (PBM) will require additional fees and additional lead time to implement. Please contact your Medical Mutual representative for further details and explanation.
- 13 Due to a change in Ohio law, effective with the first renewal on or after January 1, 2016, all existing over-age dependent children (26 and 27 years old) will maintain coverage until they attain the limiting age of 28. No new over-age dependent children will be eligible for coverage. Please note that children with a physical or intellectual disability are not impacted by the change in Ohio law.

Rate Acceptance		
Group Official Initial: X	Please initial next to the benefits that have been selected by the group.	
Group Official Signature:		
Title: X		
Date: X		



TO: Mayor Tapp and City Council FROM: Stuart Hamilton, Service Director

RE: Resolution No. 104-2022 (submitted by Stuart Hamilton)

DATE: November 22, 2022

Subject Matter/Background

The Policy Committee of the Erie County Solid Waste Management Committee recently completed an update to the Erie County Solid Waste Management Plan. The updated plan outlines the strategies the District will use to manage and reduce Erie County solid waste.

In accordance with the Ohio Revised Code, the Policy Committee held a public comment period and a public hearing on November, 7 2022. The next step is for the County Commissioners and political subdivisions within the District to approve the new plan. We must have the approval of the County Commissioners, City of Sandusky and political subdivisions representing at least 60% of the population of the District within 90 days. The 90-day approval period BEGINS November 8th and ENDS February 8, 2023.

There is no budgetary impact on the City.

Financial Review

No financial impact to the City for this legislative item.

Legal Review

The matter has been reviewed, follows normal administrative procedure and is properly before you.

Recommendation

If Council is in agreement with the request, a motion adopting Resolution No. 104-2022 is in order.

Resolution No. 104-2022 EC Solid Waste Mgmt Plan Approval.doc

Resolution No. 104-2022 Exhibit A EC SWMD Plan.pdf

RESOLUTION NO. 104-2022

Introduced by Joe Dike

A RESOLUTION APPROVING THE ERIE COUNTY SOLID WASTE MANAGEMENT DISTRICT DRAFT SOLID WASTE MANAGEMENT PLAN

The City Council of the City of Huron met this 22nd day of November, 2022, with the following members present: William Biddlecombe, Sam Artino, Mark Claus, Monty Tapp, Joe Dike, Matt Grieves and Joel Hagy.

Joel Hagy introduced the following resolution and moved its adoption.

WHEREAS, the Erie County Solid Waste Management District Policy Committee has prepared a draft Solid Waste Management Plan update in accordance with O.R.C. 3734; and

WHEREAS, the Erie County Solid Waste Management District Policy Committee held a public comment period and a public hearing on the draft Solid Waste Management Plan; and

WHEREAS, this Council has received the draft Solid Waste Management Plan; and

WHEREAS, this Council believes the public interest will be served by the implementation of the plan;

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF HURON, OHIO:

- **SECTION 1.** That pursuant to O.R.C. 3734.55, this Council hereby approves the Erie County Solid Waste Management District Plan, a copy of which is attached hereto as Exhibit "A."
- **SECTION 2**. That the Clerk of Council is hereby directed to send a certified copy of this resolution to the Erie County Solid Waste Management District Policy Committee forthwith.
- **SECTION 2.** That this Council hereby finds and determines that all formal actions relative to the adoption of this Resolution were taken in an open meeting of this Council and that all deliberations of this Council and of its Committees, if any, which resulted in formal action, were taken in meetings open to the public in full compliance with applicable legal requirements, including O.R.C. §121.22.

SECTION 3. That this Resolution shall be in full force and effect from and immediately after its adoption.

		Monty Tapp, Mayor
ATTEST:	Clerk of Council	
ADOPTED:		

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I SOLID WASTE MANAGEMENT DISTRICT INFORMATION

Table i-1 Solid Waste Management District Information

SWMD Name	Erie County Solid Waste Management District	
Member Counties	1	
Coordinator's Name (main contact)	Tiffini McNeely	
Job Title	District Coordinator	
Street Address	554 River Rd	
City, State, Zip Code	Huron, OH 44839	
Phone	419-433-7303 X2303	
Fax	419-433-6214	
E-mail address	TMcNeely@eriecounty.oh.gov	
Webpage	https://www.eriecounty.oh.gov/SolidWasteDistrict.aspx	

Table i-2 Members of the Policy Committee/Board of Trustees

rable 1-2 Members of the Policy Committee/Board of Trustees		
Representing		
County Commissioners		
Municipal Corporations		
Townships		
Health District		
Generators		
Citizens		
Public		

Table i-3 Chairperson of the Policy Committee or Board of Trustees

Name	Caleb Stidham
Street Address	247 Columbus Ave. Suite 115
City, State, Zip Code	Sandusky, OH 44870
Phone	419-627-7701
Fax	419-627-7733
E-mail address	Cstidham@eriecounty.oh.gov

Table i-4 Board of County Commissioners/Board of Directors

Commissioner Name	County	Chairperson/President
Patrick Shenigo	Erie	
Matt Old	Erie	X
Stephen Shoffner	Erie	

Technical Advisory Committee

N/A

Consultant Information

N/A

CHAPTER 1 INTRODUCTION

A. Brief Introduction to Solid Waste Planning in Ohio

In 1988, Ohio faced a combination of solid waste management problems, including rapidly declining disposal capacity at existing landfills, increasing quantities of waste being generated and disposed, environmental problems at many existing solid waste disposal facilities, and increasing quantities of waste being imported into Ohio from other states. These issues combined with Ohio's outdated and incomplete solid waste regulations caused Ohio's General Assembly to pass House Bill (H.B.) 592. H.B. 592 dramatically revised Ohio's outdated solid waste regulatory program and established a comprehensive solid waste planning process.

There are three overriding purposes of this planning process: to reduce the amount of waste Ohioans generate and dispose of; to ensure that Ohio has adequate, protective capacity at landfills to dispose of its waste; and to reduce Ohio's reliance on landfills.

B. Requirements of County and Joint Solid Waste Management Districts

1. Structure

As a result of H.B. 592, each of the 88 counties in Ohio must be a member of a solid waste management district (SWMD). A SWMD is formed by county commissioners through a resolution. A board of county commissioners has the option of forming a single county SWMD or joining with the board(s) of county commissioners from one or more other counties to form a multi county SWMD. Ohio currently has 52 SWMDs. Of these, 37 are single county SWMDs and 15 are multi county SWMDs.¹

A SWMD is governed by two bodies. The first is the board of directors which consists of the county commissioners from all counties in the SWMD. The second is a policy committee. The policy committee is responsible for developing a solid waste management plan for the SWMD. The board of directors is responsible for implementing the policy committee's solid waste management plan.²

2. Solid Waste Management Plan

In its solid waste management plan, the policy committee must, among other things, demonstrate that the SWMD will have access to at least 10 years of landfill capacity to

¹Counties have the option of forming either a SWMD or a regional solid waste management authority (Authority). The majority of planning districts in Ohio are SWMDs, and Ohio EPA generally uses "solid waste management district", or "SWMD", to refer to both SWMDs and Authorities.

²In the case of an Authority, it is a board of trustees that prepares, adopts, and submits the solid waste management plan. Whereas a SWMD has two governing bodies, a policy committee and board of directors, an Authority has one governing body, the board of trustees. The board of trustees performs all of the duties of a SWMD's board of directors and policy committee.

manage all of the SWMD's solid wastes that will be disposed. The solid waste management plan must also show how the SWMD will meet the waste reduction and recycling goals established in Ohio's state solid waste management plan and present a budget for implementing the solid waste management plan.

Solid waste management plans must contain the information and data prescribed in Ohio Revised Code (ORC) 3734.53, Ohio Administrative Code (OAC) Rule 3745-27-90. Ohio EPA prescribes the format that details the information that is provided and the manner in which that information is presented. This format is very similar in concept to a permit application for a solid waste landfill.

The policy committee begins by preparing a draft of the solid waste management plan. After completing the draft version, the policy committee submits the draft to Ohio EPA. Ohio EPA reviews the draft and provides the policy committee with comments. After revising the draft to address Ohio EPA's comments, the policy committee makes the plan available to the public for comment, holds a public hearing, and revises the plan as necessary to address the public's comments.

Next, the policy committee ratifies the plan. Ratification is the process that the policy committee must follow to give the SWMD's communities the opportunity to approve or reject the draft plan. Once the plan is ratified, the policy committee submits the ratified plan to Ohio EPA for review and approval or disapproval. From start to finish, preparing a solid waste management plan can take up to 33 months.

The policy committee is required to submit periodic updates to its solid waste management plan to Ohio EPA. How often the policy committee must update its plan depends upon the number of years in the planning period. For an approved plan that covers a planning period of between 10 and 14 years, the policy committee must submit a revised plan to Ohio EPA within three years of the date the plan was approved. For an approved plan that covers a planning period of 15 or more years, the policy committee must submit a revised plan to Ohio EPA within five years of the date the plan was approved.

C. District Overview

The District sees its role as providing the tools necessary to the residents, businesses and industries of Erie County to design and maintain their own waste reduction and recycling programs. Those tools include but are not limited to technical assistance, education and outreach.

The District offers a combination of drop-off, non-subscription curbside and subscription curbside recycling programs.

The District currently maintains one office under Erie County Department of Environmental Services. The Department of Environmental Services consists of Wastewater Treatment/Collection, Water, Landfill, Recycling, and Administration. The

District has one employee, the Coordinator, whom reports directly to the Utilities Director.

Due to only having one staff person, the District will continue to operate as a combination of program administrator and direct service provider concerning solid waste issues in Erie County.

Major accomplishments of the District include:

- Partnering with other agencies to provide a united environmental message, educational programs, workshops, events, and the GREEN Bean litter trailer.
- Partnering with local commercial businesses or two Market Development Grants.
- Corrected past years Quarterly Fee Reports and have since maintained a balanced budget.
- Reduced out of District spending.
- Increased assess goal from 21% access to 42%.
- Reduced contamination at drop-off sites.
- Updated expired contracts.
- Funded recycling study for largest municipality
- Extended non-subscription curbside recycling contract with the Village of Berlin Heights and Republic Services

The District will continue to evaluate programs and collection events to ensure that they are operating efficiently. Million dollar carry-over balances will be used for the following:

- Annual Marketing & Advertising Campaign
- Community Grants for all Erie County communities
- Tire credit for all Erie County communities at Erie County Landfill
- Aiding the Sheriff's Office with a Litter Clean-Up Trailer utilizing jail inmates and court appointed community service workers
- Special Events
 - Earth Day Extravaganza
- Educational workshops
 - Teacher workshop
 - Composting workshop
 - Business recycling
 - Upcycling workshops
- Special collection upgrades
 - o Household Hazardous Waste Collection
 - o Battery drop-Off locations
- Recycled Materials Grant monies
- Revolving loan fund for business

Sources for this Chapter:

Ohio Department of Development

U. S. Census Bureau

Erie County Regional Planning
Erie County Solid Waste Management District
District Statistics 2015-2019

D. Waste Reduction and Recycling Goals

As explained earlier, a SWMD must achieve goals established in the state solid waste management plan. The current state solid waste management plan is the 2020 Solid Waste Management Plan (2020 State Plan). The 2020 State Plan established nine goals as follows:

- 1. The SWMD shall ensure that there is adequate infrastructure to give residents and commercial businesses opportunities to recycle solid waste.
- 2. The SWMD shall reduce and recycle at least 25 percent of the solid waste generated by the residential/commercial sector.
- 3. The SWMD shall provide the following required programs: a Web site; a comprehensive resource guide; an inventory of available infrastructure; and a speaker or presenter.
- 4. The SWMD shall provide education, outreach, marketing and technical assistance regarding reduction, recycling, composting, reuse and other alternative waste management methods to identified target audiences using best practices.
- 5. The SWMD shall incorporate a strategic initiative for the industrial sector into its solid waste management plan.
- 6. The SWMD shall provide strategies for managing scrap tires, yard waste, lead-acid batteries, household hazardous waste and obsolete/end-of-life electronic devices.
- 7. The SWMD shall explore how to incorporate economic incentives into source reduction and recycling programs.
- 8. The SWMD will use U.S. EPA's Waste Reduction Model (WARM) (or an equivalent model) to evaluate the impact of recycling programs on reducing greenhouse gas emissions.
- 9. The SWMD has the option of providing programs to develop markets for recyclable materials and the use of recycled-content materials.
- 10. The SWMD shall report annually to Ohio EPA regarding implementation of the SWMD's solid waste management plan.

All 10 goals are crucial to furthering solid waste reduction and recycling in Ohio. However, the challenges posed by Goals 1 and 2 often mean SWMDs devote more resources to achieving those two goals than to the remaining goals. Thus, Goals 1 and 2 are the primary goals of the state plan.

A SWMD is encouraged to devote resources to achieving both goals but is not required to demonstrate that achieving both. Instead, SWMDs have the option of choosing either Goal 1 or Goal 2 for their solid waste management plans. This gives SWMDs two options for achieving Ohio's solid waste reduction and recycling goals. Many of the programs and services that a SWMD uses to achieve Goal 1 help the SWMD make progress toward achieving Goal 2 and vice versa.

A SWMD's solid waste management plan will provide programs to meet up to eight of the goals. Goal 9 (market development) is an optional goal. Goal 10 requires submitting annual reports to Ohio EPA.

See Chapter 5 and Appendix I for descriptions of the programs the SWMD will use to achieve the nine goals.

CHAPTER 2 DISTRICT PROFILE

Purpose

This chapter provides context for the SWMD's solid waste management plan by providing an overview of general characteristics of the SWMD. Characteristics discussed in this chapter include:

- The communities and political jurisdictions within the SWMD;
- The SWMD's population in the reference year and throughout the planning period;
- The available infrastructure for managing waste and recyclable materials within the SWMD:
- The commercial businesses and institutional entities located within the SWMD;
- The industrial businesses located within the SWMD; and
- Any other characteristics that are unique to the SWMD and affect waste management within the SWMD or provide challenges to the SWMD.

Understanding these characteristics helps the policy committee make decisions about the types of programs that will most effectively address the needs of residents, businesses, and other waste generators within the SWMD's jurisdiction.

Population distribution, density, and change affect the types of recycling opportunities that make sense for a particular community and for the SWMD as a whole.

The make-up of the commercial and industrial sectors within the SWMD influences the types of wastes generated and the types of programs the SWMD provides to assist those sectors with their recycling and waste reduction efforts.

Unique circumstances, such as hosting an amusement park, a large university, or a coal burning power plant present challenges, particularly for providing waste reduction and recycling programs.

The policy committee must take into account all of these characteristics when developing its overall waste management strategy.

A. Profile of Political Jurisdictions

1. Counties in the Solid Waste Management District

The District is made up of one county, Erie County with the exclusion of the City of Vermilion.

2. County Overview

Community
Cities
City of Sandusky
City of Huron
Townships
Groton Township
Oxford Township
Margaretta Township
Perkins Township
Huron Township
Milan Township
Berlin Township
Florence Township
Vermilion Township
Villages
Bay View
Castalia
Berlin Heights
Milan
Kelleys Island

The District is made up of two cities, nine townships and five villages for a total of sixteen municipalities.

B. Population

1. Reference Year Population

In the 2019 Reference Year the District had a population of 69,678.

2. Population Distribution

County		Largest Political Jurisdiction		
Name	Population	Community Name	Population	Percent of Total County Population
Erie County	69,678	City of Sandusky	24,564	35%

County	Percent of Population in Cities	Percent of Population in Villages	Percent of Population in Unincorporated Township
Erie County	45%	5%	50%

3. Population Change

Year	opulation Change Annual	Erie
	Change	County
	persons/year	
2015		70,482
2016	-434	70,048
2017	-434	69,614
2018	-434	69,180
2019	-434	68,746
2020		68,312
2021	-510	67,802
2022	-510	67,292
2023	-510	66,782
2024	-510	66,272
2025		65,762
2026	-522	65,240
2027	-522	64,718
2028	-522	64,196
2029	-522	63,674
2030		63,152
2031	-566	62,586
2032	-566	62,020
2033	-566	61,454
2034	-566	60,888
2035		60,322
2036	-522	64,388
2037	-522	63,866
2038	-522	63,344
2039	-522	62,822
2040		57,712
	Community Additions	74,266
	Community Subtractions	4,588

Calculations based on OEPA formulas.

4. Implications for Solid Waste Management

The Solid Waste District will continue to work with municipalities that wish to start a nonsubscription curbside recycling program and/or drop-off programs. The District will continue to seek out potential recycling haulers for subscription curbside recycling programs.

C. Profile of Commercial and Institutional Sector

A big part of the District's Commercial Sector comes from the tourism industry: Restaurants, shopping stores, hotels and recreation.

D Profile of Industrial Sector

The District has several types of Industrial Businesses that operate throughout the District: automotive, manufacturing, mining, and printing.

E. Other Characteristics

The Village of Kelley's Island is located within the District that provided unique challenges as this Village is an island located in Lake Erie. The Village of Kelley's Island is only accessible by ferry/boat, or plane.

CHAPTER 3 WASTE GENERATION

Purpose of Chapter 3

This chapter of the solid waste management plan provides a summary of the SWMD's historical and projected solid waste generation. The policy committee needs to understand the waste the SWMD will generate before it can make decisions regarding how to manage the waste. Thus, the policy committee analyzed the amounts and types of waste that were generated within the SWMD in the past and that could be generated in the future.

The SWMD's policy committee calculated how much solid waste was generated for the residential/commercial and industrial sectors. Residential/commercial waste is essentially municipal solid waste and is the waste that is generated by a typical community. Industrial solid waste is generated by manufacturing operations. To calculate how much waste was generated, the policy committee added the quantities of waste disposed of in landfills and reduced/recycled.

The SWMD's policy committee obtained reduction and recycling data by surveying communities, recycling service providers, collection and processing centers, commercial and industrial businesses, owners and operators of composting facilities, and other entities that recycle. Responding to a survey is voluntary, meaning that the policy committee relies upon an entity's ability and willingness to provide data. When entities do not respond to surveys, the policy committee gets only a partial picture of recycling activity. How much data the policy committee obtains has a direct effect on the SWMD's waste reduction and recycling and generation rates.

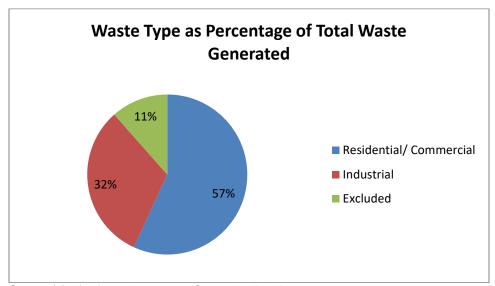
The policy committee obtained disposal data from Ohio EPA. Owners/operators of solid waste facilities submit annual reports to Ohio EPA. In these reports, owners/operators summarize the types, origins, and amounts of waste that were accepted at their facilities. Ohio EPA adjusts the reported disposal data by adding in waste disposed in out-of-state landfills.

The policy committee analyzed historic quantities of waste generated to project future waste generation. The details of this analysis are presented in Appendix G. The policy committee used the projections to make decisions on how best to manage waste and to ensure future access to adequate waste management capacity, including recycling infrastructure and disposal facilities.

A. Solid Waste Generated in Reference Year

Table 3-1 Solid Waste Generated in the Reference Year

Type of Waste	Quantity Generated (tons)
Residential/ Commercial	77,686
Industrial	43,186
Excluded	15,762
Total	136,634



Source(s) of Information: 2019 Quarterly Fee Reports

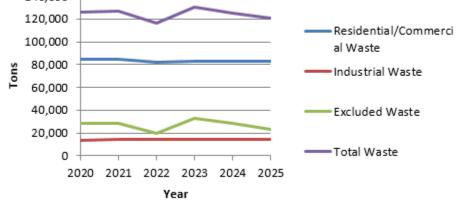
Sample Calculations: N/A

Assumptions: A big part of the District's Commercial Sector comes from the tourism industry: Restaurants, shopping stores, hotels and recreation. The District has several types of Industrial businesses that operate throughout the District: automotive, manufacturing, mining, and printing.

1. Residential/Commercial Waste Generated in Reference Year

Year	Residential Commercial Waste	Total
	Waste (tons)	Waste (tons)
2020	84,480	84,480
2021	84,762	84,762
2022	82,430	82,430
2023	82,725	82,725
2024	83,026	83,026
2025	83,333	83,333

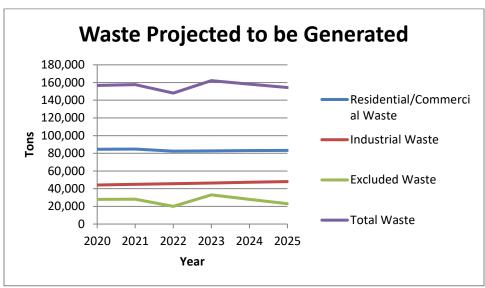
Waste Projected to be Generated



2. Industrial Waste Generated in Reference Year

Year	Residentia I Commerci al Waste	Industri al Waste	Excluded Waste	Total
	Waste	Waste	Waste	Waste
	(tons)	(tons)	(tons)	(tons)
2020	84,480	44,143	28,000	156,623
2021	84,762	44,885	28,019	157,666
2022	82,430	45,641	20,000	148,071
2023	82,725	46,411	33,000	162,136
2024	83,026	47,195	28,000	158,221

2025	83,333	47,994	23,000	154,327
	00,000	,00.	_0,000	,



3. Excluded Waste Generated in Reference Year

Excluded	15,762
----------	--------

B. Historical Waste Generated

1. Historical Residential/Commercial Waste Generated

Year	Population	Residential/ Commercial			Industrial			ed (tons)	ed (tons)	
		Dispos ed (tons)	Recycl ed (tons)	Generat ed (tons)	Per Capita Generat ed (ppd)	Dispos ed (tons)	Recycl ed (tons)	Generat ed (tons)	_	
2015	73,569	81,550	20,702	102,252	7.62	12,646	10,006	22,652	17,520	142,424
2016	75,107	88,032	9,926	97,958	7.15	12,883	1,278	14,161	14,773	126,892
2017	70,195	66,889	38,409	105,298	8.22	12,203	43,493	55,696	53,712	214,706
2018	74,615	81,819	25,061	106,880	7.85	12,665	15,819	28,484	45,400	180,764
2019	69,678	58,199	17,261	75,459	5.93	13,025	55,162	68,186	15,762	159,408

Per capita generation rate = ((tons generated x 2000) \div 365) \div population) Annual percentage change = ((New year – old year) \div old year) x 100

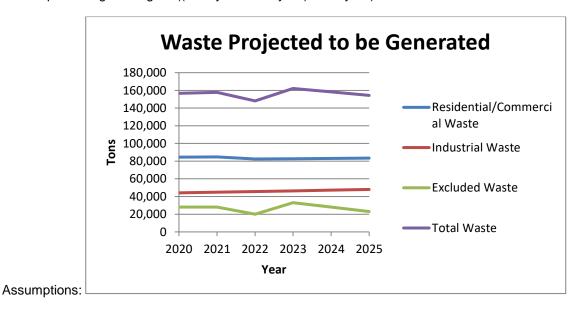
C. Waste Generation Projections

Table 3-2 Waste Generation Projections

Year	Residential Commercial Waste	Commercial		
	Waste	Waste	Waste	Waste
	(tons)	(tons)	(tons)	(tons)
2020	84,480	44,143	28,000	156,623
2021	84,762	44,885	28,019	157,666
2022	82,430	45,641	20,000	148,071
2023	82,725	46,411	33,000	162,136
2024	83,026	47,195	28,000	158,221
2025	83,333	47,994	23,000	154,327

Source(s) of Information: 2015-2019 Erie County Landfill reports, 2015-2019 Quarterly Fee Reports.

Sample Calculations: Per capita generation rate = $((tons generated \times 2000) \div 365) \div population)$ Annual percentage change = $((New year - old year) \div old year) \times 100$



Year	Popula tion	Residential/ Commercial				Indust	Exclu ded Waste		
		Dispo sal (tons)	Recy cle (tons)	Genera tion (tons)	Per Capita Genera tion (ppd)	Dispo sal (tons)	Recy cle (tons)	Genera tion (tons)	(tons)
2019	68,746	58,12 4	19,4 87	77,611	6.19	13,02 5	30,1 62	43,186	15,762
2020	68,312	58,66 8	13,4 72	72,140		9,955	30,7 65	40,720	28,019
2021	70,333	70,19 5	13,7 37	83,932		11,31 9	31,3 80	42,699	20,000
2022	72,355	70,19 5	14,0 08	84,203		11,40 7	32,0 08	43,415	33,000
2023	74,378	70,19 5	14,2 85	84,480		11,49 5	32,6 48	44,143	28,000
2024	76,402	70,19 5	14,5 67	84,762		11,58 4	33,3 01	44,885	23,000
2025	65,762	67,57 5	14,8 55	82,430		11,67 4	33,9 67	45,641	18,000
2026	67,788	67,57 5	15,1 50	82,725		11,76 5	34,6 46	46,411	13,000
2027	69,815	67,57 5	15,4 51	83,026		11,85 6	35,3 39	47,195	8,000
2028	71,843	67,57 5	15,7 58	83,333		11,94 8	36,0 46	47,994	3,000
2029	73,872	67,57 5	16,0 71	83,646		12,04 0	36,7 67	48,807	100
2030	63,152	64,89 3	16,3 92	81,285		12,13 4	37,5 02	49,636	100
2031	65,183	64,89 3	16,7 20	81,613		12,22 8	38,2 52	50,480	100
2032	67,215	64,89 3	17,0 54	81,947		12,32 3	39,0 17	51,340	100
2033	69,248	64,89 3	17,3 96	82,289		12,41 8	39,7 98	52,216	100
2034	71,282	64,89 3	17,7 46	82,639		12,51 4	40,5 94	53,108	100
2035	60,322	61,98 5	18,1 03	80,088		12,61 1	41,4 06	54,017	100
2036	64,388	66,16 3	18,4 69	84,632		12,70 9	42,2 34	54,943	100

Chapter 3 Waste Generation

2037	63,866	65,62	18,8	84,469	12,80	43,0	55,886	100
		6	43		8	78		

CHAPTER 4 WASTE MANAGEMENT

Purpose of Chapter 4

Chapter 3 provided a summary of how much waste the SWMD generated in the reference year and how much waste the policy committee estimates the SWMD will generate during the planning period. This chapter summarizes the policy committee's strategy for how the SWMD will manage that waste during the planning period.

A SWMD must have access to facilities that can manage the waste the SWMD will generate. This includes landfills, transfer facilities, incinerator/waste-to- energy facilities, compost facilities, and facilities to process recyclable materials. This chapter describes the policy committee's strategy for managing the waste that will be generated within the SWMD during the planning period.

To ensure that the SWMD has access to facilities, the solid waste management plan identifies the facilities the policy committee expects will take the SWMD's trash, compost, and recyclables. Those facilities must be adequate to manage all of the SWMD's solid waste. The SWMD does not have to own or operate the identified facilities. In fact, most solid waste facilities in Ohio are owned and operated by entities other than the SWMD. Further, identified facilities can be any combination of facilities located within and outside of the SWMD (including facilities located in other states).

Although the policy committee needs to ensure that the SWMD will have access to all types of needed facilities, Ohio law emphasizes access to disposal capacity. In the solid waste management plan, the policy committee must demonstrate that the SWMD will have access to enough landfill capacity for all of the waste the SWMD will need to dispose of. If there isn't adequate landfill capacity, then the policy committee develops a strategy for obtaining adequate capacity.

Ohio has more than 40 years of remaining landfill capacity. That is more than enough capacity to dispose of all of Ohio's waste. However, landfills are not distributed equally around the state. Therefore, there is still the potential for a regional shortage of available landfill capacity, particularly if an existing landfill closes. If that happens, then the SWMDs in that region would likely rely on transfer facilities to get waste to an existing landfill instead of building a new landfill.

Finally, the SWMD has the ability to control which landfill and transfer facilities can, and by extension cannot, accept waste that was generated within the SWMD. The SWMD accomplishes this by designating solid waste facilities (often referred to flow control). A SWMD's authority to designate facilities is explained in more detail later in this chapter.

A. Waste Management Overview

Erie County Solid Waste Management District implements flow control. All waste generated within the District must be disposed at the Erie County Landfill.

The District also has opportunities for residents to recycle through drop-off locations, subscription and non-subscription curbside recycling.

There is a compost facility within the District open to the public for a charge to dispose of yard and food waste.

The District provides opportunities to dispose of prohibited landfill materials through, drop-off programs, and collections.

Table 4-1 Methods for Managing Waste

Year	Total Waste	Recycle	Compost	Transfer	Landfill
2020	136,634	42,168	7,481	<i>7</i> 5	86,910
2021	83,932	52,724	8,076	75	109,690
2022	84,203	53,778	8,238	75	109,690
2023	84,480	54,854	8,402	75	109,690
2024	84,762	55,951	8,570	75	109,690
2025	84,430	57,070	8,742	75	109,690

B. Profile of Waste Management Infrastructure

1. Solid Waste Management Facilities

a. Landfills

Erie County Sanitary Landfill- Owned and operated by Erie County in Milan Township, Erie County Ohio. Waste accepted includes both municipal and industrial waste.

b. Transfer Facilities

Kelley's Island Transfer Station- This transfer station is NOT used to transfer waste out of the county. This transfer station is located on an island in Lake Erie within the District. The Transfer Station is used to transfer waste generated on the island to the Erie County Landfill.

The District does not have any transfer facilities that transport waste out of the District.

c. Compost Facilities

Barnes Nursery and Compost Facility - Located in Huron, Erie County Ohio. Division Class II and IV. This facility is privately owned and operated and is open to residents in the District for a charge

d. Processing Facilities

N/A

e. Other Waste Management Facilities

N/A

2. Waste Collection

The District's waste collection is provided by private haulers operating within the District.

C. Solid Waste Facilities Used in the Reference Year

1. Landfill Facilities

Table 4-2 Landfill Facilities Used by the District in the Reference Year

Facility Name	Location		Waste Accepte	Percent of all	Remaini ng
	County	State	d from SWMD (tons)	SWMD Waste Dispose d	Capacity (years)
In-District					
Erie County Sanitary Landfill	Erie	Ohio	84,754	98%	49
Out-of-District					
Republic Services	Ottwa	Ohio	1,831	2%	N/A
Republic Services	Lorain	Ohio	34	0%	N/A
Waste Management - Evergreen	Wood	Ohio	9	0%	N/A
Waste Management - American	Stark	Ohio	23	0%	N/A
Sunny Farms	Seneca	Ohio	1	0%	N/A
Cherokee Run Landfill	Logan	Ohio	63	0%	N/A
Liberty Tire Recycling LLC	Stark	Ohio	72	0%	N/A
Rumpke Harvard Road Transfer	Cuyahoga	Ohio	5	0%	N/A
Wood County Landfill	Wood	Ohio	3	0%	N/A
Out-of-State		•	•	1	•

		C	hapter 4	Waste M	anagement
N/A					
N/A					
Total			86,795	100%	49

2. Transfer Facilities

Table 4-3 Transfer Facilities Used by the District in the Reference Year

N/A

The transfer facilities listed in Table 4-3 are those identified for purposes of Ohio Revised Code Section 3734.53(A)(13)

3. Composting Facilities

Table 4-4 Composting Facilities Used by the District in the Reference Year

Facility Name	Location (County)	Material Composted	Percent of all Material	
		(tons)	Composted	
In District				
Barnes Nursery and Compost	Erie	6,043	81%	
Sparky Weilnau Farms	Erie	300	4%	
Corso's Perennials	Erie	761	10%	
Ninke Lawn Service	Erie	330	4%	
Out-of-District			•	
			0%	
			0%	
			0%	
			0%	
			0%	
			0%	
			0%	
			0%	
Total	•	7,435	100%	

4. Processing Facilities

Table 4-5 Processing Facilities Used in the Reference Year

N/A

The processing facilities listed in Table 4-5 are those identified for purposes of Ohio Revised Code Section 3734.53(A)(13)

5. Other Waste Management

N/A

D Use of Solid Waste Facilities During the Planning Period

Landfills

The Erie County Solid Waste Management District will continue to implement flow control. All waste generated within the District shall be disposed of at the Erie County Landfill. The Erie County Landfill will have adequate capacity throughout the planning period.

2. Transfer Facilities

N/A

3. Composting Facilities

Composting facilities that are operating throughout the District are predicted to operate throughout the planning period. One facility is open to the public for a charge and is predicted to remain open and operating.

4. Processing Facilities

N/A

5. Other Waste Management

N/A

E Siting Strategy

Purpose of the Siting Strategy

As explained earlier, the solid waste management plan must demonstrate that the SWMD will have access to enough capacity at landfill facilities to accept all of the waste the SWMD will need to dispose of during the planning period. If existing facilities cannot provide that capacity, then the policy committee must develop a plan for obtaining additional disposal capacity.

Although unlikely, the policy committee can conclude that that it is in the SWMD's best interest to construct a new solid waste landfill facility to secure disposal capacity. In that situation, Ohio law requires the policy committee to develop a strategy for identifying a

suitable location for the facility. That requirement is found in <u>Ohio Revised Code Section</u> <u>3734.53(A)(8)</u>. This strategy is referred to as a siting strategy. The policy committee must include its siting strategy in the solid waste management plan. If this solid waste management plan includes a siting strategy, then that strategy is summarized in this chapter and presented in full in Appendix S.

The Erie County Solid Waste Management District does not wish to implement a siting strategy.

F Designation

Purpose of Designation

Ohio law gives each SWMD the ability to control where waste generated from within the SWMD can be taken. Such control is generally referred to as flow control. In Ohio, SWMDs establish flow control by designating facilities. SWMDs can designate any type of solid waste facility, including recycling, transfer, and landfill facilities.

Even though a SWMD has the legal right to designate, it cannot do so until the policy committee specifically conveys that authority to the board of directors. The policy committee does this through a solid waste management plan. If it wants the SWMD to have the ability to designate facilities, then the policy committee includes a clear statement in the solid waste management plan giving the designation authority to the board of directors. The policy committee can also prevent the board of directors from designating facilities by withholding that authority in the solid waste management plan.

Even if the policy committee grants the board of directors the authority to designate in a solid waste management plan, the board of directors decides whether or not to act on that authority. If it chooses to use its authority to designate facilities, then the board of directors must follow the process that is prescribed in ORC Section 343.014. If it chooses not to designate facilities, then the board of directors simply takes no action.

Once the board of directors designates facilities, only designated facilities can take the SWMD's waste. That means, no one can legally take waste from the SWMD to undesignated facilities and undesignated facilities cannot legally accept waste from the SWMD. The only exception is in a situation where, the board of directors grants a waiver to allow an undesignated facility to take the SWMD's waste. Ohio law prescribes the criteria that the board must consider when deciding whether to grant a waiver and how long the board has to make a decision on a waiver request.

If the board of directors designates facilities, then the next section will provide a summary of the designation process and Table 4-6 will list currently designated facilities.

1 Description of the SWMD's Designation Process

ERIE COUNTY SOLID WASTE MANAGEMENT DISTRICT

DISTRICT RULES Effective 2023

RULE 1: DEFINITIONS

Board shall mean the Board of County Commissioners of Erie County, Ohio acting in its capacity as the Board of Directors of the District.

Collection Services shall mean Solid Waste and Source Separated Recyclable Material collection services.

District shall mean the Erie County Solid Waste Management District.

Generator shall mean each Person which generates Solid Waste within the District.

Landfill shall mean the Erie County Sanitary Landfill.

Legitimate Recycling Facility shall mean an engineered facility or site where recycling of material other than scrap tires is the primary objective of the facility, in accordance with the definition set forth in Ohio Administrative Code 3745-27-01(L)(2).

Person shall mean each individual, public or private corporation, partnership, and each other form of entity, including a political subdivision or agency thereof.

Plan shall mean the Solid Waste Management Plan or amended Solid Waste Management Plan of the District

Service Provider shall mean any Person which provides Collection Services to Generators in the District.

Solid Waste shall mean such unwanted residual solid or semisolid material as results from industrial, commercial, agricultural, and community operations, excluding earth or material from construction, mining, or demolition operations, or other waste materials of the type that normally would be included in demolition debris, nontoxic fly ash and bottom ash, including at least ash that results from the combustion of coal and ash that results from the combustion of coal in combination with scrap tires where scrap tires comprise not more than fifty per cent of heat input in any month, spent nontoxic foundry sand, nontoxic, nonhazardous, unwanted fired and unfired, glazed and unglazed, structural products made from shale and clay products, and slag and other substances that are not harmful or inimical to public health, and includes, but is not limited to, garbage, scrap tires, combustible and noncombustible material, street dirt, and debris. Solid Waste does not include any material that is an infectious waste or a hazardous waste.

Source Separated Recyclable Materials shall mean a subset of Solid Waste materials that have been separated from other Solid Waste materials at the location where the materials are generated, for the purpose of recycling such materials at a Legitimate Recycling Facility.

RULE 2: REQUIREMENT FOR DISPOSAL AT THE ERIE COUNTY SANITARY LANDFILL OF SOLID WASTE GENERATED IN THE ERIE COUNTY SOLID WASTE MANAGEMENT DISTRICT.

No Person shall deliver, or cause the delivery of, any Solid Waste generated within the District to any solid waste facility other than the Landfill, the only solid waste facility designated by the Plan, or a solid waste facility outside the boundaries of the State of Ohio, unless a waiver from this rule has been granted by the Board, in accordance with Section 343.01(I)(2) of the Ohio Revised Code. For the purpose of this rule, Solid Waste shall exclude: asbestos, yard waste, hazardous waste, Source Separated Recyclable Material, or any other Solid Waste which the Erie County Utilities Director has determined is unacceptable at the Landfill.

RULE 3: REQUIREMENT FOR SUBMISSION OF PLANS FOR SOLID WASTE DISPOSAL, TRANSFER, RECYCLING OR RESOURCE RECOVERY FACILITIES TO THE BOARD OF COUNTY COMMISSIONERS.

Any Person proposing to construct, enlarge, or modify any in-District solid waste transfer, disposal, recycling or resource recovery facility shall submit general plans and specifications for the proposed construction, enlargement or modification to the Board for a determination by that Board of whether those plans and specifications comply with the Plan.

No Person shall construct, enlarge or modify any solid waste transfer, disposal, recycling or resource recovery facility until general plans and specifications for the proposed construction, enlargement or modification have been approved by the Board as complying with the Plan.

This rule shall not apply to any facility described in Division (D) of Section 3734.53 of the Ohio Revised Code, which includes captive facilities and facilities exclusively for the disposal of wastes from the combustion of coal.

General plans and specifications shall be submitted to the attention of the Erie County Solid Waste District Coordinator, 554 River Road, Huron, Ohio 44839. All general plans and specifications shall be clearly marked as complying with the requirements of the Rule Number 3 and Section 343.01(G)(2) of the Revised Code.

RULE 4: ESTABLISHMENT AND OPERATION OF DISTRICT SOLID WASTE COLLECTION SYSTEM.

Except as herein provided, each Generator shall utilize the services of a Service Provider to collect the Solid Waste that it generates, OR Generator shall transport waste generated to the Erie County Sanitary Landfill for proper disposal.

No Person which is not a Service Provider shall provide Collection Services to Generators.

RULE 5: WAIVER FROM DESIGNATION

Any Person may request, in writing, that the District grant a waiver permitting the delivery of Solid Waste to a solid waste facility other than a solid waste facility designated in the Plan. All written waiver requests shall include such information and explanation as are required to demonstrate (1) that the requested waiver, if granted, is not inconsistent with the projections contained in the Plan and will not adversely affect the implementation and financing of the Plan as provided in the implementation schedule contained in the Plan; or (2) that the Solid Waste, which is the subject of the waiver request is exempt from delivery to a designated solid waste facility pursuant to applicable law or rules of the District. All such waiver requests shall be submitted to the Erie County Solid Waste Management District, attention: Solid Waste Coordinator, 554 River Road, Huron, Ohio 44839. All such waiver requests shall be clearly marked as complying with the requirements of this Rule Number 5 and Section 343.01(I)(2) of the Ohio Revised Code.

RESOLUTION NO. 197-3

RESOLUTION OF THE BOARD OF DIRECTORS OF THE SOLID WASTE MANAGEMENT DISTRICT OF ERIE COUNTY, OHIO, FOR THE PURPOSES OF ADOPTING A STRATEGY FOR ENFORCING THE ERIE COUNTY SOLID WASTE MANAGEMENT DISTRICT'S FACILITY DESIGNATION RULE.

The Board of Directors of the Erie County Solid Waste Management District of Erie County, Ohio met this 6thday of February , 1997 in

Special Session with the following members

present:

Nancy McKeen, Harold Butcher, Thomas Ferrell Mr. Ferrell introduced the following resolution and moved its adoption:

WHEREAS, the Erie County Solid Waste Management District, the "District," was established pursuant to O.R.C. 343.01 and 3734.52 for the purposes of preparing, adopting, submitting and implementing the Solid Waste Management Plan for the District, and for the purpose of providing for, or causing to be provided for, the safe and sanitary management of solid waste within all of the incorporated and unincorporated territory of the District that is protective of the public health safety and welfare; and

WHEREAS, the District's Board of Directors has determined that it is necessary to designate the Erie County Sanitary Landfill in order to assure adequate disposal capacity for solid waste generated within the District, as well as to assure that all solid waste generated within the District is disposed of in a safe and sanitary manner; and

WHEREAS, the Board of Directors adopted a Solid Waste Management Plan, the "Plan," that depends upon designation of the Erie County Sanitary Landfill for the implementation of an effective long-term plan that provides for the safe and sanitary management of solid waste generated within the District and, on December 27, 1993, said Plan was approved in order to be implemented by the Director of Ohio EPA; and

WHEREAS, the Board of Directors has adopted and published rules to implement the Plan's designation of the Erie County Sanitary Landfill, which rules require that all solid waste collected within Erie County must be delivered to the Erie County Sanitary Landfill; and

WHEREAS, the Board of Directors desires to implement a policy that all individuals, corporations, and commercial, industrial, and governmental entities subject to the rules adopted and published by the Board of Directors are in compliance therewith; and

WHEREAS, the Board of Directors desires to authorize the District, in conjunction with the Erie County Prosecutor, to take necessary or appropriate enforcement action to ensure compliance with the District's Plan and rules designating the Erie County Sanitary Landfill; NOW THEREFORE,

BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE ERIE COUNTY SOLID WASTE MANAGEMENT DISTRICT OF ERIE COUNTY, OHIO:

THAT, this Board hereby authorizes the District, in conjunction with the Erie County Prosecutor, to take necessary or appropriate enforcement action including, but not limited to the strategies identified in Exhibit "A" attached hereto, to ensure compliance with the District's Plan and rules designating the Erie County Sanitary Landfill.

THAT, this Board of Directors of the Erie County Solid Waste Management District hereby finds and determines that all formal actions relative to the adoption of this Resolution were taken in an open meeting of this Board; and that all deliberations of this Board and of its committees, if any, which resulted in formal action, were taken in meetings open to the public, in full compliance with applicable legal requirements, including Section 121.22 of the Revised Code.

Mr. Butcher seconded the motion for the adoption of said Resolution; and the roll being called upon its adoption, the vote resulted as follows:

Roll Call: Mr. Butcher - Aye, Mr. Ferrell-Aye, Mrs. McKeen-Aye

Adopted: February 6, 1997

CERTIFICATE

I, Patricia C. Tomazic, Secretary of the Board of Directors of the Erie County Solid Waste Management District, hereby do certify that the above is a true and correct copy of Resolution 197-3 adopted by said Board of February 6, 1997.

Board of Directors /

Erie County Solid Waste Management District

Secretary

2 List of Designated Facilities

Table 4-6 Facilities Currently Designated

Facility Name	Loca	Eggility Type		
Facility Name	County	State	Facility Type	
In-District				
Erie County Sanitary Landfill	Erie	Ohio	Landfill	
		Ohio		
Out-of-District				
		Ohio		
Out-of-State				

The Erie County Sanitary Landfill located in Erie County Ohio is the Designated Facility for waste generated within The Erie County Solid Waste Management District.

CHAPTER 5 WASTE REDUCTION AND RECYCLING

Purpose of Chapter 5

As was explained in Chapter 1, a SWMD must have programs and services to achieve reduction and recycling goals established in the state solid waste management plan. A SWMD also ensures that there are programs and services available to meet local needs. The SWMD may directly provide some of these programs and services, may rely on private companies and non-profit organizations to provide programs and services, and may act as an intermediary between the entity providing the program or service and the party receiving the program or service.

Between achieving the goals of the state plan and meeting local needs, the SWMD ensures that a wide variety of stakeholders have access to reduction and recycling programs. These stakeholders include residents, businesses, institutions, schools, and community leaders. These programs and services collectively represent the SWMD's strategy for furthering reduction and recycling in its member counties.

Before deciding upon the programs and services that are necessary and will be provided, the policy committee performed a strategic, in-depth review of the SWMD's existing programs and services, recycling infrastructure, recovery efforts, finances, and overall operations. This review consisted of a series of 12 analyses that allowed the policy committee to obtain a holistic understanding of the SWMD by answering questions such as:

- Is the SWMD adequately serving all waste generating sectors?
- Is the SWMD recovering high volume wastes such as yard waste and cardboard?
- How well is the SWMD's recycling infrastructure being used/how well is it performing?
- What is the SWMD's financial situation and ability to fund programs?

Using what it learned, the policy committee drew conclusions about the SWMD's abilities, strengths and weaknesses, operations, existing programs and services, outstanding needs, available resources, etc. The policy committee then compiled a list of actions the SWMD could take, programs the SWMD could implement, or other things the SWMD could do to address its conclusions. The policy committee used that list to make decisions about the programs and services that will be available in the SWMD during the upcoming planning period.

After deciding on programs and services, the policy committee projected the quantities of recyclable materials that would be collected through those programs and services. This in turn allowed the policy committee to project its waste reduction and recycling rates for both the residential/commercial sector and the industrial sector (See appendix E for the residential/commercial sector and Appendix F for the industrial sector).

A. Solid Waste Management District's Priorities *Actions*

- Advertising Campaign- Up to \$75,000 annually throughout the planning period to have consistent messaging on recycling rules.
- Sheriff Litter Trailer- \$5,000 and increase 5% annually throughout the planning period per year. This will be a continuing program from previous planning period.
- G.R.E.E.N. Bean Community Trailer- \$1,000 and increase 5% over the planning period. This will be a continuing program from previous planning period.
- Debris Management Plan- \$25,000 annually for managing all types of waste/debris resulting from a disaster or significant emergency.
- Household Battery Collections (Drop-Off Sites) \$30,000.00 annually increase of 5% annually throughout the planning period per year. Fund will be used to pay private contractor to collect, haul and properly dispose of batteries collected at drop-off sites throughout the county. This will be a continuing program from previous planning period.
- Household Hazardous Waste Collections- \$30,000.00 annually increase of 5% annually throughout the planning period per year. This will be a continuing program from previous planning period.
- Municipality Tire Credit-\$1,000 credit to each municipality in the District (\$16,000 total) for tire recycling to reduce the amount of roadside tires throughout the District. This will be a continuing program from previous planning period.
- Community Clean Up Grants- Up to \$10,000 in grant monies annually to local
 political subdivisions of Erie County Solid Waste District (\$160,000.00 total). This
 grant will allow municipalities to host their own clean up events. This will be a
 continuing program from previous planning period, with increased funds.
- Sheriff Litter Aide- \$150,000 annually
- The District provides funding to the Erie County Sheriff deputy's wages and fringes that operates the community service litter collection trailer not cover by grant fund from the Common Pleas Court. The District will also provide funding to the investigating and enforcing litter and related solid waste laws. The combined funding will be \$150,000.00 annually throughout the planning period. This will be a continuing program from previous planning period.

- Recycled Materials Grant- Up to \$250,000 annually to encourage the purchase of recycled-content products. This grant is offered to public and private entities.
- Revolving Loan Fund- Up to \$75,000 annually for businesses wishing to start at a recycling program.

2. Priorities

- Advertising Campaign- Goals 2,3,4,5
- Sheriff Litter Trailer- Goal 2
- G.R.E.E.N. Bean Community Trailer- Goals 2,4
- Debris Management Plan- Goals 2,5
- Household Battery Collections (Drop-Off Sites) Goal 5
- Household Hazardous Waste Collections- Goal 5
- Municipality Tire Credit- Goal 5
- Community Clean Up Grants- Goals 2,5
- Sheriff Litter Aide- Goal 2
- Recycled Materials Grant- Goals 3,4,5, 6, 8,9
- Revolving Loan Fund- Goals 1,2,3, 4, 5, 6,8, 7

B. Program Descriptions

Residential Recycling Infrastructure

Curbside Recycling Services

Table 5-1 Curbside Recycling Services

ID#	Name of Curbside Service/Community Served	Service Provider	When Service Was/Will be Available
NCS1	Berlin Village	Republic	Existing
		Services	
NCS2	Huron City	Republic	Existing
		Services	

SC1	Bay View Village	Republic	Existing
		Services	
SC2	Berlin Township	Republic	Existing
		Services	
SC3	Castalia Village	Republic	Existing
		Services	
SC4	Sandusky City	Republic	Existing
		Services/	
		US	
		Rubbish	
SC5	Florence Township	Republic	Existing
		Services	
SC6	Groton Township	Republic	Existing
		Services	
SC7	Margaretta Township	Republic	Existing
		Services	
SC8	Milan Township	Republic	Existing
		Services	
SC9	Milan Village	Republic	Existing
		Services	
SC10	Oxford Township	Republic	Existing
		Services	
SC11	Perkins Township	Republic	Existing
00:-		Services	
SC12	Vermilion Township	Republic	Existing
		Services	
SC13	Huron Township	Republic	Existing
		Services	

Drop-off Recycling Locations

Table 5-2 Drop-off Recycling Locations

ID#	Name of Drop- off/Community Served	Service Provider	When Service was/will be Available
FTU1	Sandusky (Service Center)	Republic Services	Existing
FTU2	Sandusky Steel	Sandusky Steel	Existing
FTR1	Erie County Landfill	Republic Services	Existing
FTR2	Groton Township	Republic Services	Existing

FTR3	Margaretta Township	Republic	Existing
		Services	
FTR4	Berlin Township	Scrap Yard	Existing
FTR5	Florence Township	Royal Oak	Existing
		Recycling	

Commercial/Institutional Sector Reduction and Recycling Programs

The District currently offers the following programs to commercial businesses within the District:

- In person presentations
- Media resources
- Technical assistance with recycling programs
- Liaison with recycling companies
- Technical assistance with grant programs
- Surveys

New Strategies for Commercial Business Recycling:

In addition to the current programs offered by the District, during the planning period the District would like to offer the following to increase governmental agencies recycling:

- Sharing information on economic incentives provided by various recycling companies
- Share Information on the benefit of manufacturing with recycled products
- Provide information on energy saving projects
- District would like to establishing a revolving loan fund for commercial businesses

Industrial Sector Reduction and Recycling Programs

The District currently offers the following programs to commercial businesses within the District:

- In person presentations
- Media resources
- Technical assistance with recycling programs
- Liaison with recycling companies
- Technical assistance with grant programs
- Surveys

New Strategies for Commercial Business Recycling:

In addition to the current programs offered by the District, during the planning period the District would like to offer the following to increase governmental agencies recycling:

- Collaborating with industries through the Ohio Materials Marketplace
- District would like to establishing a revolving loan fund for industrial businesses
- Work with industries and consultants on waste assessments

Restricted/Difficult to Manage Wastes

Yard Waste- Privately owned compost facility located within the District open to residents for a charge.

Household Hazardous Waste- Annual collection operated by the District

Scrap Tires- Drop-off program at the Erie County Landfill funded with user fee.

Electronic Equipment- Utilization of local businesses providing electronic equipment recycling at no charge.

Lead-Acid Batteries- Drop off locations located throughout the county.

Appliances- Privately owned scrap yard accepts used/unwanted/non-working appliances.

Pharmaceuticals- Drop boxes located at police stations throughout the District.

Other Material Specific Programs

Food Waste- Privately owned compost facility located within the District open to residents for a charge.

Glass- Glass is accepted at District drop-off locations and through curbside recycling.

Funding/Grants

 Improvement Grants- Community Clean up Grants up to \$10,000 annually for municipalities that hold a clean-up collection event. Recycled Materials Grant- Up to \$250,000 annually to encourage the purchase of recycled-content products. This grant is offered to public and private entities.

Other Funding/Grant Programs (list individually)

Economic Incentives

Volume-Based Billing/Pay-As-You-Throw Trash Collection- Offered through private haulers.

Market Development Programs

• Recycled Materials Grant- Up to \$250,000 annually to encourage the purchase of recycled-content products. This grant is offered to public and private entities.

Feasibility Studies-

As needed

Facilities

Materials Recovery Facilities/Recycling Centers- N/A

Landfills- Erie County Sanitary Landfill (not operated by the Solid Waste District)

Closed Facility Maintenance (Closure/Post-Closure Care)- N/A

Transfer Facilities-N/A

Composting Facilities- Privately owned and operated

Data Collection

Annual survey

Outreach, Education, Awareness, and Technical Assistance

Web Page- Solid Waste District / Recycling (oh.gov)

Resource Guide- Digital and hard copy available.

Education Provider- District Coordinator

Outreach and Marketing Plan

- Residential Sector- providing education and technical assistance.
- Commercial/Institutional Sector- providing education and technical assistance.
- **Industrial Sector-** providing education and technical assistance.
- Political Leaders- providing education and technical assistance.
- **Schools-** providing education and technical assistance.

Other Programs

Open Dumping/Litter Enforcement- Sheriff Litter Aide- The District provides funding to the Erie County Sheriff deputy's wages and fringes that operates the community service litter collection trailer not cover by grant fund from the Common Pleas Court. The District will also provide funding to the investigating and enforcing litter and related solid waste laws. The combined funding will be \$150,000.00 annually throughout the planning period.

Disaster Debris Assistance- \$25,000 annually for managing all types of waste/debris resulting from a disaster or significant emergency

Other- Revolving Loan Fund- Up to \$75,000 annually for businesses to start recycling programs.

C. Waste Reduction and Recycling Rates

1. Residential/Commercial Recycling in the District

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

Year	Projected Quantity Collected (tons)	Residential/ Commercial WRR ¹ (%)
2020	28,152	29%
2021	28,715	29%
2022	29,289	30%
2023	29,875	31%
2024	30,472	31%
2025	31,082	32%

¹WRR = Waste Reduction and Recycling Rate

2. Industrial Recycling in the District

Table 5-4 Industrial Waste Reduction and Recycling Rate

Year	Projected Quantity Collected (tons)	Industrial WRR ¹ (%)
2020	2,348	17%
2021	2,395	17%
2022	2,442	17%
2023	2,491	17%
2024	2,541	18%

Chapter 5 Waste Reduction and Recycling

¹WRR = Waste Reduction and Recycling Rate

CHAPTER 6 BUDGET

Purpose of Chapter 6

Ohio Revised Code Section 3734.53(B) requires a solid waste management plan to present a budget. This budget accounts for how the SWMD will obtain money to pay for operating the SWMD and how the SWMD will spend that money. For revenue, the solid waste management plan identifies the sources of funding the SWMD will use to implement its approved solid waste management plan. The plan also provides estimates of how much revenue the SWMD expects to receive from each source. For expenses, the solid waste management plan identifies the programs the SWMD intends to fund during the planning period and estimates how much the SWMD will spend on each program. The plan must also demonstrate that planned expenses will made in accordance with ten allowable uses that are prescribed in ORC Section 3734.57(G).

Ultimately, the solid waste management plan must demonstrate that the SWMD will have adequate money to implement the approved solid waste management plan. The plan does this by providing annual projections for revenues, expenses and cash balances.

If projections show that the SWMD will not have enough money to pay for all planned expenses or if the SWMD has reason to believe that uncertain circumstances could change its future financial position, then the plan must demonstrate how the SWMD will balance its budget. This can be done by increasing revenues, decreasing expenses, or some combination of both.

This chapter of the solid waste management plan provides an overview of the SWMD's budget. Detailed information about the budget is provided in Appendix O.

A. Overview of the SWMD's Budget

On average the District receives \$400,000-\$500,000 in revenues annually through generation fees. On average the District spends \$300,000-\$400,000 annually to provide recycling opportunities, education and litter law enforcement.

Throughout the previous planning period the district saw a consistent carryover quarter to quarter and year to year. This carryover was due to decreased expenditures:

- Reduction in staff, salary, HHW Collections and battery drop-offs
- Partnering with local entities to provide no cost workshops
- Fundraising and sponsorships to reduce cost for events
- Renewing expired contracts to reduce cost and locking in pricing

Going forward the District has implemented cost increase in funding for programing to spend down some of the excess carryover balance that it has accumulated throughout the years. These increases will give the District more options going forward. The total budgeted amount may not get spent every year. Program funding increases include:

- Community Clean Up Grants- \$2,500 annually per municipality to be increased to up to \$10,000 annually per municipality.
- Advertising- \$ 100 annually increased up to \$75,000 annually.
- Recycled Materials Grant- \$5,000 annually increased up to \$250,000 annually.
- Revolving loan fund- up to \$75,000 annually

B. Revenue

Overview of How Solid Waste Management Districts Earn Revenue

There are a number of mechanisms SWMDs can use to raise the revenue necessary to finance their solid waste management plans. Two of the most commonly used mechanisms are disposal fees and generation fees.

Before a SWMD can collect a generation or disposal fee it must first obtain approval from local communities through a ratification process. Ratification allows communities in the SWMD to vote on whether they support levying the proposed fee.

<u>Disposal Fees</u> (See Ohio Revised Code Section 3734.57(B))

Disposal fees are collected on each ton of solid waste that is disposed at landfills in the levying SWMD. There are three components, or tiers, to the fee. The tiers correspond to where waste came from – in-district, out-of-district, and out-of-state. Indistrict waste is solid waste generated by counties within the SWMD and disposed at landfills in that SWMD. Out-of-district waste is solid waste generated in Ohio counties that are not part of the SWMD and disposed at landfills in the SWMD. Out-of-state waste is solid waste generated in other states and disposed at landfills in the SWMD.

Ohio's law prescribes the following limits on disposal fees:

- The in-district fee must be at least \$1.00 and no more than \$2.00;
- The out-of-district fee must be at least \$2.00 and no more than \$4.00; and
- The out-of-state fee must be equal to the in-district fee.

Generation fees (see Ohio Revised Code Section 3734.573)

Generation Fees are collected on each ton of solid waste that is generated within the levying SWMD and accepted at either a transfer facility or landfill located in Ohio. The fee is collected at the first facility that accepts the SWMD's waste. There are no minimum or maximum limits on the per ton amount for generation fees.

Rates and Charges (see Ohio Revised Code Section 343.08)

The board of directors can collect money for a SWMD through what are called rates and charges. The board can require anyone that receives solid waste services from the SWMD to pay for those services.

Contracts (see Ohio Revised Code Sections 343.02 and 343.03)

The board of directors can enter into contracts with owners/operators of solid waste facilities or transporters of solid waste to collect generation or disposal fees on behalf of a SWMD.

Other Sources of Revenue

There are a variety of other sources that SWMDs can use to earn revenue. Some of these sources include:

- Revenue from the sale of recyclable materials;
- User fees (such as fees charged to participate in scrap tire and appliance collections);
- County contributions (such as from the general revenue fund or revenues from publicly-operated solid waste facilities (i.e. landfills, transfer facilities));
- Interest earned on cash balances:
- Grants;
- Debt; and
- Bonds.

1. Generation Fees

The District receives \$6 per ton as the generation fee.

2. Other Funding Mechanisms

User Fee- The District charges residents a user fee to recycle tires. This user fee is used to offset the cost of the tire recycling program.

Reimbursements- Annually the District partners with Erie MetroParks for an event to promote substantiality. For this event the District receives sponsorships from local businesses to offset the cost of the event.

Table 6-1 Summary of Revenue

Year	Disposal Fees	Seneration Fees	Fees Fees	Other F	Other Revenue				
				User Fee	Reimbursements	Enter Revenue Source C	Enter Revenue Source D	Enter Revenue Source E	Revenue
Refer	ence Year								
2019	\$0	\$462,404	\$0	\$6,447	\$775	\$0	\$0	\$0	\$469,626
Plann	ing Period								
2020	\$0	\$462,404	\$0	\$7,474	\$856	\$0	\$0	\$0	\$470,734
2021	\$0	\$462,404	\$0	\$7,698	\$873	\$0	\$0	\$0	\$470,975
2022	\$0	\$462,404	\$0	\$7,929	\$890	\$0	\$0	\$0	\$471,224
2023	\$0	\$462,404	\$0	\$8,167	\$908	\$0	\$0	\$0	\$471,479
2024	\$0	\$462,404	\$0	\$8,412	\$926	\$0	\$0	\$0	\$471,742
2025	\$0	\$462,404	\$0	\$8,664	\$945	\$0	\$0	\$0	\$472,013

Source(s) of Information: 2019 Quarterly Fee Reports

Sample Calculations: Ohio EPA formula

Assumptions:

Revenue should remain consistent throughout the planning period.

C. Expenses

Overview of How Solid Waste Management Districts Spend Money

Ohio's law authorizes SWMDs to spend revenue on 10 specified purposes (often referred to as the 10 allowable uses). All of the uses are directly related to managing solid waste or for dealing with the effects of hosting a solid waste facility. The 10 uses are as follows:

- 1. Preparing, monitoring, and reviewing implementation of a solid waste management plan.
- 2. Implementing the approved solid waste management plan.
- 3. Financial assistance to approved boards of health to enforce Ohio's solid waste laws and regulations.
- 4. Financial assistance to counties for the added costs of hosting a solid waste facility.
- 5. Sampling public or private wells on properties adjacent to a solid waste facility.
- 6. Inspecting solid wastes generated outside of Ohio and disposed within the SWMD.
- 7. Financial assistance to boards of health for enforcing open burning and open dumping laws, and to law enforcement agencies for enforcing anti-littering laws and ordinances.
- 8. Financial assistance to approved boards of health for operator certification training.
- 9. Financial assistance to municipal corporations and townships for the added costs of hosting a solid waste facility that is not a landfill.
- 10. Financial assistance to communities adjacent to and affected by a publicly-owned landfill when those communities are not located within the SWMD or do not host the landfill.

In most cases, the majority of a SWMD's budget is used to implement the approved solid waste management plan (allowable use 2). There are many types of expenses that a solid waste management district incurs to implement a solid waste management plan. Examples include:

- salaries and benefits:
- purchasing and operating equipment (such as collection vehicles and drop-off containers);
- operating facilities (such as recycling centers, solid waste transfer facilities, and composting facilities);
- offering collection programs (such as for yard waste and scrap tires);
- providing outreach and education;
- providing services (such as curbside recycling services); and
- paying for community clean-up programs.

Table 6-2 Summary of Expenses

	Year							
Expense Category	Reference	Planning Period						
	2019	2020	2021	2022	2023	2024	2025	
Plan Monitoring/Prep.	\$3,978	\$4,314	\$5,192	\$4,577	\$5,485	\$4,856	\$5,769	
Personnel/Admin./O ffice Overhead	\$60,415	\$55,77 9	\$55,78 0	\$57,45 3	\$59,177	\$60,952	\$62,781	
Drop-Off Recycling	\$52,227	\$58,54 5	\$59,71 6	\$100,0 00	\$100,000	\$102,000	\$104,040	
Tire Collection	\$3,478	\$6,600	\$22,73 2	\$23,18 7	\$23,650	\$24,123	\$24,606	
HHW Collection	\$56,810	\$23,14 6	\$24,30 3	\$25,51 8	\$26,794	\$28,134	\$29,540	
Education/ Awareness	\$2,950	\$3,000	\$240,0 00	\$240,0 00	\$620,000	\$620,000	\$620,000	
Recycling Market Development	\$0	\$0	\$50,00 0	\$50,00 0	\$310,000	\$310,000	\$310,000	
Community Clean Up Grants	\$32,384	\$23,60 0	\$40,00 0	\$40,00 0	\$160,000	\$160,000	\$160,000	
Local Law Enforcement	\$150,000	\$150,0 00	\$150,0 00	\$150,0 00	\$150,000	\$150,000	\$150,000	
Emergency Debris Management	\$0	\$0	\$0	\$0	\$25,000	\$25,000	\$25,000	
Total Expenses	\$362,242	\$324,9	\$647,7	\$690,7	\$1,480,1	\$1,485,0	\$1,491,7	
TOTAL EXPENSES	φ302,242	84	23	35	\$1,480,1 06	\$1,465,0 65	36	

Source(s) of Information: 2019 Quarterly Fee Report.

Assumptions: Throughout the previous planning period the district saw a consistent carry over quarter to quarter and year to year. This carryover was due to decrease in expenditures:

- Reduction in staff, salary, HHW Collections and battery drop-offs
- Partnering with local entities to provide no cost workshops
- Fundraising and sponsorships to reduce cost for events
- Renewing expired contracts to reduce cost and lock in pricing

Going forward the District has implemented cost increase in funding for programing to spend down some of the excess carryover balance that it has accumulated throughout the years. Program funding increases include:

- Community Clean Up Grants- \$2,500 annually per municipality to be increased to up to \$10,000 annually per municipality.
- Advertising- \$ 100 annually increased up to \$75,000 annually.
- Recycled Materials Grant- \$5,000 annually increased up to \$250,000 annually.
- Revolving loan fund- up to \$75,000 annually

D. Budget Summary

Table 6-3 Budget Summary

Year	Revenue	Expenses	Net Difference	Ending Balance				
Reference Year								
2019	\$469,626 \$571,465 -\$101,838		\$1,647,119					
Plannin	g Period							
2020	\$470,499	\$435,630	\$34,870	\$1,738,545				
2021	\$470,734	\$441,104	\$29,630	\$1,768,174				
2022	\$470,975	\$448,343	\$22,632	\$1,790,807				
2023	\$471,224	\$454,200	\$17,024	\$1,807,831				
2024	\$471,479	\$461,883	\$9,596	\$1,817,426				
2025	\$471,742	\$458,154	\$13,589	\$1,831,015				

Source(s) of Information: Quarterly Fee Reports

Revenues should remain consistent, expenses will increase to add new programs to spend down excess carry over balance. The District would like to remain flexible as recycling conditions changes over the coming years.

E Alternative Budget

Purpose of an Alternative Budget

The budget that was described earlier in this section represents the policy committee's preferred and anticipated budget. However, there may be circumstances beyond the SWMD's control that make it difficult for the policy committee to confidently project the SWMD's future financial position. In those circumstances, the policy committee provides an alternative budget. That alternative budget demonstrates how the SWMD would adjust its financial strategy if circumstances significantly change the SWMD's financial position after the solid waste management plan is approved.

An alternative budget can address situations where the SWMD may not have enough money to implement the plan as well situations where the SWMD may have more money than anticipated.

Potential circumstances that warrant an alternative budget include:

- Uncertainties about the SWMD's ability to collect revenue from a funding source in the future/stability of the SWMD's sources of funding. An example is a SWMD that relies on a disposal fee and the only landfill within the SWMD may or may not close in six years;
- Lack of a clear historical trend to predict how much revenue the SWMD can

expect to receive from a funding source;

- Uncertainties about how much revenue the SWMD will earn during the planning period;
- Uncertainties about the future costs of planned programs; and
- Programs the SWMD may or may not implement.

Having an alternative budget provides a SWMD with flexibility to alter its financial strategy without having to update its solid waste management plan sooner than required to. At the same time, the policy committee can present a solid waste management plan that demonstrates meeting all requirements needed to be approvable under uncertain circumstances.

In an alternative budget, a policy committee may:

- provide for a contingent funding source the SWMD will implement if an anticipated funding source becomes unavailable or doesn't generate revenue as projected;
- present reduced expenses in order to meet lower than projected revenue;
- identify and project costs for programs the SWMD will implement if revenue is higher than projected; or
- some combination of the previous options.

The alternative budget presented below is a summary of the policy committee's strategy for addressing uncertainty in the preferred budget. The alternative budget is described in more detail in Section C of Appendix O.

Table 6-4 Alternative Budget Summary

N/A

F. Major Facility Project

Purpose of a Budget for a Major Facility Project

SWMDs can own and operate solid waste management facilities, and a number already do. Other SWMDs include feasibility studies or strategies to build new or make renovations to existing facilities in their solid waste management plans.

The types of facilities solid waste management districts own and operate include landfills, transfer facilities, material recovery facilities, recycling centers, household hazardous waste collection centers, and composting facilities.

Solid waste facilities represent major financial undertakings that can result in substantial capital investments along with ongoing operating costs. For this reason, when the policy committee decides that the SWMD will develop a new or make extensive renovations to an existing solid waste management facility, the solid waste management plan provides a specific budget for that facility.

This chapter of the solid waste management plan provides a summary of the SWMD's major facility budget. The full details of the budget are provided in Section D of Appendix O.

N/A

APPENDIX A MISCELLANEOUS INFORMATION

Reference Year Planning Period Goal Statement Material Change in Circumstances Explanations of Differences in Data

A. Reference Year

The reference year for this solid waste management plan is 2019

B. Planning Period (first and last years)

The planning period for this solid waste management plan is: 2023 to 2038

C. Goal Statement

The SWMD will achieve the following Goal(s): Goal 2

D. Explanations of differences between data previously reported and data used in the solid waste management plan

- a. Quantities of materials recovered between the annual district report and the solid waste management plan are different. In 2020 when collecting data for the 2019 annual district report the district did not get a response from many local haulers and scrap yards. During the planning period in 2021 the district received approval from OEPA to reach back out to haulers and scrap yards to try to get data, so we could accurately complete the plan. Republic Services (the major hauler in the District) was able to provide data because they had a new person in charge of our area that was willing to work with the district to provide this information. This Republic Services representative is now working closely with the district and will provide future data for annual reports. Sandusky Steel (large scrap yard in the District) also provided the district with data for the planning process that they did not provide for the annual district report.
- b. The District reported pass through grants for the received Market Development Grants in the Quarterly Fee Reports. For this plan the District did not include the pass through grants as part of the finical plan because these grants do not fund programs for the District and are not considered a revenue or an expense to the District.

APPENDIX B RECYCLING INFRASTRUCTURE INVENTORY

- A. Curbside Recycling Services, Drop-Off Recycling Locations, and Mixed Solid Waste Materials Recovery Facilities
- 1. Curbside Recycling Services

Note: Table on next page

Table B-1a Inventory of Non-Subscription Curbside Recycling Services Available in the Reference Year

ID#	Name of Curbside Service	Service Provider	Coun ty	How Service is Provided	Collection Frequency	Materials Collected ⁽¹⁾	Type of Collect ion	PAY T (Y/N)	Weight of Material s Collect ed from SWMD (tons)	Service will Continue Throughout Planning Period (Y/N)
NCS1	Berlin Village	Republic Services	Erie	Contract between political jurisdiction and private hauler.	weekly	Cardboard, Paper, Metal/Alumin um, Plastic, Glass	Single Stream	Y	23	Υ
NCS2	Huron City	Republic Services	Erie	Contract between political jurisdiction and private hauler.	weekly	Cardboard, Paper, Metal/Alumin um, Plastic, Glass	Single Stream	Y	761	Y
Total									784	

Two municipalities participated in a non-subscription curbside recycling program for the 2019 reference year totaling 784 tons collected.

Table B-1b Inventory of Subscription Curbside Recycling Services Available in the Reference Year

ID#	Name of Curbside Service	County	How Service is Provided	Collection Frequency	Materials Collected ⁽¹⁾	Type of Collection	PAYT (Y/N)	Weight of Materials Collected from SWMD (tons)	Service will Continue Throughout Planning Period (Y/N)
SC1	Bay View Village	Erie	Private Hauler	Weekly	Cardboard, Paper, Metal/Aluminum, Plastic, Glass	Single Stream	Y		Υ
SC2	Berlin Township	Erie	Private Hauler	Weekly	Cardboard, Paper, Metal/Aluminum, Plastic, Glass	Single Stream	Y	40	Υ
SC3	Castalia Village	Erie	Private Hauler	Weekly	Cardboard, Paper, Metal/Aluminum, Plastic, Glass	Single Stream	Y	19	Υ
SC4	Sandusky City	Erie	Private Hauler	Weekly	Cardboard, Paper, Metal/Aluminum, Plastic, Glass	Single Stream	Y	172	Υ
SC5	Florence Township	Erie	Private Hauler	Weekly	N/A	N/A	Υ	N/A	N/A
SC6	Groton Township	Erie	Private Hauler	Weekly	Cardboard, Paper, Metal/Aluminum, Plastic, Glass	Single Stream	Y	28	Υ

SC7	Margaretta Township	Erie	Private Hauler	Weekly	Cardboard, Paper, Metal/Aluminum, Plastic, Glass	Single Stream	Y	19	Y
SC6	Milan Township	Erie	Private Hauler	Weekly	Cardboard, Paper, Metal/Aluminum, Plastic, Glass	Single Stream	Y	36	Y
SC9	Milan Village	Erie	Private Hauler	Weekly	Cardboard, Paper, Metal/Aluminum, Plastic, Glass	Single Stream	Y		Y
SC10	Oxford Township	Erie	Private Hauler	Weekly	Cardboard, Paper, Metal/Aluminum, Plastic, Glass	Single Stream	Y		Y
SC11	Perkins Township	Erie	Private Hauler	Weekly	Cardboard, Paper, Metal/Aluminum, Plastic, Glass	Single Stream	Y		Y
SC12	Vermilion Township	Erie	Private Hauler	Weekly	Cardboard, Paper, Metal/Aluminum, Plastic, Glass	Single Stream	Y	4	Y
SC13	Huron Township	Erie	Private Hauler	Weekly	Cardboard, Paper, Metal/Aluminum, Plastic, Glass	Single Stream	Y		Y
SC14	Kelley's Island Village	Erie	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total								318	

Twelve municipalities participated in a subscription curbside recycling program for the 2019 Reference Year, totaling 318 tons collected. Data for 5 municipalities was not reported by hauler.

2. Drop-Off Recycling Locations

Table B-2a Inventory of Full-Time, Urban Drop-off Sites Available in the Reference Year

ID#	Name of Drop-off Site	Service Provider	County	How Service is Provided	Days and Hours Available to the Public	Materials Collected ⁽¹⁾	Drop-off Meets All Minimum Standards (Y/N)	Weight of Materials Collected from the SWMD (tons)	Service will Continue Throughout Planning Period (Y/N)
FTU1	Sandusky (Service Center)	Republic Services	Erie	Contract between political jurisdiction and private hauler.	24hrs/7 days a week	Cardboard, Paper, Metal/Aluminum, Plastic, Glass	Y	312	Υ
FTU2	Sandusky Steel	Sandusky Steel	Erie	Private Collector	8.5 hrs/5 days a week. 3.5 hours 1 day a week.	Cardboard, Paper, Metal/Aluminum	Y	3,840	Y
Total								4,152	

Two full time urban drop-off locations were operating in the 2019 Reference Year, 4,152 tons were collected. All materials collected were reported as creditable materials.

Table B-2b Inventory of Part-Time, Urban Drop-off Sites Available in the Reference Year

ID#	Name of Drop- off Site	Service Provider	County	How Service is Provided	Days and Hours Available to the Public	Materials Collected ⁽¹⁾	Drop-off Meets All Minimum Standards? (Y/N)	Materials Collected	
PTU1									
Total								0	

Zero part-time urban drop-off sites in the 2019 Reference Year.

Table B-2c Inventory of Full-Time, Rural Drop-off Sites Available in the Reference Year

ID#	Name of Drop-off Site	Service Provider	County	How Service is Provided	Days and Hours Available to the Public	Materials Collected ⁽¹⁾	Drop-off Meets All Minimum Standards? (Y/N)	Weight of Materials Collected from the SWMD (tons)	Service will Continue Throughout Planning Period (Y/N)
FTR1	Erie County Landfill	Republic Services	Erie	Contract between SWMD and private hauler.	24hrs/7 days a week	Cardboard, Paper, Metal/Aluminum, Plastic, Glass	Υ	337	Υ
FTR2	Groton Township	Republic Services	Erie	Contract between SWMD and private hauler.	24hrs/7 days a week	Cardboard, Paper, Metal/Aluminum, Plastic, Glass	Υ	409	Υ
FTR3	Margaretta Township	Republic Services	Erie	Contract between Township and private hauler.	24hrs/7 days a week	Cardboard, Paper, Metal/Aluminum, Plastic, Glass	Υ	697	Υ
FTR4	Berlin Township	Scrap Yard	Erie	Contract between private organization and private hauler.	24hrs/7 days a week	Metal/Aluminum	N		Y
FTR5	Florence Township	Royal Oak Recycling	Erie	Contract between private	24hrs/7 days a week	Paper	N		Y

		organization and private hauler.			
Total				1,443	

Five total full-time rural drop-off sites were operating in the 2019 Reference Year. Of the five, three met the minimal drop-off standards. 1,443 tons were collected in the reference year.

Table B-2d Inventory of Part-Time, Rural Drop-off Sites Available in the Reference Year

ID#	Name of Drop- off Site	Service Provider	County	How Service is Provided	Days and Hours Available to the Public	Materials Collected ⁽¹⁾	Drop-off Meets All Minimum Standards? (Y/N)	Materials Collected	Service will Continue Throughout Planning Period (Y/N)
PTR1									
Total								0	

Zero part-time rural drop-off sites in the 2019 Reference Year.

3. Mixed Solid Waste Material Recovery Facilities

Table B-3 Mixed Solid Waste Material Recovery Facility

Name of Material Recovery Facility	Location (County, City)	Communiti es Served	Types of Materials Recovered ⁽¹⁾	Weight of Materia Is Recove red (tons)	Waste Proces sed (tons)	Bypas s Waste (tons)	Total Waste (tons)	Recover y Rate in Referenc e Year (percent)
								0%
Total				0	0	0	0	0%

Sample Calculation:

Recovery Rate = Weight of Materials Recovered ÷ Total Waste x 100

Zero mixed solid waste material recover facilities were operating in the District during the 2019 Reference Year.

B. Curbside Recycling and Trash Collection Service Providers

Table B-4 Inventory of Curbside Recycling and Trash Collection Service Providers in the Reference Year

	Counties Served	Trash	Collection S	Services	Curbside Recycling Services			
Name of Provider		PAYT (Y/N)	Residen tial	Commer cial	Industri al	Residenti al 2	Commerci al 2	Industrial 2
Republic Services	Erie	Υ	Х	Х	Х	Χ	X	Χ
Cyclone	Erie	Υ	Х	X				
Rumpke	Erie			Х			X	
U.S. Rubbish	Erie		Х					
Waste Management	Erie				Х			
Lake Disposal	Erie		Х	X				
Ruffin	Erie		Χ					

Seven major haulers provide services within the District. One hauler provides recycling services to the residential sector.

C. Composting Facilities

Table B-5 Inventory of Composting Facilities Used in the Reference Year

Facility Name	Compost Facility Classification	Publicly Accessible (Y/N)	Location	Food Waste (tons)	Yard Waste (tons)	Total
Barnes Nursery and Compost	Division Class II and IV	Υ	3511 West Cleveland Road Huron, OH	85	5,926	6,011
Sparky Weilnau Farms	Class IV	N	12917 Milan Rd. Milan, OH		300	300
Corso's Perennials	Class IV	N	4001 Bardshar Rd. Castalia, OH		761	761
Ninke Lawn Service	Class IV	N	1832 Milan Rd. Sandusky, OH		330	330
Sand Road Ent, Inc.			4352 Sand Rd, Norwalk, OH 44857		79	79
Total				85	7,395	7,481

Five composting facilities were operating in the 2019 Reference Year, a total of 7,402 tons were collected.

D. Other Food Waste and Yard Waste Management Programs

Table B-6 Inventory of Other Food and Yard Waste Management Activities in the Reference Year

Facility or Activity Name	Activity Type	Location	Food Waste (tons)	Yard Waste (tons)

Zero "Other" was reported for the 2019 Reference Year.

D. Material Handling Facilities Used by the SWMD in the Reference Year

Table B-7 Inventory of Material Handling Facilities Used in the Reference Year

Facility Name	County	State	Type of Facility	Weight of Material Accepted from SWMD (tons)
Total				0

Zero material handling facilities were reported in the 2019 Reference Year.

APPENDIX C POPULATION DATA

A. Reference Year Population

Table C-1a Reference Year Population Adjustments

	Erie County
Before Adjustment	
Additions	
Sandusky City	24,564
Huron City	6,869
Village of Berlin Heights	713
Village of Kelley's Island	311
Village of Castalia	815
Village of Bay View	602
Village of Milan	984
Florence Township	2,364
Vermilion Township	4,763
Huron Township	3,609
Berlin Township	2,933
Groton Township	1,367
Perkins Township	11,678
Oxford Township	1,182
Milan Township	2,535
Margaretta Township	4,389
Vermilion City	4,586
Bellevue City	2
Subtractions	
Vermilion City	4,586
Bellevue City	2
After Adjustment	69,678

Source(s) of Information: https://www.census.gov/

Sample Calculations: N/A

Assumptions: N/A

City of Vermilion and Bellevue City are located in Erie County, but are not in the Erie County Solid Waste District, those populations were subtracted out to make the total population 69,678.

Table C-1b Total Reference Year Population

Unadjusted Population	Adjusted Population
74,266	69,678

Source(s) of Information: https://www.census.gov/

Sample Calculations: N/A

Assumptions: N/A

City of Vermilion and Bellevue City are located in Erie County, but are not in the Erie County Solid Waste District, those populations were subtracted out to make the total population 69,678.

B. <u>Population Projections</u>

Table C-2 Population Projections

Table C-2	Population Projections			
Year	Annual Change persons/year	Erie County		
2015		70,482		
2016	-434	70,048		
2017	-434	69,614		
2018	-434	69,180		
2019	-434	68,746		
2020		68,312		
2021	-510	67,802		
2022	-510	67,292		
2023	-510	66,782		
2024	-510	66,272		
2025		65,762		
2026	-522	65,240		
2027	-522	64,718		
2028	-522	64,196		
2029	-522	63,674		
2030		63,152		
2031	-566	62,586		
2032	-566	62,020		
2033	-566	61,454		
2034	-566	60,888		
2035		60,322		
2036	-522	64,388		
2037	-522	63,866		
2038	-522	63,344		
2039	-522	62,822		
2040		57,712		
2041	2393	2,393		
2042	2393	4,786		
2043	2393	7,180		
2044	2393	9,573		
2045		69,678		

Source(s) of Information: https://www.census.gov/

Sample Calculations: Default method

Assumptions: N/A

Population predictions based on census data from 2019- 2037, using the OEPA default method for population prediction.

http://www.development.ohio.gov/reports/reports_pop_proj_map.htm

Community Additions	74,266
Community Subtractions	4,588

Appendix D Disposal Data

APPENDIX D DISPOSAL DATA

A. Reference Year Waste Disposed

Table D-1a Waste Disposed in Reference Year – Publicly-Available Landfills (Direct Haul)¹

	Location		Waste Accepted from the SWMD			
Facility Name	County	State	Residenti al/ Commerc ial (tons)	Industri al (tons)	Exclud ed (tons)	Total (tons)
Republic Services	Ottwa	OH	51	1,951		2,001
Republic Services	Lorain	ОН				0
Waste Management - Evergreen	Wood	ОН	120	9		129
Waste Management - American	Stark	ОН		23		23
Sunny Farms	Seneca	OH				0
Cherokee Run Landfill	Logan	OH				0
Liberty Tire Recycling LLC	Stark	OH				0
Rumpke Harvard Road Transfer	Cuyahoga	ОН	3			3
Wood County Landfill	Wood	OH	0			0
Erie County Landfill	Erie	OH	57,950	11,042	15,762	84,754
Total			58,124	13,025	15,762	86,910

¹ The facilities listed in Table D-1a and identified as able to accept waste from the SWMD (in Appendix M) will constitute those identified for purposes of Ohio Revised Code Section 3734.53(13)(a).

Source(s) of Information: 2019 Generation Fee Reports and 2019 Annual District Reports.

Sample Calculations: N/A

Assumptions: N/A

Erie County Solid Waste District has flow control in place, all acceptable solid waste generated within the District is required to be brought to the Erie County Landfill for disposal. All other listed facilities took waste that the Erie County Landfill does not accept, or have an approved exemption from the Board of Solid Waste.

Table D-1b Waste Disposed in Reference Year – Captive Landfills¹

	Location		Waste Accepted from the District			
Facility Name	County	State	Industrial (tons)	Exclude Tota d (tons)		
					0	
					0	
Total			0	0	0	

¹ The facilities listed in Table D-1b and identified as able to accept waste from the SWMD (in Appendix M) will constitute those identified for purposes of Ohio Revised Code Section 3734.53(13)(a).

Source(s) of Information: N/A

Sample Calculations: N/A

Assumptions: N/A

Zero captive landfills.

Table D-1c Total Waste Disposed in Landfills (Direct Haul)

Residential/ Commercial (tons)	Industrial (tons)	Excluded (tons)	Total
59,887	11,146	15,762	86,795

Table D-2: Waste Transferred in Reference Year¹

Table D-2. Waste Transferred in Nerelle real								
	Location	Location		Waste Received from the SWMD				
Facility Name	County	State	Residenti al/ Commerci al (tons)	Industrial (tons)	Excluded (tons)	Total (tons)		
Kelly's Island Transfer Station	Erie	Ohio	75			75		
						0		
Total			75	0	0	75		

¹ The facilities listed in Table D-2 constitute those identified for purposes of Ohio Revised Code Section 3734.53(13)(a).

There is not transfer facility that takes waste out of the county. Kelley's Island does have a transfer facility on the island to collect waste and transfer it to the Erie County Landfill. Kelley's Island is an island located in Lake Erie, this island is only accessible by boat, or plane. There are no bridges to this island, which is why a transfer facility is a necessity. In 2019 75.11 tons were collected by the Kelley's Island Transfer Facility and transferred to the Erie County Landfill.

Source(s) of Information: N/A

Sample Calculations: N/A

Assumptions: N/A

Zero waste transferred

Table D-3: Waste Incinerated/Burned for Energy Recovery in Reference Year¹

		Location		Waste Accepted from the SWMD									
Facility Name	Facility Type	County State		Residential/ Commercial (tons)	Industrial (tons)	Excluded (tons)	Total (tons)						
							0						
							0						
Total				0	0	0	0						

¹ The facilities listed in Table D-3 constitute those identified for purposes of Ohio Revised Code Section 3734.53(13)(a).

Source(s) of Information: N/A

Sample Calculations: N/A

Assumptions: N/A

Zero waste incinerated/burned

Table D-4: Total Waste Disposed in Reference Year

	Residential/ Commercial (tons)	Industrial (tons)	Excluded (tons)	Total (tons)
Direct Hauled	58,124	13,025	15,762	86,910
Transferred	75	0	0	75
Incinerated	0	0	0	0
Total	58,199	13,025	15,762	86,985

Percent of Total	67%	15%	18%	100%
	01 /0	10/0	1070	10070

Source(s) of Information: 2019 Generation Fee Reports and 2019 Annual District Reports.

Sample Calculations: N/A

Assumptions: N/A

Direct hauled data for 2019 Reference Year.

Supplement to Table D-4 (Incinerated and Excluded Wastes as Percentages of Total Waste Disposed)

	Residential/ Commercial (tons)	Industrial (tons)	Excluded (tons)	Total (tons)
Direct Hauled	58,124	13,025	15,762	86,910
Transferred	75	0	0	75
Incinerated	0	0	0	0
Total	58,199	13,025	15,762	86,985
Percent of Total	67%	15%	18%	100%

Source(s) of Information: 2019 Generation Fee Reports and 2019 Annual District Reports.

Sample Calculations: N/A

Assumptions: N/A

Direct hauled data for 2019 Reference Year.

B. Historical Waste Analysis

Table D-5: Historical Disposal Data

		Residential/ Solid Waste	Commercial	Industrial Solid Waste	Excluded Waste	Total Waste
			Weight	Weight	Weight	Weight
Year	Population	Rate (ppd)	(tons)	(tons) ²	(tons) ³	(tons) ⁴
2015	73,569	6.07	81,550	12,646	17,520	111,716
2016	75,107	6.42	88,032	12,883	14,773	115,688
2017	70,195	5.22	66,889	12,203	53,712	132,804

2018	74,615	6.01	81,819	12,665	45,400	139,884
2019	69,678	4.58	58,214	13,016	38,302	109,532

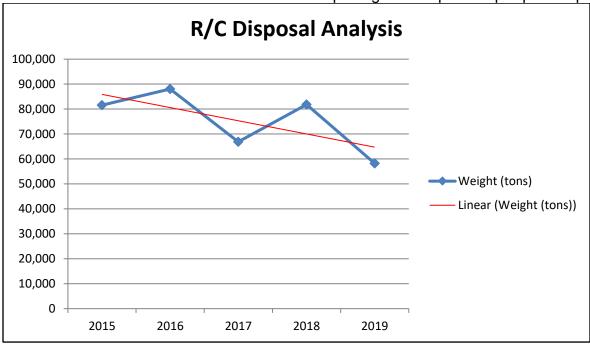
Source(s) of Information: https://www.census.gov/ and 2019 Annual District Reports

Sample Calculations: OEPA Formula- Residential/Commercial Weight * 2,000/ 365/ Population

Assumptions: N/A

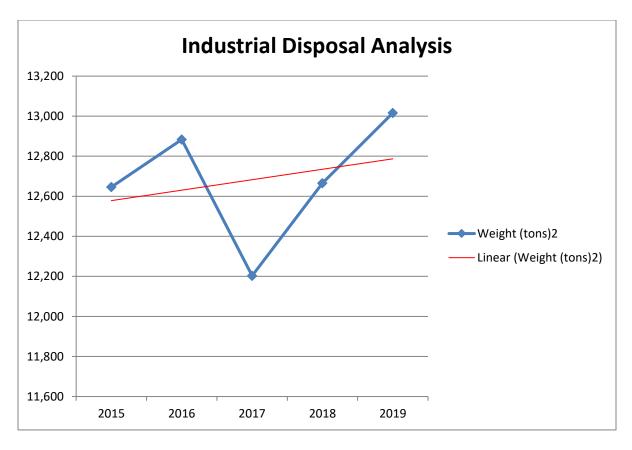
1. Residential/Commercial Waste

In the Reference Year 2019 residents were disposing of 4.58 pounds per person per day.



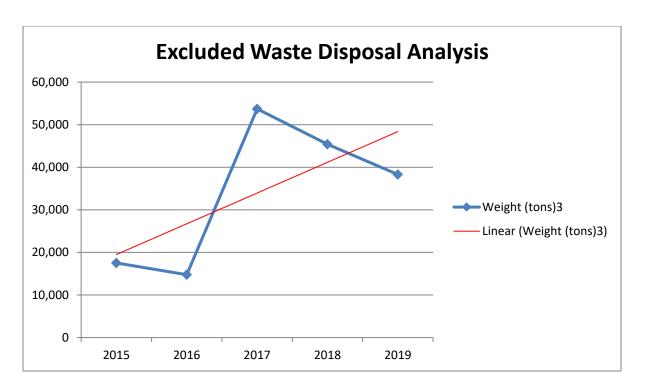
2. Industrial Waste

In the Reference Year 2019 industrial waste stayed consistent with previous years at 13,016 tons.



3. Excluded Waste

In the Reference Year 2019 the Erie County Landfill was continuing to use exempt waste from local projects as alternative daily cover. As projects come and go throughout the years this tonnage will fluctuate.



C. Disposal Projections

Note: table on next page

Table D-6 Projections for Waste to be Disposed and Transferred

Year	Residential/ Commercial Solid Waste	Industrial Solid Waste	Excluded Waste	Total Waste
	Weight	Weight	Weight	Weight
	(tons)	(tons)	(tons)	(tons)
2019	59,887	11,146	15,762	86,795
2020	58,668	9,955	28,019	96,643
2021	70,195	11,319	20,000	101,514
2022	70,195	11,407	33,000	114,602
2023	70,195	11,495	28,000	109,690
2024	70,195	11,584	23,000	104,779
2025	67,575	11,674	18,000	97,249
2026	67,575	11,765	13,000	92,340
2027	67,575	11,856	8,000	87,431
2028	67,575	11,948	3,000	82,523
2029	67,575	12,040	100	79,715
2030	64,893	12,134	100	77,127
2031	64,893	12,228	100	77,221
2032	64,893	12,323	100	77,316
2033	64,893	12,418	100	77,411
2034	64,893	12,514	100	77,507
2035	61,985	12,611	100	74,696
2036	66,163	12,709	100	78,972
2037	65,626	12,808	100	78,534

Appendix D Disposal Data

Source(s) of Information: 2019 Annual Waste Summary

Sample Calculations: N/A

Assumptions:

Throughout the past years before the 2019 Reference Year both residential/commercial and industrial has not fluctuated a significant amount. Going forward the District has used the OEPA formula for predicting residential/commercial tonnage and industrial tonnage. The District used its own projections for the exempt waste. In the reference year 2019 the Erie County Landfill was continuing to use exempt waste from local projects as alternative daily cover. As projects come and go throughout the years this tonnage will fluctuate.

Table D-7 Waste Imports

Year																							
Facility Name	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	203 7
						26,98 5	26,9 85																
Total Importe 53,758 60,47 62,41 29,90 24,29 26,75 26,98 26,98 26,98 26,98 d							26,98 5	26,9 85															
	Given the huge discrepancies in waste imported prior to 2017 and from 2018 onward, waste imports were projected at the average of imports from 2018 to 2020.								mports														

Source(s) of Information:

Sample Calculations:

Assumptions:

Data was provided by OEPA.

APPENDIX E RESIDENTIAL/COMMERCIAL REDUCTION AND RECYCLING DATA

A. Reference Year Recovery Data

Note: table on next page

Table E-1 Commercial Survey Results

NAICS	Appliances/ "White Goods"	Electronics	Lead- Acid Batteries	Food	Glass	Ferrous Metals	Non- Ferrous Metals	Corrugated Cardboard	All Other Paper	Plastics	Textiles	Wood	Rubber	Commingled Recyclables (Mixed)	Yard Waste	
42																
44							25	373	3					10		
45																
48																
49																
51																
52																
53								5								
54									8							
55																
56																
61								14						31		
62																
71								3		1						
72								6								
81																
92																
Other: 11								1								
Other: 23							6									
Other:																
Other:																
Other:																
Unadjusted Total	0	0	0	0	0	0	31	401	11	1	0	0	0	41	0	486
Adjustments																0
Adjusted Total	0	0	0	0	0	0	31	401	11	1	0	0	0	41	0	486

Source(s) of Information: 2019 Annual District Survey Results.

Sample Calculations: N/A

Assumptions: N/A

Other 11- Agriculture, Forestry, Fishing and Hunting

Other 23- Construction

This data was requested by the District to commercial businesses within the District. The data reflected in the chart is the data of the commercial businesses that participated in the 2019 Annual Survey.

Table E-2 Data from Other Recycling Facilities

Program and/or Source of Materials/Data	Appliances/ "White Goods"	Electronics	Lead-Acid Batteries	Food	Glass	Ferrous Metals	Non- Ferrous Metals	Corrugated Cardboard	All Other Paper	Plastics	Textiles	Wood	Rubber	Commingled Recyclables (Mixed)	Ya Wa
Buybacks															
Ones Vende															
Scrap Yards	260		1 00				240	2 600							Т
Sandusky Steel Galloway Brothers	200		80				240	3,600							
Brokers	-	-	-	-	-	_	-		-	-		-	-		
	L											<u> </u>			
Processors/MRF's	T		T	1	T					1		T	1		
															-
Unadjusted Totals	260	0	80	0	0	0	240	3,600	0	0	0	0	0	0	
Adjustments															
Adjusted Totals	260	0	80	0	0	0	240	3,600	0	0	0	0	0	0	

Source(s) of Information: 2019 Annual Survey

Sample Calculations: N/A

Assumptions:

This data was requested by the District to recycling facilities within the District. The data reflected in the chart is the data of the recycling facilities that participated in the 2019 Annual Survey.

Table E-3 Data Reported to Ohio EPA by Commercial Businesses

Ohio EPA Data Source	Glass	Plastic	Newspaper	Cardboard	Mixed Paper	Nonferrous	Ferrous	Wood	Food: Compost	Food: Other	Commingled	Other	Other	Other	Other	
Walmart Recycling in Ohio		14		506	1	0						48				
Home Depot Corporation		0		24				117				13				
Dollar General Corporation				249	2											
Aldi Inc. Hinckley Division		1		132					12							
Kohls Corporate Office & Headquarters		10		91							0	0				
Sam's Club		8		337	1	0		71				17				
United States Postal Service		2		7	127											
Unadjusted Total	0	36	0	1,347	131	0	0	188	12	0	0	79	0	0	0	1,793
Adjustments																0
Adjusted Total	0	36	0	1,347	131	0	0	188	12	0	0	79	0	0	0	1,793

Source(s) of Information: Ohio EPA Reports

Sample Calculations:

Assumptions: This table shows the data that was reported to the OEPA in 2019.

Table: E-4 Other Recycling Programs/Other Sources of Data

Other Programs or Sources of Data	Appliance s/ "White Goods"	HH W	Use d Moto r Oil	Electroni cs	Scra p Tires	Dry Cell Batteri es	Lead- Acid Batteri es	Foo d	Glas s	Ferrou s Metals	Non- Ferrou s Metals	Corrugat ed Cardboar d	All Othe r Pape r	Plastic s	Textile s	Woo d	Rubb er	Commingl ed Recyclabl es (Mixed)	Yard Wast e	Othe r	Othe r	Othe r	Othe r	Othe r	Unadjust ed Total	Adjustments	Adjuste d Total
Curbside Recycling Services																		318							318		318
Drop-off Recycling Locations																		1,755							1,755		1,755
Compostin g Facilities								85											7,376						7,461		7,461
Other Food and Yard Waste Manageme nt Activities								415																	415		415
Ohio EPA Scrap Tire Data					942																				942		942
Household Hazardous Waste Collection		10				3	3																		16		16
Community Clean Up Collections													1						26						27		27
																									0		0
																									0		0

																									0		0
																									0		0
																									0		0
																									0		0
																									0		0
																									0		0
																									0		0
																									0		0
																									0		0
																									0		0
																									0		0
																									0		0
																									0		0
																									0		0
Unadjuste d Total	0	10	0	0	942	3	3	500	0	0	0	0	1	0	0	0	0	2,073	7,402	0	0	0	0	0	10,934	0	10,934
Adjustmen ts																									0		7
Adjusted Total	0	10	0	0	942	3	3	500	0	0	0	0	1	0	0	0	0	2,073	7,402	0	0	0	0	0	10,934		These totals should match

Source(s) of Information: 2019 Annual District Report.

Sample Calculations: N/A

Assumptions:

Totals of recycling tonnage in the 2019 Reference Year based on 2019 Annual District Report.

Table E-5 Residential/Commercial Material Recovered in Reference Year

Material	Quantity (tons)
Appliances/ "White Goods"	260
Household Hazardous Waste	10
Used Motor Oil	0
Electronics	0
Scrap Tires	942
Dry Cell Batteries	3
Lead-Acid Batteries	83
Food	579
Glass	0
Ferrous Metals	0
Non-Ferrous Metals	283
Corrugated Cardboard	5,348
All Other Paper	200
Plastics	37
Textiles	0
Wood	0
Rubber	0
Commingled Recyclables (Mixed)	2,114
Yard Waste	7,402
Other (Aggregated)	0
Total	17,261

Source(s) of Information: Combination of 2019 commercial survey results, data from scrap yards, OEPA data, and other programs.

Sample Calculations: N/A

Assumptions:

Residential/commercial recycling tonnage for 2019 Reference year 42,261.

 Table E-6
 Quantities Recovered by Program/Source

Program/Source of R/C Recycling Data	Quantities (Tons)
Commercial Survey	486
Data from Other Recycling Facilities	0
Ohio EPA Commercial Retail Data	1,793
Curbside Recycling Services	318
Drop-off Recycling Locations	1,755
Composting Facilities	7,461
Other Food and Yard Waste Management Activities	415
Ohio EPA Scrap Tire Data	942
Household Hazardous Waste Collection	16
Community Clean Up Collections	27
Total	13,212

Source(s) of Information: 2019 Annual District Report

Sample Calculations: N/A

Assumptions: N/A

B. Historical Recovery

Table E-7 Historical Residential/Commercial Recovery by Program/Source

Table L-7		1	Timer ciai rec				I	T	
Year	Commercial	Data from	Ohio EPA	Curbside	Drop-off	Composting	Other Food	Ohio EPA	Household
	Survey	Other	Commercial	Recycling	Recycling	Facilities	and Yard	Scrap Tire	Hazardous
		Recycling	Retail Data	Services	Locations		Waste	Data	Waste
		Facilities					Management		Collection
							Activities		
2015	18,129			1,335	1,190			44	4
2016	9,926								
2017	24,920			1,476	372	11,619		17	5
2018	24,478			3	515			55	10
2019	486	0	1,793	318	1,755	7,461	415	942	16

Source(s) of Information: 2015-2019 Annual District Reports

Sample Calculations: N/A

Assumptions:

For the 2019 Reference Year the District saw a low participation in the 2019 Annual District Survey. The District believes this was due to the COVID-19 Pandemic. The COVID-19 Pandemic caused a shut down to the majority of commercial businesses during the time when the survey was due back to the District.

C. **Residential/Commercial Recovery Projections**

Table: E-8 Residential/Commercial Recovery Projections by Program/Source

Year	Commercial Survey	Data from Other Recycling Facilities	Ohio EPA Commercial Retail Data	Curbside Recycling Services	Drop-off Recycling Locations	Composting Facilities	Other Food and Yard Waste Management Activities	Ohio EPA Scrap Tire Data	Household Hazardous Waste Collection	Community Clean Up Collections	Totals
2019	486	0	1,793	318	1,755	7,461	415	942	16	27	13,213
2020	495		1,829	318	1,790	7,610	423	961	16	30	13,472
2021	505		1,865	318	1,826	7,762	432	980	16	33	13,737
2022	516		1,903	318	1,862	7,918	440	999	16	36	14,008
2023	526		1,941	318	1,900	8,076	449	1,019	16	40	14,285
2024	536		1,979	318	1,938	8,238	458	1,040	16	44	14,567
2025	547		2,019	318	1,976	8,402	467	1,061	17	48	14,855
2026	558		2,059	318	2,016	8,570	476	1,082	17	53	15,150
2027	569		2,101	318	2,056	8,742	486	1,104	17	58	15,451
2028	581		2,143	318	2,097	8,917	496	1,126	17	64	15,758
2029	592		2,185	318	2,139	9,095	506	1,148	17	71	16,071
2030	604		2,229	318	2,182	9,277	516	1,171	17	78	16,392
2031	616		2,274	318	2,226	9,462	526	1,194	18	86	16,720
2032	628		2,319	318	2,270	9,652	537	1,218	18	94	17,054
2033	641		2,366	318	2,316	9,845	547	1,243	18	103	17,396
2034	654		2,413	318	2,362	10,042	558	1,268	18	114	17,746
2035	667		2,461	318	2,409	10,242	569	1,293	18	125	18,103
2036	680		2,510	318	2,457	10,447	581	1,319	18	138	18,469
2037	694		2,561	318	2,507	10,656	592	1,345	19	152	18,843

Source(s) of Information: 2019 Annual District Report

Sample Calculations:

Commercial, Drop-off, Food/Yard waste, Composting, - 2% increase throughout the planning period. Household Hazardous Waste- 1% increase throughout the planning period.

Community Clean up Grant- 10% increase throughout the planning period.

Assumptions:

Major increase in community clean up grant recycling due to increased funds throughout the planning period.

APPENDIX F INDUSTRIAL WASTE REDUCTION AND **RECYCLING DATA**

A. Reference Year Recovery Data Note: table on next page

Table F-1 Industrial Survey Results

NAICS	Food	Glass	Ferrous Metals	Non- Ferrous Metals	Corrugated Cardboard	All Other Paper	Plastics	Textiles	Wood	Rubber	Commingled Recyclables (Mixed)	Ash	Non- Excluded Foundry Sand	Flue Gas Disulfurization	Electronics:	Wood:	Batterie s	Liquid Vinyl	Tires	Other:	
22																					
31				10					2												
32			12	0			0								0						
33																					
91				10	50																
99			7	2					0												
25															0		1				
46			12		4																
71			13		18																
51			167																		
30			21	7		1					23				1		0				
23			310	41	183	6	11		13										0		
15			16	2		2	0										0	34			
21			425		3	2													22		
25					10				50				620								
51					1	56															
Unadjusted Total	0	0	982	71	270	67	11	0	66	0	23	0	620	0	1	0	1	34	22	0	2,169
Adjustments																					0
Adjusted Total	0	0	982	71	270	67	11	0	66	0	23	0	620	0	1	0	1	34	22	0	2,169

Source(s) of Information: 2019 Annual District Survey Results.

Sample Calculations: N/A

Assumptions: N/A

This data was requested by the District to industrial businesses within the District. The data reflected in the chart is the data of the industrial businesses that participated in the 2019 Annual Survey.

Table F-2 Data from Other Recycling Facilities

Program and/or Source of Materials/Data	Food	Glass	Ferrous Metals	Non- Ferrous Metals	Corrugated Cardboard	All Other Paper	Plastics	Textiles	Wood	Rubber	Commingled Recyclables (Mixed)	Ash	Non- Excluded Foundry Sand	Flue-Gas Desulfurization Waste	Other:
Buybacks		-					-		<u> </u>			L	-		-
Scrap Yards															
Sandusky Steel			25,000												
Galloway Brothers															
Brokers															
Processors/MRF's															
Unadjusted Totals	0	0	25,000	0	0	0	0	0	0	0	0	0	0	0	0
Adjustments															
Adjusted Totals	0	0	25,000	0	0	0	0	0	0	0	0	0	0	0	0

Source(s) of Information: 2019 Annual Survey

Sample Calculations: N/A

Assumptions:

This data was requested by the District to recycling facilities within the District. The data reflected in the chart is the data of the recycling facilities that participated in the 2019 Annual Survey.

Table: F-3 Other Recycling Programs/Other Sources of Data

Other Recycling Programs or Other Sources of Data	Food	Glas s	Ferrou s Metals	Non- Ferrou s Metals	Corrugat ed Cardboar d	All Other Pape r	Plastic s	Textile s	Woo d
Rumpke Waste Recycling- Columbus		15	22	297	6,718	1,512	25		20
Waste Management Recycling- Columbus					19,384				
Unadjusted Total	0	15	22	297	26,102	1,512	25	0	20
Adjustments									
Adjusted Total	0	15	22	297	26,102	1,512	25	0	20

Unadjusted Total	Adjustments	Adjusted Total
8,609		8,609
19,384		19,384
27,993	0	27,993
0 27,993		These totals should match

Source(s) of Information: OEPA Sent data.

Sample Calculations: N/A

Assumptions: N/A

Table F-4 Industrial Material Recovered in Reference Year

Material	Quantity (tons)
Food	260
Glass	982
Ferrous Metals	151
Non-Ferrous Metals	270
Corrugated Cardboard	67

All Other Paper	25,011
Plastics	240
Textiles	3,666
Wood	0
Rubber	23
Commingled Recyclables	0
(Mixed)	
Ash	620
Non-Excluded Foundry Sand	0
Flue Gas Disulfurization	1
Other (Aggregated)	58
Total	31,349

Source(s) of Information: Combination of 2019 commercial survey results, data from scrap yards, OEPA data, and other programs.

Sample Calculations: N/A

Assumptions:

Industrial recycling tonnage for 2019 Reference year 31,349

Table F-5 Quantities Recovered by Program/Source

Program/Source of Industrial Recycling Data	Quantity (Tons)
Industrial survey	2,169
Data from other recycling facilities	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0

Appendix F Industrial Waste Reduction and Recycling Data

Total	2,169
0	0
0	0
0	0
0	0

B. Historical Recovery

Table F-6 Historical Industrial Recovery by Program/Source

Year	Industrial survey	Data from other recycling facilities	Totals
2015	10,006		10,006
2016	1,278		1,278
2017	43,493		43,493
2018	15,819		15,819
2019	2,169	0	2,169

Source(s) of Information: 2015-2019 Annual District Reports

Sample Calculations: N/A

Assumptions:

For the 2019 Reference Year the District saw a low participation in the 2019 Annual District Survey. The District believes this was due to the COVID-19 pandemic. The COVID-19 pandemic caused a shut down to a lot of industrial businesses during the time when the survey was due back to the District. The District believes that out of the industrial businesses that were operating during the pandemic that they were short staffed and other tasks took priority over the survey.

C. Industrial Recovery Projection	C.	Industrial Recovery	Projections
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Note: table on next page

Appendix F Industrial Waste Reduction and Recycling Data

Table: F-7 Industrial Recovery Projections by Program/Source

Year	Industrial survey	Data from other recycling facilities	Totals
2019	2,169	0	2,169
2020	2,212		2,212
2021	2,256		2,256
2022	2,302		2,302
2023	2,348		2,348
2024	2,395		2,395
2025	2,442		2,442
2026	2,491		2,491
2027	2,541		2,541
2028	2,592		2,592
2029	2,644		2,644
2030	2,697		2,697
2031	2,751		2,751
2032	2,806		2,806
2033	2,862		2,862
2034	2,919		2,919
2035	2,977		2,977
2036	3,037		3,037
2037	3,098		3,098

Source(s) of Information: 2019 Annual District Report

Sample Calculations: 2% increase throughout the planning period.

Consistent increase of 2% with more industrial businesses moving to "green models".

APPENDIX G WASTE GENERATION

A. Historical Year Waste Generated

Table G-1 Reference Year and Historical Waste Generated

Year	Popul ation	Reside	ential/ (Commer	cial	Indust	rial	Excl uded (tons	Tota I (ton	
		Disp osed (tons)	Recy cled (tons)	Gene rated (tons)	Per Capit a Gene rated (ppd)	Disp osed (tons)	Recy cled (tons)	Gene rated (tons))	s)
2015	73,56 9	81,55 0	20,7 02	102,2 52	7.62	12,64 6	10,0 06	22,65 2	17,5 20	142, 424
2016	75,10 7	88,03 2	9,92 6	97,95 8	7.15	12,88 3	1,27 8	14,16 1	14,7 73	126, 892
2017	70,19 5	66,88 9	38,4 09	105,2 98	8.22	12,20 3	43,4 93	55,69 6	53,7 12	214, 706
2018	74,61 5	81,81 9	25,0 61	106,8 80	7.85	12,66 5	15,8 19	28,48 4	45,4 00	180, 764
2019	69,67 8	58,19 9	17,2 61	75,45 9	5.93	13,02 5	55,1 62	68,18 6	15,7 62	159, 408

A	Annual % Change (tons)													
Residential/ Commercial	Industrial	Excluded												
-														
-4%	-37%	-16%												
7%	293%	264%												
2%	-49%	-15%												
-29%	139%	-65%												

Source(s) of Information: Ohio EPA

Sample Calculations:

Per capita generation rate = ((tons generated x 2000) \div 365) \div population) Annual percentage change = ((New year – old year) \div old year) x 100

Assumptions: N/A

1. Residential/Commercial Waste

In the 2019 reference year the District saw a d in recycling tonnage and a decrease in disposed tonnage.

2. Industrial Waste

In the 2019 reference year the District saw a large increase in recycling tonnage and a slight increase in disposed tonnage.

Excluded Waste

In the reference year 2019 the Erie County Landfill was continuing to use exempt waste from local projects as alternative daily cover. As projects come and go throughout the years this tonnage will fluctuate.

B. Generation Projections

Table G-2 Generation Projections

Year	Popula tion	Reside	ential/ C	ommerci	al	Indust		Exclu ded Waste	
		Dispo sal (tons)	Recy cle (tons	Genera tion (tons)	Per Capita Genera tion (ppd)	Dispo sal (tons)	Recy cle (tons	Genera tion (tons)	(tons)
2019	68,746	58,12 4	19,4 87	77,611	6.19	13,02 5	30,1 62	43,186	15,762
2020	68,312	58,66 8	13,4 72	72,140		9,955	2,21 2	12,167	28,019
2021	70,333	70,19 5	13,7 37	83,932		11,31 9	2,25 6	13,575	20,000
2022	72,355	70,19 5	14,0 08	84,203		11,40 7	2,30 2	13,709	33,000
2023	74,378	70,19 5	14,2 85	84,480		11,49 5	2,34 8	13,843	28,000

2024	76,402	70,19 5	14,5 67	84,762	11,58 4	2,39 5	13,979	23,000
2025	65,762	67,57 5	14,8 55	82,430	11,67 4	2,44	14,116	18,000
2026	67,788	67,57 5	15,1 50	82,725	11,76 5	2,49 1	14,256	13,000
2027	69,815	67,57 5	15,4 51	83,026	11,85 6	2,54 1	14,397	8,000
2028	71,843	67,57 5	15,7 58	83,333	11,94 8	2,59 2	14,540	3,000
2029	73,872	67,57 5	16,0 71	83,646	12,04 0	2,64 4	14,684	100
2030	63,152	64,89 3	16,3 92	81,285	12,13 4	2,69 7	14,831	100
2031	65,183	64,89 3	16,7 20	81,613	12,22 8	2,75 1	14,979	100
2032	67,215	64,89 3	17,0 54	81,947	12,32 3	2,80 6	15,129	100
2033	69,248	64,89 3	17,3 96	82,289	12,41 8	2,86 2	15,280	100
2034	71,282	64,89 3	17,7 46	82,639	12,51 4	2,91 9	15,433	100
2035	60,322	61,98 5	18,1 03	80,088	12,61 1	2,97 7	15,588	100
2036	64,388	66,16 3	18,4 69	84,632	12,70 9	3,03 7	15,746	100
2037	63,866	65,62 6	18,8 43	84,469	12,80 8	3,09 8	15,906	100

Source(s) of Information: 2019 Annual District Report

Sample Calculations: Per capita generation rate = ((tons generated x 2000) \div 365) \div population)

Assumptions:

Throughout the past years before the 2019 reference year both residential/commercial and industrial has not fluctuated a significant amount. Going forward the District has used the OEPA formula for predicting residential/commercial tonnage and industrial tonnage. The District used its own projections for the exempt waste. In the reference year 2019 the Erie County Landfill was continuing to use exempt waste from local projects as alternative daily cover. As projects come and go throughout the years this tonnage will fluctuate.

C. Waste Composition

Table G-3 Composition of Residential/Commercial Waste

		Year																		
Material	Perce nt of Total Gener ation ¹	2019	202 0	202	202	202 3	202 4	202 5	202 6	7	202 8	202 9	203	203	203 2	203	203 4	203	203	203 7
Paper and Paperboar d	23.10	13443 .9234 9	135 52.4	162 15.0 5	162 15.0 5	162 15.0 5	162 15.0 5	156 09.8 3	156 09.8 3	156 09.8 3	156 09.8 3	156 09.8 3	149 90.2 8	149 90.2 8	149 90.2 8	149 90.2 8	149 90.2 8	143 18.5 4	152 83.6 5	151 59.6 1
Glass	4.20%	2444. 34972 6	246 4.07 2	294 8.19	294 8.19	294 8.19	294 8.19	283 8.15	283 8.15	283 8.15	283 8.15	283 8.15	272 5.50 6	272 5.50 6	272 5.50 6	272 5.50 6	272 5.50 6	260 3.37	277 8.84 6	275 6.29 2
Ferrous	6.60%	3841. 12099 8	387 2.11 4	463 2.87	463 2.87	463 2.87	463 2.87	445 9.95	445 9.95	445 9.95	445 9.95	445 9.95	428 2.93 8	428 2.93 8	428 2.93 8	428 2.93 8	428 2.93 8	409 1.01	436 6.75 8	433 1.31 6
Aluminum	1.30%	756.5 84439	762. 689 1	912. 535	912. 535	912. 535	912. 535	878. 475	878. 475	878. 475	878. 475	878. 475	843. 609	843. 609	843. 609	843. 609	843. 609	805. 805	860. 119	853. 138
Other Nonferrou s	0.90%	523.7 89227	528. 015 5	631. 755	631. 755	631. 755	631. 755	608. 175	608. 175	608. 175	608. 175	608. 175	584. 037	584. 037	584. 037	584. 037	584. 037	557. 865	595. 467	590. 634
Plastics	12.20 %	7100. 25396 6	715 7.54 4	856 3.79	856 3.79	856 3.79	856 3.79	824 4.15	824 4.15	824 4.15	824 4.15	824 4.15	791 6.94 6	791 6.94 6	791 6.94 6	791 6.94 6	791 6.94 6	756 2.17	807 1.88 6	800 6.37 2
Rubber and Leather	3.10%	1804. 16289 3	181 8.72	217 6.04 5	217 6.04 5	217 6.04 5	217 6.04 5	209 4.82 5	209 4.82 5	209 4.82 5	209 4.82 5	209 4.82 5	201 1.68 3	201 1.68 3	201 1.68 3	201 1.68 3	201 1.68 3	192 1.53 5	205 1.05 3	203 4.40 6
Textiles	5.80%	3375. 53057 4	340 2.76 7	407 1.31	407 1.31	407 1.31	407 1.31	391 9.35	391 9.35	391 9.35	391 9.35	391 9.35	376 3.79 4	376 3.79 4	376 3.79 4	376 3.79 4	376 3.79 4	359 5.13	383 7.45 4	380 6.30 8
Wood	6.20%	3608. 32578 6	363 7.44	435 2.09	435 2.09	435 2.09	435 2.09	418 9.65	418 9.65	418 9.65	418 9.65	418 9.65	402 3.36 6	402 3.36 6	402 3.36 6	402 3.36 6	402 3.36 6	384 3.07	410 2.10 6	406 8.81 2
Other	1.50%	872.9 82045	880. 025 9	105 2.92 5	105 2.92 5	105 2.92 5	105 2.92 5	101 3.62 5	101 3.62 5	101 3.62 5	101 3.62 5	101 3.62 5	973. 395	973. 395	973. 395	973. 395	973. 395	929. 775	992. 445	984. 39

Appendix G Waste Generation

Food	21.60 %	12570 .9414	126 72.3	151 62.1	151 62.1	151 62.1	151 62.1	145 96.2	145 96.2	145 96.2	145 96.2	145 96.2	140 16.8	140 16.8	140 16.8	140 16.8	140 16.8	133 88.7	142 91.2	141 75.2
		5	7	2	2	2	2						9	9	9	9	9	6	1	2
Yard	12.10	7042.	709	849	849	849	849	817	817	817	817	817	785	785	785	785	785	750	800	794
Trimmings	%	05516	8.87	3.59	3.59	3.59	3.59	6.57	6.57	6.57	6.57	6.57	2.05	2.05	2.05	2.05	2.05	0.18	5.72	0.74
		3	5	5	5	5	5	5	5	5	5	5	3	3	3	3	3	5	3	6
Misc	1.40%	814.7	821.	982.	982.	982.	982.	946.	946.	946.	946.	946.	908.	908.	908.	908.	908.	867.	926.	918.
inorganic		83242	357	73	73	73	73	05	05	05	05	05	502	502	502	502	502	79	282	764
wastes			5																	
R/C waste		58,19	58,6	70,1	70,1	70,1	70,1	67,5	67,5	67,5	67,5	67,5	64,8	64,8	64,8	64,8	64,8	61,9	66,1	65,6
generated		9	68	95	95	95	95	75	75	75	75	75	93	93	93	93	93	85	63	26

Source(s) of Information: From Advancing Sustainable Materials Management: 2018 Tables and Figures Assessing Trends in Materials Generation and Management in the United States December 2020

Sample Calculations: N/A

Assumptions: N/A

APPENDIX H STRATEGIC EVALUATION

1. Residential Recycling Infrastructure Analysis

Goal #1 Infrastructure — the SWMD shall ensure that there is adequate infrastructure to give residents and commercial businesses opportunities to recycle solid waste.

Drop-Off Programs:

There are currently seven existing locations in the SWMD drop-off program during the reference year. Five out of the seven existing locations meet the minimum standards.

Full-Time Urban Drop-Off Sites:

ID#	Name of Drop-off Site	Service Provider	County	How Service is Provided	Days and Hours Available to the Public	Materials Collected ⁽¹⁾	Drop-off Meets All Minimum Standards (Y/N)	Weight of Materials Collected from the SWMD (tons)	Service will Continue Throughout Planning Period (Y/N)
FTU2	Sandusky (Service Center)	Republic Services	Erie	Contract between political jurisdiction and private hauler.	24hrs/7 days a week	Cardboard, Paper, Metal/Aluminum, Plastic, Glass	Y	312	Y
FTU3	Sandusky Steel	Sandusky Steel	Erie	Private Collector	8.5 hrs. /5 days a week. 3.5 hours 1 day a week.	Cardboard, Paper, Metal/Aluminum	Υ	3,840	Y
Total								4,152	

Full-Time Rural Drop-Off Sites:

ID#	Name of Drop-off Site	Service Provider	County	How Service is Provided	Days and Hours Available to the Public	Materials Collected ⁽¹⁾	Drop-off Meets All Minimum Standards? (Y/N)	Weight of Materials Collected from the SWMD (tons)	Service will Continue Throughout Planning Period (Y/N)
FTR1	Erie County Landfill	Republic Services	Erie	Contract between SWMD and private hauler.	24hrs/7 days a week	Cardboard, Paper, Metal/Aluminum, Plastic, Glass	Υ	337	Y
FTR2	Groton Township	Republic Services	Erie	Contract between SWMD and private hauler.	24hrs/7 days a week	Cardboard, Paper, Metal/Aluminum, Plastic, Glass	Υ	409	Y
FTR3	Margaretta Township	Republic Services	Erie	Contract between Township	24hrs/7 days a week	Cardboard, Paper,	Υ	697	Υ

				and private hauler.		Metal/Aluminum, Plastic, Glass			
FTR4	Berlin Township	Republic Services	Erie	Contract between SWMD and private hauler.	24hrs/7 days a week	Metal/Aluminum	N		Υ
FTR3	Florence Township	Royal Oak Recycling	Erie	Contract between private organization and private hauler.	24hrs/7 days a week	Paper	N		Υ
Total								1,443	

Tonnage collected in reference year 2013 for the 2015 Solid Waste Plan was 528 tons. Tonnage collected in reference year 2019 for the 2020 Solid Waste Plan was 5,595 tons and this will be used for the first year of the planning period and a 2% increase will be added for the remainder of the planning period.

New Strategies for Drop-Off Recycling

The District will keep all existing drop-off locations that are operated under the district open for the 2020 Solid Waste Plan duration. The district will be looking into the possibility of adding two full-time urban drop-off locations to Perkins Township and one full-time rural drop-off location to Huron Township. The district will conduct surveys to see if the demand is high in these area. The district will met with local officials and property owners to see where the best location would be in both townships. The district will request bids to determine cost of adding new drop-off locations (both initial and long term cost). When the district has all of the above information the district will determine if adding new drop-off locations is feasible and necessary.

<u>Benchmark for Drop-Off Recycling Program</u>- the District will compare recovery and contamination rates for the District's drop-off sites with drop-offs in other SWMDs. If other services have lower contamination rates, then there may be opportunities to apply findings to drop-off recycling service to achieve similar results.

Curbside Recycling Programs:

Non-Subscription Curbside Recycling:

There are currently two municipalities within the district that are participating in non-subscription curbside recycling, the city of Huron and the village of Berlin Heights.

City of Huron curbside recycling program

The city of Huron is expected to continue its curbside recycling program throughout the planning period. Since Huron's non-subscription program is available to all residents,

amount of material collected is expected to change relative to population changes. According to the Ohio County Indicators Report from the Ohio Department of Development, Office of Statistical Research, Huron's population: 7,184 in 2010, 6,895 in 2018, and 6,869 in 2019 or -0.4% per year. Assuming this same growth factor applies throughout the planning period, the annual growth in materials recovered through curbside recycling in Huron will also decrease by -0.4% per year.

- 721 tons of recyclables collected in 2014 (2015 Solid Waste Plan Reference Year).
- 761 tons of recyclables collected in 2019 (2020 solid waste plan reference year).

This is a 5.5% increase in the tonnage collected from previous reference year to current reference year. The District estimates the city of Huron's curbside recycling program at 741 tons annually (approximate average of 2015-2019 tonnages).

Village of Berlin Heights curbside recycling program

The village of Berlin Heights is expected to continue its curbside recycling program throughout the planning period. Since the village's non-subscription program is available to all residents, amount of material collected is expected to change relative to population changes. According to the Ohio County Indicators Report from the Ohio Department of Development, Office of Statistical Research, Village of Berlin Height's population: 714 in 2010, 716 in 2018, and 713 in 2019 or 0% per year. Assuming this same growth factor applies throughout the planning period, the annual growth in materials recovered through curbside recycling in the Village of Berlin Heights should remain the same.

 23 tons of recyclables collected in 2019 (2020 Solid Waste Plan Reference Year).

The District estimates the village of Berlin Heights curbside recycling program at 23 tons annually.

Benchmark for Non-subscription Curbside Program- the District will evaluating the City of Huron's and the Village of Berlin Heights non-subscription curbside service against similar services in other SWMDs. If other services have higher recovery rates and/or, better participation, then there may be opportunities to apply findings to Huron and Berlin Height's service to achieve similar results.

ID#	Name of Curbside Service	Service Provider	Coun ty	How Service is Provide d	Collecti on Freque ncy	Materia Is Collect ed ⁽¹⁾	Type of Collect ion	PA YT (Y/ N)	Weight of Material s Collecte d from SWMD (tons)	Service will Continue Throughout Planning Period (Y/N)
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NCS1	Berlin Village	Republic Services	Erie	Contract between political jurisdicti on and private hauler.	weekly	Cardbo ard, Paper, Metal/A luminu m, Plastic, Glass	Single Stream	N	23	Υ
NCS2	Huron City	Republic Services	Erie	Contract between political jurisdicti on and private hauler.	weekly	Cardbo ard, Paper, Metal/A luminu m, Plastic, Glass	Single Stream	N	761	Υ
Total									784	

New Strategies for Non-Subscription Curbside Recycling

Any interested municipality in the Erie County Solid Waste District can ask the district for technical assistance regarding request for bidding documents, and contract documents to move forward with non-subscription curbside recycling. The District will be encouraging municipalities to keep all exciting non- subscription curbside programs that are operated under the district open for the 2020 Solid Waste Plan duration. The District will encourage and provide technical assistance to the largest municipality in the District (city of Sandusky) to move forward with non-subscription curbside recycling if the resident demand is high.

Subscription Curbside Recycling

Erie County residents in the city of Sandusky, Perkins Township, Milan Township, village of Milan, Berlin Township, village of Berlin Heights, village of Bay View, Margaretta Township, Vermilion Township, Groton Township, Huron Township and the village of Castalia currently have subscription curbside recycling services available. Subscription curbside recycling in Erie County collected a total 617 tons during the previous reference year (2014) and 318 tons were collected in current reference year (2019) for the above mentioned municipalities. The decrease in subscription curbside was due to price increase throughout the county from an average of \$55 per quarter to \$83 per quarter.

In the previous Plan, the Erie County Solid Waste Management District Policy Committee set the following goal:

To provide recycling to 90% of the residential population by 2016 by updating the
District's Service Provider Agreements and the Solid Waste Rules to require all
trash hauling service providers in Erie County to provide non-subscription curbside
recycling. If non-subscription curbside recycling results in unreasonable rates and
charges for trash hauling service, as determined in the sole discretion of the District,

Appendix H Strategic Evaluation

the District reserves the right to amend the Service Provider Agreements to require subscription curbside recycling instead.

The District did not reach the 2016 goal; however, the District did increase recycling opportunities to the residents of Erie County by 39%.

ID#	Name of Curbside Service	County	How Service is Provide d	Collectio n Frequen cy	Materia Is Collect ed ⁽¹⁾	Type of Collect ion	PA YT (Y/ N)	Weigh t of Materi als Collec ted from SWMD (tons)	Service will Continue Throughout Planning Period (Y/N)
					Cardbo ard, Paper, Metal/A luminu m,				
SC1	Bay View Village	Erie	Private Hauler	Weekly	Plastic, Glass	Single Stream	N		Υ
					Cardbo ard, Paper, Metal/A luminu m,				
SC2	Berlin Township	Erie	Private Hauler	Weekly	Plastic, Glass	Single Stream	N	40	Υ
	Castalia		Private	Troomy	Cardbo ard, Paper, Metal/A luminu m, Plastic,	Single		10	•
SC3	Village	Erie	Hauler	Weekly	Glass	Stream	N	19	Υ

	<u> </u>		T	1	Cardbo			1	
					ard,				
					Paper,				
					Metal/A				
					luminu				
					m,				
	Sandusky		Private		Plastic,	Single			
SC4	City	Erie	Hauler	Weekly	Glass	Stream	N	172	Υ
304	Florence	LIIC	Private	VVEEKIY	Glass	Stream	IN	112	1
SC5	Township	Erie	Hauler	Weekly	N/A	N/A	N	N/A	N/A
303	TOWNSHIP	LIIC	i iauiei	VVEEKIY	Cardbo	IN//A	IN	IN/A	IN/A
					ard,				
					Paper,				
					Metal/A				
					luminu				
	Groton		Private		m, Plastic,	Single			
SC6		Eric	Hauler	Weekly		Single Stream	N	20	Υ
300	Township	Erie	naulei	vveekiy	Glass	Sueam	N	28	Ī
					Cardbo				
					ard,				
					Paper,				
					Metal/A				
	Margaratt				luminu				
	Margarett		Deixata		m,	Circ sile			
007	a Tarres alaba	: <u>_</u>	Private	\\/ = = . .	Plastic,	Single	N.	40	V
SC7	Township	Erie	Hauler	Weekly	Glass	Stream	N	19	Υ
					Cardbo				
					ard,				
					Paper, Metal/A				
					luminu				
	Milan		Private		m, Plastic,	Cinalo			
006		Erio		Mookby		Single	NI	26	V
SC6	Township	Erie	Hauler	Weekly	Glass	Stream	N	36	Υ
					Cardbo				
					ard,				
					Paper,				
					Metal/A				
					luminu				
	Milan		Drivete		m,	Cinala			
SC9		Eric	Private	Mookly	Plastic,	Single	N		Υ
308	Village	Erie	Hauler	Weekly	Glass	Stream	N		I
					Cardbo				
					ard,				
					Paper,				
					Metal/A				
					luminu				
	Ovford		Drivete		m,	Cinala			
0010	Oxford	Eric	Private	Models	Plastic,	Single	N		\ <u> </u>
SC10	Township	Erie	Hauler	Weekly	Glass	Stream	N		Υ

SC11	Perkins Township	Erie	Private Hauler	Weekly	Cardbo ard, Paper, Metal/A luminu m, Plastic, Glass	Single Stream	N		Υ
SC12	Vermilion Township	Erie	Private Hauler	Weekly	Cardbo ard, Paper, Metal/A luminu m, Plastic, Glass	Single Stream	N	4	Υ
SC13	Huron Township	Erie	Private Hauler	Weekly	Cardbo ard, Paper, Metal/A luminu m, Plastic, Glass	Single Stream	N		Υ
SC14	Kelley's Island Village	Erie	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	_							318	

New Strategies for Subscription Curbside Recycling:

The district will continue to seek out opportunities to bring new recycling haulers to the district along with working with current haulers to encourage providing services to more municipalities.

<u>Benchmark for Subscription Curbside Program</u>- the District will evaluating the subscription curbside service against similar services in other SWMDs. If other services have higher recovery rates and/or, better participation, then there may be opportunities to apply findings to service to achieve similar results.

2. Commercial/Institutional Sector Analysis

Goal #1 Infrastructure — the SWMD shall ensure that there is adequate infrastructure to give residents and commercial businesses opportunities to recycle solid waste.

School Recycling:

Two school districts (5 buildings) reported that they have a recycling program for the 2019 Reference Year. A total of 44.78 tons of recycled materials were collected from the districts in 2019. In the previous Reference Year a total of 8 school buildings were participating in the program with a total of 25.70 tons collected. Seeing a 42% increase in school recycling due to vendor changes. The district would like to see a 2% increase through the planning period.

The District currently offers the following programs to schools within the District:

- SMART Board lessons
- Virtual field trips
- In person presentations
- Media resources
- Technical assistance with recycling programs

New Strategies for School Recycling:

In addition to the current programs offered by the District, during the planning period the District will be offering the following to increase school recycling:

- Sharing information on economic incentives provided by various recycling companies.
- Offer teacher workshops to provide educational tools to teacher on rules of recycling.
- Sharing information and providing technical assistance with available grants for recycling programs.

<u>Benchmark for School Recycling Program</u>- the District will evaluating school recycling programs in other SWMDs. If other schools have higher participation, then there may be opportunities to apply findings to service to achieve similar results.

Government Agencies:

Five government buildings reported recycling programs for the 2019 Reference Year. A total of 153.76 tons of recycled materials were collected from these buildings.

The District currently offers the following programs to governmental agencies within the District:

- In person presentations
- Media Resources
- Technical assistance with recycling programs

New Strategies for Governmental Agency Recycling:

In addition to the current programs offered by the District, during the planning period the District will be offering the following to increase governmental agencies recycling:

- Sharing information on economic incentives provided by various recycling companies.
- Sharing information and providing technical assistance with available grants for recycling programs.

Benchmark for Governmental Agency Recycling- the District will evaluating the government agency recycling against similar services in other SWMDs. If other services have better participation, then there may be opportunities to apply findings to service to achieve similar results.

Commercial Business Recycling:

Although it is likely that a great deal more commercial recycling occurred than was reported on the District's survey, waste haulers and commercial businesses reported that 19,077.90 tons of commercial waste was recycled in the 2019 Reference Year. This is an increase of 2% from the previous reference year. The District will keep this projected increase and a 2% increase will be added for the remainder of the planning period.

The District currently offers the following programs to commercial businesses within the District:

- In person presentations
- Media resources
- Technical assistance with recycling programs
- Liaison with recycling companies
- Technical assistance with grant programs
- Surveys

New Strategies for Commercial Business Recycling:

In addition to the current programs offered by the District, during the planning period the District will be offering the following to increase commercial recycling:

- Sharing information on economic incentives provided by various recycling companies.
- Share Information on the benefit of manufacturing with recycled products
- Provide information on energy saving projects
- District would like to establishing a revolving loan fund for commercial businesses

<u>Benchmark for Commercial Recycling</u>-the District will learn how other SWMDs that have higher response rates to surveys and investigate other communication avenues achieve those results

3 Industrial Sector Analysis

Goal #5 Waste Reduction and Recycling Rates - the SWMD shall incorporate strategic initiative for the industrial sector into its solid waste management plan.

Although it is likely that a great deal more industrial recycling occurred than was reported on the District's survey, waste haulers and industrial businesses reported that 2,655.50 tons of industrial waste was recycled in the 2019 reference year. This is a decrease of 97% from the previous reference year. The District would like to see a projected increase and a 2% increase will be added for the remainder of the planning period. The most recycled materials were ferrous metals and cardboard.

The District currently offers the following programs to commercial businesses within the District:

- In person presentations
- Media resources
- Technical assistance with recycling programs
- Liaison with recycling companies
- Technical assistance with grant Programs
- Surveys

New Strategies for Commercial Business Recycling:

In addition to the current programs offered by the District, during the planning period the District will be offering the following to increase governmental agencies recycling:

- Collaborating with industries through the Ohio Materials Marketplace
- District would like to establishing a revolving loan fund for industrial businesses
- Work with industries and consultants on waste assessments

<u>Benchmark for Industrial Recycling</u>-the District will learn how other SWMDs that have higher response rates to surveys and investigate other communication avenues achieve those results

4. Residential/Commercial Waste Composition Analysis

Goal #2- The SWMD shall reduce and recycle at least 25 percent of the solid waste generated by the residential/commercial sector.

Appendix H Strategic Evaluation

In the 2019 Reference Year the District met the requirements of Goal #2 by achieving at 25% reduction and recycling rate for residential/commercial sector.

Year	Population	Recycled	Disposed	Total Generated	Waste Reduction & Recycling Rate (%)
2019	68,746	19,487	58,199	77,686	25.08%

For the planning period the District would like to opt in to achieving goal #2 vs. goal #1. The rate of 25% has been consistent over the last serval years.

Yard Waste:

In the 2019 Reference Year the District reported 7,427.66 tons diverted from the landfill. This is a 99% increase from the previous reference year. Factors that contributed to the increase in yard waste diversion include:

- Increase in funding of Community Clean Up Grant monies for municipalities
- City of Huron curbside yard waste program
- District maintaining close partnerships with local yard/composting facilities

New Strategies for Yard Waste:

In addition to the current programs offered by the District, during the planning period the District will be offering the following to divert yard waste from the landfill by:

- Increase in funding of Community Clean Up Grant monies for municipalities from \$2,500 to up to \$10,000 yearly
- Promote/Advertise yard waste collections using media outlets

Food Waste Composting:

In the 2019 Reference Year the District reported 414.80 tons diverted from the landfill. This is a 95% decrease from the previous reference year. Factors that contributed to the decrease in composting diversion include:

- Lack of survey reporting
- Lack of infrastructure and tools to provide residential/commercial food composting

New Strategies for Food Waste Composting:

In addition to the current programs offered by the District, during the planning period the District will be offering the following to divert food waste from the landfill by:

- Partnering with local agencies to provide composting workshops
- Sharing information and providing technical assistance with available grants for recycling programs.

Fiber:

In the 2019 Reference Year the District reported 1839.77 tons diverted from the landfill through recycling. This is a 70% decrease from the previous reference year. Factors that contributed to the decrease in fiber recycling:

- Market conditions- cost of recycling cardboard and paper increased by an average of 85%.
- Lack of recycling haulers in the district
- Closure of Oxford Township Drop-Off recycling bin due to illegal dumping

New Strategies for Fiber Recycling:

In addition to the current programs offered by the District, during the planning period the District will be offering the following to increase fiber recycling:

 The District will continue to seek out opportunities to bring new recycling haulers to the district along with working with current haulers to encourage providing services to more municipalities.

<u>Benchmark for Residential/Commercial Waste Composition Analysis -the District will learn how other SWMDs have a higher participation and recycle rate and investigate how to implement those programs for similar results.</u>

5. Economic Incentive Analysis

Goal #7 Economic Incentives- the SWMD shall explore how to incorporate economic incentives into source reduction and recycling programs.

The District currently meets the requirements of Goal #6 through:

- 1. Emphasize the importance of non-subscription curbside recycling programs.
- 2. Promote pay-as-you-throw programs.
- 3. Advocate programs such as Recycle Bank to local political subdivisions looking to start curbside recycling.
- 4. Utilizing curbside recycling programs that use carts (or similar containers used for automation).

New Strategies:

The District will meet the requirement of Goal #6 through implementation of the following new strategies:

- 1. The District will continue to seek out opportunities to bring new recycling haulers to the district along with working with current haulers to encourage providing services to more municipalities.
- 2. In partnership with Erie County Regional Planning establish a Revolving Loan Fund for Commercial Businesses/Institutions/Industries to create a recycling program at their facility and/or address a specific material. The District will talk to several SWMD that currently have this available to model the program.
- 3. Utilizing online surveys for all surveys to make the process easier and more likely for anyone to fill out.

<u>Benchmark for Economic Incentive Analysis</u> -the District will attend workgroup meetings with other SWMD to learn about opportunities for programs that provide economic incentives and may incorporate these incentives to existing programs.

6. Restricted and Difficult to Manage Waste Streams Analysis

Goal #6-The SWMD shall provide strategies for managing scrap tires, yard waste, lead-acid batteries, household hazardous waste, and obsolete/end-of-life electronic devices.

Tires

For the Reference Year 2019 941.85 tons of tires were collected throughout the District. These tires were collected through community clean-ups, District drop-off program and private sectors. The District's tire management strategy will include maintaining a list of legal scrap tire recycling and disposal opportunities, and the continuation of the tire recycling program at the Erie County Sanitary Landfill.

The tire recycling program at the Erie County Sanitary Landfill is funded through a user fee. Below is a chart with the cost charged to residents recycling tires at the Erie County Sanitary Landfill. The program is self-sufficient with revenues and expenses nearly balancing.

Passenger Tires- \$3.00 without rim	Passenger Tires- \$4.00 with rim
Light Truck Tires- \$5.50 without rim	Light Truck Tires- \$6.50 with rim
Semi- Truck Tires- \$16.00 without rim	Semi- Truck Tires- \$25.00 with rim
Tractor Tires- \$220.00 without rim	No rims accepted

To estimate annual scrap tire recycling the average 941.85 will be used as the reference year and 2% increases will be projected throughout the planning period. The District may consider a subsidy to this program is needed to help incentivize tire collections.

Yard Waste

Yard waste recovery figures vary widely from year to year depending on weather, economic conditions and the accuracy of reporting. Since these variables cannot be predicted, the SWMD will use averages from the Annual District Reports from 2014 to 2019 residential/commercial yard waste figures and compare the Barnes Regional Compost Facility reports and land application averaged numbers reported by cities, villages and townships from 2014 to 2019 throughout the planning period.

In the 2019 Reference Year the District reported 7,427.66 tons

Land Application of Yard Waste

There is no data that this occurred for the reference year and will not be projected through The planning period. Drop-off of yard waste is publicly-available Barnes Regional Composting Facility. The District's cities, villages and some townships provide pickup of leaves and brush for their residents, then chip and/or land apply the material.

Lead Acid Batteries

Lead acid batteries and yard waste are banned from disposal at the Erie County landfill, and all landfills in Ohio. Recycling opportunities are readily available at area scrapyards, automotive service businesses and the Erie County landfill for lead-acid batteries.

Lead acid battery generation has remained fairly constant at 1% residential/commercial waste generation for several years according to the US EPA report: Municipal Solid Waste in the United States: 2019 Facts & Figures" Therefore, generation throughout the planning period will be assumed to remain fairly constant also. The District will use the 1% increase to calculate through the planning period.

Household Hazardous Waste

The District previously held one day collections for Household Hazardous Waste (HHW) five times per year from June- October. In 2020, the District revamped the program to hold one annual collection. This was due to the cost of the program and the low participation. Since the new system has been in place; the attendance, materials, and cars are steady. In 2019, the District held one HHW Collection. The collection materials totaled 16 tons with 153 cars in attendance costing the District \$24,908.71

The District will use 16 tons throughout the planning period. The purpose for these collections is to minimize the amount and the District statistics are showing that we are starting to plateau for this material.

Electronics

In 2020, the District promoted Goodwill Industries, Staples, and Best Buy's programs for electronic waste. Therefore, the District will not include any electronic waste collection in current projections.

Batteries

In 2009, the District revamped the battery program to pay a contractor to pick up 12 sites throughout Erie County on a regular basis. Currently the district still operates under this programs but as reduced the number of battery recycling sites to 6 locations due to cost and participation.

All Restricted Solid Wastes

The District will continue to maintain a list of legal recycling opportunities for restricted wastes and publish in the recycling guide and Web site information on the proper management of these restricted wastes.

Benchmark for Restricted and Difficult to Manage Waste Streams Analysis -the District will learn how other SWMDs manage difficult/restricted waste. The District will research how other Districts provide funding and programing for these waste streams. The District may apply the findings to improve or change current programs.

7. Diversion Analysis

In the 2019 Reference Year the District met the requirements of Goal #2 by achieving at 25% reduction and recycling rate for residential/commercial sector.

In the 2019 Reference Year the District met the requirements of Goal #2 by achieving at

25% reduction and recycling rate for residential/commercial sector.

Year	Population	Recycled	Disposed	Total Generated	Waste Reduction & Recycling Rate (%)
2019	68,746	19,487	58,124	77,611	25.11%

For the planning period the District would like to opt in to achieving goal #2 vs. goal #1. The rate of 25% has been consistent over the last serval years.

For the planning period the District would like to opt in to achieving goal #2 vs. goal #1. The rate of 25% has been consistent over the last serval years. The materials that make up the largest amounts of recyclables in the District are yard waste and non-ferrous metals.

<u>Benchmark for Diversion Analysis</u> -the District compare waste reduction and recycling rate with other SWMD and analysis programs that more successful districts have in place. The District may use these findings to improve/enhance current programs.

8. Special Program Needs Analysis

Litter Law Enforcement

The District provides funding to the Erie County Sheriff deputy's wages and fringes that operates the community service litter collection trailer not cover by gran fund from the Common Pleas Court. The District will also provide funding to the investigating and enforcing litter and related solid waste laws. The combined funding will be up to \$150,000.00 annually throughout the planning period. The following MOU will be used starting in 2025 when current MOU is expired.

MEMORANDUM OF UNDERSTANDING

THIS MEMORANDUM OF UNDE	ERSTANDING (M	IOU), made and entered	d into by and betwee	n the Solid
Waste Management District of Erie County,	Ohio, hereinafter	referred to as "SWMD	o" and the Erie Cour	ity Sheriff,
hereinafter referred to as "Sheriff", on this	day of			

WHEREAS, the SWMD on the 27th day of June, 2017, adopted Resolution No. 117-1, amending the Solid Waste Management Plan section VIII.B., to provide funding to the Sheriff for litter monitoring and law enforcement efforts throughout the County, including in and around Eric County's active landfill site located at 10102 Hoover Rd. in Milan Township, according to Ohio Revised Code sections 3734.57(G)(4) and (7);

NOW THEREFORE, in consideration of the mutual covenants and promises herein set forth, the parties hereto understand as follows:

Section 1. TERM

This MOU shall commence on the 1^{st} day of January, , and remain in effect through December 31, . The MOU can be automatically renewed in three year increments upon written, or otherwise, approval by both parties prior to the expiration of an existing term.

Section 2. FUNDING

The SWMD agrees to remit to the Sheriff, up to one hundred fifty thousand dollars (\$150,000.00) per calendar year, no later than December 31 each year. The Sheriff shall provide an invoice each year for such services outlined in Section 3. The SWMD Coordinator, County Administrator, and the Sheriff or his designee shall determine the annual amount.

Section 3. DUTIES OF THE SHERIFF

In consideration of the contributions received from the SWMD, the Sheriff agrees to provide an enhanced effort to enforce anti-littering laws and ordinances throughout Erie County, and in and around the County's active landfill site. These efforts include, but is not limited to:

- -investigating illegal dump sites and filling appropriate criminal charges against those responsible for illegal dumping; and/or
- -patrolling for, and taking appropriate enforcement actions against vehicle operators with unsecured loads; and/or
- -monitoring vehicles operated by waste haulers transferring solid waste from Huron county Transfer station to the Erie County Landfill to ensure loads are carried by those vehicles are properly secured; and/or

Appendix H Strategic Evaluation

-investigating general litter complaints received throughout Erie County and taking appropriate enforcement actions at the conclusion of the investigation

The Sheriff will assemble and supervise community service workers to provide litter clean-up duties throughout Erie County, and in and around the active landfill site.

The Sheriff will provide annual reports to the SWMD to document the services provided under this MOU. Section 3. Deposit of Moneys and Record Keeping The Grantee agrees to maintain detailed records itemizing specifically:

- (i.) any monies disbursed to it under this Agreement,
- (ii.) the purpose for which any such moneys are expended, and

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(iii.) the balance of any such moneys that remain unexpended (those unexpended moneys, for the purpose of this Agreement, being deemed to constitute and hereinafter referred to as the "Solid Waste Assistance Account").

All books, records and materials, financial or otherwise, pertinent to the financial assistance provided by the District to the Sheriff under this Agreement shall upon reasonable notice by the Board of Directors or any authorized representative thereof be available for inspection by the Board of Directors or any authorized representative thereof, including without limitation the Coordinator of the District. The Board of Directors or its representative shall, at the cost and expense of the District, be entitled to make, or to receive upon reasonable request, copies of those records. The provisions of this Section 3 shall survive the termination of this Agreement.

Section 4. EQUIPMENT -

Notice of Purchase; Ownership and Use; Disposition and Insurance 4.01 The Sheriff shall notify the District promptly in writing of the use by the Sheriff of any monies disbursed to the Sheriff under this Agreement to purchase equipment. That notice shall include a description of the equipment, the manufacturers' serial or other identification number, the date of purchase, the name of the seller or supplier of the equipment, the cost of the equipment and the portion of the purchase price of the equipment paid or reimbursed from monies disbursed to the Sheriff under this Agreement.

4.02 The Sheriff shall be the owner of any equipment purchased by the Sheriff with monies disbursed to it under this Agreement. The proportionate use by the County Sheriff of any equipment purchased in whole or in part with monies disbursed to the Sheriff under this Agreement for the performance of the Statutory Purposes, on average over any one-year period that the equipment is owned by the Sheriff, shall not be less than the percentage of the purchase price of that equipment paid or reimbursed from any such monies.

4.03 The Sheriff shall not sell or otherwise transfer ownership of any equipment purchased in whole or in part with monies disbursed to the Sheriff under this Agreement without giving prior notice in writing to the District of the proposed sale or transfer and obtaining permission for same from the District. Any such equipment may be traded by the Sheriff for equipment of equal or greater value, provided that the equipment acquired shall be deemed to have been purchased with monies disbursed to the Sheriff under this Agreement to the extent of the value of the equipment traded that is allocable to the expenditure of monies disbursed to the Sheriff under this Agreement for its purchase and shall be subject to the terms and provisions of this Agreement. The Sheriff may sell any equipment purchased in whole or in part with monies disbursed to the County under this Agreement, provided that the proceeds of that sale, to the extent of any monies disbursed to the Sheriff under this Agreement that were used or are deemed to have been used in accordance with the preceding sentence to purchase that property, shall be paid to the District or, with the prior written consent of the District, may be used for any purpose within the scope of the Statutory Purposes.

SECTION 6. LIABILITY INDEMNIFICATION

The Sheriff agrees and acknowledges that the Board of Directors, any committee or subcommittee of the Board of Directors, the District, all officers, employees and agents of the foregoing (collectively the "Indemnitees"), shall not be liable for losses, penalties, damages, settlements, costs or liabilities of any kind or character arising out of or in connection with any acts or omissions of the Sheriff , negligent or otherwise, or of its employees, officers, agents or independent contractors including without limitation any damages or costs, including attorney's fees, or other

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expenses incurred in defending against any action arising out of any such act or omission and that the Sheriff shall indemnify and hold the Indemnitees harmless from the same.

SECTION 7. TERMINATION; Repayment to the District 7.01 Either the District or the Sheriff may terminate this Agreement at its option and discretion, with or without cause, by providing not fewer than 30 days written notice to the other party. Upon receipt by the Sheriff or the giving by the Sheriff of any such notice of termination, Sheriff shall not incur any additional obligations, and shall use its best efforts to cancel any obligations previously incurred.

7.02 The Sheriff shall repay to the District, on the effective date of any termination, the balance in the Solid Waste Account subject to the provisions below. The Sheriff may retain a portion of the balance in the Solid Waste Assistance Account equal to any amount which is encumbered for the payment of no cancelable obligations properly incurred by the Sheriff for the performance of the Grant Purposes prior to its receipt or giving of notice of termination, provided however that the Sheriff shall provide to the District a complete accounting of any such amounts including the names and contact information for the relevant contracting parties. If the Sheriff shall retain any portion of the Solid Waste Account under this Section 7, the Sheriff shall waive any and all claims it may have against the District or the Board of Directors with reference to the obligation for which it retains sums and the Sheriff hereby agrees to hold the District and Board of Directors harmless from any liabilities arising under such obligations. The provisions of this Section 7.02 shall survive the termination of this Agreement.

7.03 The Sheriff shall repay the District all sums received pursuant to this program if the District determines the monies have not been used in compliance with the program purposes. All sums used in a non-conforming manner will be repaid to the District within thirty (30) days of the Sheriff's receipt of the Districts written demand for the same.

Section 8. MISCELLANEOUS

This MOU may be changed only by an instrument in writing signed by both parties.

No waiver of any breach shall affect or alter this MOU, but each and every covenant, agreement, term and condition of this MOU shall continue in full force and effect.

This MOU constitutes all promises, conditions, inducements and understandings between the SWMD and the Sheriff.

In the event any term or provision of this MOU shall for any reason be held invalid, illegal, or unenforceable, such invalidity, illegality or unenforceability shall not affect any other term or provision herein. This MOU shall be governed by the laws of the State of Ohio.

 IN WITNESS,	THEREOF,	the partie	s have	executed	this	MOU	in duplicate	, this	day of
Signed in the pr	resence of:				-	SOLID DISTRIC	WASTE T OF ERIE		AGEMENT , OHIO
		_			F	ERIE CO	UNTY SHE	RIFF	
					_				

APPROVED AS TO FORM:		
Assistant Prosecuting Attorney		

Sheriff Litter Trailer

In 2016, the District purchased a litter trailer for the Sheriff's Office to use with inmates that have minor offenses to pick up litter along Erie County's roadsides, public lands, and waterways.

In the 2019 reference year the Sheriff Litter Trailer collected 2.19 tons of litter, and put in 265.25 collection hours. Estimated 1% increase will be added for the remainder of the planning period.

Disaster Debris Management

The District has worked with Erie County Emergency Management Agency to create the Erie County Debris Management Resource Book. The information contained within this Resource Book is intended to assist local officials responsible for all or a portion of the issues relating to managing all types of waste/ debris resulting from a disaster of significant emergency. Removal, reduction, recycling, temporary sites, contracting and disposal data as well as points of contact

The Erie County Solid Waste Management District plans to allocate \$25,000.00 annually throughout the planning period for managing all types of waste/debris resulting from a disaster or significant emergency. The funding is only available after an emergency declaration has been made by the Board of Commissioners of Erie County where the disaster took place. The Board of Erie County Solid Waste Management District is not required to call a special session of the Board to activate funding.

Other District Funded Programs:

• Community Clean up Grants- in the 2019 Reference year the District offered local political subdivisions of Erie County Solid Waste District a \$2,500 grant to aid with their community's recycling collection. A total of 48.85 tons was collected from eleven out of the sixteen municipalities for the 2019 Reference Year. Going forward the District would like to offer up to \$10,000 in grant monies annually to local political subdivisions of Erie County Solid Waste District. With the increase in funds a projected 10% increase of tonnage collected will be added for the remainder of the planning period.

• **Recycled Material Grant-** - in the 2019 Reference year the District offered \$5,000 annually in grant form as a Recycled Materials Grant to encourage the purchase of recycled-content products. This grant is offered to public and private entities.

Going forward the District would like to offer up to \$250,000.00 in grant monies annually to public and private entities within Erie County Solid Waste District.

- Tire Credit- in the 2019 Reference year the District offered local political subdivisions of Erie County Solid Waste District an annual \$1,000 credit for tire recycling to reduce the amount of roadside tires throughout the District. Going forward the District would like to keep the tire credit at \$1,000 annually for each local political subdivisions of Erie County Solid Waste District.
- Household Hazardous Waste Collection- the District previously held one day collections for Household Hazardous Waste (HHW) five times per year from June- October. In 2020, the District revamped the program to hold one annual collection each year in October. This was due to the cost of the program and the low participation. Since the new system has been in place; the attendance, materials, and cars are steady. In 2019, the District held one HHW Collection. The collection materials totaled 16 tons with 153 cars in attendance costing the District \$24,908.71

The District will use 16 tons throughout the planning period. The purpose for these collections is to minimize the amount of HHW throughout the District and the District statistics are showing that we are starting to plateau for this material.

GREEN Bean-In the 2019 Reference Year, the G.R.E.E.N. Bean provided 140 volunteers the necessary tools to pick up 3,840 pounds of litter and 14 tires along Erie County's roadsides, public lands, and waterways. Throughout the planning period the District will continue to purchase materials needed to supply the GREEN Bean annually.

The Board of Solid Waste will have the authority to add and remove programs as they see fit throughout planning period.

<u>Benchmark for Special Program Needs Analysis</u> -the District will investigate how other SWMDs manage contracts with sheriff's departments and the sheriffs' responsibilities under those contracts. The District will identify strategies for incorporating behavior change techniques into education and outreach programs.

9. Financial Analysis

<u>District Disposal Fees (ORC Section 3734.57(B))</u>

The District does not currently collect or propose to collect District Disposal Fee at the Erie County Landfill.

Generation Fees (ORC Section 3734.573)

The District currently collects a \$6.00 per ton generation fee on solid waste generated within the Solid Waste District and disposed in landfills located within the State of Ohio. The generation fee is charged only on solid waste, not exempt waste, and only on waste disposed in Ohio, not out-of-state. Therefore to determine the amount of waste subject to the generation fee exempt waste projections and estimated out-of-state disposal amounts are subtracted from total waste disposal projections to determine the amount of waste subject to generation fees annually.

The District will remain at \$6.00 per ton of waste generated throughout the planning period. The Board reserves the right to raise or lower the fees depending on the needs of the District. Program funding may fluctuate between line items depending on the focus of the Board of Directors deem necessary.

Summary of District Revenues

The District is currently funded by 1) a \$6.00 per ton generation fee, 2) a contract with the Erie County Landfill on out-of-District solid waste to remit the difference between \$2.00 per ton and the originating-District's fee (if any) to the Erie County SWMD, and 3) grant funds from various sources.

Beginning in the reference year 2019, the District funds plan implementation throughout the planning period with 1) generation fees and 2) contract fees from the existing contract with the Erie County Landfill on out-of-District solid waste. The amount of revenue from contract fees is estimated at 3% of the annual tonnage.

As previously stated the District is unsure of the amount of grant funding that will be applied for annually and does not need to rely on grants to maintain operation of the District therefore the amount will not be shown.

Cost to the District

Throughout the planning period, the District will incur expenses for office and staff, plan preparation at five-year intervals, and the following activities and programs.

- District Coordinator
- Office supplies
- Office overhead
- Travel
- Repairs and maintenance
- Equipment

- Plan update
- SWMD drop-off program
- Special events
- Outreach & marketing
- Advertising
- Sheriff litter trailer
- G.R.E.E.N. Bean Community Trailer
- Debris Management Plan
- Community grants
- Household Battery Collection
- Household Hazardous Waste Collections
- Municipality tire credit
- Sheriff litter aide
- Recycled Materials Grant
- Revolving Loan Fund
- Community Clean Up Grants

The following projections have been made regarding these activities:

- District Coordinator
 - \$34,095.88 (\$22.61 per hour x 29 hours a week x 52 weeks a year) per year including payroll and benefits
 - Staff costs, including payroll and benefits, will increase at 3% per year beginning in 2016.
 - These wages will be set and approved by the Board.
- Office Supplies
 - o 500.00 per year
- Office Overhead
 - 4,000 per year
- Travel
 - o 500.00 per year
- Repairs and Maintenance
 - 20,000 per year
- Equipment
 - Year by year basis under circumstance where new equipment is needed
- Plan Update
 - 5% of the District Coordinator's total salary beginning 2021

^{**}The Board will meet annually to determine the amount for each line item. **

- SWMD Drop-Off Program
 - 100,000 per year
- Special Events- \$1,000.00 per year and will increase 5% over the planning period
 - Earth Day Extravaganza \$1,000 per year beginning 2020 and remaining constant throughout the planning period
- Outreach & Marketing Plan- Total \$600.00 and increase 5% annually throughout the planning period
 - o Give-A-Way Items- \$100.00 per year
 - o Printing- \$500.00 per year
- Advertising- Up to \$75,000 annually throughout the planning period
 - Newspaper
 - Mailers
 - Commercials
- Sheriff Litter Trailer- \$5,000 and increase 5% annually throughout the planning period per year.
 - \$5,000 for maintenance and restocking
- G.R.E.E.N. Bean Community Trailer- \$1,000 and increase 5% over the planning period.
 - \$1,000 for maintenance and restocking
- Debris Management Plan- \$25,000 annually
 - \$25,000 annually for managing all types of waste/debris resulting from a disaster or significant emergency
- Household Battery Collections (Drop-Off Sites)- \$30,000.00 annually increase of 5% annually throughout the planning period per year.
 - \$30,000- to pay private contractor to collect, haul and properly dispose of batteries collected at 6 drop-off sites throughout the county.
- Household Hazardous Waste Collections- \$30,000.00 annually increase of 5% annually throughout the planning period per year.
 - \$30,000 annually for one annual collection.
- Municipality Tire Credit- \$16,000 annually
 - \$1,000 credit for tire recycling to reduce the amount of roadside tires throughout the District.

- Community Clean Up Grants- \$160,000 annually
 - Up to \$10,000 in grant monies annually to local political subdivisions of Erie County Solid Waste District (16).
- Sheriff Litter Aide- \$150,000 annually
 - The District provides funding to the Erie County Sheriff deputy's wages and fringes that operates the community service litter collection trailer not cover by grant fund from the Common Pleas Court. The District will also provide funding to the investigating and enforcing litter and related solid waste laws. The combined funding will be \$150,000.00 annually throughout the planning period.
- Recycled Materials Grant- \$250,000 annually
 - \$250,000 annually to encourage the purchase of recycled-content products. This grant is offered to public and private entities.
- Revolving Loan Fund- Up to \$75,000 annually
 - Up to \$75,000 annually for businesses

Carry Over Balance

Throughout the previous planning period the district saw a consistent carry over quarter to quarter and year to year. This carry over was due to decreased expenditures:

- Reduction in staff, salary, HHW Collections and battery drop-offs
- Partnering with local entities to provide no cost workshops
- Fundraising and sponsorships to reduce cost for events
- Renewing expired contracts to reduce cost and lock in pricing

Going forward the District has implemented increases in funding for programing to spend down some of the excess carry over balanced that it has accumulated throughout the years. Program funding increases include:

- Community Clean Up Grants- \$2,500 annually per municipality to be increased to up to \$10,000 annually per municipality.
- Advertising- \$ 100 annually increased up to \$75,000 annually.
- Recycled Materials Grant- \$5,000 annually increased up to \$250,000 annually.
- Revolving loan fund- up to \$75,000 annually

Benchmark for Financial Analysis -the District maintain a balanced budget year to year. The District will be sending dome some excess carry over that have accumulated thought the years. This excess carry over has allowed the District to add new and innovative programs that will lead to an increase in recycling, behavior change and awareness. The District will maintain a balanced budget and not go into the negative. The District's spending is regulated by the Erie County Solid Waste Board.

10. Regional Analysis

The District currently and will continue to throughout the planning period collaborate with neighboring SWMD. The District maintains these relationships by:

- Sharing resources
- Attending SWMD workgroup meetings
- Open communication via phone, email, meetings, etc.
- Open to partnerships for workshops with common messaging for residents

<u>Benchmark Regional Analysis</u> -the District will work with SWMD throughout the state of Ohio to share and hear ideas that may lead to opportunities to apply new ideas to current programs.

11. Data Collection Analysis

Residential:

The District sends out a survey to haulers annually to get data on the tonnage of material being recycled in the District and the number of household participating in a recycling program. There are gaps in this data as only one out of four haulers in the District participated in this survey during the 2019 Reference Year. The District also uses the published Ohio EPA data annually. The District takes both sources of data and completes the OEPA Annual District Report and also uses the data to evaluate the performance programs within the District.

Commercial:

The District sends out a survey to commercial business that operate in the District annually to get data on the tonnage of material being recycled in the District. The District has compiled a list of 201 commercial businesses from use of the Chamber of Commerce website as a resource. 201, 12 question surveys are sent out via email and a mailed letter to commercial business annually and for the 2019 Reference year 20% filled out and returned the survey via online submission, mailed, emailed, phone, dropoff and fax. A major problem the District encounters with the survey responses are lack of participation and inaccuracy of the data provided. To solve this issue the District would like to see a possibility of the OEPA sending out these surveys or collaborating with the District to send out these surveys as the OEPA has more authority than the District. The District also uses the published Ohio EPA data annually. The District takes both sources of data and completes the OEPA Annual District Report and also uses the data to evaluate the performance programs within the District.

<u>Benchmark for Data Collection Analysis</u>- the District will learn how other SWMDs that have higher response rates to surveys achieve those results.

12. Education/Outreach Analysis

<u>Goal #4 Outreach and Education: Outreach Plan and General Requirements</u> - the SWMD shall provide education, outreach, marketing, and technical assistance regarding reduction, recycling, composting, reuse, and other alternative waste management methods to identified target audiences using best practices.

Target Audiences:

Residents:

- Programs- We offer requested programs as requested free of charge, any time of the year. Collaboration with organizations including: Erie MetroParks, Friend of Old Woman Creek and Erie County Soil & Water. The District attends and puts on events such as Earth Day.
- Outreach and Marketing- Our main outreach methods are newspaper, online sources (webpage or social media), and attending public meetings.
- Technical Assistance- Most technical assistance is provided through our websites. On there, residents are able to find businesses that take specific items. Our phone system is also valuable to providing technical assistance. All phone messages are returned and we are able to help residents with questions/issues. Social Media is another great outlet where we can connect with people and try to engage the technology focused audience. We have also implemented new signage and brochures for our residents at all drop-off locations to help with the rules of recycling.
- New Strategies- the District will be implementing more advertising to share information on recycling rules and promote social media resources.

Schools:

- Programs- We currently do requested programs and class visits. If a recycling program is not established in the school we offer technical assistance if requested. Teacher resources are available by request.
- Outreach and Marketing- Currently, our biggest source of outreach is through our website.
- Technical Assistance- Most technical assistance is provided through our website. We will help implement school recycling programs if they do not have one. We over assistance with special collection and our recycling bins are available to use at events.
- New Strategies- the District will be implementing outlets for virtual learning opportunities.

Commercial and Industrial :

- Programs- We provide a connection between businesses and recycling haulers. We will meet with businesses as needed to discuss which recycling options and avenues are best for them. We provide the bridge to connect businesses with the correct haulers to provide recycling.
- Outreach and Marketing- Currently, our biggest source of outreach is through our website which provides information regarding

- businesses and where materials can be recycled. We have an online survey for industrial and commercial businesses to fill out.
- Technical Assistance- the District is available to help with hauler concerns and questions on how things may be recycled or disposed of. The websites is available to see what other businesses are doing locally.
 Waste audits are sent out annually by the District.
- New Strategies- the District to utilize the Ohio Materials Marketplace.

Communities and Elected Officials:

- Programs- We currently have a \$2,500 community grant available to each municipality in the District to aid in municipality run collections. We also have a \$1,000 tire credit available to each municipality to reduce roadside tires.
- Outreach and Marketing- the District attends meetings as needed for each municipality.
- Technical Assistance- Our website provides information regarding what and where materials can be recycled as well as different collection events coming up.
- New Strategies- the district will be raising the Community Clean Up Grants up to \$10,000 in grant monies annually to local political subdivisions of Erie County Solid Waste District (16) \$160,000 annually. Increase the Recycled Materials Grant to \$250,000 annually to encourage the purchase of recycled-content products. This grant is offered to public and private entities.

<u>Benchmark for Education/Outreach Analysis</u>- the District will identify strategies for incorporating behavior change techniques into education and outreach programs.

13. Processing Capacity Analysis

The District is serviced by private contractors for recycling haulers/processers. The nearest recycling facility is owned and operated by Republic Services in Lorain County. The capacity of this facility is unknown.

<u>Benchmark for Processing Capacity Analysis</u>- the District will reach out to haulers outside of the District to inquire about interest in servicing the Erie County Solid Waste Management District.

APPENDIX I ACTIONS, PRIORITIES, AND PROGRAM DESCRIPTIONS

A. Actions and Priorities

1. Actions

- Advertising Campaign- Up to \$75,000 annually throughout the planning period to have consistent messaging on recycling rules. The district will use this money to promote advertisements to lower contamination with the curbside and drop-off programs. The advertisements will be an assortment of the following: displaying items that can vs. cannot be recycled in curbside programs and drop-off programs. Advertisements will include rules to follow such as items must be clean, dry and empty AND items cannot be bagged, boxed or bundled. The District will keep data on contamination fees charged (drop-offs) in each quarter throughout the planning period to determine if advertisements are having impact on contamination.
- Sheriff Litter Trailer- \$5,000 and increase 5% annually throughout the planning period per year. This will be a continuing program from previous planning period. The Sheriff Litter Trailer is used to complete litter pick-ups throughout the district. In the 2019 reference year 4,380 pounds of litter was collected and 265.25 hours were spent conducting litter clean ups. Nine townships were serviced by the litter trailer in 2019. The District will continue to purchase supplies needed for this trailer for the planning period. Items may include gloves, vests, trash bags, litter grabber, etc.
- G.R.E.E.N. Bean Community Trailer- \$1,000 and increase 5% over the planning period. This will be a continuing program from previous planning period. This is a fully stocked trailer that is available to residents within the district to rent out for free to conduct their own litter clean ups throughout the district. During the 2019 reference year the trailer was used for 6 events, 140 volunteers, 1,290 volunteer hours with a collection total of 3,840 pounds of trash and 14 tires recycled. Areas that were serviced by the trailer include 12 parks, 2 miles of streets, 1 mile of shoreline, 1 mile of stream and 1 wetland. The District will continue to purchase supplies needed for this trailer for the planning period. Items may include gloves, vests, trash bags, litter grabber, etc.
- Debris Management Plan- \$25,000 annually for managing all types of waste/debris resulting from a disaster or significant emergency. The District has a currently updated debris management plan and will continue to work with Erie County Emergency Management to update this plan as needed.
- Household Battery Collections (Drop-Off Sites) \$30,000.00 annually increase of 5% annually throughout the planning period per year. Fund will be used to pay

private contractor to collect, haul and properly dispose of batteries collected at 6 drop-off sites throughout the county. This will be a continuing program from previous planning period. In 2019 the District had 14 drop-off locations for residents to drop batteries off at, during this year there were 2.95 tons of batteries collected. Since 2019 the cost of battery drop-off sites have increased dramatically causing the District to consolidate drop-off locations to 6. In 2022 the price increase by 15%, the District will continue to monitor this cost and may need to consolidate more.

- Household Hazardous Waste Collections- \$30,000.00 annually increase of 5% annually throughout the planning period per year. This will be a continuing program from previous planning period. During the 2019 reference year the District held two collections per year. This is a free event to residents within the District to bring an unlimited amount of household hazardous waste (HHW). Events in the reference year were in June and October totaling 153 participants and 9.70 tons of HHW collected. Due to the 15% increase in cost the District had to change to 1 collection per year. The District will continue to offer 1 HHW collection per year throughout the planning period.
- Municipality Tire Credit-\$1,000 credit to each municipality in the District (\$16,000 total) for tire recycling to reduce the amount of roadside tires throughout the District. This will be a continuing program from previous planning period. In the 2019 reference year \$0 were spend for this credit. The District will promote this credit to municipalities. This credit is only for roadside tires brought to the landfill by the municipality.
- Community Clean Up Grants- Up to \$10,000 in grant monies annually to local political subdivisions of Erie County Solid Waste District (\$160,000.00 total). This will be a continuing program from previous planning period, with an increase in funds. This grant will allow municipalities to host their own clean up events. To be eligible for this grant the clean-up must take place within the current calendar year, qualifying clean-ups include the collection of tires, appliances, scrap metal, yard waste, leaves, recyclables, household hazardous waste, and rubbish. Municipalities must submit an invoice to the district with the description of their event, tonnage collected and paid invoice copies to the District by December 1st of that calendar year to be eligible for grant funds. In the 2019 11 out of 16 municipalities applied and received this grant, collecting 129.56 tons. The total amount of money given by the District to municipalities through this grant was \$27,500, however the total cost for municipalities was \$34,852.30. The invoice copies and feedback we have been receiving from the municipalities is that the \$2,500 grant per year is not enough. The District will raise the grant up to \$10,000 per municipality to cover entire cost of clean-up events and to get more frequent events throughout the year and/or more participation.
- Sheriff Litter Aide- \$150,000 annually

The District provides funding to the Erie County Sheriff deputy's wages and fringes that operates the community service litter collection trailer not cover by grant fund from the Common Pleas Court. The District will also provide funding to the investigating and enforcing litter and related solid waste laws. The combined funding will be \$150,000.00 annually throughout the planning period. This will be a continuing program from previous planning period. In the 2019 reference year 4,380 pounds of litter was collected and 265.25 hours were spent conducting litter clean ups. Nine townships were serviced by the Sheriff in 2019. The Sheriff is also responsible for enforcing our no dumping policies and contamination violations at our drop-off locations.

Recycled Materials Grant- Up to \$250,000 annually to encourage the purchase of recycled-content products. This grant is offered to public and private entities. This grant has an application process in order to be awarded (application to be filled out, Board to approve, communication back to awarded entity, proof of purchase sent to District, funds distributed by District). Any public or private entity that would like to apply for this grant must fill out the required application that request the following information:

- (1) Proposal narrative (not to exceed 2 pages) answering the following, in this order: (please note that products purchased with grant money must be made from recycled material)
- (a) Summarize the purpose of your project and explain how this grant will be used?
- (b) Who will this project benefit and in what ways?
- (c) How will ECSWMD grant funds be used? How will this project be funded?
 - (i) if the grant is made?
 - (ii) if the grant is denied?
 - (iii) if other sources of funding are needed for the project? Are these funds pending or have they been obtained, and from what sources?
 - (iv) If partial amount of funds are granted will the project still continue?
- (2) Completed Budget Form

Total Project Cost
 Please list the entire cost of the project. The combined amounts of Column C an

Column D will equal the total listed in Column B.

ECSWMD Grant Request Please list the funds requested from ECSWMD only in Column C.

Other Funding for Project Please list in Column D any additional funds from other sources needed

to complete this project.

ECSWMD Grant Funding is limited to the following (please note that products purchased with grant funds must be made from recycled material):

Services Any contracted services (for example, printing,

professional advice, presenters, or independent contractor fees) to be funded with this grant.

Any supplies for the project to be paid for with funds from

this grant.

Supplies

Capital Improvements

Any property purchase, equipment, building materials or facility improvements of the project to be funded with this grant.

Other Any costs that do not fit into the above categories. Please explain these costs in the program narrative.

Please note: ECSWMD grant funds may not be used for salaries/benefits for organization employees.

In 2019 the district did not have public or private entries apply for the grant. The District will promote this grant throughout the planning period to increase recycling awareness.

Revolving Loan Fund- Up to \$75,000 annually for businesses wishing to start at a
recycling program. The revolving loan would be eligible to private or public
entities wishing to purchase materials to start a recycling program. The District
will create an application process where a business can apply for this loan and
the Board can loan this money. The recycling programs could include, but are not
limited to materials needed such as compactors, roll-offs, curbside carts,
shredders, etc.

2. Priorities

- Advertising campaign- Goals 2,3,4,5
- Sheriff litter trailer- Goal 2
- G.R.E.E.N. Bean community trailer- Goals 2,4
- Debris Management Plan- Goals 2,5
- Household Battery Collections (drop-off sites) Goal 5
- Household Hazardous Waste Collections- Goal 5
- Municipality tire credit- Goal 5
- Community Clean Up Grants- Goals 2,5
- Sheriff litter aide- Goal 2
- Recycled Materials Grant- Goals 3,4,5, 6, 8, 9
- Revolving loan fund- Goals 1,2,3, 4, 5, 6,8,7

B. Programs

Residential Recycling Infrastructure

Curbside Recycling Services

Non-Subscription Curbside Recycling

ID	Name	Start Date	End Date	Goal(s)
NCS1	Berlin Village	Existing	Ongoing	Goal 1 and 2
NCS2	Huron City	Existing	Ongoing	Goal 1 and 2

Contract between political jurisdiction and private hauler. Weekly pick up of the following materials: Cardboard, Paper, Metal/Aluminum, Plastic, and Glass.

Subscription Curbside Recycling

ID	Name	Start Date	End Date	Goal(s)
SC1	Bay View Village	Existing	Ongoing	Goal 1 and 2
SC2	Berlin Township	Existing	Ongoing	Goal 1 and 2
SC3	Castalia Village	Existing	Ongoing	Goal 1 and 2
SC4	Sandusky City	Existing	Ongoing	Goal 1 and 2
SC6	Groton Township	Existing	Ongoing	Goal 1 and 2
SC7	Margaretta Township	Existing	Ongoing	Goal 1 and 2
SC8	Milan Township	Existing	Ongoing	Goal 1 and 2
SC9	Milan Village	Existing	Ongoing	Goal 1 and 2
SC10	Oxford Township	Existing	Ongoing	Goal 1 and 2
SC11	Perkins Township	Existing	Ongoing	Goal 1 and 2
SC12	Vermilion Township	Existing	Ongoing	Goal 1 and 2
SC13	Huron Township	Existing	Ongoing	Goal 1 and 2

Private hauler provides weekly pick up of the following materials: Cardboard, Paper, Metal/Aluminum, Plastic, and Glass.

Drop-off Recycling Locations

Full-Time, Urban Drop-offs

ID	Name	Start Date	End Date	Goal(s)
FTU1	Sandusky (Service Center)	Existing	Ongoing	Goal 1 and 2
FTU2	Sandusky Steel	Existing	Ongoing	Goal 1 and 2

FTU1- Contract between political jurisdiction and private hauler. Open 24 hours a day 7 days a week. The following material is collected: Cardboard, Paper, Metal/Aluminum, Plastic, and Glass.

FTU2- Private Collector, open 8.5 hours a day 5 days a week and 3.5 hours 1 day a week. The following material is collected: Cardboard, Paper, Metal/Aluminum.

Part-Time, Urban Drop-offs No program available

Full-Time, Rural Drop-offs

ID	Name	Start Date	End Date	Goal(s)
FTR1	Erie County Landfill	Existing	Ongoing	Goal 1 and 2
FTR2	Groton Township	Existing	Ongoing	Goal 1 and 2
FTR3	Margaretta Township	Existing	Ongoing	Goal 1 and 2
FTR4	Berlin Township	Existing	Ongoing	Goal 1 and 2
FTR5	Florence Township	Existing	Ongoing	Goal 1 and 2

FTR1 and FTR2- Contract between SWMD and private hauler. Open 24 hours a day 7 days a week. The following material is collected: Cardboard, Paper, Metal/Aluminum, Plastic, and Glass.

FTR3- Contract between political jurisdiction and private hauler. Open 24 hours a day 7 days a week. The following material is collected: Cardboard, Paper, Metal/Aluminum, Glass and Plastic.

FTR4 and FTR5- Contract between private organization and private hauler. Open 24 hours a day 7 days a week. The following material is collected from FTR4: Metal/Aluminum and the following is collected from FTR5: paper. FTR4 and FTR5 do not meet the minimum standards.

Part-Time, Rural Drop-offs

No program available

Mixed solid waste materials recovery facility

No program available

Multi-Family Unit Recycling

No program available

Other Residential Recycling Programs (list individually below)

No program available

Commercial/Institutional Sector Reduction and Recycling Programs

School Recycling

Name	Start Date	End Date	Goal
Perkins Local Schools	Existing	Ongoing	Goal 2
EHOVE Career Center	Existing	Ongoing	Goal 2

Perkins Local Schools- The following material is collected: Cardboard, Paper, Metal/Aluminum, and Plastic.

EHOVE Career Center- The following material is collected: cardboard.

Collection Services (small businesses, government offices, etc)

Name	Start Date	End Date	Goal
Erie County Job and Family Services	Existing	Ongoing	Goal 2
Erie County Services	Existing	Ongoing	Goal 2
Erie County Jail	Existing	Ongoing	Goal 2
Erie County Juvenile Correction Center	Existing	Ongoing	Goal 2
Erie County Department of Environmental Services	Existing	Ongoing	Goal 2

Contract between Erie County and private hauler. The following material is collected: Cardboard, Paper, Metal/Aluminum, Plastic, and Glass.

Large Venue Recycling

No program available

Waste Assessments/Waste Audits

Name	Start Date	End Date	Goal
Gateway Recycling	Existing	Ongoing	Goal 2

The District will refer businesses to Gateway Recycling to preform waste assessments and waste audits to determine what type of recycling services Gateway can provide.

Contracting Assistance

Name	Start Date	End Date	Goal
Erie County SWMD	Existing	Ongoing	Goals 1,2,5

The District provides technical assistance for contracting to any commercial/ industrial and municipality within the District.

Workgroup/Roundtable

No program available

Award/Recognition

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No program available

Other Programs (list individually with a table and description)

No program available

Industrial Sector Reduction and Recycling Programs

Waste Assessments/Waste Audits

Name	Start Date	End Date	Goal
Gateway Recycling	Existing	Ongoing	Goal 5

The District will refer businesses to Gateway Recycling to preform waste assessments and waste audits to determine what type of recycling services Gateway can provide

Collection Services

Name	Start Date	End Date	Goal
Private Haulers	Existing	Ongoing	Goal 5

The District will refer industrial business to a list of haulers that provide services within the District.

Contracting Assistance

Name	Start Date	End Date	Goal
Erie County SWMD	Existing	Ongoing	Goal 5

The District provides technical assistance for contracting to any commercial/ industrial and municipality within the District.

Workgroup/Roundtable

No program available

Award/Recognition

No program available

Other Programs

No program available

Restricted/Difficult to Manage Wastes

Yard Waste

Name	Start Date	End Date	Goal
Barnes Nursery and Compost	Existing	Ongoing	Goal 6

Barnes Nursery and Compost is a facility within the District that offers an outlet for recycling yard waste. Residents can drop-off yard waste themselves during normal business hours for a fee. Municipalities can also provide a collection service to their residents for a fee.

Household Hazardous Waste

Name	Start Date	End Date	Goal
Annual Household Hazardous Waste Collection	Existing	Ongoing	Goal 6

The District holds an annual Household Hazardous Waste Collection that is open to all residents throughout the District. The collection accepts all household hazardous waste.

Scrap Tires

Name	Start Date	End Date	Goal
Landfill Collection and Recycling	Existing	Ongoing	Goal 6

The tire recycling program at the Erie County Sanitary Landfill is funded through a user fee. Below is a chart with the cost charged to residents recycling tires at the Erie County Sanitary Landfill. The program is self-sufficient with revenues and expenses nearly balancing. The Solid Waste Board has the authority to raise and/or decrease rates and subsidize as needed.

Passenger Tires- \$3.00 without rim	Passenger Tires- \$4.00 with rim
Light Truck Tires- \$5.50 without rim	Light Truck Tires- \$6.50 with rim
Semi- Truck Tires- \$16.00 without rim	Semi- Truck Tires- \$25.00 with rim
Tractor Tires- \$220.00 without rim	No rims accepted

Electronic Equipment

Name	Start Date	End Date	Goal
Private Entities	Existing	Ongoing	Goal 6

District promotes Goodwill Industries, Staples, and Best Buy's programs for electronic waste.

Lead-Acid Batteries

Name	Start Date	End Date	Goal
BGSU Firelands	Existing	Ongoing	Goal 6
Erie County Board of DD	Existing	Ongoing	Goal 6

Erie County Sewer and Water Billing Office	Existing	Ongoing	Goal 6
Erie MetroParks	Existing	Ongoing	Goal 6
Goodwill Dollar Store	Existing	Ongoing	Goal 6
Huron Ace Hardware	Existing	Ongoing	Goal 6

Lead acid batteries and yard waste are banned from disposal at the Erie County landfill, and all landfills in Ohio. Recycling opportunities are readily available at area scrapyards, automotive service businesses and the Erie County landfill for lead-acid batteries. The listed facilities above are contracted out by Erie County Solid Waste District and are open to the public.

<u>Appliances</u>

Name	Start Date	End Date	Goal
Private Scrap Yards	Existing	Ongoing	Goal 6

There are two major scrap yards within the District that will accept all appliances for recycling.

Pharmaceuticals

Name	Start Date	End Date	Goal
Erie County Health Department	Existing	Ongoing	Goal 6

The Erie County Health Department operates a drop-off bin and local police stations and Sheriff's Department for pharmaceuticals.

Others (list individually with a table and description)

No program available

Other Material Specific Programs

Food Waste

Name	Start Date	End Date	Goal
Barnes Nursery and Compost	Existing	Ongoing	Goal 6

Barnes Nursery and Compost is a facility within the District that offers an outlet for recycling food waste. Residents and businesses can drop-off food waste themselves during normal business hours for a fee. Municipalities can also provide a collection service to their residents for a fee.

Glass

	Name	Start Date	End Date	Goal
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Republic Services	Existing	Ongoing	Goal 1 and 2

Republic Services offers glass recycling to residents within the District.

Funding/Grants

Incentive Based Grants
No program available

Improvement Grants

Name	Start Date	End Date	Goal
Recycled Materials Grant	Existing	Ongoing	Goal 7 and 9

Annually the District offers a Recycled Materials Grant to encourage the purchase of recycled-content products. This grant is offered to public and private entities.

Going forward the District will be offering up to \$250,000.00 in grant money annually to public and private entities within Erie County Solid Waste District.

Other Funding/Grant Programs (list individually with a table and description)

Name	Start Date	End Date	Goal
Community Clean Up Grant	Existing	Ongoing	Goal 1, 2, 6, 7
Municipality Tire Credit	Existing	Ongoing	Goal 1, 2, 6, 7

- Community Clean up Grants- District will be offering up to \$10,000 in grant monies annually to local political subdivisions of Erie County Solid Waste District to host their own clean up and collection events.
- **Tire Credit-** \$1,000 credit for each local political subdivisions of Erie County Solid Waste District to reduce the amount of roadside tires throughout the District. Political subdivisions that wish to receive this credit must bring the collected tires to the Erie County Sanitary Landfill for recycling.

Economic Incentives

Volume-Based Billing/Pay-As-You-Throw Trash Collection Services

Name	Start Date	End Date	Goal
Private Haulers	Existing	Ongoing	Goal 7

Different haulers throughout the District offer volume bases trash collection services to residents.

<u>Financial Award Programs</u> (e.g. RecycleBank, "Get Caught Recycling") No program available

Other Economic Incentive Programs (list individually with a table and description)

No program available

Market Development Programs

Name	Start Date	End Date	Goal
Recycled Materials Grant	Existing	Ongoing	Goal 7 and 9

Annually the District offers a Recycled Materials Grant to encourage the purchase of recycled-content products. This grant is offered to public and private entities.

Going forward the District will be offering up to \$250,000.00 in grant monies annually to public and private entities within Erie County Solid Waste District.

Feasibility Studies

No program available

Facilities

Materials Recovery Facilities/Recycling Centers

No program available

<u>Landfills</u>

Name	Start Date	End Date	Goal
Erie County Sanitary Landfill	Existing	Ongoing	

Erie County Sanitary Landfill is open to all residents, businesses and municipalities throughout the District Monday- Friday 7AM-3PM and Saturday 8AM-12PM. Waste Streams- municipal solid waste, industrial solid waste, construction and demolition debris and exempt waste. Prohibited Waste- hazardous (ignitable, corrosive, reactive, TCLP toxic), polychlorinated biphenyls (PCB's), liquids, refrigerants, radioactive, blood borne pathogens, yard waste, and tires.

Flow Control- the Board of Directors of the Solid Waste Management District of Erie County Ohio passes Resolution 197-3 in 1997 implementing Flow Control for the District. The Resolution (197-3) and Flow Control Rules will remain in effect.

Closed Facility Maintenance (Closure/Post-Closure Care) During 2020, your facility should have submitted an update of its financial assurance instrument. Normally this occurs on or before the anniversary

During 2020, your facility should have submitted an update of its financial assurance instrument. Normally this occurs on or before the anniversary date of the original financial assurance instrument. This section pertains to that update.

Ohio Administrative Code Rules 3745-27-19(M)(6), 3745-29-19(M)(6), and 3745-30-14(M)(6) require the annual operating report for landfill facilities to include the most recent final closure and post-closure care cost estimates, and corrective measures cost estimates, if applicable. Complete the checklist at the bottom of this page and upload the required itemized cost estimates after saving the checklist. NOTE: Do not include the actual financial assurance instrument with this report. The original signed instrument should be sent directly to Ohio EPA's financial assurance specialist.

The rule references below summarize what information should be included in this section of the annual operational report:

Municipal solid waste landfills: OAC Rule 3745-27-19(M)(6) The most recent updated final closure cost estimate, post-closure care cost estimate, and, if applicable, corrective measures cost estimate, adjusted for inflation and for any change in final closure cost estimate, post-closure care cost estimate, or corrective measures cost estimate required by rules 3745-27-15, 3745-27-16, and 3745-27-18 of the Administrative Code.

Industrial solid waste landfills: OAC Rule 3745-29-19(M)(6) The most recent updated final closure cost estimate and post-closure care cost estimate adjusted for inflation and for any change in final closure cost estimate, post-closure care cost estimate required by rules 3745-27-15 and 3745-27-16 of the Administrative Code.

Residual solid waste landfills: OAC Rule 3745-30-14(M)(6) The most recent final closure cost estimate and post-closure care cost estimate which have been revised in accordance with paragraph (E)(14)(a) of this rule.

The checklist below is provided to help make sure you have completed the financial assurance requirements as required by OAC Rules 3745-27-15, OAC 3745-27-16, and 3745-27-18, where applicable. The checklist addresses several common errors and omissions and helps to ensure that this section is properly evaluated by Ohio EPA. Please complete the checklist and refer to the associated Notes for additional details. Once again, this list applies to the financial assurance instrument that you submitted to Ohio EPA on your instrument's anniversary date.

Transfer Facilities

No Program Available. There is not transfer facility that takes waste out of the county. Kelley's Island does have a transfer facility on the island to collect waste and transfer it to the Erie County Landfill. Kelley's Island is an island located in Lake Erie, this island is only accessible by boat, or plane. There are no bridges to this island, which is why a transfer facility is a necessity.

Composting Facilities

Name	Start Date	End Date	Goal
Barnes Nursery and Compost	Existing	Ongoing	Goal 6

Barnes Nursery and Compost is a facility within the District that offers an outlet for recycling food waste and yard waste. Residents and businesses can drop-off waste themselves during normal business hours for a fee. Municipalities can also provide a collection service to their residents for a fee.

Data Collection

No program available

Health department support (Allowable Use 3)

No program available

County Assistance

No program available

Open Dumping/Litter Enforcement

Name	Start Date	End Date	Goal
Erie County Sheriff Department	Existing	Ongoing	Goal 2 and 6

- Sheriff Litter Trailer- \$5,000 and increase 5% annually throughout the planning period per year.
 - \$5,000 for maintenance and restocking
- Sheriff Litter Aide- \$150,000 annually
 - The District provides funding to the Erie County Sheriff deputy's wages and fringes that operates the community service litter collection trailer not cover by grant fund from the Common Pleas Court. The District will also provide funding to the investigating and enforcing litter and related solid waste laws. The combined funding will be \$150,000.00 annually throughout the planning period.

Open dump/tire dump cleanup No Programs Available

Litter law enforcement (boards of health and sheriff offices) (allowable use 7)

Name	Start Date	End Date	Goal
Erie County Sheriff Department	Existing	Ongoing	Goal 2 and 6

- Sheriff Litter Trailer- \$5,000 and increase 5% annually throughout the planning period per year.
 - \$5,000 for maintenance and restocking
- Sheriff Litter Aide- \$150,000 annually
 - The District provides funding to the Erie County Sheriff deputy's wages and fringes that operates the community service litter collection trailer not cover by grant fund from the Common Pleas Court. The District will also provide funding to the investigating and enforcing litter and related solid

waste laws. The combined funding will be \$150,000.00 annually throughout the planning period.

Municipal Corporation/Township Assistance

Name	Start Date	End Date	Goal
Community Clean Up Grant	Existing	Ongoing	Goal 1, 2, 6, 7
Municipality Tire Credit	Existing	Ongoing	Goal 1, 2, 6, 7

- Community Clean up Grants- District will be offering up to \$10,000 in grant monies annually to local political subdivisions of Erie County Solid Waste District to host their own clean up and collection events.
- Tire Credit- \$1,000 credit for each local political subdivisions of Erie County Solid Waste District to reduce the amount of roadside tires throughout the District. Political subdivisions that wish to receive this credit must bring the collected tires to the Erie County Sanitary Landfill for recycling.

Disaster debris/disaster assistance

Name	Start Date	End Date	Goal
Disaster Debris Management	2022	Ongoing	Goal 2,6

Disaster Debris Management

The District has worked with Erie County Emergency Management Agency to create the Erie County Debris Management Resource Book. The information contained within this Resource Book is intended to assist local officials responsible for all or a portion of the issues relating to managing all types of waste/ debris resulting from a disaster of significant emergency. Removal, reduction, recycling, temporary sites, contracting and disposal data as well as points of contact

The Erie County Solid Waste Management District plans to allocate \$25,000.00 annually throughout the planning period for managing all types of waste/debris resulting from a disaster or significant emergency. The funding is only available after an Emergency Declaration has been made by the Board of Commissioners of Erie County where the disaster took place. The Board of Erie County Solid Waste Management District is not required to call a special session of the Board to activate funding.

Closed Facility Maintenance/Post-Closure Care

SCHEDULE A 2020 COST ESTIMATE - 30-YEAR POST-CLOSURE ERIE COUNTY LANDFILL CLOSED LANDFILL

SURFACE WATER DRAINAGE SYSTEM

DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	COST	
maintenance	yr	1	\$ 2,500.00	\$	2,500.00
			SUBTOTAL	\$	2,500.00

LEACHATE TESTING AND DISPOSAL

DESCRIPTION	UNIT	QUANTITY	UNIT	PRICE	COST	
removal, treatment, and disposal	gal	250,000	\$	0.05	\$	12,500.00
annual sample	yr	3	\$	1,750.00	\$	5,250.00
				SUBTOTAL	\$	17,750.00

EXPLOSIVE GAS MONITORING SYSTEM

DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	COST	
annual maintenance	yr	1	\$ 1,000.00	\$	1,000.00
			SUBTOTAL	\$	1,000.00

GROUNDWATER MONITORING SYSTEM (5 WELLS)

DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	COST	
semi-annual sampling	1 yr	10	\$ 1,750.00	\$	17,500.00
			SUBTOTAL	\$	17,500.00

FINAL CAP

DESCRIPTION	UNIT	QUANTITY	UNIT	PRICE	COST	
mowing	yr	1	\$	5,000.00	\$	5,000.00
maintenance and repair	ýr	1	\$	5,000.00	\$	5,000.00
				SUBTOTAL	\$	10,000.00

SURFACE WATER DRAINAGE SYSTEM

DESCRIPTION	UNIT	QUANTITY	UNIT	PRICE	COST	
quarterly inspection and report	qtr	4	\$	2,000.00	\$	8,000.00
-				SUBTOTAL	\$	8.000.00

ANNUAL COSTS FOR 30-YEAR	\$	56,750.00	
1995-2002 INFLATION FACTOR	(@ 2.0% FOR 8 YEARS)	X	1.17166
(CONSTANT INFLATION FACTO	R OF 2.0% / YEAR		
2003 INFLATION FACTOR	1.10%	X	1.0110
2004 INFLATION FACTOR	1.60%	X	1.0160
2005 INFLATION FACTOR	2.10%	X	1.0210
2006 INFLATION FACTOR	2.70%	X	1.0270
2007 INFLATION FACTOR	2.90%	X	1.0290
2008 INFLATION FACTOR	2.66%	X	1.0266
2009 INFLATION FACTOR	2.11%	X	1.0211
2010 INFLATION FACTOR	1.18%	X	1.0118
2011 INFLATION FACTOR	0.90%	X	1.0090
2012 INFLATION FACTOR	2.10%	X	1.0210
2013 INFLATION FACTOR	1.70%	X	1.0170
2014 INFLATION FACTOR	1.40%	X	1.0140
2015 INFLATION FACTOR	1.40%	X	1.0140
2016 INFLATION FACTOR	1.00%	X	1.0100
2017 INFLATION FACTOR	1.30%	X	1.0130
2018 INFLATION FACTOR	1.80%	X	1.0180
2019 INFLATION FACTOR	2.20%	X	1.0220
2020 INFLATION FACTOR	1.70%	X	1.0170
ESTIMATED SUM OF COSTS FO	OR 30-YEARS POST-CLOSURE =	\$	2,734,472.60
ESTIMATED SUM OF COSTS FO	\$	455,745.43	
POST CLOSURE (WHICH BEGA	N IN 1995)		

Civil Environmental Consultants, Inc. CEC Project 180-928

March 2021

Facility Ownership/Operations No program available

Waste-to-energy projects

No program available

APPENDIX J REFERENCE YEAR OPPORTUNITY TO RECYCLE AND DEMONSTRATION OF ACHIEVING GOAL 1

A. Residential Sector Opportunity to Recycle

Note: table on next page

Table J-1	Demonstration of Residential Opportunity to Recycle
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ID#	Erie County	2019	, ,
	Name of Community (City, Village, Township)	Community Population	Population Credit
Non-su	bscription curbside		
NC1	Berlin Village	713	713
NC2	Huron City	6869	6869
Subscr	ription curbside		
SC1	Bay View Village	602	0
SC2	Berlin Township	2933	169
SC3	Castalia Village	815	163
SC4	Sandusky City	24564	1447
SC5	Florence Township	2364	0
SC6	Groton Township	1367	240
SC7	Margaretta Township	4389	163
SC8	Milan Township	2535	310
SC9	Milan Village	984	0
SC10	Oxford Township	1182	0
SC11	Perkins Township	11678	0
SC12	Vermilion Township	4763	36
SC13	Huron Township	3609	0
Full-tim	ne, urban drop-off		
FTU2	Sandusky (Service Center)	24564	5000
FTU3	Sandusky Steel	24564	5000
Part-tin	ne, urban drop-off		
FTR3	Margaretta Township	4389	2500
FTR1	Erie County Landfill	2535	2500
FTR2	Groton Township	1367	2500

Appendix J Reference Year Opportunity to Recycle and Demonstation of Achieving Goal 1

Full-time, rural drop-off										
Part-time, rural drop-off										
			_							
Mixed municipal waste mate	rial recovery	facility								
	11678									
Total County Population	69,678									
Total Population Credit	27,610	27,610								
Percent of Population	40%	40%								

During the 2019 Reference year the District did not achieve Goal #1. Going forward the District will be opting to achieve Goal #2 instead of Goal #1.

Table J-2 Population Credit for Drop-offs Evaluated Using the Weight of Material Collected Method

N/A
Sample Calculations:
Sources of Information:
Assumptions:
The District did not use this method.
Table J-3 Population Credit for Drop-offs Evaluated Using the Survey Method
N/A
Sample Calculations:
Sources of Information:
Assumptions:
The District did not use this method

Table J-4 Demonstration of Commercial Opportunity to Recycle

The District is choosing to opt out of achieving Goal #1 and instead will be opting into Goal #2.

C. Demonstration of Meeting Other Requirements for Achieving Goal 1

- 1. Residential/Commercial Waste Reduction and Recycling Rate
- 2. Industrial Waste Reduction and Recycling Rate
- 3. Encouraging Participation

The District is choosing to opt out of achieving Goal #1 and instead will be opting into Goal #2.

Appendix J	Reference Year Opportunity to Recycle and Demonstation of Achieving Goal 1

APPENDIX K WASTE REDUCTION AND RECYCLING RATES AND DEMONSTRATION OF ACHIEVING GOAL 2

Table K-1 Annual Rate of Waste Reduction: Residential/Commercial Solid Waste

Year	Population	Recycl ed	Dispos ed	Total Generate d	Waste Reduction & Recycling Rate (%)	Per Capita Waste Reduction & Recycling Rate (ppd)
2019	68,746	19,487	58,199	77,686	25.08%	1.55
2020	68,312	26,528	58,668	85,196	31.14%	2.13
2021	70,333	27,059	70,195	97,254	27.82%	2.11
2022	72,355	27,600	70,195	97,795	28.22%	2.09
2023	74,378	28,152	70,195	98,347	28.63%	2.07
2024	76,402	28,715	70,195	98,910	29.03%	2.06
2025	65,762	29,289	67,575	96,864	30.24%	2.44
2026	67,788	29,875	67,575	97,450	30.66%	2.41
2027	69,815	30,472	67,575	98,047	31.08%	2.39
2028	71,843	31,082	67,575	98,657	31.51%	2.37
2029	73,872	31,704	67,575	99,279	31.93%	2.35
2030	63,152	32,338	64,893	97,231	33.26%	2.81
2031	65,183	32,984	64,893	97,877	33.70%	2.77
2032	67,215	33,644	64,893	98,537	34.14%	2.74
2033	69,248	34,317	64,893	99,210	34.59%	2.72
2034	71,282	35,003	64,893	99,896	35.04%	2.69
2035	60,322	35,703	61,985	97,688	36.55%	3.24
2036	64,388	36,417	66,163	102,580	35.50%	3.10
2037	63,866	37,146	65,626	102,772	36.14%	3.19

Sample Calculations: 2% increase for recycling throughout the planning period.

Assumptions: The District met Goal #2 in the 2019 Reference year and the projections show that the

District should meet Goal #2 throughout the planning period.

Table K-2 Annual Rate of Waste Reduction: Industrial Solid Waste

Year	Waste Reduced and Recycled (tons)	Waste Disposed (tons)	Non-Recyable Waste	Waste Generated (tons)	Waste Reduction and Recycling Rate (percent)
2019	30,162	13,025		43,186	69.84%
2020	30,765	9,955		40,720	75.55%
2021	31,380	11,319		42,699	73.49%
2022	32,008	11,407		43,415	73.73%
2023	32,648	11,495		44,143	73.96%
2024	33,301	11,584		44,885	74.19%
2025	33,967	11,674		45,641	74.42%
2026	34,646	11,765		46,411	74.65%
2027	35,339	11,856		47,195	74.88%
2028	36,046	11,948		47,994	75.11%
2029	36,767	12,040		48,807	75.33%
2030	37,502	12,134		49,636	75.55%
2031	38,252	12,228		50,480	75.78%
2032	39,017	12,323		51,340	76.00%
2033	39,798	12,418		52,216	76.22%
2034	40,594	12,514		53,108	76.44%
2035	41,406	12,611		54,017	76.65%
2036	42,234	12,709		54,943	76.87%
2037	43,078	12,808		55,886	77.08%

Year	Waste Reduced and Recycled (tons)	Waste Disposed (tons)	Non-Recyable Waste	Waste Generated (tons)	Waste Reduction and Recycling Rate (percent)
2019	30,162	13,025		43,186	69.84%
2020	30,765	9,955		40,720	75.55%
2021	31,380	11,319		42,699	73.49%
2022	32,008	11,407		43,415	73.73%
2023	32,648	11,495		44,143	73.96%
2024	33,301	11,584		44,885	74.19%
2025	33,967	11,674		45,641	74.42%
2026	34,646	11,765		46,411	74.65%
2027	35,339	11,856		47,195	74.88%
2028	36,046	11,948		47,994	75.11%
2029	36,767	12,040		48,807	75.33%
2030	37,502	12,134		49,636	75.55%

Appendix K Waste Reduction Rates and Demonstration of Achieving Goal 2

2031	38,252	12,228	50,480	75.78%
2032	39,017	12,323	51,340	76.00%
2033	39,798	12,418	52,216	76.22%
2034	40,594	12,514	53,108	76.44%
2035	41,406	12,611	54,017	76.65%
2036	42,234	12,709	54,943	76.87%
2037	43,078	12,808	 55,886	77.08%

Sources of Information: https://www.census.gov/programs-surveys/popest/technical-documentation/methodology.html

Sample Calculations: 2% increase for recycling throughout the planning period.

Assumptions: The District met Goal #2 in the 2019 Reference year and the projections show that the

District should meet Goal #2 throughout the planning period.

Table K-3 Annual Rate of Waste Reduction: Total Solid Waste

Year	Waste Reduced and Recycled (tons)	Waste Disposed (tons)	Waste Generated (tons)	Waste Reduction and Recycling Rate (percent)
2019	49,649	71,223	120,872	41.08%
2020	57,293	68,623	125,916	45.50%
2021	58,439	81,514	139,953	41.76%
2022	59,608	81,602	141,210	42.21%
2023	60,800	81,690	142,490	42.67%
2024	62,016	81,779	143,795	43.13%
2025	63,256	79,249	142,505	44.39%
2026	64,521	79,340	143,861	44.85%
2027	65,812	79,431	145,243	45.31%
2028	67,128	79,523	146,651	45.77%
2029	68,470	79,615	148,085	46.24%
2030	69,840	77,027	146,867	47.55%
2031	71,237	77,121	148,358	48.02%
2032	72,661	77,216	149,877	48.48%
2033	74,115	77,311	151,426	48.94%
2034	75,597	77,407	153,004	49.41%
2035	77,109	74,596	151,705	50.83%
2036	78,651	78,872	157,523	49.93%
2037	80,224	78,434	158,658	50.56%

Year	Waste Reduced and Recycled (tons)	Waste Disposed (tons)	Waste Generated (tons)	Waste Reduction and Recycling Rate (percent)
2019	49,649	71,223	120,872	41.08%
2020	57,293	68,623	125,916	45.50%
2021	58,439	81,514	139,953	41.76%
2022	59,608	81,602	141,210	42.21%
2023	60,800	81,690	142,490	42.67%
2024	62,016	81,779	143,795	43.13%
2025	63,256	79,249	142,505	44.39%
2026	64,521	79,340	143,861	44.85%
2027	65,812	79,431	145,243	45.31%
2028	67,128	79,523	146,651	45.77%
2029	68,470	79,615	148,085	46.24%
2030	69,840	77,027	146,867	47.55%
2031	71,237	77,121	148,358	48.02%
2032	72,661	77,216	149,877	48.48%
2033	74,115	77,311	151,426	48.94%
2034	75,597	77,407	153,004	49.41%
2035	77,109	74,596	151,705	50.83%
2036	78,651	78,872	157,523	49.93%
2037	80,224	78,434	158,658	50.56%

Sources of Information: https://www.census.gov/programs-surveys/popest/technical-documentation/methodology.html

Sample Calculations: 2% increase for recycling throughout the planning period.

Assumptions: The District met Goal #2 in the 2019 Reference year and the projections show that the

District should meet Goal #2 throughout the planning period.

In the 2019 Reference Year the District met the requirements of Goal #2 by achieving at 25% reduction and recycling rate for residential/commercial sector.

Year	Population	Recycled	Disposed	Total Generated	Waste Reduction & Recycling Rate (%)
2019	68,746	19,487	58,199	77,686	25.08%

Appendix K Waste Reduction Rates and Demonstration of Achieving Goal 2

For the planning period the District would like to opt in to achieving goal #2 vs. goal #1. The rate of 25% has been consistent over the last serval years.

APPENDIX L MINIMUM REQUIRED EDUCATION PROGRAMS: OUTREACH AND MARKETING PLAN AND GENERAL EDUCATION REQUIREMENTS

A. Minimum Required Education Programs

Web Page

Name	Start Date	End Date	Goal
Solid Waste District / Recycling (oh.gov)	Existing	Ongoing	3

The District currently maintains its website with information on recycling rules, where to recycle, reducing and reusing information, contact information, and events.

<u>Infrastructure Inventory</u>

Name	Start Date	End Date	Goal
Solid Waste District / Recycling (oh.gov)	Existing	Ongoing	3

On the Districts website the following information is listed: landfill facilities and contacts, trash/curbside recycling options and contacts, yard/composting facility contacts, drop-off recycling locations.

Resource Guide

Name	Start Date	End Date	Goal
https://filecabinet9.eschoolview.com/48D1DF08-A331-	Existing	Ongoing	3
4FC0-B509-BA6699BFA512/9e17ad2a-a751-4483-			
b575-d8c88b27168c.pdf			

Our comprehensive resource guide is on our website, it is also at our office, distributed to entities that would like to provide this information (libraries, schools, government buildings, etc.) Our resource guide is a compilation of outlets for recycling hazardous waste, propane tanks, pharmaceutical drugs, bulbs, plastic bags, etc.

Speaker/Presenter

Name	Start Date	End Date	Goal
District Coordinator	Existing	Ongoing	3

The District Coordinator is available to speak at events within the District on a variety of topics including: rules of recycling, where to recycle, impact of recycling, litter awareness, etc. The District Coordinator is available to speak at all type of events including: festivals, libraries, club meetings, church meetings, classrooms, etc.

B. Outreach and Marketing Plan

Residential Sector

Name	Start Date	End Date	Goal
Curbside Recycling Information	Existing	Ongoing	4
Drop- Off Locations	Existing	Ongoing	4
Community Clean Up Grants	Existing	Ongoing	4
Battery Recycling Program	Existing	Ongoing	4
Compost Facility Information	Existing	Ongoing	4
Household Hazards Waste Annual Collection	Existing	Ongoing	4
Programs/ Events/ Speakers/ Workshops	Existing	Ongoing	4
Green BEAN	Existing	Ongoing	4
Advertising	Existing	Ongoing	4
Flyers	Existing	Ongoing	4
Social Media/ Website	Existing	Ongoing	4
Tire Collection	Existing	Ongoing	4
Technical Assistance	Existing	Ongoing	4
Electronics Recycling Outlets	Existing	Ongoing	4
Community Outreach	Existing	Ongoing	4

Curbside Recycling Information- Information is provided to District residents on private haulers that provide recycling services and how/what they can recycle.

Drop- Off Locations- The District provides three District operated recycling drop-off locations, open to all residents. The District shares information on other government and private operated drop-off recycling locations.

Community Clean Up Grants- Up to \$10,000 in grant monies annually to local political subdivisions of Erie County Solid Waste District (\$160,000.00 total). This grant will allow municipalities to host their own clean up events. This will be a continuing program from previous planning period, with an increased funds.

Battery Recycling Program- Battery program to pay a contractor to pick up designated sites throughout Erie County on a regular basis. Residents can drop-off batteries at designated sites.

Compost Facility Information- Information is provided to District residents on yard waste and composting facilities within the District.

Household Hazards Waste Annual Collection- at least one annual collection per year for residents to dispose of HHW at no cost.

Programs/ Events/ Speakers/ Workshops- Throughout the year the District will speak at requested events, and will share or partner with local entities to provide workshops.

Green BEAN- Available to rent out for free to host own litter collection events.

Advertising- Up to \$75,000 annually throughout the planning period to have consistent messaging on recycling rules.

Flyers- Flyers on recycling rules are handed out at events and are also free to take at all recycling locations operated by the District.

Social Media/ Website- The District promotes recycling locations, rules and events.

Technical Assistance- Most technical assistance is provided through our websites. On there, residents are able to find businesses that take specific items. Our phone system is also valuable to providing technical assistance. All phone messages are returned and we are able to help residents with questions/issues. Social Media is another great outlet where we can connect with people and try to engage the technology focused audience. We have also implemented new signage and brochures for our residents at all drop-off locations to help with the rules of recycling.

Tire Collection-The tire recycling program at the Erie County Sanitary Landfill is funded through a user fee. Below is a chart with the cost charged to residents recycling tires at the Erie County Sanitary Landfill. The program is self-supporting with revenues and expenses nearly balancing

Electronics Recycling Outlets- District promotes Goodwill Industries, Staples, and Best Buy's programs for electronic waste

Community outreach- The District reaches out to municipalities within the District to inquire about interest in starting recycling programs for both drop-off and curbside. The District attends municipality meetings throughout the year as well as a great open line of communication through email, phone and mail. Due to the main concern of the municipalities being the cost of a recycling program the District reaches out to haulers outside the district to inquire about any interest they might have in bringing their business to the District. The District will continue to encourage other recycling haulers to bring business to the area to provide options and completion to help bring cost down and make programs more affordable.

Commercial/Institutional Sector

Name	Start Date	End Date	Goal
Curbside Recycling Information	Existing	Ongoing	4
Compost Facility Information	Existing	Ongoing	4
Programs/ Events/ Speakers/ Workshops	Existing	Ongoing	4
Green BEAN	Existing	Ongoing	4
Advertising	Existing	Ongoing	4
Flyers	Existing	Ongoing	4
Social Media/ Website	Existing	Ongoing	4
Tire Collection	Existing	Ongoing	4
Electronics Recycling Outlets	Existing	Ongoing	4
Recycled Materials Grant	Existing	Ongoing	4
Technical Assistance	Existing	Ongoing	4
Waste Audits	Existing	Ongoing	4
Business Outreach	Existing	Ongoing	4
Revolving Loan Fund	2023		4

Curbside Recycling Information- Information is provided to District residents on private haulers that provide recycling services and how/what they can recycle.

Compost Facility Information- Information is provided to District residents on yard waste and composting facilities within the District.

Programs/ Events/ Speakers/ Workshops- Throughout the year the District will speak at requested events, and will share or partner with local entities to provide workshops.

Green BEAN- Available to rent out for free to host own litter collection events.

Advertising- Up to \$75,000 annually throughout the planning period to have consistent messaging on recycling rules.

Flyers- Flyers on recycling rules are handed out at events and are also free to take at all recycling locations operated by the District.

Social Media/ Website- The District promotes recycling locations, rules and events.

Recycled Materials Grant- Up to \$250,000 annually to encourage the purchase of recycled-content products. This grant is offered to public and private entities. The Board has the right to increase amount if they see a need.

Revolving Loan Fund- Up to \$75,000 annually for businesses wishing to start at a recycling program.

Technical Assistance-- the District is available to help with hauler concerns and questions on how things may be recycled or disposed of. The websites is available to see what other businesses are doing locally. Waste audits are sent out annually by the District.

Tire Collection-The tire recycling program at the Erie County Sanitary Landfill is funded through a user fee. Below is a chart with the cost charged to residents recycling tires at the Erie County Sanitary Landfill. The program is self-supporting with revenues and expenses nearly balancing

Electronics Recycling Outlets- District promotes Goodwill Industries, Staples, and Best Buy's programs for electronic waste

Waste audits- the District has partnered with Gateway Recycling to preform waste audits to business that have inquired through our website, email or phone. The District also uses the Annual District Survey to inquire about any interest in waste audits. Businesses that indicate that they are not interested in a waste audit still receive a phone call to explain the benefits.

Business outreach- The District reaches out to businesses within the District to inquire about any interest in starting a recycling program, or if they would be interested in a waste audit. The District also reaches out to businesses with ongoing recycling programs to see if they need any assistance with messaging, or contamination concerns. The District provides resources where needed to help programs be successful.

Industrial Sector

Name	Start Date	End Date	Goal
Curbside Recycling Information	Existing	Ongoing	4
Compost Facility Information	Existing	Ongoing	4
Programs/ Events/ Speakers/ Workshops	Existing	Ongoing	4
Green BEAN	Existing	Ongoing	4
Advertising	Existing	Ongoing	4
Flyers	Existing	Ongoing	4
Social Media/ Website	Existing	Ongoing	4
Tire Collection	Existing	Ongoing	4
Electronics Recycling Outlets	Existing	Ongoing	4
Recycled Materials Grant	Existing	Ongoing	4
Technical Assistance	Existing	Ongoing	4
Waste Audits	Existing	Ongoing	4
Business Outreach	Existing	Ongoing	4
Revolving Loan Fund	2023		4

Curbside Recycling Information- Information is provided to District residents on private haulers that provide recycling services and how/what they can recycle.

Compost Facility Information- Information is provided to District residents on yard waste and composting facilities within the District.

Programs/ Events/ Speakers/ Workshops- Throughout the year the District will speak at requested events, and will share or partner with local entities to provide workshops.

Green BEAN- Available to rent out for free to host own litter collection events.

Advertising- Up to \$75,000 annually throughout the planning period to have consistent messaging on recycling rules.

Flyers - Flyers on recycling rules are handed out at events and are also free to take at all recycling locations operated by the District.

Social Media/ Website- The District promotes recycling locations, rules and events.

Recycled Materials Grant- Up to \$250,000 annually to encourage the purchase of recycled-content products. This grant is offered to public and private entities. The Board has the right to increase amount if they see a need.

Revolving Loan Fund- Up to \$75,000 annually for businesses wishing to start at a recycling program.

Technical Assistance-- the District is available to help with hauler concerns and questions on how things may be recycled or disposed of. The websites is available to see what other businesses are doing locally. Waste audits are sent out annually by the District.

Tire Collection-The tire recycling program at the Erie County Sanitary Landfill is funded through a user fee. Below is a chart with the cost charged to residents recycling tires at the Erie County Sanitary Landfill. The program is self-supporting with revenues and expenses nearly balancing

Electronics Recycling Outlets- District promotes Goodwill Industries, Staples, and Best Buy's programs for electronic waste

Waste audits- the District has partnered with Gateway Recycling to preform waste audits to business that have inquired through our website, email or phone. The District also uses the Annual District Survey to inquire about any interest in waste audits. Businesses that indicate that they are not interested in a waste audit still receive a phone call to explain the benefits.

Business outreach- The District reaches out to businesses within the District to inquire about any interest in starting a recycling program, or if they would be interested in a waste audit. The District also reaches out to businesses with ongoing recycling programs to see if they need any assistance with messaging, or contamination concerns. The District provides resources where needed to help programs be successful.

Political Leaders

Name	Start Date	End Date	Goal
Curbside Recycling Information	Existing	Ongoing	4
Compost Facility Information	Existing	Ongoing	4
Programs/ Events/ Speakers/ Workshops	Existing	Ongoing	4
Green BEAN	Existing	Ongoing	4
Advertising	Existing	Ongoing	4
Flyers	Existing	Ongoing	4
Social Media/ Website	Existing	Ongoing	4
Tire Collection	Existing	Ongoing	4
Electronics Recycling Outlets	Existing	Ongoing	4
Recycled Materials Grant	Existing	Ongoing	4
Technical Assistance	Existing	Ongoing	4
Community Outreach	Existing	Ongoing	4

Curbside Recycling Information- Information is provided to District residents on private haulers that provide recycling services and how/what they can recycle.

Compost Facility Information- Information is provided to District residents on yard waste and composting facilities within the District.

Household Hazards Waste Annual Collection- At least one annual collection per year for residents to dispose of HHW at no cost.

Programs/ Events/ Speakers/ Workshops- Throughout the year the District will speak at requested events, and will share or partner with local entities to provide workshops.

Green BEAN- Available to rent out for free to host own litter collection events.

Advertising- Up to \$75,000 annually throughout the planning period to have consistent messaging on recycling rules.

Flyers- Flyers on recycling rules are handed out at events and are also free to take at all recycling locations operated by the District.

Social Media/ Website- The District promotes recycling locations, rules and events.

Recycled Materials Grant- Up to \$250,000 annually to encourage the purchase of recycled-content products. This grant is offered to public and private entities. The Board has the right to increase amount if they see a need.

Technical Assistance-- the District is available to help with hauler concerns and questions on how things may be recycled or disposed of. The websites is available to see what other businesses are doing locally. Waste audits are sent out annually by the District.

Tire Collection-The tire recycling program at the Erie County Sanitary Landfill is funded through a user fee. Below is a chart with the cost charged to residents recycling tires at the Erie County Sanitary Landfill. The program is self-supporting with revenues and expenses nearly balancing

Electronics Recycling Outlets- District promotes Goodwill Industries, Staples, and Best Buy's programs for electronic waste

Community outreach- The District reaches out to municipalities within the District to inquire about interest in starting recycling programs for both drop-off and curbside. The District attends municipality meetings throughout the year as well as a great open line of communication through email, phone and mail. Due to the main concern of the municipalities being the cost of a recycling program the District reaches out to haulers outside the district to inquire about any interest they might have in bringing their business to the District. The District will continue to encourage other recycling haulers to bring business to the area to provide options and completion to help bring cost down and make programs more affordable.

Schools

Name	Start Date	End Date	Goal
Curbside Recycling Information	Existing	Ongoing	4
Compost Facility Information	Existing	Ongoing	4
Programs/ Events/ Speakers/ Workshops	Existing	Ongoing	4
Green BEAN	Existing	Ongoing	4
Advertising	Existing	Ongoing	4
Flyers	Existing	Ongoing	4
Social Media/ Website	Existing	Ongoing	4
Tire Collection	Existing	Ongoing	4
Electronics Recycling Outlets	Existing	Ongoing	4
Recycled Materials Grant	Existing	Ongoing	4
Technical Assistance	Existing	Ongoing	4
Educational Outreach	Existing	Ongoing	4
Revolving Loan Fund	2023		4

Curbside Recycling Information- Information is provided to District residents on private haulers that provide recycling services and how/what they can recycle.

Compost Facility Information- Information is provided to District residents on yard waste and composting facilities within the District.

Programs/ Events/ Speakers/ Workshops- Throughout the year the District will speak at requested events, and will share or partner with local entities to provide workshops.

Green BEAN- Available to rent out for free to host own litter collection events.

Advertising- Up to \$75,000 annually throughout the planning period to have consistent messaging on recycling rules.

Flyers- Flyers on recycling rules are handed out at events and are also free to take at all recycling locations operated by the District.

Social Media/ Website- The District promotes recycling locations, rules and events.

Recycled Materials Grant- Up to \$250,000 annually to encourage the purchase of recycled-content products. This grant is offered to public and private entities. The Board has the right to increase amount if they see a need.

Revolving Loan Fund- Up to \$75,000 annually for businesses wishing to start at a recycling program.

Technical Assistance-- the District is available to help with hauler concerns and questions on how things may be recycled or disposed of. The websites is available to see what other businesses are doing locally. Waste audits are sent out annually by the District.

Tire Collection-The tire recycling program at the Erie County Sanitary Landfill is funded through a user fee. Below is a chart with the cost charged to residents recycling tires at the Erie County Sanitary Landfill. The program is self-supporting with revenues and expenses nearly balancing

Electronics Recycling Outlets- District promotes Goodwill Industries, Staples, and Best Buy's programs for electronic waste

Education Outreach- The District does school visits and outreach programs to all schools throughout the District whether the school has a recycling program or not. Some students in the school might not have recycling at school, but do at home and vice versa. The District has a wide range of topics that the school can pick from to discuss. One of the popular topics is how to pack a waste free lunch. This topic focuses on what we can do to reuse and reduce our waste and recycling is the last step. The District also continues to reach out to schools annually to gage interest in starting recycling programs. The major concern schools face is the cost. The District continues to try to find ways to reduce the cost by trying to bring more recycling haulers into the District.

C. Outreach Priority

Name	Start Date	End Date	Goal
Advertising Campaign	Existing	Ongoing	4

The District will continue to campaign to reduce contamination in materials collected through curbside and drop-off recycling programs. The District will use clear messaging with examples of what can and cannot be recycled. The District will promote recycling rules "items must be dry, clean and empty", "items cannot be bagged, boxed or bundled". The District will keep data on contamination fees charged (drop-offs) in each quarter throughout the planning period and analyze this data determine if advertisements are having impact on contamination. The District will also be reaching out to Republic Services to see if they are willing to provide their data as a resource for the District to use to determine the success of this campaign.

APPENDIX M WASTE MANAGEMENT CAPACITY ANALYSIS

A. Access to Publicly Available Landfill Facilities

Table M-1 Remaining Operating Life of Publicly Available Landfills

Facility	Location	Years of Remaining Capacity	Status (enter no change, planned expansion, pending expansion, or closing)	Applicable Dates
Erie County Sanitary Landfill	Erie County	49	No change	Current
Crawford County Landfill	Crawford County	22	Unknown	Unknown
Port Clinton Landfill	Ottawa County	83	Unknown	Unknown
Noble Road Landfill	Richland County	20	Unknown	Unknown
Sunny Farms Landfill	Seneca County	8	Unknown	Unknown
American Landfill	Stark County	70	Unknown	Unknown
Evergreen Recycling	Wood County	38	Unknown	Unknown

Appendix M Waste Management Capacity Analysis

and Disposal				
Wood	Wood County	Unknown	Unknown	Unknown
County				
Landfill				

Source(s) of Information: Information for table M-1 was supplied by Ohio EPA.

Sample Calculations: N/A

Assumptions: N/A

The District will have adequate available capacity at Erie County Landfill.

B. Access to Captive Landfill Facilities

Table M-3 Remaining Operating Life of Privately Available Landfills

N/A- No privately operated landfills within the District.

C. Incinerators and Energy Recovery Facilities

N/A- No incinerators and energy recovery facilities within the District.

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APPENDIX N EVALUATING GREENHOUSE GAS EMISSIONS

GHG Emissions Analysis -- Summary Report

Version 15

GHG Emissions Waste Management Analysis for

Prepared by:

Project Period for this Analysis: 01/00/00 to 01/00/00

Note: If you wish to save these results, rename this file (e.g., WAFIM-NINI) and save it. Then the "Analysis Inputs" sheet of the "WAFIM" file will be blank when you are ready to make another model run.

GHG Emissions from Baseline Waste Management (MTCO₂E):

524.56

Material	Tons Recycled	Tons Landfilled	Tons Combusted	Tons Composted	Tons Anaerobically Digested	Total MTCO₂E
Corrugated Containers	-	1,704.99	-	NA	NA	309.68
Mixed Paper (general)	-	134.18	-	NA	NA	10.02
Mixed Plastics	-	36.33	-	NA	NA	0.74
Aluminum Cans	-	6,506.10	-	NA	NA	131.78
Mixed Metals	-	3.08	-	NA	NA	0.06
Tires	-	941.85	-	NA	NA	19.08
Mixed Recyclables	-	1,556.33	-	NA	NA	53.20

GHG Emissions from Alternative Waste Management Scenario (MTCO2E):

(70,047.31)

Material	Tons Source Reduced	Tons Recycled	Tons Landfilled	Tons Combusted	Tons Composted	Tons Anaerobically Digested	Total MTCO₂E
Corrugated Containers	-	1,704.99	-	-	NA	NA	(5,345.72)
Mixed Paper (general)	-	134.18	-	-	NA	NA	(475.74)
Mixed Plastics	-	36.33	-	-	NA	NA	(33.62)
Aluminum Cans	-	6,506.10	-	-	NA	NA	(59,383.64)
Mixed Metals	-	3.08	-	-	NA	NA	(13.52)
Tires	-	941.85	-	-	NA	NA	(354.42)
Mixed Recyclables	NA	1,556.33	-	-	NA	NA	(4,440.65)

Change (Alt - Base) MTCO₂E (5,655.40) (485.76) (34.36) (59,515.41) (13.59) (373.50)

Total Change in GHG Emissions (MTCO₂E):

(70,571.87)

This is equivalent to		
Removing annual emissions from	14,983	Passenger Vehicles
Conserving	7,941,023	Gallons of Gasoline
Conserving	2,940,495	Cylinders of Propane Used for Home Barbeques
	0.00396%	Annual CO ₂ emissions from the U.S. transportation sector
	0.00390%	Annual CO ₂ emissions from the U.S. electricity sector

APPENDIX O FINANCIAL PLAN

The budget tables prepared for this Plan demonstrate that the District has the financial funding throughout the planning period to implement the planned programs and initiatives. Nothing contained in these budget projections should be construed as a binding commitment by the District to spend a specific amount of money on a particular strategy, facility, program and/or activity. The Board, will review and revise the budget as needed to implement the planned strategies, facilities, programs and/or activities as effectively as possible with the funds available. Revenues, not otherwise committed to an existing strategy, facility, program or activity may be used to increase funding to improve the effectiveness of an existing strategy, facility, program or activity and to provide funding for a new strategy, facility, program or activity. The District reserves the right to revise the budget and reallocate funds as programs change or when otherwise determined to be in the best interest of the District. If the budget in this Plan is effected to the point that it must be revised, the District will first determine if a material change in circumstance has occurred. If a material change in circumstance has not occurred but budget revisions are needed that go beyond normal adjustments, the District may revise the budget per ORC Section 3734.56(E) and follow the appropriate ratification requirements to finalize the budget revisions. The District is committed to implementing planned strategies, facilities, programs and/or activities in a cost-effective manner. The District is committed to improving the effectiveness and reduce the cost of all District strategies, facilities, programs and activities. The District Board is authorized to expand District funds among other uses included in the Plan when costs are reduced. Additionally, the Board is authorized to use reduced costs to provide grant funds or direct funding to evaluate, test and/or implement new strategies, facilities, programs and activities that are in compliance with this Plan are not a "material change in circumstance" regarding the implementation of this Plan Update.

A. Funding Mechanisms and Revenue Generated

1. Disposal Fee- N/A

Table O-1 Disposal Fee Schedule and Revenue (in accordance with ORC Section 3734.57(B)) N/A

2. .Generation Fee

Table O-2 Generation Fee Schedule and Revenue

Year	Generation Fee Schedule (\$ per ton)	Total Revenue from Generation Fee (\$)
2015	\$6.00	\$512,878
2016	\$6.00	\$604,857
2017	\$6.00	\$479,841
2018	\$6.00	\$615,262
2019	\$6.00	\$462,404
2020	\$6.00	\$462,404
2021	\$6.00	\$462,404
2022	\$6.00	\$462,404
2023	\$6.00	\$462,404
2024	\$6.00	\$462,404
2025	\$6.00	\$462,404
2026	\$6.00	\$462,404
2027	\$6.00	\$462,404
2028	\$6.00	\$462,404
2029	\$6.00	\$462,404
2030	\$6.00	\$462,404
2031	\$6.00	\$462,404
2032	\$6.00	\$462,404
2033	\$6.00	\$462,404
2034	\$6.00	\$462,404
2035	\$6.00	\$462,404
2036	\$6.00	\$462,404
2037	\$6.00	\$462,404

Historical Revenue Analysis (Revenue \$)										
Average revenue received		change in	Perce Char Rev	nual entage nge in enue eived	Average percentage change in revenue received					
(\$)	Year	Revenue	Year	%	%					
	2015		2015							
	2016	\$91,979	2016	18%						
	2017	- \$125,016	2017	-21%						
	2018	\$135,421	2018	28%						
\$535,049	2019	- \$152,858	2019	-25%	0%					

Source(s) of Information: Quarterly Fee Reports

Sample Calculations: Ohio EPA Formula.

Assumptions:

Revenue has been consistent throughout the years. The Solid Waste District will be increasing some expenses throughout the planning period to use up some of the savings it has acquired throughout the years.

3. Designation Fees

Table O-3 Designation Fee Schedule and Revenue $N\!/\!A$

4. Debt/Loans

Table O-4 - Loans

N/A

5. Other Sources of District Revenue

Table O-5 Other Sources of Revenue

Year	User Fee	Reimbursements	Enter Revenue Source C	Enter Revenue Source D	Enter Revenue Source E	Total Other Revenue
2015	\$4,000	\$611				\$4,611
2016	\$871	\$0				\$871
2017	\$986	\$650				\$1,636
2018	\$1,723	\$1,060				\$2,783
2019	\$6,447	\$775				\$7,222
2020	\$6,640	\$791				\$7,431
2021	\$6,840	\$806				\$7,646
2022	\$7,045	\$822				\$7,867
2023	\$7,256	\$839				\$8,095
2024	\$7,474	\$856				\$8,330
2025	\$7,698	\$873				\$8,571
2026	\$7,929	\$890				\$8,819
2027	\$8,167	\$908				\$9,075
2028	\$8,412	\$926				\$9,338
2029	\$8,664	\$945				\$9,609
2030	\$8,924	\$964				\$9,888
2031	\$9,192	\$983				\$10,175
2032	\$9,468	\$1,003				\$10,470
2033	\$9,752	\$1,023				\$10,774
2034	\$10,044	\$1,043				\$11,087
2035	\$10,346	\$1,064				\$11,409
2036	\$10,656	\$1,085				\$11,741
2037	\$10,976	\$1,107				\$12,082

Source(s) of Information: 2019 Quarterly Fee Reports

Sample Calculations: Ohio EPA Formula.

Assumptions: Revenues continue to come in throughout the planning period.

User fees are for tire collections. The District charges residents to recycle tires to offset the cost of this service to the District. Reimbursements are sponsors, vendors for Annual Earth Day Extravaganza Festival.

User fee will be predicted to increase by 3% only if cost to the district will increase. 2% increase for EDX Sponsors

6 Summary of District Revenues

Table O-6 Total Revenue

Year	Disposal Fees	Generation Fees	Designation Fees	Other Revenue	Total Revenue
2015	\$0	\$512,878	\$0	\$4,611	\$517,489
2016	\$0	\$604,857	\$0	\$871	\$605,728
2017	\$0	\$479,841	\$0	\$1,636	\$481,477
2018	\$0	\$615,262	\$0	\$2,783	\$618,045
2019	\$0	\$462,404	\$0	\$7,222	\$469,626
2020	\$0	\$462,404	\$0	\$7,431	\$469,835
2021	\$0	\$462,404	\$0	\$7,646	\$470,050
2022	\$0	\$462,404	\$0	\$7,867	\$470,272
2023	\$0	\$462,404	\$0	\$8,095	\$470,499
2024	\$0	\$462,404	\$0	\$8,330	\$470,734
2025	\$0	\$462,404	\$0	\$8,571	\$470,975
2026	\$0	\$462,404	\$0	\$8,819	\$471,224
2027	\$0	\$462,404	\$0	\$9,075	\$471,479
2028	\$0	\$462,404	\$0	\$9,338	\$471,742
2029	\$0	\$462,404	\$0	\$9,609	\$472,013
2030	\$0	\$462,404	\$0	\$9,888	\$472,292
2031	\$0	\$462,404	\$0	\$10,175	\$472,579
2032	\$0	\$462,404	\$0	\$10,470	\$472,875
2033	\$0	\$462,404	\$0	\$10,774	\$473,179
2034	\$0	\$462,404	\$0	\$11,087	\$473,492
2035	\$0	\$462,404	\$0	\$11,409	\$473,814
2036	\$0	\$462,404	\$0	\$11,741	\$474,145
2037	\$0	\$462,404	\$0	\$12,082	\$474,487

Source(s) of Information:

Sample Calculations:

Assumptions:

User fee will be predicted to increase by 3% only if cost to the district will increase. 2% increase for EDX Sponsors

At this time the District does not need to increase generation fees, but if needed the District will look into this option. The Solid Waste Board has the authority to raise rates as needed.

B. Cost of Implementing Plan Cost to the District

Throughout the planning period, the District will incur expenses for office and staff, plan preparation at five-year intervals, and the following activities and programs. Expenses will be divided into two categories: operating cost, and supplemental programs. Each expense will be explained in further detail in this section of the plan. Supplemental programs are in order by priory spending if additional money is carried over from following the following year. The Board of Directors and Solid Waste Coordinator will meet annually to create a fiscally reasonable budget for the year. To allow more than the minimum budgeted amount (Table O-7) to be spent the following criteria must be met: 1. Operating cost must be budgeted for by minimum budgeted amount 2. The Solid Waste fund balance must not be below the total minimum budgeted expenses (Table 0-7). 3. The access spending must not exceed the maximum budgeted amount (pages O-14 – O-16).

Operating Cost:

- District Coordinator
- Office supplies
- Office overhead
- Travel
- Repairs and maintenance
- Equipment
- Plan update

Supplemental Programs:

- 1. SWMD Drop-Off Program
- 2. Sheriff litter aide
- 3. Sheriff litter trailer
- 4. Household Hazardous Waste Collections (HHW)
- 5. Household battery collection
- 6. Community clean up grants
- 7. Municipality tire credit
- 8. Recycled materials grant
- 9. Special events
- 10. Outreach & marketing
- 11. Advertising
- 12. G.R.E.E.N. Bean community trailer
- 13. Debris Management Plan
- 14. Revolving loan fund

HOME	Table O-7: Expenses								iciai Da
Line #	Category/Program	2015	2016	2017	2018	2019	2020	2021	2022
1	1. Plan Monitoring/Prep.	\$5,930	\$9,542	\$11,353	\$5,091	\$3,978	\$4,314	\$5,192	\$4,577
1.a		\$3,082	\$9,542	\$3,167	\$3,148	\$727		\$749	\$0
1.b	9	4		\$8,186	\$1,942	\$3,252	\$4,314	\$4,444	\$4,577
1.c		\$2,848	64.40.770	ФО 77 405	£407.000	£447.40C	CO40 000	CO40 004	\$356,666
2.a	Plan Implementation a. District Administration	\$288,695 \$67,451	\$140,778 \$61,301	\$277,135 \$129,625	\$407,290 \$126,867	\$417,486 \$60,415	\$219,828 \$55,779	\$313,024 \$55,780	\$57,453
2.a.1	Personnel	\$50,404	\$44,010	\$96,497	\$46,017	\$33,816	\$36,673	\$36,673	\$37,773
2.a.2		\$17,048	\$17,292	\$30,009	\$80,850	\$25,847	\$19,107	\$19,107	\$19,680
2.a.3		, ,	. ,	\$3,119		\$752			, ,
2.b	b. Facility Operation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2.b.1	MRF/Recycling Center								
2.b.2									
2.b.3 2.b.4									
2.c	i								
2.d		\$168,563	\$0	\$120,885	\$134,935	\$52,227	\$58,545	\$59,716	\$100,000
2.d.1	Curbside								
2.d.2		\$168,563	137.042.26	\$120,885	\$129,096	\$52,227	\$58,545	\$59,716	\$100,000
2.d.3									
2.d.4									
2.d.5 2.d.6					\$5,840				
2.u.6 2.e	i	\$49,716	\$37,604	\$18,123	\$43,782	\$92,672	\$53,346	\$87,035	\$88,705
2.e.1	Tire Collection	\$16,436	\$8,296	\$4,691	\$10,575	\$3,478	\$6,600	\$22,732	\$23,187
2.e.2	HHW Collection	\$33,280	\$29,308	\$13,432	\$30,981	\$56,810	\$23,146	\$24,303	\$25,518
2.e.3									
2.e.4						^	*	*	
2.e.5 2.f					\$2,226	\$32,384	\$23,600	\$40,000	\$40,000
2.1 2.g		\$2,965	\$41,873	\$8,502	\$2,680	\$2,950	\$2,157	\$60,493	\$60,508
2.g.1	Education Staff	\$2,965	\$41,873	\$5,676	\$2,680	\$1,539	\$479	\$493	\$508
2.g.2		Ψ2,000	ψ,σσ	φο,σ. σ	ΨΞ,000	ψ.,σσσ	V	\$50,000	\$50,000
2.g.3	Other			\$2,826		\$1,411	\$1,679	\$10,000	\$10,000
2.h	, , ,	\$0	\$0	\$0	\$0	\$200,170	\$50,000	\$50,000	\$50,000
2.h.1	General Market Development Activities					A000 470	\$50,000	\$250,000	\$250,000
2.h.2 2.i						\$200,170			
2.j	j. Feasibility Studies								
2.k						\$8,500			
2.1	I. Dump Cleanup					40,000			
2.m					\$17,500				
2.n									\$0
2.0	*				004 505	# 550			
2.p	p. Other				\$81,525	\$552			
3	3. Health Dept. Enforcement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Health Department Name:	**	7.0		**	7.	**	**	
	Health Department Name:								
	Health Department Name:								
	Health Department Name:								
4	4. County Assistance	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4.a	i	**	7.0		**	7.	**	**	
4.b	b. Maintaining Public Facilities								
4.c	ar manning r along r along r								
4.d	c. Providing Emergency Services								
7.0	c. Providing Emergency Services								
	c. Providing Emergency Services								
5	Providing Emergency Services Providing Other Public Services Well Testing								
5	c. Providing Emergency Services d. Providing Other Public Services 5. Well Testing 6. Out-of-State Waste Inspection								
5 6 7	c. Providing Emergency Services d. Providing Other Public Services 5. Well Testing 6. Out-of-State Waste Inspection 7. Open Dump, Litter Law Enforcement	\$0	\$0	\$75,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000
5 6 7 7.a	c. Providing Emergency Services d. Providing Other Public Services 5. Well Testing 6. Out-of-State Waste Inspection 7. Open Dump, Litter Law Enforcement a. Heath Departments	\$0	\$0						
5 6 7 7.a 7.b	c. Providing Emergency Services d. Providing Other Public Services 5. Well Testing 6. Out-of-State Waste Inspection 7. Open Dump, Litter Law Enforcement a. Heath Departments b. Local Law Enforcement	\$0	\$0	\$75,000 \$75,000	\$150,000 \$150,000	\$150,000 \$150,000	\$150,000 \$150,000	\$150,000 \$150,000	\$150,000 \$150,000
5 6 7 7.a	c. Providing Emergency Services d. Providing Other Public Services 5. Well Testing 6. Out-of-State Waste Inspection 7. Open Dump, Litter Law Enforcement a. Heath Departments b. Local Law Enforcement	\$0	\$0						
5 6 7 7.a 7.b 7.c	c. Providing Emergency Services d. Providing Other Public Services 5. Well Testing 6. Out-of-State Waste Inspection 7. Open Dump, Litter Law Enforcement a. Heath Departments b. Local Law Enforcement	\$0	\$0						
5 6 7 7.a 7.b 7.c	c. Providing Emergency Services d. Providing Other Public Services 5. Well Testing 6. Out-of-State Waste Inspection 7. Open Dump, Litter Law Enforcement a. Heath Departments b. Local Law Enforcement c. Other	\$0	\$0						
5 6 7 7.a 7.b 7.c	c. Providing Emergency Services d. Providing Other Public Services 5. Well Testing 6. Out-of-State Waste Inspection 7. Open Dump, Litter Law Enforcement a. Heath Departments b. Local Law Enforcement c. Other 8. Heath Department Training 9. Municipal/Township Assistance	\$0							
5 6 7 7.a 7.b 7.c 8 9 9.a	c. Providing Emergency Services d. Providing Other Public Services 5. Well Testing 6. Out-of-State Waste Inspection 7. Open Dump, Litter Law Enforcement a. Heath Departments b. Local Law Enforcement c. Other 8. Heath Department Training 9. Municipal/Township Assistance a. Maintaining Roads			\$75,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000
5 6 7 7.a 7.b 7.c 8 9 9.a 9.b	c. Providing Emergency Services d. Providing Other Public Services 5. Well Testing 6. Out-of-State Waste Inspection 7. Open Dump, Litter Law Enforcement a. Heath Departments b. Local Law Enforcement c. Other 8. Heath Department Training 9. Municipal/Township Assistance a. Maintaining Roads b. Maintaining Public Facilities			\$75,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000
5 6 7 7.a 7.b 7.c 8 9 9.a 9.b	c. Providing Emergency Services d. Providing Other Public Services 5. Well Testing 6. Out-of-State Waste Inspection 7. Open Dump, Litter Law Enforcement a. Heath Departments b. Local Law Enforcement c. Other 8. Heath Department Training 9. Municipal/Township Assistance a. Maintaining Roads b. Maintaining Public Facilities c. Providing Emergency Services			\$75,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000
5 6 7 7.a 7.b 7.c 8 9 9.a 9.b	c. Providing Emergency Services d. Providing Other Public Services 5. Well Testing 6. Out-of-State Waste Inspection 7. Open Dump, Litter Law Enforcement a. Heath Departments b. Local Law Enforcement c. Other 8. Heath Department Training 9. Municipal/Township Assistance a. Maintaining Roads b. Maintaining Public Facilities c. Providing Emergency Services			\$75,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000
5 6 7 7.a 7.b 7.c 8 9 9.a 9.b 9.c 9.d	c. Providing Emergency Services d. Providing Other Public Services 5. Well Testing 6. Out-of-State Waste Inspection 7. Open Dump, Litter Law Enforcement a. Heath Departments b. Local Law Enforcement c. Other 8. Heath Department Training 9. Municipal/Township Assistance a. Maintaining Roads b. Maintaining Public Facilities c. Providing Emergency Services d. Providing other Public Services 10. Compensation to Affected			\$75,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000
5 6 7 7.a 7.b 7.c 8 9 9.a 9.b 9.c 9.d	c. Providing Emergency Services d. Providing Other Public Services 5. Well Testing 6. Out-of-State Waste Inspection 7. Open Dump, Litter Law Enforcement a. Heath Departments b. Local Law Enforcement c. Other 8. Heath Department Training 9. Municipal/Township Assistance a. Maintaining Roads b. Maintaining Public Facilities c. Providing Emergency Services d. Providing other Rublic Services			\$75,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000
5 6 7 7.a 7.b 7.c 8 9 9.a 9.b 9.c 9.d	c. Providing Emergency Services d. Providing Other Public Services 5. Well Testing 6. Out-of-State Waste Inspection 7. Open Dump, Litter Law Enforcement a. Heath Departments b. Local Law Enforcement c. Other 8. Heath Department Training 9. Municipal/Township Assistance a. Maintaining Roads b. Maintaining Public Facilities c. Providing Emergency Services d. Providing other Public Services 10. Compensation to Affected		\$0	\$75,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000



	Table O-7: Expenses								
Line #	Category/Program	2023	2024	2025	2026	2027	2028	2029	2030
1.a	Plan Monitoring/Prep. a. Plan Preparation	\$5,485 \$771	\$4,856 \$0	\$5,796 \$794	\$5,152 \$0	\$6,124 \$818	\$5,465 \$0	\$6,472 \$842	\$5,798 \$0
1.a		\$4,714	\$4,856	\$5,002	\$5,152	\$5,306	\$5,465	\$5,629	\$5,798
1.c	•	+ 1,1 1 1	• •,•••	40,000	44,142	40,000	40,100	- + + + + + + + + + + + + + + + + + + +	40,100
2	2. Plan Implementation	\$280,144	\$286,248	\$292,547	\$299,048	\$305,759	\$312,688	\$319,843	\$327,232
2.a		\$59,177	\$60,952	\$62,781	\$64,664	\$66,604	\$68,602	\$70,660	\$72,780
2.a.1 2.a.2		\$38,906	\$40,074 \$20,879	\$41,276	\$42,514	\$43,789	\$45,103	\$46,456 \$24,204	\$47,850
2.a.2 2.a.3		\$20,271	\$20,679	\$21,505	\$22,150	\$22,815	\$23,499	\$24,204	\$24,930
2.a.5		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2.b.1		4.0	7.0	4.0	4.0	7.	**		
2.b.2									
2.b.3									
2.b.4									
2.c 2.d		\$100,000	\$102,000	\$104,040	\$106,121	\$108,243	\$110,408	\$112,616	\$114,869
2.d.1		Ψ100,000	Ψ102,000	Ψ10-1,0-10	ψ100,121	ψ100,240	ψ110,400	ψ112,010	ψ114,005
2.d.2	Drop-off	\$100,000	\$102,000	\$104,040	\$106,121	\$108,243	\$110,408	\$112,616	\$114,869
2.d.3									
2.d.4									
2.d.5									
2.d.6		\$00.444	\$02.2E7	\$94,146	\$06.11F	\$09.4c0	\$100,200	\$102.544	\$104.960
2.e.1		\$90,444 \$23,650	\$92,257 \$24,123	\$94,146 \$24,606	\$96,115 \$25,098	\$98,168 \$25,600	\$100,309 \$26,112	\$102,541 \$26,634	\$104,869 \$27,167
2.e.1	•	\$25,050	\$28,134	\$29,540	\$31,018	\$32,568	\$34,197	\$35,907	\$37,702
2.e.3	i	φ=0,10T	Ç=0,10 T	Ç=0,010	20.,010	ÇC <u>=</u> ,000	ÇC ., 101	+00,007	Ţ0.,10Z
2.e.4									
2.e.5	Other Collection Drives	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000
2.f									
2.g		\$15,523	\$16,039	\$16,580	\$17,148	\$17,744	\$18,369	\$19,025	\$19,714
2.g.1		\$523	\$539 \$5,000	\$555 \$5,000	\$571	\$589	\$606	\$624	\$643
2.g.2 2.g.3		\$5,000 \$10,000	\$5,000 \$10,500	\$5,000 \$11,025	\$5,000 \$11,576	\$5,000 \$12,155	\$5,000 \$12,763	\$5,000 \$13,401	\$5,000 \$14,071
2.g.3 2.h		\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
2.h.1		\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
2.h.2	ODNR pass-through grant	* - /	* - /	* - /	* - /	* - /	+ - /	, , , , , , , , , , , , , , , , , , ,	7.7
2.i									
2.j									
2.k									
2.1									
2.m 2.n	•	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
2.0		ψ5,000	ψ5,000	ψ5,000	ψ5,000	ψ5,000	ψ5,000	ψ5,000	Ψ5,000
2.p	<i>'</i>	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
		` '	` '	. ,	. ,		. ,		
3	3. Health Dept. Enforcement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Health Department Name:								
	Health Department Name:								
	Health Department Name:								
	Health Department Name:								
4	4. County Assistance	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4.a	a. Maintaining Roads								
4.b	i								
4.c									
4.d	d. Providing Other Public Services								
5	5. Well Testing								
6	6. Out-of-State Waste Inspection								
	·								
	7. Open Dump, Litter Law Enforcement	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$140,000	\$130,000	\$120,000
7.a	· · · · · · · · · · · · · · · · · · ·	0450.00	0450.00 5	#450.00	0450.000	0450.00 5	M4 40 000	0400 000	# 400 000
7.b 7.c		\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$140,000	\$130,000	\$120,000
/.C									
8	8. Heath Department Training								
9	9. Municipal/Township Assistance	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9.a	1						7,0		
9.b									·
	·								
9.c	c. Providing Emergency Services								
	c. Providing Emergency Services								
9.c	c. Providing Emergency Services d. Providing other Public Services								
9.c 9.d	c. Providing Emergency Services								
9.c 9.d	c. Providing Emergency Services d. Providing other Public Services 10. Compensation to Affected	\$435,630	\$441,104	\$448,343	\$454,200	\$461,883	\$458,154	\$456,315	\$453,030



	Table O-7: Expenses	2004	2020	2000	2024	2025	2000	2027
Line #	Category/Program	2031	2032	2033	2034	2035	2036	2037
1.a	Plan Monitoring/Prep. a. Plan Preparation	\$6,840 \$868	\$6,151 \$0	\$7,230 \$894	\$6,526 \$0	\$7,642 \$921	\$6,923 \$0	\$8,079 \$948
1.a 1.b	b. Plan Monitoring	\$5,972	\$6,151	\$6,336	\$6,526	\$6,722	\$6,923	\$7,131
1.c	c. Other	φο,στΣ	ψο, το τ	φ0,000	ψ0,020	ψ0,122	ψ0,020	φι,ισι
2	2. Plan Implementation	\$334,864	\$342,748	\$350,895	\$359,313	\$368,013	\$377,007	\$386,305
2.a	a. District Administration	\$74,964	\$77,213	\$79,529	\$81,915	\$84,372	\$86,903	\$89,511
2.a.1	Personnel	\$49,285	\$50,764	\$52,287	\$53,856	\$55,471	\$57,135	\$58,849
2.a.2	Office Overhead	\$25,678	\$26,449	\$27,242	\$28,059	\$28,901	\$29,768	\$30,661
2.a.3 2.b	Other b. Facility Operation	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2.b.1	MRF/Recycling Center	ΨΟ	ΨΟ	ΨΟ	ΨΟ	ΨΟ	ΨΟ	ΨΟ
2.b.2	Compost							
2.b.3	Transfer							
2.b.4	Special Waste							
2.c	c. Landfill Closure/Post-Closure	C447.400	\$440.500	C404 000	£404.007	#400.004	£400.004	C404 040
2.d 2.d.1	d. Recycling Collection Curbside	\$117,166	\$119,509	\$121,899	\$124,337	\$126,824	\$129,361	\$131,948
2.d.1 2.d.2	Drop-off	\$117,166	\$119,509	\$121,899	\$124,337	\$126,824	\$129 361	\$131,948
2.d.3	Combined Curbside/Drop-off	ψ117,100	ψ113,303	Ψ121,000	Ψ124,001	ψ120,02 +	Ψ123,301	ψ101,040
2.d.4	Multi-family							
2.d.5	Business/Institutional							
2.d.6	Other							
2.e	e. Special Collections	\$107,297	\$109,831	\$112,474			\$121,119	
2.e.1	Tire Collection	\$27,710	\$28,264	\$28,830	\$29,406	\$29,994		\$31,206
2.e.2	HHW Collection	\$39,587	\$41,566	\$43,645	\$45,827	\$48,118	\$50,524	\$53,050
2.e.3	Electronics Collection							
2.e.4 2.e.5	Appliance Collection Other Collection Drives	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$40.000	\$40,000
2.6.3 2.f	f. Yard Waste/Other Organics	Ψ40,000	ψ40,000	ψ+0,000	ψ40,000	ψ+0,000	ψ 4 0,000	ψ+0,000
2.g	g. Education/Awareness	\$20,437	\$21,196	\$21,992	\$22,827	\$23,704	\$24,624	\$25,590
2.g.1	Education Staff	\$662	\$682	\$703	\$724	\$746		\$791
2.g.2	Advertisement/Promotion	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
2.g.3	Other	\$14,775	\$15,513	\$16,289	\$17,103	\$17,959		\$19,799
2.h		\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
2.h.1	General Market Development Activities	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
2.h.2	ODNR pass-through grant							
2.i 2.j	Service Contracts Feasibility Studies							
2.k	k. Waste Assessments/Audits							
2.1	I. Dump Cleanup							
2.m	m. Litter Collection/Education							
2.n	n. Emergency Debris Management	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
2.0	o. Loan Payment							
2.p	p. Other	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
		0.0	0.0	0.0		00	00	0.0
3	3. Health Dept. Enforcement	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Health Department Name:							
	Health Department Name:							
	Health Department Name:							
	Health Department Name:							
	4. County Assistance	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4.a	a. Maintaining Roads							
4.b 4.c	b. Maintaining Public Facilities c. Providing Emergency Services							
4.c 4.d	d. Providing Other Public Services							
	, and the second							
5	5. Well Testing							
6	6. Out-of-State Waste Inspection							
	•	£440,000	£400.000	£400.000	#00.000	#05.000	Ф7F 000	#67.000
7.a	7. Open Dump, Litter Law Enforcement a. Heath Departments	\$110,000	\$100,000	\$100,000	\$90,000	\$85,000	\$75,000	\$67,000
7.a 7.b	b. Local Law Enforcement	\$110,000	\$100,000	\$100,000	\$90,000	\$85,000	\$75,000	\$67,000
7.b 7.c	c. Other	ψ110,000	ψ.00,000	ψ.00,000	ψυυ,υυυ	ψυυ,000	Ψ10,000	ψ51,000
8	8. Heath Department Training							
9	9. Municipal/Township Assistance	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9.a	a. Maintaining Roads							
9.b	b. Maintaining Public Facilities							
9.c	c. Providing Emergency Services							
9.d	d. Providing other Public Services							
	10. Compensation to Affected							
10	Community (ORC Section 3734.35)							
	Total Expenses	¢454.704	\$448,900	\$458,124	¢455,000	\$460.6E0	\$458,930	\$464.005
l	ı otai Experises""	Ψ 4 31,704	9440.9UU	#30.124	w400.009	0C0.UU+U	w400.93U	U401.303

Table O-7 Expenses

Note: Please see next page

Source(s) of Information: 2019 Quarterly Fee Report

Cost to the District

Throughout the planning period, the District will incur expenses for office and staff, plan preparation at five-year intervals, and the following activities and programs.

- 4. District Coordinator
- 5. Office supplies
- 6. Office overhead
- 7. Travel
- 8. Repairs and maintenance
- 9. Equipment
- 10. Plan update
- 11. SWMD Drop-Off Program
- 12. Special events
- 13. Outreach & marketing
- 14. Advertising
- 15. Sheriff litter trailer
- 16. G.R.E.E.N. Bean community trailer
- 17. Debris Management Plan
- 18. Household battery collection
- 19. Household Hazardous Waste Collections (HHW)
- 20. Municipality tire credit
- 21. Sheriff litter aide
- 22. Recycled materials grant
- 23. Revolving loan fund
- 24. Community clean up grants

The following projections have been made regarding these activities:

- District Coordinator
 - o \$34,095.88 (\$22.61 per hour x 29 hours a week x 52 weeks a year) per year including payroll and benefits
 - Staff costs, including payroll and benefits, will increase at 3% per year beginning in 2016.

- Office supplies
 - 500.00 per year
- Office overhead
 - o 4,000 per year
- Travel
 - o 500.00 per year
- Repairs and maintenance
 - o 20,000 per year
 - The District feels like \$20,000 per year to budget for repairs in maintenance is a safe number as you cannot predict what repairs will be needed from year to year. The District will allocate \$20,000 for repairs in their budget each for this plan not to accumulate year to year.

25. Equipment

- 1. Year by year basis under circumstance where new equipment is needed.
- 2. \$100,000 annually will be allocated to equipment if needed. Equipment is not perchance every year and will only be purchased when necessary.
- Plan update
 - 5% of the District Coordinator's total salary beginning 2021
 - 5% projected increase has been used in the past to manage this budget. With the current market conditions it is hard to predict how much of an increase the District will see in pricing. The District feels that 5% is a safe increase to use.
- SWMD Drop-Off Program
 - 100,000 per year
 - With increasing cost (about \$10,000 per year) the District feels that allocating \$100,000 per year for drop-off programs is a safe number.
- Special events- \$1,000.00 per year and will increase 5% over the planning period
 - o Earth Day Extravaganza \$1,000 per year beginning 2020 and remaining consistent throughout the planning period
 - 5% projected increase has been used in the past to manage this budget. With the current market conditions it is hard to predict how much of an increase the District will see in pricing. The District feels that 5% is a safe increase to use.
- Outreach & marketing plan- Total \$600.00 and increase 5% annually throughout the planning period
 - o Give-A-Way Items- \$100.00 per year
 - o Printing- \$500.00 per year
 - 5% projected increase has been used in the past to manage this budget. With the current market conditions it is hard to predict how much of an increase the District will see in pricing. The District feels that 5% is a safe increase to use.

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- Advertising- The District will meet with the Board annually to determine the budget for this line item, but will plan no less than \$5,000 and up to \$75,000 annually throughout the planning period
 - Newspaper
 - Mailers
 - Commercials
- Sheriff litter trailer- \$5,000 and increase 5% annually throughout the planning period per year.

- \$5,000 for maintenance and restocking
- 5% projected increase has been used in the past to manage this budget. With the current market conditions it is hard to predict how much of an increase the District will see in pricing. The District feels that 5% is a safe increase to use.
- G.R.E.E.N. Bean community trailer- \$1,000 and increase 5% over the planning period.
 - \$1,000 for maintenance and restocking
 - 5% projected increase has been used in the past to manage this budget. With the current market conditions it is hard to predict how much of an increase the District will see in pricing. The District feels that 5% is a safe increase to use.
- Debris Management Plan- The District will meet with the Board annually to determine the budget for this line item, but will plan no less than \$5,000 and up to \$25,000 annually
 - \$25,000 annually for managing all types of waste/debris resulting from a disaster or significant emergency
- Household battery collections (Drop-Off Sites)- \$30,000.00 annually increase of 5% annually throughout the planning period per year.
 - \$30,000- to pay private contractor to collect, haul and properly dispose of batteries collected at designated drop-off sites throughout the county.
 - 5% projected increase has been used in the past to manage this budget. With the current market conditions it is hard to predict how much of an increase the District will see in pricing. The District feels that 5% is a safe increase to use.
- Household Hazardous Waste Collections- \$30,000.00 annually increase of 5% annually throughout the planning period per year.
 - \$30,000 annually for at least one annual collection.
 - 5% projected increase has been used in the past to manage this budget. With the current market conditions it is hard to predict how much of an increase the District will see in pricing. The District feels that 5% is a safe increase to use.

- Municipality tire credit- \$16,000 annually
 - \$1,000 credit for tire recycling to reduce the amount of roadside tires throughout the District.
- Community clean up grants- The District will meet with the Board annually to determine the budget for this line item, but will plan no less than \$40,000 and up to \$160,000 annually
 - o Up to \$10,000 in grant monies annually to local political subdivisions of Erie County Solid Waste District (16).
- Sheriff litter aide- The District will meet with the Board annually to determine the budget for this line item, but will plan no less than \$150,000 annually for years 2023-2027, no less than \$140,000, but up to \$150,000 for year 2028, no less than \$130,000 up to \$150,000 for year 2029, no less than \$120,000 up to \$150,000 for year 2030, no less than \$100,000 and up to \$150,000 for years 2032 and 2033, no less than \$90,000 up to \$150,000 for year 2034, no less than \$85,000 and up to \$150,000 for year 2035, no less than \$75,000 and up to \$150,000 for year 2037.
 - The District provides funding to the Erie County Sheriff deputy's wages and fringes that operates the community service litter collection trailer not cover by grant fund from the Common Pleas Court.
 The District will also provide funding to the investigating and enforcing litter and related solid waste laws. The combined funding will be \$150,000.00 annually throughout the planning period.
- Recycled materials grant- The District will meet with the Board annually to determine the budget for this line item, but will plan no less than\$5,000 and up to \$250,000 annually
 - \$250,000 annually to encourage the purchase of recycled-content products. This grant is offered to public and private entities.
- Revolving loan fund- The District will meet with the Board annually to determine the budget for this line item, but will plan no less than \$5,000 and up to \$75,000 annually
 - Up to \$75,000 annually for businesses

Carry Over Balance

Throughout the previous planning period the district saw a consistent carry over quarter to quarter and year to year. This carry over was due to decreased expenditures:

- Reduction in staff, salary, HHW Collections and battery drop-offs
- Partnering with local entities to provide no cost workshops
- Fundraising and sponsorships to reduce cost for events
- Renewing expired contracts to reduce cost and lock in pricing

Going forward the District has implemented cost increase in funding for programing to spend down some of the excess carry over balanced that it has accumulated throughout the years. Program funding increases include:

- Community Clean Up Grants- \$2,500 annually per municipality to be increased to up to \$10,000 annually per municipality.
- Advertising- \$ 100 annually increased up to \$75,000 annually.
- Recycled Materials Grant- \$5,000 annually increased up to \$250,000 annually.
- Revolving loan fund- up to \$75,000 annually

The District will meet with the Board annually to determine the budget for each line item and will make a determination each year for the amount to be allocated.

Explanation of Expenses

1 Plan Monitoring/Prep.

- 1.a Plan Preparation- The cost to the District for the Coordinator to prepare plan and make any changes.
- 1.b <u>Plan Monitoring-</u> The cost to the District for the Coordinator to monitor plan.
- 1.c Other

2 Plan Implementation

- 2.a District Administration
 - <u>2.a. Personnel</u>- Currently the District has one employee: The District Coordinator. \$34,095.88 (\$22.61 per hour x 29 hours a week x 52 weeks a year) per year including payroll and benefits, will increase at 3% per year beginning in 2023.
 - 2.a.2 Office Overhead- Items include office supplies, utility expenses, county services, equipment ,repairs/maintenance. Increase of 3% throughout the planning period.
 - 2.a.3 Other-N/A
- 2.b Facility Operation
 - 2.b.1 MRF/Recycling Center-N/A
 - 2.b.2 Compost- N/A
 - 2.b.3 Transfer- N/A
 - 2.b.4 Special Waste-N/A
- 2.c Landfill Closure/Post-Closure- N/A
- 2.d Recycling Collection
 - 2.d.1 Curbside- N/A
 - 2.d.2 Drop-off- Cost to the District of operating two drop-off locations throughout the District. Increase of 2% throughout the planning period.
 - 2.d.3 Combined Curbside/Drop-off-N/A
 - 2.d.4 *Multi-family-N/A*
 - 2.d.5 Business/Institutional-N/A
 - 2.d.6 <u>Other-N/A</u>

2.e Special Collections

- 2.e.1 <u>Tire Collection-</u>Cost to the District of operating tire recycling drop-off at the Erie County Landfill. Cost is offset by user fee. Increase of 2% throughout the planning period._Municipality Tire Credit-\$16,000 annually \$1,000 credit for tire recycling to reduce the amount of roadside tires throughout the District.
 - 2.e.2 <u>HHW Collection-</u>Cost to the District of hosting annual HHW collection and Household Battery Collections. Increase of 5% throughout the planning period.
 - 2.e.3 Electronics Collection
 - 2.e.4 Appliance Collection
- 2.e.5 Other Collection Drives-Community Clean Up Grants- The District will meet with the Board annually to determine the budget for this line item, but will plan no less than \$40,000 and up to \$160,000 annually
 - Up to \$10,000 in grant monies annually to local political subdivisions of Erie County Solid Waste District (16).
- 2.f Yard Waste/Other Organics-N/A
- 2.g Education/Awareness
 - 2.g.1 Education Staff- This portion of the District coordinators salary is for education purposes.
- 2.g.2 <u>Advertisement/Promotion</u>— The District will meet with the Board annually to determine the budget for this line item, but will plan no less than \$5,000 Up to \$75,000 annually throughout the planning period
 - 2.g.3 Other=N/A
- 2.h Recycling Market Development
- 2.h.1 <u>General Market Development Activities</u> Recycled Materials Grant- The District will meet with the Board annually to determine the budget for this line item, but will plan no less than \$5,000 Up to \$250,000 annually to encourage the purchase of recycled-content products. This grant is offered to public and private entities.
 - 2.h.2 Ohio EPA pass-through grant- No cost to District
- 2.i Service Contracts-N/A
- 2.j Feasibility Studies-N/A
- 2.k Waste Assessments/Audits-N/A
- 2.I Dump Cleanup-N/A
- 2.m Litter Collection/Education-N/A

2.n Emergency Debris Management- The District will meet with the Board annually to determine the budget for this line item, but will plan no less than\$5,000 and up to _\$25,000 annually for managing all types of waste/debris resulting from a disaster or significant emergency

- 2.o Loan Payment-N/A
- 2.p Other Revolving Loan Fund- The District will meet with the Board annually to determine the budget for this line item, but will plan no less than \$5,000 and up to \$75,000 annually for businesses to start recycling programs.
- 3 Health Dept. Enforcement

Health Department- N/A

- 4 County Assistance
 - 4.a Maintaining Roads-N/A
 - 4.b Maintaining Public Facilities-N/A
 - 4.c Providing Emergency Services-N/A
 - 4.d Providing Other Public Services-N/A
- 5 Well Testing- N/A
- 6 Out-of-State Waste Inspection-N/A
- 7 Open Dump, Litter Law Enforcement
 - 7.a <u>Heath Departments</u>
 - Local Law Enforcement- Sheriff Litter Aide- The District provides funding to the Erie County Sheriff deputy's wages and fringes that operates the community service litter collection trailer not cover by grant fund from the Common Pleas Court. The District will also provide funding to the investigating and enforcing litter and related solid waste laws. The District will meet with the Board annually to determine the budget for this line item, but will plan no less than \$150,000 annually for years 2023-2027, no less than \$140,000, but up to \$150,000 for year 2028, no less than \$130,000 up to \$150,000 for year 2030, no less than \$110,000 and up to \$150,000 for year 2031, no less than \$100,000 and up to \$150,000 for year 2032, no less than \$85,000 and up to \$150,000 for year 2035, no less than \$75,000 and up to \$150,000 for year 2037.
 - 7.c Other-N/A
- 8 Heath Department Training
- 9 Municipal/Township Assistance
 - 9.a Maintaining Roads-N/A
 - 9.b Maintaining Public Facilities-N/A

9.c <u>Providing Emergency Services-N/A</u>

9.d <u>Providing other Public Services-N/A</u>

1 Compensation to Affected Community (ORC Section 3734.35)

 Table O-8
 Budget Summary

Table 0-6	Duuget Suilli	mar y		
Year	Revenue	Expenses	Annual Surplus/Deficit (\$)	Balance (\$)
2014			Ending Balance	\$897,033
2015	\$517,489	\$294,625	\$222,864	\$1,119,896
2016	\$605,728	\$150,320	\$455,408	\$1,575,304
2017	\$481,477	\$363,488	\$117,989	\$1,693,294
2018	\$618,045	\$562,381	\$55,664	\$1,748,958
2019	\$469,626	\$571,465	-\$101,838	\$1,647,119
2020	\$469,835	\$374,142	\$95,693	\$1,742,813
2021	\$470,050	\$468,216	\$1,834	\$1,744,647
2022	\$470,272	\$511,243	-\$40,972	\$1,703,675
2023	\$470,499	\$435,630	\$34,870	\$1,738,545
2024	\$470,734	\$441,104	\$29,630	\$1,768,174
2025	\$470,975	\$448,343	\$22,632	\$1,790,807
2026	\$471,224	\$454,200	\$17,024	\$1,807,831
2027	\$471,479	\$461,883	\$9,596	\$1,817,426
2028	\$471,742	\$458,154	\$13,589	\$1,831,015
2029	\$472,013	\$456,315	\$15,699	\$1,846,714
2030	\$472,292	\$453,030	\$19,262	\$1,865,976
2031	\$472,579	\$451,704	\$20,875	\$1,886,851
2032	\$472,875	\$448,900	\$23,975	\$1,910,826
2033	\$473,179	\$458,124	\$15,054	\$1,925,881
2034	\$473,492	\$455,839	\$17,653	\$1,943,534
2035	\$473,814	\$460,656	\$13,158	\$1,956,692
2036	\$474,145	\$458,930	\$15,215	\$1,971,907
2037	\$474,487	\$461,385	\$13,102	\$1,985,009

Source(s) of Information: 2019 Quarterly Fee Reports

Sample Calculations: See above increases in expenses throughout the planning period.

Assumptions:

Carry Over Balance
Carry Over Balance

Throughout the previous planning period the district saw a consistent carry over quarter to quarter and year to year. This carry over was due to decreased expenditures:

- Reduction in staff, salary, HHW Collections and battery drop-offs
- Partnering with local entities to provide no cost workshops
- Fundraising and sponsorships to reduce cost for events
- Renewing expired contracts to reduce cost and lock in pricing

Going forward the District has implemented cost increase in funding for programing to spend down some of the excess carry over balanced that it has accumulated throughout the years. Program funding increases include:

- Community Clean Up Grants- \$2,500 annually per municipality to be increased to up to \$10,000 annually per municipality.
- Advertising- \$ 100 annually increased up to \$75,000 annually.
- Recycled Materials Grant- \$5,000 annually increased up to \$250,000 annually.
- Revolving loan fund- up to \$75,000 annually

The District will meet with the Board annually to determine the budget for each line item and will make a determination each year for the amount to be allocated.

- C. Alternative Budget-N/A
- 1. Contingent Funding-N/A

Table O-9 Contingent Funding

2 Contingent Expenses N/A

Explanation of Contingent Expenses

Table O-11 Contingent Budget Summary N/A

D. Major Facility Project

APPENDIX P DESIGNATION

A. Statement Authorizing/Precluding Designation

The Board of Directors of the Erie County Solid Waste Management District is hereby authorized to establish facility designations in accordance with Section 343.014 of the Ohio Revised Code after this plan has been approved by the director of the Ohio Environmental Protection Agency."

B. Designated Facilities

Table P-1 Designated Facilities

Facility Name	County	State	Facility Type	Year Designated
Erie County Sanitary Landfill	Erie	Ohio	Landfill	1997

C. Documents

RESOLUTION NO. 197-3

RESOLUTION OF THE BOARD OF DIRECTORS OF THE SOLID WASTE MANAGEMENT DISTRICT OF ERIE COUNTY, OHIO, FOR THE PURPOSES OF ADOPTING A STRATEGY FOR ENFORCING THE ERIE COUNTY SOLID WASTE MANAGEMENT DISTRICT'S FACILITY DESIGNATION RULE.

The Board of Directors of the Erie County Solid Waste Management District of Erie County, Ohio met this 6thday of February , 1997 in

Special

Session with the following members

present:

Nancy McKeen, Harold Butcher, Thomas Ferrell Mr. Ferrell introduced the following resolution and moved its adoption:

WHEREAS, the Erie County Solid Waste Management District, the "District," was established pursuant to O.R.C. 343.01 and 3734.52 for the purposes of preparing, adopting, submitting and implementing the Solid Waste Management Plan for the District, and for the purpose of providing for, or causing to be provided for, the safe and sanitary management of solid waste within all of the incorporated and unincorporated territory of the District that is protective of the public health safety and welfare; and

WHEREAS, the District's Board of Directors has determined that it is necessary to designate the Erie County Sanitary Landfill in order to assure adequate disposal capacity for solid waste generated within the District, as well as to assure that all solid waste generated within the District is disposed of in a safe and sanitary manner; and

WHEREAS, the Board of Directors adopted a Solid Waste Management Plan, the "Plan," that depends upon designation of the Erie County Sanitary Landfill for the implementation of an effective long-term plan that provides for the safe and sanitary management of solid waste generated within the District and, on December 27, 1993, said Plan was approved in order to be implemented by the Director of Ohio EPA; and

WHEREAS, the Board of Directors has adopted and published rules to implement the Plan's designation of the Erie County Sanitary Landfill, which rules require that all solid waste collected within Erie County must be delivered to the Erie County Sanitary Landfill; and

WHEREAS, the Board of Directors desires to implement a policy that all individuals, corporations, and commercial, industrial, and governmental entities subject to the rules adopted and published by the Board of Directors are in compliance therewith; and

WHEREAS, the Board of Directors desires to authorize the District, in conjunction with the Erie County Prosecutor, to take necessary or appropriate enforcement action to ensure compliance with the District's Plan and rules designating the Erie County Sanitary Landfill; NOW THEREFORE,

BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE ERIE COUNTY SOLID WASTE MANAGEMENT DISTRICT OF ERIE COUNTY, OHIO:

THAT, this Board hereby authorizes the District, in conjunction with the Erie County Prosecutor, to take necessary or appropriate enforcement action including, but not limited to the strategies identified in Exhibit "A" attached hereto, to ensure compliance with the District's Plan and rules designating the Erie County Sanitary Landfill.

THAT, this Board of Directors of the Erie County Solid Waste Management District hereby finds and determines that all formal actions relative to the adoption of this Resolution were taken in an open meeting of this Board; and that all deliberations of this Board and of its committees, if any, which resulted in formal action, were taken in meetings open to the public, in full compliance with applicable legal requirements, including Section 121.22 of the Revised Code.

Mr. Butcher seconded the motion for the adoption of said Resolution; and the roll being called upon its adoption, the vote resulted as follows:

Roll Call: Mr. Butcher - Aye, Mr. Ferrell-Aye, Mrs. McKeen-Aye

Adopted: February 6, 1997

CERTIFICATE

I, Patricia C. Tomazic, Secretary of the Board of Directors of the Erie County Solid Waste Management District, hereby do certify that the above is a true and correct copy of Resolution 197-3 adopted by said Board of February 6, 1997.

Board of Directors

Erie County Solid Waste Management District

EXHIBIT "A"

STRATEGY FOR ENFORCING THE ERIE COUNTY SOLID WASTE MANAGEMENT DISTRICT'S FACILITY DESIGNATION RULE

- A. <u>ERIE COUNTY'S FLOW CONTROL RULE</u> The District has adopted and published a rule providing that all solid waste collected within Erie County must be delivered to the Erie County landfill.
- B. <u>LEGALITY OF DESIGNATION FLOW CONTROL</u> All persons must comply with the District's designation of the Erie County landfill. O.R.C. §343.01(I)(2) and 343.01(G)(2).
- C. ENFORCEMENT OF DESIGNATION FLOW CONTROL -
 - Notice Letter Informing all solid waste haulers operating in Erie County that they
 must deliver waste generated within the District to the Erie County landfill.
 - Exemption Meetings Any person may establish that their waste is exempt or waived from the rule requiring delivery to the Erie County landfill by submitting a written request and by meeting directly with the District Board. Absent an exemption determination by the District Board, a hauler must deliver all solid waste to the Erie County landfill.
 - Surveillance, monitoring, and inspection of suspected violators A County investigator monitors suspected violators, and documents any violations with notes and photographs.
 - 4. Pre-enforcement meeting with documented violator Attorneys from the Prosecutor's office, and an official from the District, confront the violator with the investigator's information and describe the potential for criminal or civil prosecution pursuant to O.R.C. §§343.03, 343.99.

Criminal:

Fine of \$5000 for each day of violating facility designation, O.R.C.

§343.01(I)(2). O.R.C. §343.99.

Fine of \$5000 for each day of violating District rules governing the use of solid waste facilities, O.R.C. §343.01(G)(2). O.R.C. §343.99.

Civil:

Temporary restraining order and/or permanent injunction of unlawful activities in violation of facility designation, compensatory damages for tipping fees that the Erie landfill should have received. O.R.C. §343.03.

The objective is for the violator to voluntarily agree to future compliance with the District's rule without prosecution.

 Enforcement - If the violator does not begin complying with the District's rule, the Erie County Solid Waste Board of Directors must request the Prosecutor's Office to prosecute the violator, or bring a civil action against the violator seeking appropriate relief. O.R.C. §343.03.

ERIE COUNTY SOLID WASTE MANAGEMENT DISTRICT DISTRICT RULES Effective 2023

RULE 1: DEFINITIONS

Board shall mean the Board of County Commissioners of Erie County, Ohio acting in its capacity as the Board of Directors of the District.

Collection Services shall mean Solid Waste and Source Separated Recyclable Material collection services.

District shall mean the Erie County Solid Waste Management District.

Generator shall mean each Person which generates Solid Waste within the District.

Landfill shall mean the Erie County Sanitary Landfill.

Legitimate Recycling Facility shall mean an engineered facility or site where recycling of material other than scrap tires is the primary objective of the facility, in accordance with the definition set forth in Ohio Administrative Code 3745-27-01(L)(2).

Person shall mean each individual, public or private corporation, partnership, and each other form of entity, including a political subdivision or agency thereof.

Plan shall mean the Solid Waste Management Plan or amended Solid Waste Management Plan of the District

Service Provider shall mean any Person which provides Collection Services to Generators in the District.

Solid Waste shall mean such unwanted residual solid or semisolid material as results from industrial, commercial, agricultural, and community operations, excluding earth or material from construction, mining, or demolition operations, or other waste materials of the type that normally would be included in demolition debris, nontoxic fly ash and bottom ash, including at least ash that results from the combustion of coal and ash that results from the combustion of coal in combination with scrap tires where scrap tires comprise not more than fifty per cent of heat input in any month, spent nontoxic foundry sand, nontoxic, nonhazardous, unwanted fired and unfired, glazed and unglazed, structural products made from shale and clay products, and slag and other substances that are not harmful or inimical to public health, and includes, but is not limited to, garbage, scrap tires, combustible and noncombustible material, street dirt, and debris. Solid Waste does not include any material that is an infectious waste or a hazardous waste.

Appendix P Designation

Source Separated Recyclable Materials shall mean a subset of Solid Waste materials that have been separated from other Solid Waste materials at the location where the materials are generated, for the purpose of recycling such materials at a Legitimate Recycling Facility.

RULE 2: REQUIREMENT FOR DISPOSAL AT THE ERIE COUNTY SANITARY LANDFILL OF SOLID WASTE GENERATED IN THE ERIE COUNTY SOLID WASTE MANAGEMENT DISTRICT.

No Person shall deliver, or cause the delivery of, any Solid Waste generated within the District to any solid waste facility other than the Landfill, the only solid waste facility designated by the Plan, or a solid waste facility outside the boundaries of the State of Ohio, unless a waiver from this rule has been granted by the Board, in accordance with Section 343.01(I)(2) of the Ohio Revised Code. For the purpose of this rule, Solid Waste shall exclude: asbestos, yard waste, hazardous waste, Source Separated Recyclable Material, or any other Solid Waste which the Erie County Utilizes Director has determined is unacceptable at the Landfill.

RULE 3: REQUIREMENT FOR SUBMISSION OF PLANS FOR SOLID WASTE DISPOSAL, TRANSFER, RECYCLING OR RESOURCE RECOVERY FACILITIES TO THE BOARD OF COUNTY COMMISSIONERS.

Any Person proposing to construct, enlarge, or modify any in-District solid waste transfer, disposal, recycling or resource recovery facility shall submit general plans and specifications for the proposed construction, enlargement or modification to the Board for a determination by that Board of whether those plans and specifications comply with the Plan.

No Person shall construct, enlarge or modify any solid waste transfer, disposal, recycling or resource recovery facility until general plans and specifications for the proposed construction, enlargement or modification have been approved by the Board as complying with the Plan.

This rule shall not apply to any facility described in Division (D) of Section 3734.53 of the Ohio Revised Code, which includes captive facilities and facilities exclusively for the disposal of wastes from the combustion of coal.

General plans and specifications shall be submitted to the attention of the Erie County Solid Waste District Coordinator, 554 River Road, Huron, Ohio 44839. All general plans and specifications shall be clearly marked as complying with the requirements of the Rule Number 3 and Section 343.01(G)(2) of the Revised Code.

RULE 4: ESTABLISHMENT AND OPERATION OF DISTRICT SOLID WASTE COLLECTION SYSTEM.

Appendix P Designation

Except as herein provided, each Generator shall utilize the services of a Service Provider to collect the Solid Waste that it generates, OR Generator shall transport waste generated to the Erie County Sanitary Landfill for proper disposal.

No Person which is not a Service Provider shall provide Collection Services to Generators.

RULE 5: WAIVER FROM DESIGNATION

Any Person may request, in writing, that the District grant a waiver permitting the delivery of Solid Waste to a solid waste facility other than a solid waste facility designated in the Plan. All written waiver requests shall include such information and explanation as are required to demonstrate (1) that the requested waiver, if granted, is not inconsistent with the projections contained in the Plan and will not adversely affect the implementation and financing of the Plan as provided in the implementation schedule contained in the Plan; or (2) that the Solid Waste, which is the subject of the waiver request is exempt from delivery to a designated solid waste facility pursuant to applicable law or rules of the District. All such waiver requests shall be submitted to the Erie County Solid Waste Management District, attention: Solid Waste Coordinator, 554 River Road, Huron, Ohio 44839. All such waiver requests shall be clearly marked as complying with the requirements of this Rule Number 5 and Section 343.01(I)(2) of the Ohio Revised Code.

APPENDIX Q DISTRICT RULES

A. Existing Rules- Resolution 197-3

ERIE COUNTY SOLID WASTE MANAGEMENT DISTRICT DISTRICT RULES Effective 2016

RULE 1: DEFINITIONS

Board shall mean the Board of County Commissioners of Erie County, Ohio acting in its capacity as the Board of Directors of the District.

Collection Services shall mean Solid Waste and Source Separated Recyclable Material collection services.

District shall mean the Erie County Solid Waste Management District.

Generator shall mean each Person which generates Solid Waste within the District.

Landfill shall mean the Erie County Sanitary Landfill.

Legitimate Recycling Facility shall mean an engineered facility or site where recycling of material other than scrap tires is the primary objective of the facility, in accordance with the definition set forth in Ohio Administrative Code 3745-27-01(L)(2).

Person shall mean each individual, public or private corporation, partnership, and each other form of entity, including a political subdivision or agency thereof.

Plan shall mean the Solid Waste Management Plan or amended Solid Waste Management Plan of the District

Service Provider shall mean any Person which is party to a contract with the District to provide Collection Services to Generators in the District, and is identified by the District as currently eligible to provide Collections Services.

Solid Waste shall mean such unwanted residual solid or semisolid material as results from industrial, commercial, agricultural, and community operations, excluding earth or material from construction, mining, or demolition operations, or other waste materials of the type that normally would be included in demolition debris, nontoxic fly ash and bottom ash, including at least ash that results from the combustion of coal and ash that results from the combustion of coal in combination with scrap tires where scrap tires comprise not more than fifty per cent of heat input in any month, spent nontoxic foundry sand, nontoxic, nonhazardous, unwanted fired and unfired, glazed and unglazed, structural products made from shale and clay products, and slag and other substances that are not harmful or inimical to public health, and includes, but is not limited to, garbage, scrap tires, combustible and noncombustible material, street dirt, and debris. Solid Waste does not include any material that is an infectious waste or a hazardous waste.

Appendix Q District Rules

Source Separated Recyclable Materials shall mean a subset of Solid Waste materials that have been separated from other Solid Waste materials at the location where the materials are generated, for the purpose of recycling such materials at a Legitimate Recycling Facility.

RULE 2: REQUIREMENT FOR DISPOSAL AT THE ERIE COUNTY SANITARY LANDFILL OF SOLID WASTE GENERATED IN THE ERIE COUNTY SOLID WASTE MANAGEMENT DISTRICT.

No Person shall deliver, or cause the delivery of, any Solid Waste generated within the District to any solid waste facility other than the Landfill, the only solid waste facility designated by the Plan, or a solid waste facility outside the boundaries of the State of Ohio, unless a waiver from this rule has been granted by the Board, in accordance with Section 343.01(I)(2) of the Ohio Revised Code. For the purpose of this rule, Solid Waste shall exclude: asbestos, yard waste, hazardous waste, Source Separated Recyclable Material, or any other Solid Waste which the Erie County Sanitary Engineer has determined is unacceptable at the Landfill.

RULE 3: REQUIREMENT FOR SUBMISSION OF PLANS FOR SOLID WASTE DISPOSAL, TRANSFER, RECYCLING OR RESOURCE RECOVERY FACILITIES TO THE BOARD OF COUNTY COMMISSIONERS.

Any Person proposing to construct, enlarge, or modify any in-District solid waste transfer, disposal, recycling or resource recovery facility shall submit general plans and specifications for the proposed construction, enlargement or modification to the Board for a determination by that Board of whether those plans and specifications comply with the Plan.

No Person shall construct, enlarge or modify any solid waste transfer, disposal, recycling or resource recovery facility until general plans and specifications for the proposed construction, enlargement or modification have been approved by the Board as complying with the Plan.

This rule shall not apply to any facility described in Division (D) of Section 3734.53 of the Ohio Revised Code, which includes captive facilities and facilities exclusively for the disposal of wastes from the combustion of coal.

General plans and specifications shall be submitted to the attention of the Erie County Solid Waste District Coordinator, 554 River Road, P.O. Box 469, Huron, Ohio 44839. All general plans and specifications shall be clearly marked as complying with the requirements of the Rule Number 3 and Section 343.01(G)(2) of the Revised Code.

RULE 4: ESTABLISHMENT AND OPERATION OF DISTRICT SOLID WASTE COLLECTION SYSTEM.

Except as herein provided, each Generator shall utilize the services of a Service Provider to collect the Solid Waste that it generates. A Generator shall not be required to utilize the services of a Service Provider during any time period that the Generator is able to demonstrate its ability to deliver such Solid Waste to the Landfill for proper disposal and does so in a satisfactory manner.

No Person which is not a Service Provider shall provide Collection Services to Generators.

RULE 5: WAIVER FROM DESIGNATION

Any Person may request, in writing, that the District grant a waiver permitting the delivery of Solid Waste to a solid waste facility other than a solid waste facility designated in the Plan. All written waiver requests shall include such information and explanation as are required to demonstrate (1) that the requested waiver, if granted, is not inconsistent with the projections contained in the Plan and will not adversely affect the implementation and financing of the Plan as provided in the implementation schedule contained in the Plan; or (2) that the Solid Waste, which is the subject of the waiver request is exempt from delivery to a designated solid waste facility pursuant to applicable law or rules of the District. All such waiver requests shall be submitted to the Erie County Solid Waste Management District, attention: Solid Waste Coordinator, 554 River Road, P.O. Box 469, Huron, Ohio 44839. All such waiver requests shall be clearly marked as complying with the requirements of this Rule Number 5 and Section 343.01(I)(2) of the Ohio Revised Code.

B. Proposed Rules

Resolution 197-3 will remain in effect.

ERIE COUNTY SOLID WASTE MANAGEMENT DISTRICT DISTRICT RULES Effective 2023

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Appendix Q District Rules

Person shall mean each individual, public or private corporation, partnership, and each other form of entity, including a political subdivision or agency thereof.

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Solid Waste shall mean such unwanted residual solid or semisolid material as results from industrial, commercial, agricultural, and community operations, excluding earth or material from construction, mining, or demolition operations, or other waste materials of the type that normally would be included in demolition debris, nontoxic fly ash and bottom ash, including at least ash that results from the combustion of coal and ash that results from the combustion of coal in combination with scrap tires where scrap tires comprise not more than fifty per cent of heat input in any month, spent nontoxic foundry sand, nontoxic, nonhazardous, unwanted fired and unfired, glazed and unglazed, structural products made from shale and clay products, and slag and other substances that are not harmful or inimical to public health, and includes, but is not limited to, garbage, scrap tires, combustible and noncombustible material, street dirt, and debris. Solid Waste does not include any material that is an infectious waste or a hazardous waste.

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RULE 3: REQUIREMENT FOR SUBMISSION OF PLANS FOR SOLID WASTE DISPOSAL, TRANSFER, RECYCLING OR RESOURCE RECOVERY FACILITIES TO THE BOARD OF COUNTY COMMISSIONERS.

Any Person proposing to construct, enlarge, or modify any in-District solid waste transfer, disposal, recycling or resource recovery facility shall submit general plans and

Appendix Q District Rules

specifications for the proposed construction, enlargement or modification to the Board for a determination by that Board of whether those plans and specifications comply with the Plan.

No Person shall construct, enlarge or modify any solid waste transfer, disposal, recycling or resource recovery facility until general plans and specifications for the proposed construction, enlargement or modification have been approved by the Board as complying with the Plan.

This rule shall not apply to any facility described in Division (D) of Section 3734.53 of the Ohio Revised Code, which includes captive facilities and facilities exclusively for the disposal of wastes from the combustion of coal.

General plans and specifications shall be submitted to the attention of the Erie County Solid Waste District Coordinator, 554 River Road, Huron, Ohio 44839. All general plans and specifications shall be clearly marked as complying with the requirements of the Rule Number 3 and Section 343.01(G)(2) of the Revised Code.

RULE 4: ESTABLISHMENT AND OPERATION OF DISTRICT SOLID WASTE COLLECTION SYSTEM.

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The Board of Commissioners of the Erie County Solid Waste District is hereby authorized to adopt rules in accordance with Section 343.01 of the Ohio Revised Code after this plan has been approved by the director of the Ohio Environmental Protection Agency.



APPENDIX R BLANK SURVEY FORMS AND RELATED INFORMATION

Annual District Survey will be sent to commercial business each year through mail and email to comply with Goal #2. Below is a copy of survey that businesses within the District receive.

Attn: Commercial Recyclers,

It's time to update our plan and we need your help! Enclosed you'll find the 2020 Annual Industrial/Commercial Recycling Survey.

This information is used to determine how Erie County compares to other counties and if we're meeting our goals and standards set by Ohio EPA.

We can't complete this process without you and your hard earned numbers. Every ton that is recycled is diverted from our landfill and that is something to be proud of. Please complete the survey so we can adequately represent our county.

Don't hesitate to contact me with any questions or comments that you come across. I can be reached at 419.433.7303 ext. 2303 or Tmcneely@eriecounty.oh.gov.

Please return this survey to the Erie County Solid Waste Management District no later than April 30, 2021. Please send to:

Erie County solid Waste Management District 554 River Rd. Huron, OH 44839

Or Fax to: 419.433.6214

Online Survey: https://www.survio.com/survey/d/A1D2Q3C4I9D8X4N1W



Thank you for assisting in this process,

Tiffini McNeely
District Coordinator

Appendix R Blank Survey Forms and Related Information

2020 ANNUAL SOLID WASTE DISTRICT SURVEY INDUSTRIAL RECYCLING

PLEASE HELP US UPDATE OUR FILES BY COMPLETING THE FOLLOWING INFORMATION:

Company/Organization Name:
CONTACT PERSON:
TITLE:
Mailing Address:
CITY: STATE: ZIP:
PHONE:FAX:
FOF EMPLOYEES:EMAIL:
SIC CODE OR NAIC:
Current Waste Hauler:
TOTAL TONS OR CUBIC YARDS (PLEASE SPECIFY) OF WASTE FOR 2020:
S YOUR BUSINESS BEST DESCRIBED AS COMMERCIAL OR INDUSTRIAL ? PLEASE <u>CIRCLE</u>
DNE: COMMERCIAL INDUSTRIAL

Please provide the following information for the 2020 calendar year. If you cannot report the amount in tons, indicate what unit (e.g. cubic yards or lbs) you are using. Estimate if necessary. Please report waste recycled from YOUR business, not what you may have taken from another business or your home.

RECYCLED MATERIALS

Recycled Material	Tons Recycled in 2020	Describe How or Where Material was Recycled
Appliances		
Household Hazardous Waste		
Used Motor Oil		
Electronics		
Scrap Tires		
Dry Cell Batteries		
Lead-Acid Batteries		
Food		
Glass		
Ferrous Metals		
Non-Ferrous Metals		
Corrugated Cardboard		
All other paper		
Plastics		
Textiles		
Wood		
Rubber		
Commingled Recyclables		
Yard Waste		
Ash		
Non-Excluded Foundry Sand		
Flue Gas Desulfurization Waste		
List Any Others Missed		
1		
2		
3		

APPENDIX S SITING STRATEGY

The District does not have a siting strategy in place.

APPENDIX T MISCELLANEOUS PLAN DOCUMENTS

District resolutions, certification statements, public notices, other notices (e.g., the notice sent to the 50 largest generators)

Will be sent after plan is approved by OEPA

APPENDIX U RATIFICATION RESULTS

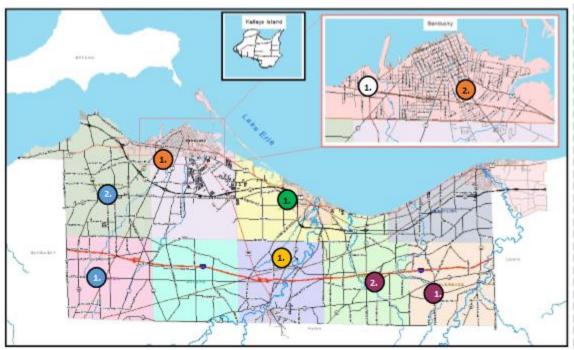
Table U-1 Ratification Summary

Erie County			
Board of County Commissioners	Approved	Rejected	Date Resolution Adopted
Community	Population		Date Resolution
Community	Approved	Rejected	Adopted
Cities			
City of Sandusky			
City of Huron			
Townships			
Groton Township			
Oxford Township			
Margaretta Township			
Perkins Township			
Huron Township			
Milan Township			
Berlin Township			
Florence Township			
Vermilion Township			
Villages			
Bay View			
Castalia			
Berlin Heights			
Milan			
Kelleys Island			
Total	0	0	
County Population			
Ratification percentage			#DIV/0!

Appendix V Inventory of Open Dumps and Other Disposal Facilities

- A. Existing Open Dumps and Waste Tire Dumps- N/A
- B. Ash, Foundry Sand, and Slag Disposal Sites- N/A

Appendix W District Map







TO: Mayor Tapp and City Council FROM: Stuart Hamilton, Service Director

RE: Resolution No. 105-2022 (submitted by Doug Steinwart)

DATE: November 22, 2022

Subject Matter/Background

Scope of the project is attached hereto as Exhibit 1.

Intent is to crack seal, topcoat and then restripe Fabens Park from the entrance, throughout the parking area and to the Park limit on Adams.

Quotes were received in the amounts of \$29,085. \$39,980 and \$63,450, copies of which are attached hereto as Exhibits 2, 3 and 3, respectively. Maintenance Systems of Northern Ohio were the lowest and best bid.

Financial Review

The Parks and Recreation Fund (Fund 207) will account for this activity. Supplemental appropriations will be requested at this meeting to increase the budget, as well.

Account: 207-3400-55102

Legal Review

The matter has been reviewed, follows normal administrative proe

Recommendation

If Council is in agreement with the request, a motion adopting Resolution No. 105-2022 is in order.

Resolution No. 105-2022 Exhibit 1 Scope of Work.pdf

Resolution No. 105-2022 Exhibit 2 Kreimes Co Inc.pdf

Resolution No. 105-2022 Exhibit 3 Maint Systems of OH.pdf

Resolution No. 105-2022 Exhibit 4 Swartz Paving.pdf

Resolution No. 105-2022 Fabens Park 2023 Pavement Maintenance.doc

Resolution No. 105-2022 Exhibit A Fabens Park 2023 Pavement Maintenance.pdf



Date created: 10/18/2022 Last Data Uploaded: 10/18/2022 6:37:43 AM



City of Huron Fabens Park Parking Lot Rehab 10/18/22

Scope of Work: All Parking and Drive Areas (highlighted above)

- -- Crack seal all cracks
- --Seal coat
- --Striping--restore all existing
- --Work in Spring 2023

Proposal



THE KREIMES CO. INC. ASPHALT ☆ CONCRETE ☆ EXCAVATION

2535 W. Monroe St., Sandusky, Ohio 44870

419-625-0295

				Page1_ of1	_
Proposal Submitted to	Phone		Date		
CITY OF HURON	2	216-865-1335		11/10/2022	
417 MAIN ST.		FABINS	PARK		
City State HURON, OHIO 44839	Zip Code	Job Location			
Submitted by JOSH	Date of Plans			Job Phone	
We hereby summit specifications and estima	tos for:				
We propose to furnish all new ASPHALT SEALCOATING: 1. Prep area to be sealed. 2. Clean edge blacktop free of good and clean surface free door and clean surface free doo	grass and weeds with e of dirt and debris. AL. ter Petro Seal to insur of SealMaster Asphal and to add strength an	power edger. re a good cohesive t Sealer combined of the sealer to the	bond between asp with Top Tuff,		
We Propose hereby to furn	ish material and labor -	complete in accorda	nce with above spec	ifications, for the sum of :	
PAYABLE UPON COMPLETION	N		dollars (\$	\$39,980.00).
All material is guaranteed to be as specified. All wo manner according to specifications submitted, per standabove specifications involving extra costs will be executable over and above the estimate. All agreement	dard practices. Any alteration	or deviation from	Authorized Signature Note: This proposal manditude withdrawn by us if not a		days
Acceptance of Proposal - The and conditions are satisfactory and are hereby to do the work as specified. Payment will be made to the work as specified.	accepted. You are authorized	Signature _			
Date of Acceptance		Signature _			

Maintenance Systems of Northern Ohio

Mailing Address: P.O. Box 1203 Elyria, OH 44036 Office Address: 42208 Albrecht Rd. Elyria, OH 44035 Online: www.msnoh.com

Contact:

Phone: 440-323-1291 Fax: 440-323-5293



RECIPIENT:

City of Huron

417 Main St. Huron, Ohio 44839

Phone: 419-433-5000

Quote #3480

Sent on 10/28/2022

Estimator: Dan 419-656-6418 or

dbauer@msnoh.com

Quote Term: Quoted price valid for 30 Days

Total \$29,085.00

SERVICE ADDRESS:

Andrew Faben's Memorial Park Huron, Ohio 44839

PRODUCT / SERVICE	DESCRIPTION	TOTAL
Crackfill (Traditional)	Clean large structural cracks 1/4" or larger with a HOT AIR LANCE, and seal cracks with a CRAFCO #221 hot rubberized crack/ joint sealant.	\$5,100.00 *
	NOTES: Include white stall lines with major cracks If areas have spider webbed areas; these areas should be left alone or milled out!	
Sealcoat (Two Coats Spray)	Area will be cleaned. Oil spots will be treated with a petro seal. Sand will be added to material at 3-5 pounds per gallon with 3% latex additive. Area closed for 24 hrs. Note for damaged/alligated pavement: Seal coat appearance will reveal seepage and discoloration due to water and minerals from the sub-base.	\$19,435.00 *
Re-stripe	Re-stripe pavement per existing layout (meets ODOT 740.02 Spec). Includes: 341 Regular White Stalls 9 ADA Stalls with access aisles 3100 LF Misc hashed lines 3 Crosswalks 1 Stop Bar 1000 LF Double Yellow Centerline 650 LF Single White Edge lines (2x325')	\$4,550.00 *
	Job Notes: Uneven or poor pavement conditions will adversely affect pavement markings; MSNOH will not be responsible for associated irregularities in appearance. Note on Paint Supply: The country is suffering a paint shortage due to supply chain issues. Prices have increased as much as 65% and supply is questionable. Pricing and availability are subject to change.	
Notes	Work area includes Adams Avenue feeder drive, Fabens Way entrance drive from Cleveland Road and main parking lots. Excludes walking trails	

Maintenance Systems of Northern Ohio

Mailing Address: P.O. Box 1203

Elyria, OH 44036

Office Address: 42208 Albrecht Rd. Elyria, OH 44035 Online: www.msnoh.com

Contact: Phone: 440-323-1291

Fax: 440-323-5293



PRODUCT / SERVICE	DESCRIPTION	TOTAL
Terms & Conditions	All prices are subject to change due to supply chain, fuel and labor shortages. Customer will be informed of any price changes prior to work being performed. Approval of extra cost must be confirmed by owner (text or email).	
	Mobilizations - Job is bid at a specific number of mobilizations/visits (see line items for number). There will be an extra charge for each additional mobilization executed.	
	Acceptance of Proposal - The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Customer agrees to assume the full amount, paid due upon receipt of invoice.	

Total

\$29,085.00

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Sign and date below to accept proposal.

Signature:	 Date:	



Seal Coatings

- Free Estimates
- Chip Sealing All Paving New Roads

No. 2195

Parking Lots

1-419-528-9536

2012 East Perkins Ave. PMB 167 • Sandusky, OH 44870 • www.swartz-paving.com

Date:1	1/01/2022	Pigas Ereisa mig	o selbiez ju		Through to	A PRINCIPLE CA
Customer Name(s):	Fabens p	ark	CE THE ENG TO	truces local		
Phone:	Full Tot Action	1001 E 6816 LUCI	Dhonor		active that it is	Technic and the
Address:			_ Phone:	Autom Pro No.		
City: Huron	Mag 15 ft veyle	HORNOUS REAL PROPERTY.	Ctata	Ohio	7in.	44839
The undersigned CUSTOMERS hereby covenant and agree that they are the owners of the above property on which the work is to be performed, and to pay in full, upon completion of the work, all amounts due for such work, including all labor, materials and workmanship necessary to install, construct and perform the below work on Customer's said property, and to pay any applicable interest and costs assessed as set forth herein below.						
Estimated Date Work to			_ Estimated D	ate of Completi	on:	
WORK TO BE PERFOR ☐ Driveway ☐ Regrade Additional Information:	Par Sea 1 clean fill may 2 power blow	cked boxes) king Lot al Coat ajor cracks with and clean lot ats of commercia		er crack filler	Chip Seal Striping master	
COST OF WORK:	Total Price	\$ 63,450.00	TO AL SIERCE	JERES IS IS .	Δnnrovimat	tely 204,096 sq ft
	Deposit	\$ 63,450.00	15			lely 204,030 34 It
and the art that the co	Balance	\$ 00,430.00	(Due upon o	completion of ab	ove work)	
THE UNDERSIGNED COVENANT AND AGREE: That the customer(s) and contractor shall comply with and be bound by all the terms and conditions of this contract, including specifically all of the terms and conditions set forth and stated on the reverse side hereof.						
here is a one year guarantuarantee specified on revi						
ustomer:						
ıstomer:			Make Check	s Payable To:	Scott	Swartz

RESOLUTION NO. 105-2022

Introduced by Matt Grieves

A RESOLUTION AUTHORIZING THE CITY MANAGER TO ACCEPT THE PROPOSAL AND ENTER INTO AN AGREEMENT WITH MAINTENANCE SYSTEMS OF NORTHERN OHIO RELATING TO THE FABENS PARK 2023 PAVEMENT MAINTENANCE PROGRAM IN AN AMOUNT NOT TO EXCEED TWENTY-NINE THOUSAND EIGHTY-FIVE AND 00/100 DOLLARS (\$29,085.00)

BE IT RESOLVED BY THE COUNCIL OF THE CITY OF HURON, OHIO:

SECTION 1. That the City Manager shall be, and he hereby is, authorized and directed to accept the proposal and enter into an agreement with Maintenance Systems of Northern Ohio for pavement maintenance services relating to the Fabens Park 2023 Pavement Maintenance Program in an amount not to exceed Twenty-Nine Thousand Eighty-Five (\$29,085.00), which agreement shall be substantially in the form of Exhibit "A" attached hereto and made a part hereof.

SECTION 2. That this Council hereby finds and determines that all formal actions relative to the adoption of this Resolution were taken in an open meeting of this Council and that all deliberations of this Council and of its Committees, if any, which resulted in formal action, were taken in meetings open to the public in full compliance with applicable legal requirements, including O.R.C. §121.22.

SECTION 3. That this Resolution shall be in full force and effect from and immediately after its adoption.

		Monty Tapp, Mayor
ATTEST:		
	Clerk of Council	
∆DOPTED:		

Maintenance Systems of Northern Ohio

Mailing Address: P.O. Box 1203 Elyria, OH 44036 Office Address: 42208 Albrecht Rd. Elyria, OH 44035 Online: www.msnoh.com

Contact:

Phone: 440-323-1291 Fax: 440-323-5293



RECIPIENT:

City of Huron

417 Main St. Huron, Ohio 44839

Phone: 419-433-5000

Quote #3480

Sent on 10/28/2022

Estimator: Dan 419-656-6418 or

dbauer@msnoh.com

Quote Term: Quoted price valid for 30 Days

Total \$29,085.00

SERVICE ADDRESS:

Andrew Faben's Memorial Park Huron, Ohio 44839

PRODUCT / SERVICE	DESCRIPTION	TOTAL
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	NOTES: Include white stall lines with major cracks If areas have spider webbed areas; these areas should be left alone or milled out!	
Sealcoat (Two Coats Spray)	Area will be cleaned. Oil spots will be treated with a petro seal. Sand will be added to material at 3-5 pounds per gallon with 3% latex additive. Area closed for 24 hrs. Note for damaged/alligated pavement: Seal coat appearance will reveal seepage and discoloration due to water and minerals from the sub-base.	\$19,435.00 *
Re-stripe	Re-stripe pavement per existing layout (meets ODOT 740.02 Spec). Includes: 341 Regular White Stalls 9 ADA Stalls with access aisles 3100 LF Misc hashed lines 3 Crosswalks 1 Stop Bar 1000 LF Double Yellow Centerline 650 LF Single White Edge lines (2x325')	\$4,550.00 *
	Job Notes: Uneven or poor pavement conditions will adversely affect pavement markings; MSNOH will not be responsible for associated irregularities in appearance. Note on Paint Supply: The country is suffering a paint shortage due to supply chain issues. Prices have increased as much as 65% and supply is questionable. Pricing and availability are subject to change.	
Notes	Work area includes Adams Avenue feeder drive, Fabens Way entrance drive from Cleveland Road and main parking lots. Excludes walking trails	

Maintenance Systems of Northern Ohio

Mailing Address: P.O. Box 1203

Elyria, OH 44036

Office Address: 42208 Albrecht Rd. Elyria, OH 44035 Online: www.msnoh.com

Contact: Phone: 440-323-1291

Fax: 440-323-5293



PRODUCT / SERVICE	DESCRIPTION	TOTAL
Terms & Conditions	All prices are subject to change due to supply chain, fuel and labor shortages. Customer will be informed of any price changes prior to work being performed. Approval of extra cost must be confirmed by owner (text or email).	
	Mobilizations - Job is bid at a specific number of mobilizations/visits (see line items for number). There will be an extra charge for each additional mobilization executed.	
	Acceptance of Proposal - The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Customer agrees to assume the full amount, paid due upon receipt of invoice.	

Total

\$29,085.00

*								
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Sign and date below to accept proposal.

Signature:	 Date:	



TO: Mayor Tapp and City Council FROM: Stuart Hamilton, Service Director

RE: Ordinance No. 2022-58 (*submitted by Stuart Hamilton*)

DATE: November 22, 2022

Subject Matter/Background

Since the beginning of the Cable TV franchise, it was managed at the local level. In 2007 the State of Ohio took control of Cable TV franchise agreements, and as each one expires on a local level, the franchise is moved to the Sate and assigned a local locality. Along with the local franchise came a franchise fee that was paid to the local municipality. This ordinance will allow us to still receive our 5% franchise fee from the utility.

As a point of clarification, this covers only Cable TV services and not any internet or phone services.

Financial Review

The revenue received from this contract has been significant over the years. City received up to \$130,000 in one year with this agreement in the General Fund. Due to more streaming services and fiber infrastructure going in around the City, the revenue has decreased to \$100,000 to \$110,000.

Legal Review

The matter has been reviewed, follows normal administrative procedure, and is properly before you.

Recommendation

If Council is in agreement with the request, a motion adopting Ordinance No. 2022-58 is in order.

Ordinance No. 2022-58 Establish Video Service Provider Fee.docx

ORDINANCE NO. 2022-58

Introduced by Joel Hagy

AN ORDINANCE ESTABLISHING A VIDEO SERVICE PROVIDER FEE TO BE PAID BY ANY VIDEO SERVICE PROVIDER OFFERING VIDEO SERVICE IN THE CITY; AUTHORIZING THE CITY MANAGER TO GIVE NOTICE TO THE VIDEO SERVICE PROVIDER OF THE VIDEO SERVICE PROVIDER FEE; AND DECLARING AN EMERGENCY.

WHEREAS, the Ohio General Assembly enacted Sections 1332.21 through 1332.34 of the Ohio Revised Code, effective September 24, 2007, to provide a statewide "uniform regulatory framework" for the provision of cable television and/or other video service (the "Video Law"); and

WHEREAS, under the Video Law a video service provider that is providing video service to subscribers in the City pursuant to a state-issued video service authorization must pay the City a video service provider fee ("VSP Fee") based on a percentage of the provider's gross revenues received from providing video service in the City, not to exceed five percent (5%) of such gross revenues: and

WHEREAS, the Video Law requires that the percentage of gross revenues on which VSP Fees are paid must be the same as the percentage of gross revenues that a cable operator pays pursuant to a franchise agreement that is in effect in the City (the VSP Fee Percentage") or, if there is no effective franchise agreement under which franchise fees are payable for a given calendar quarter, the VSP Fee percentage shall be zero percent (0%) of gross revenues unless the City determines by Ordinance that the VSP Fee will be a percentage of gross revenues not to exceed five percent (5%) of gross revenues; and

WHEREAS, the Video Law further requires the City to provide a video service provider with written notice of the VSP Fee Percentage within ten (10) days of receiving notice from the video service provider, pursuant to R.C. 1332.27(A), that it will begin offering service in the City; and

WHEREAS, the Video Law provides that advertising revenues will not be included in the gross revenues base upon which the VSP Fee Percentage is applied unless the City specifically enacts an Ordinance uniformly applicable to all video service providers requiring that advertising revenues also be included in the gross revenues base; and

WHEREAS, the Video Law requires the City to promptly notify affected video service providers of the Ordinance that requires the inclusion of advertising revenues in the gross revenues base and that requirement will not take effect until the first day of the first calendar quarter that begins more than thirty (30) days after giving such notice of the Ordinance; and

WHEREAS, in order to provide timely notice to a video service provider of the VSP Fee Percentage and of the inclusion of advertising revenues in the VSP Fee gross revenues base, it is necessary for this Council (i) to establish the VSP Fee Percentage; (ii) to include advertising revenues in the VSP Fee gross revenues base, and (iii) to authorize the City Manager to provide

the appropriate notice of the VSP Fee Percentage and the inclusion of advertising revenues in gross revenues to a video service provider within ten (10) days of the City receiving notice that a video service provider will begin providing service in the City.

NOW, THEREFORE, BE IT ORDAINED BY THE COUNCIL OF THE CITY OF HURON, OHIO:

SECTION 1. That this Council of the City of Huron hereby establishes a VSP Fee that is calculated by applying a VSP Fee Percentage of five percent (5%) to the video service provider's gross revenues as defined in Section 1332.32(B) of the Video Law. For purposed of calculating the VSP Fee, the provider's gross revenues shall include advertising revenues in accordance with Section 1332.32(B)(2)(g) of the Video Law. The VSP Fee Percentage and Video Law gross revenues definition, as modified in this Ordinance, shall apply equally to all video service providers and cable television operators providing video service in the City.

SECTION 2. That the VSP Fee shall be paid by each video service provider providing service in the City on a quarterly basis but not sooner than forty-five (45) days nor later than sixty (60) days after the end of the each calendar quarter. R.C. §1332.32(A).

SECTION 3. That the City Manager is authorized and directed to provide any video service provider with notice of the VSP Fee Percentage and gross revenues definition as determined by this Council above, which notice shall be given by certified mail, upon receipt of notice from such video service provider that it will begin providing video service in the City pursuant to a state-issued video service authorization.

SECTION 4. That it is found and determined that all formal actions of the Council concerning and relating to the adoption of the Ordinance were adopted in an open meeting of this Council, and all deliberations of the Council and any of its committees that resulted in such formal action were in meetings open to the public in compliance with all legal requirements.

<u>SECTION 5</u>. That this Ordinance is hereby declared to be an emergency measure necessary for the immediate preservation of the public health, safety and welfare in order to ensure that the City of Huron receives appropriate fees from persons providing video and/or cable service in the City using the City's rights-of-way, this Ordinance shall become immediately effective upon receiving the affirmative vote of two-thirds of all members elected to Council and approval of the Mayor, otherwise from and after the earliest period allowed by law.

		Monty Tapp, Mayor
ATTEST: _	Clerk of Council	-
ADOPTED:		_



TO: Mayor Tapp and City Council

FROM: Cory Swaisgood

RE: Ordinance No. 2022-61 (*submitted by Cory Swaisgood*)

DATE: November 22, 2022

Subject Matter/Background

Chapter 161 of the City's Administrative Code currently dictates the amount of on-call pay an employee can receive in the departments of utilities, streets, and parks. This section is currently inconsistent with the union contracts for utilities and streets. These contracts receive 2 hours of on-call pay while the current administrative code allows for 1 hour of on-call pay.

In an effort to provide consistency with the union contracts and offer the parks employees similar pay, the administration is requesting the code be amended to increase the number of on-call pay from 1 hour to 2 hours.

Financial Review

The increase will be included int he 2023 budget and will only have a nominal impact on personnel costs in the Parks and Recreation budget.

Legal Review

The matter has been reviewed, follows normal administrative procedure and is properly before you.

Recommendation

If Council is in agreement with the request, a motion adopting Ordinance No. 2022-61 is in order.

Ordinance No. 2022-61 Revision to 161.04(j) On-Call Pay.docx

ORDINANCE NO. 2022-61

Introduced by William Biddlecombe

AN ORDINANCE REPEALING AND AMENDING AND RESTATING SUBSECTION (j) OF SECTION 161.04 (POSITION AND SALARY SCHEDULE) OF CHAPTER 161 (DIVISION OF PERSONNEL) OF THE CITY OF HURON CODIFIED ORDINANCES; AND DECLARING AN EMERGENCY.

BE IT ORDAINED BY THE COUNCIL OF THE CITY OF HURON, OHIO:

SECTION 1. That Subsection (j) of Section 161.04 (Position and Salary Schedule) of Chapter 161 (Division of Pesonnel) of the Codified Ordinances of the City of Huron which currently reads as follows:

161.04

"(j) Each employee of the Division of Utilities and of the Division of Streets and Parks, when placed on a standby basis by the department or division head, shall receive compensation in addition to his regular salary in an amount equal to one hour of such employee's regular rate for each such day on call."

shall be and is hereby repealed and amended and restated as set forth in Section 2 below.

SECTION 2. That Subsection (j) of Section 161.04 (Position and Salary Schedule) of Chapter 161 (Division of Personnel) of the Codified Ordinances of the City of Huron is hereby amended and restated to read as follows:

161.04

"(j) Except as otherwise provided in any one or more controlling collective bargaining agreements, each employee of the Division of Utilities and of the Division of Streets and Parks, when placed on an "on call" basis by the department or division head, shall receive compensation in addition to his regular salary in an amount equal to two (2) hours of such employee's regular rate for each such twenty-four (24) hour period that the employee is on call. Such "on call" pay shall be in addition to pay for actual hours worked on call."

SECTION 3. It is hereby found and determined that all formal actions of this Council concerning and relating to the passage of this Ordinance were adopted in an open meeting of this Council and that all deliberations of this Council and any of its committees that resulted in such formal action were in meetings open to the public in compliance with all legal requirements, including O.R.C. §121.22.

	all take effect and be in force from and after January minimum time period contained in Section 3.06 of
the Charter of the City of Haron.	
-	Monty Tapp, Mayor
ATTEST: Clerk of Council	

ADOPTED:



TO: Mayor Tapp and City Council FROM: Terri Welkener, Clerk of Council

RE: Ordinance No. 2022-62 (submitted by Cory Swaisgood)

DATE: November 22, 2022

Subject Matter/Background

Ordinance No. 2022-62 requests the Council's authorization for changes to the annual budget appropriations. Please refer to Exhibit "A" of the ordinance for the detail.

Financial Review

See Exhibit "A" for financial review and details of supplemental appropriations.

Legal Review

The matter has been reviewed, follows normal administrative procedure and is properly before you.

Recommendation

The Council should consider a motion adopting Ordinance No. 2022-62 as presented in order to maintain budgetary compliance.

Ordinance No. 2022-62 Appropriations Ordinance.doc Ord. 2022-62 Exhibit A.pdf

ORDINANCE NO. 2022-62

Introduced by Joel Hagy

AN ORDINANCE AMENDING ORDINANCE NO. 2021-41, ADOPTED DECEMBER 14, 2021, TO PROVIDE FOR SUPPLEMENTAL APPROPRIATIONS FROM THE GENERAL FUND AND OTHER FUNDING SOURCES.

WHEREAS, pursuant to Ordinance No. 2021-41, adopted December 14, 2021, Huron City Council adopted the annual budget for the fiscal year ending December 31, 2022 for the operations of all City departments and offices; and

WHEREAS, Council has established various funds for the financial operation of the City, and through the current fiscal year certain funds have been determined to have insufficient funds and certain Funds have been determined to have excess funds; and

WHEREAS, it is necessary to amend the budget to reflect supplemental appropriations and appropriation transfers between funds to accommodate the operational needs of certain City departments and offices and to assure all funds of the City are in proper balance.

BE IT ORDAINED BY THE COUNCIL OF THE CITY OF HURON, OHIO:

SECTION 1. That Exhibit "A" of Ordinance No. 2021-41, adopted on the 14th day of December, 2021, as amended by Ordinance No. 2022-8 on January 25, 2022, as amended by Ordinance No. 2022-18 adopted on March 22, 2022, as amended by Ordinance 2022-24 adopted on April 26, 2022, as amended by Ordinance 2022-25 adopted on May 10, 2022, as amended by Ordinance 2022-30 adopted on May 24, 2022, as amended by Ordinance No. 2022-39 adopted on July 12, 2022, as amended by Ordinance No. 2022-41 adopted on July 26, 2022, as amended by Ordinance No. 2022-43 adopted on August 9, 2022 (and as amended on August 30, 2022), as amended by Ordinance No. 2022-46 adopted on August 30, 2022, as amended by Ordinance No. 2022-49 adopted on September 27, 2022, as amended by Ordinance No. 2022-53 adopted on October 11, 2022, and as amended by Ordinance No. 2022-56 adopted on October 25, 2022, is hereby amended to provide for supplemental appropriations and appropriation transfers between funds as to each fund set forth in Exhibit "A" attached hereto and made a part hereof.

SECTION 2. That the Director of Finance and the City Manager are hereby authorized to expend the funds herein appropriated for the purpose of paying the operating expenses of the City for the fiscal year ending December 31, 2022, and to make the necessary entries on the accounting records of the City to reflect the appropriations and expenditures herein authorized to properly balance the various funds of the City.

SECTION 3. That it is hereby found and determined that all formal actions of this Council concerning and relating to the passage of this Ordinance were adopted in an open meeting of this Council and that all deliberations of this Council and any of its committees that resulted in such formal action were in meetings open to the public in compliance with all legal requirements, including O.R.C. §121.22.

	Monty Tapp, Mayor
ATTEST:	
ADOPTED: .	

<u>SECTION 4</u>. That in accordance with Section 3.06 of the Charter of the City of Huron, appropriation ordinances shall take effect immediately; **WHEREFORE**, this Ordinance shall take effect immediately upon its adoption.

CITY OF HURON BUDGET APPROPRIATION ADJUSTMENTS, AND CASH TRANSFERS SUMMARY SHEET

Exhibit A

DATE: 11/22/2022 ORDINANCE: 2022-62

Appropriation Measure

Reason for Appropriation Measure

The appropriation measures below are necessary and related to the followin items:

- 1. Transfers from the General Fund are shown in the cash transfer request below. Budget is needed in the General Fund to make these end of year cash transfers for garbage services, street maintenance, and tennis court replacement.
- 2. Supplemental budget increases are necessary in various funds (Garbage, Parks Foundation, Parks and Rec, and Capital Improvement) to properly encumber for purchases and projects, including the design contract for Sawmill Parkway Improvements.
- 3. Initial budget is needed to account for the Note activity within the newly created Sawmill Creek Resort TIF funds.
- 4. Additional cash transfers from the Water Fund to the Water Capital Fund are necessary to budget for various projects, including the S. Main Street Waterline project.
- 5. The reduction in the Water Capital Fund total budget is due to the initial appropriations being higher than needed. This was due to approval of the Tube Settlers project purchase order prior to year end in 2021.

In accordance with the Ohio Revised Code, Council must approve supplemental appropriations, budget transfers above the City's legal level of control, and cash transfers. The net overall budgetary impact is (\$3,495,000). However, the City has sufficient resources or grant/loan agreements in place to fund these appropriation increased.

APPROPRIATION MEASURE

Fund Name	Fund Number	Department/Activity	Object Level	Increase/(Decrease) Amount	Total Appropriations After Adjustment
GENERAL FUND	110	Transfers Out	TRANSFERS OUT	\$ 510,000	\$ 6,010,099
GARBAGE FUND	201	Garbage	OTHER EXPENSES	\$ 125,000	\$ 927,428
PARKS & REC FUND	207	Parks&Rec	OTHER EXPENSES	\$ 30,000	\$ 794,640
PARKS FOUNDATION FUND	211	Parks &Rec	OTHER EXPENSES	\$ 5,000	\$ 12,496
CAPITAL IMPROVEMENT FUND	401	General Capital	OTHER EXPENSES	\$ 300,000	\$ 5,306,105
SAWMILL CREEK IMPROV TIF	421	TIF	OTHER EXPENSES	\$ 2,016,667	\$ 2,016,667

SAWMILL CREEK INFRAST TIF	422	TIF	OTHER EXPENSES	\$ 1,008,333	\$ 1,008,333
WATER FUND	604	Transfers Out	TRANSFERS OUT	\$ 500,000	\$ 965,000
WATER CAPITAL FUND	603	Water Capital	OTHER EXPENSES	\$ (1,000,000)	\$ 4,706,291

NET IMPACT ON TOTAL APPOPRIATIONS \$ 3,495,000.00

Cash Transfer between Funds

Reason for Cash Transfer:

These are additional cash transfers discussed during the 2023 budget meetings. A cash transfer is necessary from the General Fund to the Garbage Fund to cover significant increases in monthly fuel recorvery charges from Republic Services. A cash transfer from the General Fund to the Street Maintenance Fund is necessary to fund road striping in 2023. The cash transfer from the General Fund to the Capital Equipment Fund is for Fabens Park tennis courts. The Water Fund's transfer to the Capital Fund is related to projects beginning in 2022 that will not begin construction until 2023, such as the S. Main Waterline Project. These projects will be reimbursement by grants and loans.

CASH TRANSFER FROM:

Cash Transfer From:	Cash Transfer From:		Cash Transfer To:		
Fund Name	Fund Number	Fund Name	Fund Number		Amount
GENERAL FUND	110	GARBAGE FUND	201	\$	100,000.00
GENERAL FUND	110	CAPITAL EQUIP FUND	403	\$	260,000.00
GENERAL FUND	110	STREET FUND	212	\$	150,000.00
WATER FUND	604	WATER CAPITAL	603	\$	500,000.00



TO: Mayor Tapp and City Council

FROM: Cory Swaisgood

RE: Ordinance No. 2022-64 (*submitted by Matt Lasko*)

DATE: November 22, 2022

Subject Matter/Background

The Sawmill Creek TIF ordinance will need amended to allow the City to use the section .41 TIF proceeds on public improvements, instead of just private improvements. Since this was not specifically clear in the initial ordinance, Bond Counsel is recommended this change be made and passed by Council before the Note ordinance is passed to issue the debt for Sawmill Creek Resort and improvements on US 6.

Financial Review

There is no budgetary impact to this amendment.

Legal Review

The matter has been reviewed, follows normal administrative procedure and is properly before you.

Recommendation

If Council is in agreement with the request, a motion adopting Ordinance No. 2022-64 is in order.

Ordinance No. 2022-64 Sawmill Creek TIF Amendment.doc

ORDINANCE NO. 2022-64

Introduced by Sam Artino

AN ORDINANCE AMENDING SECTION 4 AND SECTION 5 OF ORDINANCE NO. 2022-26 TO AUTHORIZE AND SPECIFY ADDITIONAL PURPOSES FOR WHICH SERVICE PAYMENTS DEPOSITED INTO THE SAWMILL CREEK IMPROVEMENT TAX INCREMENT EQUIVALENT FUND AND THE SAWMILL CREEK PUBLIC INFRASTRUCTURE TAX INCREMENT EQUIVALENT FUND MAY BE EXPENDED; AND DECLARING AN EMERGENCY.

WHEREAS, this Council, by Ordinance No. 2022-26 adopted on August 30, 2022, created two new tax increment financing districts (the "Sawmill Creek TIF"), and established an urban renewal tax increment equivalent fund (the "Sawmill Creek Improvement Fund") and a public improvement tax increment equivalent fund (the "Sawmill Creek Public Infrastructure Fund"); and

WHEREAS, the City has implemented several planning initiatives to further its economic development efforts, including, but not limited to, the Vision 2020 Plan (the "Development Plan") and, as evidenced by the Development Plan, the City is "engaged in urban redevelopment" as provided in Ohio Revised Code Section 5709.41; and

WHEREAS, to create and preserve jobs and employment opportunities through urban redevelopment, the City has determined, in accordance with Ohio Revised Code Sections 5709.41, 5709.42, and 5709.43 and the Development Plan, to amend Ordinance No. 2022-26 and expand the authorized uses of the moneys deposited in the Sawmill Creek Improvement Fund to include construction and street improvements of the Western Gateway (Roundabout) and the acquisition of real property (collectively, the "Project");

NOW, THEREFORE, BE IT ORDAINED by the Council of the City of Huron, Erie County, Ohio, that:

Section 1. Section 4 of Ordinance No. 2022-26 passed on August 30, 2022, be and is hereby amended to read as follows:

"Section 4. This City Council hereby establishes pursuant to and in accordance with the provisions of Section 5709.43 of the Ohio Revised Code, the Sawmill Creek Improvement Tax Increment Equivalent Fund (the ".41 TIF Fund"), into which shall be deposited all of the Service Payments and any associated rollback payments and related interest and penalty payments distributed to the City with respect to the .41 Improvements on the .41 TIF Parcels by or on behalf of the County Treasurer as provided in Ohio Revised Code Section 5709.42, and this City Council hereby provides that all of the moneys deposited in the Fund shall be used for any or all of the following purposes:

(i) to pay any and all planning, engineering, legal, acquisition, construction, installation, and financing costs, and any and all other direct and indirect costs of the public or private improvements,

including those costs set forth in Ohio Revised Code Section 133.15(B) as costs of permanent improvements;

- (ii) to pay the interest and premium on and principal of bonds or notes, including refunding or additional bonds or notes or other obligations issued or loans entered into by the City or other governmental entity to finance costs of the .41 Improvements and the Project until such notes or bonds or other obligations or loans are paid in full, and to pay trustee and other costs related to servicing the obligations and providing and replenishing a reserve fund and to pay any costs charged by the issuer of the obligations;
- (iii) to reimburse the City or other governmental entity or a private entity under contract with the City for any funds used to pay costs of the .41 Improvements and the Project, or to pay interest, principal, or premium, and related costs on any of the aforesaid notes, bonds, loans or other obligations, prior to receipt of Service Payments; and
- (iv) to pay the School District any amount owed under the School Compensation Agreement and the JVSD any amount owed under the JVSD Compensation Agreement.

The Fund shall remain in existence so long as the Service Payments are collected and used for the aforesaid purposes, after which said .41 TIF Fund shall be dissolved in accordance with said Section 5709.43."

Section 2. Section 5 of Ordinance No. 2022-26 passed on August 30, 2022, be and is hereby amended to read as follows:

- "Section 5. This City Council hereby establishes pursuant to and in accordance with the provisions of Section 5709.43 of the Ohio Revised Code, the Sawmill Creek Public Infrastructure Tax Increment Equivalent Fund (the ".40 TIF Fund"), into which shall be deposited all of the Service Payments and any associated rollback payments and related interest and penalty payments distributed to the City with respect to the .40 Improvements on the Parcels by or on behalf of the County Treasurer as provided in Ohio Revised Code Section 5709.42, and this City Council hereby provides that all of the moneys deposited in the Fund shall be used for any or all of the following purposes:
- (i) to pay any and all planning, engineering, legal, acquisition, construction, installation, and financing costs, and any and all other direct and indirect costs of the public or private improvements, including those costs set forth in Ohio Revised Code Section 133.15(B) as costs of permanent improvements;
- (ii) to pay the interest and premium on and principal of bonds or notes, including refunding or additional bonds or notes or other obligations issued or loans entered into by the City or other governmental entity to finance costs of the Public Infrastructure

Improvements until such notes or bonds or other obligations or loans are paid in full, and to pay trustee and other costs related to servicing the obligations and providing and replenishing a reserve fund and to pay any costs charged by the issuer of the obligations;

- (iii) to reimburse the City or other governmental entity or a private entity under contract with the City for any funds used to pay costs of the Public Infrastructure Improvements, or to pay interest, principal, or premium, and related costs on any of the aforesaid notes, bonds, loans or other obligations, prior to receipt of Service Payments; and
- (iv) to pay the School District any amount owed under the School Compensation Agreement and the JVSD any amount owed under the JVSD Compensation Agreement.

The Fund shall remain in existence so long as the Service Payments are collected and used for the aforesaid purposes, after which said .40 TIF Fund shall be dissolved in accordance with said Section 5709.43."

- **Section 3**. Section 4 and Section 5 of Ordinance No. 2022-26, as passed on August 30, 2022, are hereby repealed.
- **Section 4**. This City Council finds and determines that all formal actions of this City Council concerning and relating to the passage of this ordinance were taken in an open meeting of this City Council and that all deliberations of this City Council and of any committees that resulted in those formal actions were in meetings open to the public in compliance with the law.
- **Section 5**. This Ordinance is declared to be an emergency measure necessary for the immediate preservation of the public peace, health and safety of the City, and for the further reason that this Ordinance is required to be immediately effective so that the City may proceed with the Project, which is necessary so that the City may provide for additional jobs and employment opportunities and improve the economic welfare of the City and its residents; wherefore, this Ordinance shall be in full force and effect immediately upon its passage.

Passed:			
		Monty Tapp, Mayor	
Attest:			
Clari	k of Council		



TO: Mayor Tapp and City Council

FROM: Cory Swaisgood

RE: Ordinance No. 2022-65 (submitted by Cory Swaisgood)

DATE: November 22, 2022

Subject Matter/Background

This legislation gives the administration the authority to issue notes in December for the following reasons:

- \$2 million direct subsidy to Sawmill Creek Resort for improvements, per the compensation and annexation agreement.
- \$1 million for public improvements in near the TIF'd parcels.

The note will be issued with a 9-month maturity date, which will then be bonded out for 20 to 30 years as proceeds from the Sawmill Creek Resort's TIF will begin payment to the City in 2024. The City will also have a not option to increase the \$3 million note in 9 months, pending the interest rate market and timing of future projects.

Financial Review

The note issuance will be accounted for in the newly created Sawmill Creek Resort TIF funds. Issuance costs will be rolled into the note issuance. Council will be approving a not to exceed amount.

Legal Review

The matter has been reviewed, follows normal legislative procedure and is properly before you.

Recommendation

If Council is in agreement with the request, a motion to adopt Ordinance No. 2022-65 is in order.

Ordinance No. 2022-65 Sawmill Creek Bond Issuance.doc

ORDINANCE NO. 2022-65

Introduced by Sam Artino

AN ORDINANCE AUTHORIZING THE ISSUANCE AND SALE OF NOT TO EXCEED \$3,025,000 ECONOMIC DEVELOPMENT REVENUE NOTES OF THE CITY UNDER SECTION 13, ARTICLE VIII OF THE OHIO CONSTITUTION AND CHAPTER 165 OF THE OHIO REVISED CODE TO PAY COSTS OF A "PROJECT" AS DEFINED IN SECTION 165.01 OF THE OHIO REVISED CODE, FOR THE PURPOSE OF CREATING OR PRESERVING JOBS AND EMPLOYMENT OPPORTUNITIES AND IMPROVING THE ECONOMIC WELFARE OF THE CITY AND ITS RESIDENTS AND THE STATE OF OHIO; PROVIDING FOR THE PLEDGE FOR THAT PURPOSE OF CERTAIN NONTAX REVENUES; ESTABLISHING AN ACCOUNT OR FUND OF THE CITY; APPROVING RELATED DOCUMENTS; AND DECLARING AN EMERGENCY.

WHEREAS, the City of Huron (the "City") is authorized by virtue of the laws of the State of Ohio, including, without limitation, Section 13 of Article VIII, Ohio Constitution, and Chapter 165 of the Ohio Revised Code (the "Act"), among other things, to (i) issue bonds, and notes in anticipation of those bonds, to acquire, construct, equip, or improve a "project" as defined in Section 165.01 of the Ohio Revised Code, for the purpose of creating or preserving jobs and employment opportunities and improving the economic welfare of the City and its residents and of the State of Ohio, (ii) secure such notes and bonds by a pledge of nontax revenues, as provided herein; and (iii) to pass this Ordinance and enter into related agreements, upon the terms and conditions provided herein; and

WHEREAS, to create and preserve jobs and employment opportunities, the City has determined to issue its economic development revenue bond anticipation notes (the "Notes") pursuant to the Act to provide funds necessary to pay a portion of the costs of (i) the rehabilitation of a resort hotel, and conference center including refurbishing guest rooms, common area/guest amenity upgrades, enhancements to dining spaces and conference center meeting spaces, building envelope repairs, life safety upgrades and site improvements, including upgraded utility service, parking lot enhancements, landscaping and signage and (ii) purchasing certain property (the "Property"), which such property is to be used for the furthering of economic development and urban redevelopment of the City (collectively, the "Project");

NOW, THEREFORE, BE IT ORDAINED by the Council of the City of Huron, Erie County, Ohio, that:

Section 1. <u>Definitions</u>. In addition to the words and terms elsewhere defined in this Ordinance, the following words and terms as used in this Ordinance shall have the meanings set forth below.

"Certificate of Award" means the certificate authorized by Section 3 to be signed by the Director of Finance, setting forth and determining those terms or other matters pertaining to the Notes and their issuance, sale and delivery as this Ordinance requires or authorizes to be set forth or determined therein.

"Closing Date" means the date of physical delivery of, and payment of the purchase price for, the Notes.

"Debt charges" means the principal of and interest on the Notes.

"Debt Retirement Fund" means the Debt Retirement Fund established pursuant to Section 9.

"Nontax Revenues" means all money of the City that is not money raised by taxation, to the extent available for deposit in the Debt Retirement Fund as provided in this Ordinance, including, but not limited to the following: (a) grants from the United States of America and the State of Ohio; (b) payments in lieu of taxes now or hereafter authorized by State statute to the extent not pledged to pay debt charges on other City indebtedness; (c) fines and forfeitures that are deposited in the City's General Fund; (d) fees deposited in the City's General Fund from properly imposed licenses and permits; (e) investment earnings on the City's General Fund and that are credited to the City's General Fund; (f) investment earnings on other funds of the City that are credited to the City's General Fund; (g) proceeds from the sale of assets that are deposited in the City's General Fund; (h) rental income that is deposited in the City's General Fund; (i) gifts and donations; and (j) Project Revenues.

"Notes" means the City's economic development revenue bond anticipation notes described in and the issuance of which is authorized by Section 2.

"Original Purchaser" means the original purchaser designated by the Director of Finance in the Certificate of Award.

"Parity Obligations" means any bonds, notes or other obligations of or guaranties by the City payable from Nontax Revenues on a parity with or prior to the Notes.

"Pledged Nontax Revenues" means (i) Project Revenues, (ii) proceeds of the Notes otherwise to be available to pay debt charges on the Notes, (iii) proceeds of Bonds issued to retire the Notes, (iv) all money in the Debt Retirement Fund and (v) all income and profit from the investment of the foregoing money.

"Project Revenues" means any revenues, payments, repayments, and moneys derived from the sale of all or a portion of the Property.

"Year" means the calendar year, unless otherwise specified.

The captions and headings in this Ordinance are solely for convenience of reference and do not define, limit or describe the scope or intent of any provisions or Sections of this Ordinance.

Unless otherwise indicated, any reference to a Section is a reference to a Section of this Ordinance.

Section 2. <u>Determinations by City Council</u>. This City Council finds and determines that:

- (a) The Project is a "project" as defined in the Act and is consistent with the purposes of Section 13, Article VIII of the Ohio Constitution and the utilization of the Project is in furtherance of the purposes of the Act and will benefit the people of the City and of the State by creating and preserving jobs and employment opportunities and improving the economic welfare of the people of the City and of the State.
- (b) It is necessary and proper and in the best interest of the City to, and the City shall, issue the Bonds to retire the Notes, the proceeds of which will be issued to pay direct and indirect costs of the Project. The Bonds shall be dated approximately September 1, 2023, shall bear interest payable semiannually on June 1 and December 1 of each year, at the estimated rate of 10% per year, and shall be payable as to principal in no more than 30 installments on December 1 of each year, commencing December 1, 2024, in such amounts that the debt charges on the Bonds due in each year that principal is payable are substantially equal, or such other dates and methods as then determined by Council and the Director of Finance.
- (c) This Council also determines it to be necessary to issue, and the City shall, issue, sell and deliver, as provided and authorized herein the Notes, in anticipation of the issuance of Bonds, in an aggregate principal amount not to exceed \$3,025,000 for the purpose of paying all or a portion of the costs of the Project. The Notes shall be designated "Economic Development Nontax Revenue Notes, Series 2022 (Sawmill Creek and Real Estate Acquisition Project)", or as otherwise designated by the Director of Finance in the Certificate of Award. The Notes may be combined with any other series of similar notes of the City into one sale and issue.

The Notes shall be dated the date of issuance and shall mature two hundred and seventy (270) days from the date of issuance; provided that the Director of Finance may, if it is determined to be necessary or advisable to the sale of the Notes, establish a maturity date that is any date up to one year from the date of issuance by setting forth that maturity date in the Certificate of Award. The Notes shall bear interest at a rate not to exceed 9% per year (computed on the basis of a 360 day year consisting of 12 30-day months), payable at maturity and until the principal amount is paid or payment is provided for. The aggregate principal amount of and rate of interest on the Notes shall be determined by the Director of Finance in the Certificate of Award.

Section 3. Sale of Notes.

(a) <u>To the Original Purchaser</u>. The Notes shall be awarded and sold at private sale to the Original Purchaser at a purchase price of not less than 97% of par, as determined in the Certificate of Award, and in accordance with law and the provisions of this Ordinance. The Director of Finance shall sign the Certificate of Award evidencing that sale to the Original Purchaser. Consistent with the Director of Finance's determination of the best interest of and financial advantages to the City, the Certificate of Award shall also specify (i) the date or dates on which the Notes shall be stated to mature, (ii) the rate or rates

of interest payable on the Notes and the date or dates upon which interest shall be paid, (iii) the paying agent and bond registrar (if applicable), and (iv) the terms, if any, upon which the Notes are subject to prepayment or redemption. The Notes shall be negotiable instruments in accordance with the Act, and the Notes shall express on their faces the purpose for which they are issued and such other statements or legends as may be required by law. The City Manager, the Director of Finance, the Director of Law, the Clerk of the City Council and other City officials, as appropriate, are each authorized and directed to sign any transcript certificates, financial statements and other documents and instruments and to take such actions as are necessary or appropriate to consummate the transactions contemplated by this Ordinance, and all actions heretofore taken by these officers and officials in connection with the Project and the Notes are hereby certified, ratified and approved.

- (b) Note Purchase Agreement. If the Director of Finance and the Original Purchaser determine to use a Note Purchase Agreement, a Note Purchase Agreement is approved, and the City Manager and the Director of Finance may sign and deliver, in the name and on behalf of the City, the Note Purchase Agreement between the City and the Original Purchaser (the Note Purchase Agreement), with such necessary and customary terms and conditions that are not inconsistent with the provisions of this Ordinance, are not materially adverse to the interests of the City and are approved by the City Manager and the Director of Finance. Such approval by the City Manager and the Director of Finance shall be evidenced conclusively by the signing of the Note Purchase Agreement by the City Manager and the Director of Finance.
- (c) Application for Rating; Financing Costs. The Director of Finance is authorized to (i) engage the services of a municipal advisor and (ii) request a rating for the Notes from one or more nationally recognized rating services in connection with the sale and issuance of the Notes. The expenditure of the amounts necessary to engage a municipal advisor and/or secure those rating(s) and to pay the other financing costs in connection with the Notes is authorized and approved, and the Director of Finance is authorized to provide for the payment of any such amounts and costs from the proceeds of the Notes to the extent available and otherwise from any other funds lawfully available that are appropriated or shall be appropriated for that purpose.

Section 4. Payment. The debt charges on the Notes shall be payable in lawful money of the United States of America and shall be payable, without deduction for services of the City's Paying Agent, at the principal corporate trust office of The Huntington National Bank, Columbus, Ohio, at the designated office of another bank or trust company designated by the Director of Finance, after determining that the payment at that bank or trust company will not endanger the funds or securities of the City and that proper procedures and safeguards are available for that purpose, or at the office of the Director of Finance if agreed to by the Director of Finance and the Original Purchaser. If the interest on the Notes is due other than at maturity, interest shall be payable on each interest payment date by check mailed to the person in whose name the Bond was registered on the 15th day of the calendar month next preceding that interest payment date. The Director of Finance is authorized to enter into any agreements determined necessary in connection with obtaining the services of a paying agent for the Notes, after determining that the signing thereof will not endanger the funds or securities of the City.

Section 5. Execution of Notes; Book Entry System. The Notes shall be signed by the City Manager and the Director of Finance, in the name of the City and in their official capacities, provided that one of those signatures may be a facsimile. The Notes shall be issued in the denominations and numbers as requested by the Original Purchaser and approved by the Director of Finance, provided no Note shall be issued in a denomination less than \$100,000; and the entire principal amount may be represented by a single note. The Notes may be issued as fully registered securities (for which the Director of Finance, or a bank or trust company designated by the Director of Finance, may serve as bond registrar), and may be issued in book entry or other uncertificated form in accordance with Section 9.96 of the Revised Code if it is determined by the Director of Finance that issuance of fully registered securities in that form will facilitate the sale and delivery of the Notes. The Notes shall not have coupons attached, shall be numbered as determined by the Director of Finance and shall express upon their faces the purpose, in summary terms, for which they are issued and that they are issued pursuant to this Ordinance. As used in this Section and this Ordinance:

"Book entry form" or "book entry system" means a form or system under which (i) the ownership of beneficial interests in the Notes and the principal of, and interest on, the Notes may be transferred only through a book entry, and (ii) a single physical Bond certificate is issued by the City and payable only to a Depository or its nominee, with such Notes "immobilized" in the custody of the Depository or its agent for that purpose. The book entry maintained by others than the City is the record that identifies the owners of beneficial interests in the Notes and that principal and interest.

"Depository" means any securities depository that is a clearing agency under federal law operating and maintaining, with its Participants or otherwise, a book entry system to record ownership of beneficial interests in the Notes or the principal of, and interest on, the Notes and to effect transfers of the Notes, in book entry form, and includes and means initially The Depository Trust Company (a limited purpose trust company), New York, New York.

"Participant" means any participant contracting with a Depository under a book entry system and includes security brokers and dealers, banks and trust companies, and clearing corporations.

The Notes may be issued to a Depository for use in a book entry system and, if and as long as a book entry system is utilized, (i) the Notes may be issued in the form of a single Note made payable to the Depository or its nominee and immobilized in the custody of the Depository or its agent for that purpose; (ii) the beneficial owners in book entry form shall have no right to receive the Notes in the form of physical securities or certificates; (iii) ownership of beneficial interests in book entry form shall be shown by book entry on the system maintained and operated by the Depository and its Participants, and transfers of the ownership of beneficial interests shall be made only by book entry by the Depository and its Participants; and (iv) the Notes as such shall not be transferable or exchangeable, except for transfer to another Depository or to another nominee of a Depository, without further action by the City.

If any Depository determines not to continue to act as a Depository for the Notes for use in a book entry system, the Director of Finance may attempt to establish a securities depository/book entry

relationship with another qualified Depository. If the Director of Finance does not or is unable to do so, the Director of Finance, after making provision for notification of the beneficial owners by the then Depository and any other arrangements deemed necessary, shall permit withdrawal of the Notes from the Depository, and shall cause the Notes in bearer or payable to order form to be signed by the officers authorized to sign the Notes and delivered to the assigns of the Depository or its nominee, all at the cost and expense (including any costs of printing), if the event is not the result of City action or inaction, of those persons requesting such issuance.

The Director of Finance is also hereby authorized and directed, to the extent necessary or required, to enter into any agreements determined necessary in connection with the book entry system for the Notes, after determining that the signing thereof will not endanger the funds or securities of the City.

Section 6. Application of Proceeds. The proceeds from the sale of the Notes shall be paid into the proper fund or funds and those proceeds are appropriated and shall be used for the purpose for which the Notes are being issued. The par value to be received from the sale of the Notes or and any excess funds resulting from the issuance of the Notes shall, to the extent necessary, be used to pay the debt charges on the Notes and are pledged for that purpose.

Section 7. Retention of Bond Counsel. The legal services of Squire Patton Boggs (US) LLP, as bond counsel, be and are hereby retained. The legal services shall be in the nature of legal advice and recommendations as to the documents and the proceedings in connection with the issuance and sale of the Notes and the rendering of the necessary legal opinion upon the delivery of the Notes. In rendering those legal services, as an independent contractor and in an attorney-client relationship, that firm shall not exercise any administrative discretion on behalf of the City in the formulation of public policy, expenditure of public funds, enforcement of laws, rules and regulations of the State, the City or any other political subdivision, or the execution of public trusts. That firm shall be paid just and reasonable compensation for those legal services and shall be reimbursed for the actual out-of-pocket expenses it incurs in rendering those legal services. The Director of Finance is authorized and directed to make appropriate certification as to the availability of funds for those fees and any reimbursement and to issue an appropriate order for their timely payment as written statements are submitted by that firm.

Section 8. Retention of Municipal Advisor. The services of Sudsina & Associates, LLC, as municipal advisor, be and are hereby retained. The municipal advisory services shall be in the nature of financial advice and recommendations in connection with the issuance and sale of the Notes. In rendering those municipal advisory services, as an independent contractor, that firm shall not exercise any administrative discretion on behalf of the City in the formulation of public policy, expenditure of public funds, enforcement of laws, rules and regulations of the State, the City or any other political subdivision, or the execution of public trusts. That firm shall be paid just and reasonable compensation for those municipal advisory services and shall be reimbursed for the actual out-of-pocket expenses it incurs in rendering those municipal advisory services. The Director of Finance is authorized and directed, to the extent they are not paid by the Original Purchaser, to make appropriate certification as to the availability of funds for those fees and any reimbursement and to issue an appropriate order for their timely payment as written statements are submitted by that firm.

Section 9. Nontax Revenues; Debt Retirement Fund. The Notes and the Bonds shall be special obligations of the City, and the debt charges on the Notes, and the debt charges on any Bonds issued to retire the Notes, shall be payable solely from the Nontax Revenues, and such payment is secured by a pledge of the Pledged Nontax Revenues pursuant to this Ordinance. The Notes and any Bonds issued to retire the Notes are not and shall not be secured by an obligation or pledge of any money raised by taxation. The Notes and any Bonds issued to retire the Notes do not and shall not represent or constitute a debt or pledge of the faith and credit or taxing power of the City, and the owners thereof have and shall have no right to have taxes levied by the City for the payment of debt charges on the Notes. The Notes shall contain a statement to that effect and to the effect that they are payable solely from the Pledged Nontax Revenues and are not secured by an obligation or pledge of any money raised by taxation.

The City will, solely from the proceeds of the Notes, the Bonds issued to retire the Notes, or from Nontax Revenues, pay or cause to be paid the debt charges on the Notes on the dates, at the places and in the manner provided herein and in the Notes. For that purpose, this City Council, after providing for the payment of debt charges payable on the City's general obligation securities in that year from sources available for that purpose, will appropriate and maintain Nontax Revenues at such times and in such amounts as will be sufficient, together with other funds available for the purpose, including but not limited to the proceeds of Bonds issued to retire the Notes, to pay the debt charges on the Notes as if the Notes had been issued without the prior issuance of the Notes, which Nontax Revenues are hereby selected by the City pursuant to Section 165.12 of the Revised Code as moneys that are not raised by taxation. Further, this City Council will give effect to such appropriations in all ordinances it passes thereafter in that year appropriating money for expenditure and encumbrance and limit the other appropriations of Nontax Revenues in that year to the amount available after deducting the amount required for the payment of debt charges payable on the City's general obligation securities and to pay those debt charges on the Notes.

There is hereby created by the City a separate fund or account designated as the "Economic Development Nontax Revenue Debt Retirement Fund", or such other designation that may be provided pursuant to Section 13 hereof (the Debt Retirement Fund), into which shall be deposited (i) any Project Revenues upon receipt, (ii) proceeds of any Bonds to retire the Notes, and (iii) other Nontax Revenues on or prior to the date on which any debt charges on the Notes are due in an amount sufficient to pay those debt charges.

Nothing herein shall be construed as requiring the City to use or apply to the payment of debt charges on the Notes any funds or revenues from any source other than Nontax Revenues. Nothing herein, however, shall be deemed to prohibit the City, of its own volition, from using, to the extent that it is authorized by law to do so, any other resources for the fulfillment of any of the terms, conditions or obligations of this Ordinance or of the Notes.

Section 10. Additional Covenants of the City. In addition to other representations and warranties of the City contained in this Ordinance, the City covenants and agrees that:

(a) <u>Parity Obligations</u>. The City covenants that, so long as any of the Notes are outstanding, it shall not issue any Parity Obligations unless, prior to passage of the ordinance authorizing such Parity Obligations, the Director of Finance shall have certified to

this City Council that the average annual Nontax Revenues received by the City during the preceding two years, adjusted to reflect, if necessary, changes in the rates or charges resulting in the Nontax Revenues, aggregate in amount not less than 100% of the highest amount of (a) Bond debt charges and (b) required payments on such proposed Parity Obligations and any outstanding Parity Obligations due in any succeeding calendar year.

- (b) <u>Performance of Covenants and City Actions</u>. The City will at all times faithfully observe and perform all agreements, covenants, undertakings, stipulations and provisions to be performed on its part under this Ordinance and the Notes and under all proceedings of this City Council pertaining thereto. The City represents that (i) it is a municipal corporation, duly organized and existing under and by virtue of the laws of the State; (ii) it is, and upon delivery of the Notes covenants that it will be, duly authorized by the Constitution and laws of the State including particularly and without limitation the Act, and its Charter, to issue the Notes and to provide the security for payment of the debt charges on the Notes in the manner and to the extent set forth herein and in the Notes; (iii) all actions on its part for the issuance of the Notes have been or will be taken duly and effectively; and (iv) the Notes will be valid and enforceable special obligations of the City according to their terms. Each obligation of the City required to be undertaken pursuant to the Ordinance and the Notes is binding upon the City, and upon each officer or employee of the City as may from time to time have the authority under law to take any action on behalf of the City as may be necessary to perform all or any part of such obligation, as a duty of the City and of each of those officers and employees resulting from an office, trust or station within the meaning of Section 2731.01 of the Revised Code, providing for enforcement by writ of mandamus.
- (c) <u>Inspection of Project Books</u>. All non-privileged books and documents in the City's possession relating to the Project and the Nontax Revenues shall be open at all times during the City's regular business hours to inspection by such accountants or other agents of the owners of the Notes as they may from time to time designate.
- (d) <u>Transcript of Proceedings</u>. The Clerk of the City Council, or another appropriate officer or designee of the City, shall furnish to the Original Purchaser a true transcript of all proceedings had with reference to the issuance of the Notes along with such information from the records as is necessary to determine the validity of the issuance of the Notes.
- **Section 11**. <u>Taxable Status of Notes</u>. The City does not intend or represent that the interest on the Notes will be excluded from gross income for federal income tax purposes under Section 103 of the Internal Revenue Code of 1986, as amended, and the City is not and shall not be obligated to take any action to attempt to secure or maintain any such exclusion.
- **Section 12**. <u>Discharge of Covenants</u>. If the City shall pay or cause to be paid and discharged the Notes, the covenants, agreements and other obligations of the City hereunder and in the Notes shall be discharged and satisfied.

Section 13. Multiple Series. If, in the judgment of the Director of Finance or the City Manager, it is in the best interest of and financially advantageous to the City to sell a portion of the Notes separately from another portion of the Notes, the Director of Finance or City Manager may provide for such separate sales and the provisions of this Ordinance shall apply to each such sale and designation, and references to "Paying Agent", "Certificate of Award", "Closing Date", "Debt Retirement Fund", and "Original Purchaser" shall include the Paying Agent, Certificate of Award, Closing Date, Debt Retirement Fund and Original Purchaser for the Notes sold separately pursuant to this Section 13, along with any other terms deemed appropriate in each Certificate of Award.

Section 14. City Council Determination. This City Council determines that all acts and conditions necessary to be performed by the City or to have been met precedent to and in the issuing of the Notes in order to make them legal, valid and binding special obligations of the City have been performed and have been met, or will at the time of delivery of the Notes have been performed and have been met, in regular and due form as required by law; and that no statutory or constitutional limitation of indebtedness or taxation will have been exceeded in the issuance of the Notes.

Section 15. Severability. Each section of this Ordinance and each subdivision or paragraph of any section thereof is declared to be independent and the finding or holding of any section or any subdivision or paragraph of any section thereof to be invalid or void shall not be deemed or held to affect the validity of any other section, subdivision or paragraph of this Ordinance.

Section 16. Open Meetings. This City Council finds and determines that all formal actions of this City Council concerning and relating to the passage of this ordinance were taken in an open meeting of this City Council and that all deliberations of this City Council and of any committees that resulted in those formal actions were in meetings open to the public in compliance with the law.

Section 17. <u>Captions and Headings</u>. The captions and headings in this Ordinance are solely for convenience of reference and in no way define, limit or describe the scope or intent of any Sections, subsections, paragraphs, subparagraphs or clauses hereof. Reference to a Section means a section of this Ordinance unless otherwise indicated.

Section 18. <u>Declaration of Emergency; Effective Date</u>. This Ordinance is declared to be an emergency measure necessary for the immediate preservation of the public peace, health and safety of the City, and for the further reason that this Ordinance is required to be immediately effective so that the Notes can be sold at the earliest possible date, which is necessary to enable the City to meet its contractual commitments for the undertaking of the Project and so that the City may provide for additional jobs and employment opportunities and improve the economic welfare of the City and its residents; wherefore, this Ordinance shall be in full force and effect immediately upon its passage.

Passed:	
	Monty Tapp, Mayor
Attest:	
Clerk of Council	

ORDINANCE NO. 2022-63

Introduced by Monty Tapp

AN ORDINANCE AUTHORIZING THE MAYOR TO ENTER INTO AN EMPLOYMENT AGREEMENT BETWEEN THE CITY OF HURON, OHIO AND MATTHEW LASKO, AS CITY MANAGER, FOR A 5-YEAR TERM COMMENCING ON JANUARY 1, 2023 AND ENDING ON DECEMBER 31, 2027 AT A BASE SALARY OF ONE HUNDRED TWENTY-EIGHT THOUSAND FIVE HUNDRED AND 00/100 DOLLARS (\$128,500.00); AND DECLARING AN EMERGENCY

BE IT ORDAINED BY THE COUNCIL OF THE CITY OF HURON, OHIO:

SECTION 1: The Huron City Council desires to enter into an Employment Agreement with Matthew Lasko as the City Manager with all duties, functions, and authority provided to the City Manager under the Charter and Codified Ordinances.

SECTION 2: That Council authorizes the Mayor to execute an Employment Agreement for a term of five (5) years with Mr. Lasko, a true and accurate copy of which shall be maintained at the offices of the City of Huron.

SECTION 3: That it is found and determined that all formal actions of this Council concerning and relating to the adoption of this Ordinance were adopted in an open meeting of this Council, and that all deliberations of this Council and of any of its committees that resulted in such formal actions were in meetings open to the public except as otherwise permitted by law, and in compliance with all legal requirements, including Section 121.22 of the Ohio Revised Code.

SECTION 4: That this Ordinance is hereby declared to be an emergency measure necessary for the immediate preservation of the public health, safety and general welfare of the residents, and to ensure the sound fiscal administration of the City of Huron; **WHEREFORE**, this Ordinance shall take effect immediately upon its adoption.

	-	Monty Tapp, Mayor
ATTEST:	Clerk of Council	
ADOPTED:		