

HAMILTON COUNTY SOLID WASTE POLICY COMMITTEE MEETING
Wednesday, March 15, 2023
3:00 p.m.

AGENDA

1. Introduction

2. Proclamation for Bob Gedert

3. Clerk's Report

- a. Approval of Minutes – January 18, 2023 – Attachment A

4. Public Comment (3 minutes)

5. R3Source Revenue Updates/Analysis – Attachment B

6. Policy Items for Discussion

- a. Vice Chair for Policy Committee
- b. Hamilton County Solid Waste Plan Update
 - i. Plan Update Timeline
 - ii. Plan Update Changes – Attachment C
 - iii. Plan Update Ratification

7. Informational Items

- a. Waste Reduction Innovation Grant Update – Attachment D

8. Upcoming R3Source Meeting

The next scheduled Policy Committee meeting will be a meeting on **Wednesday, May 17, 2023, at 3 p.m. at Hamilton County Environmental Services, 250 William Howard Taft, 1st Floor, Cincinnati, Ohio 45219.** Zoom will also be available for persons, other than the Policy Committee, who would like to attend virtually.

9. Adjournment (Target Time - 4:30 p.m.)

**HAMILTON COUNTY SOLID WASTE POLICY COMMITTEE
MANAGER'S MEMORANDUM**

DATE: March 9, 2023
TO: Hamilton County Solid Waste Policy Committee Members
FROM: Michelle Balz, Solid Waste Manager

1. Introduction

NOTICE: This memo is for the meeting to be held Wednesday, March 15, 2023 at 3:00 p.m. This meeting will be held in person and available to the public virtually using Zoom.

Policy Committee information (Agendas, Manager's Memos, Minutes, etc.) is available on R3Source's website at www.hcdoes.org/357/Policy-Committee.

2. Proclamation Recognizing Bob Gedert

3. Clerk's Report

A. Approval of Minutes – Minutes from the January 18, 2023 Policy Committee meeting are included as Attachment A.

4. Public Comment

5. R3Source Revenue Updates/Analysis

Updates will be provided on current revenue receipts and comparisons with the prior year, as included as Attachment B.

6. Policy Items for Discussion

A. Vice Chair for Policy Committee

The Vice Chair position is now vacant. The Policy Committee should nominate and vote a member as the new Vice Chair to run the meetings in the absence of the Chair.

B. Hamilton County Solid Waste Plan Update

i. Plan Update Timeline

Staff will provide a brief overview of where we are in the Plan Update timeline.

ii. Changes to the Solid Waste Plan Since September 2022

Attachment C gives an overview of substantial changes made to the Plan Update since September 2022. Staff will present the changes from both Ohio EPA feedback and public input. Policy Committee will vote to accept or reject the changes.

iii. Plan Update Ratification

The 90-day ratification period can begin on March 15 or May 17 to stay on schedule. The Policy Committee needs to decide if they want to pass a resolution to initiate the ratification period at the March meeting or wait until May.

7. Informational Items

A. Waste Reduction Innovation Grant Update

Attachment D includes an overview of the Waste Reduction Innovation Grant proposals we received since the last update.

8. Upcoming R3Source Meeting

The next scheduled Policy Committee meeting will be a meeting on **Wednesday, May 17, 2023, at 3 p.m. at Hamilton County Environmental Services, 250 William Howard Taft, 1st Floor, Cincinnati, Ohio 45219**. A Zoom link will also be available for persons, other than the Policy Committee, who would like to attend virtually.

9. Adjournment (Target Time: 4:30 p.m.)

Attachment A

**DRAFT MINUTES OF A
HAMILTON COUNTY SOLID WASTE
POLICY COMMITTEE MEETING
In person & Zoom**

DATE: January 18, 2023

TIME: 3:00 p.m.

PLACE: Hamilton County Environmental Services
250 William Howard Taft Road, 1st Floor
Cincinnati, Ohio 45219

[Virtual meeting recording can be viewed here.](#)

PRESENT: **Policy Committee Members**

Tony DiPuccio, Generator Representative
Denise Driehaus, County Commissioner, Chair
Bob Gedert, Public Member
Craig Davidson, Hamilton County Public Health Representative
Sue Magness, Largest Municipality Representative
Domonique Peebles, General Interest Member
Matt Wahlert, Township Representative

Staff

Christin Badinghaus, Business Specialist
Michelle Balz, Solid Waste Manager
Gage Bradford, Community Specialist
Mary Copenbaker, Assistant Manager
Elise Roalef, Outreach Specialist
Brad Johnson, Director
Ali Khodadad, Operations Manager
Mike Kramer, Assistant Director
Joy Landry, Communications Specialist
Cher Mohring, Community Outreach Coordinator
Susan Schumacher, Assistant Solid Waste Specialist, Clerk

Others in Attendance

Landerson
Madeline Anderson, Easterseals Redwood
Michelle Ackenhausen, Ohio EPA
Chet Chaney, Ohio EPA
Nee Fong Chin, Prosecutor's Office
Becca Costello, WVXU
Danielle
Sally Dannemiller, Sierra Club – Miami Group
Chuck DeJonckheere, Hamilton County Public Health
Dean Ferrier, Rumpke
Ruth Hardy
Matt Hittle, Ohio EPA
Kent Huxel
Kathleen Kennedy, Springfield Twp?
Mary Knight

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Marie Kocoshis, League of Women Voters
Oliver Kroner, Office of Environment and Sustainability
Jennifer Wright Linz
Karen Luken, EESI
Tim Mara, Oxbow
Colleen McSwiggin, Cincinnati Recycling and Reuse Hub
Rich McVay
Rob Nicolls
Deputy Bryan Peak, Hamilton County Sheriff's Office
Rubossi
Julie Shifman, Last Mile Food Rescue
Matt Tietsort
Kevin Tighe, Hamilton County
Declan Tom, Cincinnati CM Jeffreys
Vivian's i Phone
Molly Yeager, Rumpke

Policy Committee Member Absent:

Greg Kesterman, Hamilton County Public Health Commissioner

1. INTRODUCTION

Ms. Driehaus called the meeting to order at 3:03 pm and asked everyone to introduce themselves.

2. PROCLAMATION FOR SUSAN SCHUMACHER

Ms. Driehaus read a Proclamation recognizing Ms. Schumacher for her years of service.

3. CLERK'S REPORT

Ms. Driehaus entertained a motion to approve the November 16, 2022 minutes. Ms. Magness moved to approve the minutes as corrected; Mr. Gedert seconded. Everyone in favor and the minutes were approved as corrected.

4. PUBLIC COMMENTS

Three public comments were given.

5. R3SOURCE REVENUE UPDATES/ANALYSIS

Ms. Balz gave a summary of the revenue report.

6. PROSECUTOR OPINION

Ms. Driehaus stated that this was held over from a previous meeting and asked if the Prosecutor's Office was going to comment on this. Ms. Chin stated that Ms. Balz sent out a memo from Andrea Neuwirth and asked if everyone received the email. Ms. Balz stated that if there were questions to email them to her.

7. POLICY COMMITTEE ITEMS

a. Hamilton County Solid Waste Plan Update

- i. Timeline – Ms. Balz gave a presentation on the Plan Update timeline and stated that there is still one comment from Ohio EPA that still needs to be addressed and that will happen today.

Ms. Balz stated that ratification may happen in March or May and after the ninety-day ratification period, the Plan will be submitted to Ohio EPA for final approval.

Ms. Balz stated that if the Committee wants to go out for ratification at the March meeting, we would need to start the thirty-day public comment period in late January and then there is very prescribed information on when you need to have that public hearing in relation to that public comment period.

Ms. Balz stated that if a lot of public comments were received and the Committee wanted more time to be able to think about those and decide what changes potentially need to be made, then it would be best to push ratification to May.

Ms. Balz stated that if there wasn't a lot of public comments or if the public comments were easily integrated and it seemed that the Committee was happy with where the Plan was, then ratification could start in March.

Ms. Balz stated that she and Mr. Gedert met to go over some of the universal waste, recycling, and composting language and how to best integrate that which is one of the updates that was made.

Ms. Balz stated that the other update was the public-private partnership. The new language is as follows: *R3Source will follow the US EPA Food Waste Diversion hierarchy when prioritizing strategies to reduce wasted food, focusing efforts on first reducing waste and then supporting food rescue. R3Source will budget \$150,000 to conduct a study to initiate a public-private partnership for an organics processing facility.*

Ms. Balz stated that what needs to be thought about with the public-private partnership is a siting strategy. If there is a possibility that the county would own the land or own the facility, Ohio EPA says that R3Source must have a siting strategy for how we go about that.

Ms. Balz stated that it can be included in the Plan that the Committee intends to form a committee to come up with a siting strategy but all this does not have to happen before the Plan is put out for ratification. Ms. Balz gave examples of what it takes to initiate a siting strategy.

A discussion ensued regarding the siting strategy.

Ms. Driehaus asked if it was true that if we were not to have publicly-owned composting or organics facility, a siting strategy would not be necessary. Ms. Balz stated that this was correct and Ohio EPA is very specific in that a siting strategy is for a government owned facility. Ms. Driehaus asked with the goal of being more aggressive related to food waste and organics and asked if it was a public-private partnership, is it a public doing it, is it the City, is it the County. Ms. Driehaus stated that she feels like these questions have been unanswered. Ms. Driehaus asked if language in the Plan could contemplate all of the above since we are not sure where we are going to head on this.

Ms. Driehaus stated that she didn't mind putting a time frame to it to kind of get it going but she does not want to box us in so we do not have an opportunity to say, for example that the City if doing this, why don't we partner with the City and work with them or the private sector for that matter. Ms. Driehaus stated that she wanted something flexible.

Further discussion ensued about the timeline for the siting strategy. Ms. Driehaus stated that we can have a date to start but not an end date because we don't know how long it is going to take.

Ms. Driehaus encapsulated the discussion by stating, yes, a siting strategy, leave it fairly open ended because we do not know what the nature of it will be, put a committee together in year one of the Plan which is 2024 to start to look at the siting strategy implementation of getting into the collection of organics. Mr. Wahlert added that the siting strategy subcommittee could then come up with a working timeline.

ii. Fee Increase

Mr. Gedert stated that he assumed everyone read Attachment C. Mr. Gedert summarized the attachment. Mr. Gedert stated that to be clear, this is not a rate increase to Hamilton County residents; that is Tier One.

Mr. Gedert stated that the purpose of the fee increase is to try using market forces to prevent waste from coming into Hamilton County due to the fact that Tier II is fifty-four percent and gave examples of what could happen.

Mr. Gedert stated that this will also raise revenues for the District to be used for particular purposes that were not included in the budget because there was not enough funding. i.e., expansion of the HHW program, purchasing land if the siting committee recommends it, etc.

Mr. Gedert moved that the Hamilton County Solid Waste Management District Policy Committee approve revisions to the Hamilton County Solid Waste Management District's Update to the 2024 – 2038 Plan for the purpose of increasing out-of-district disposal fees as follows:

- On January 1, 2025, the out-of-district (Tier Two) fee be increased from \$2.00/ton to \$2.50/ton;
- On January 1, 2026, the out-of-district (Tier Two) fee be increased from \$2.50/ton to \$3.00/ton.
- On January 1, 2027, the out-of-district (Tier Two) fee be increased from \$3.00/ton to \$3.50/ton.
- On January 1, 2028, the out-of-district (Tier Two) fee be increased from \$3.50/ton to \$4.00/ton.

Ms. Magness seconded.

Ms. Driehaus stated that she reached out to the City and have tried to come up with some language that talks about it not in terms of doing it right now with this motion, rather than including something in the Plan that is fairly definitive that talks about contemplating a study that is more comprehensive. Also, getting a better understanding on what we would fund with an increased fee and feels that organics is on the radar for everyone.

Ms. Driehaus stated that she feels that it is premature to raise fees right now and stated that she is not comfortable with it. Included as Attachment D is a draft that talks through some of this. Her expectation is that there will be language that everyone can agree to but the idea is to have this conversation to have it broadly throughout the community to let people have some input about the fee increase and what the money would be used for. She feels that this would help have a broader idea base as to what the money could be used for.

Ms. Driehaus stated that she would continue to work on this and share it with the Committee so everyone's up to date.

Each member gave their comments regarding the fee increase. Mr. Wahlert asked if the motion is defeated, could it be brought back at the next meeting from someone from the losing side. Ms. Chin stated yes.

Ms. Driehaus stated that all those in favor on the motion indicate by saying aye. Mr. Gedert, Ms. Magness, and Mr. Peebles voted aye and Ms. Driehaus, Mr. DiPuccio, Mr. Davidson, and Mr. Wahlert all voted no.

iii. Aspirational Diversion Goal

Ms. Balz stated that she really pushed to include the aspirational goal in the Plan but it is not required by Ohio EPA. R3Source has exceeded the state mandated goals for a while now and felt it was important to have a goal that we are working towards in this Plan.

Ms. Balz stated that the goal is a thirty percent increase in diversion which works out to one percentage point per year. Ms. Balz stated that she is going to change this wording since she feels it's not worded very well.

Ms. Balz stated that she thinks there are areas where the diversion rate could be increased. The diversion rate has been broken into residential, commercial, and industrial. In her presentation, the first column is where R3Source was in 2020 which is the baseline year of the Plan (the industrial is sixty-eight percent which is without the flue gas desulphurization).

Ms. Balz stated that that she is working on increasing these numbers and thought that the commercial sector had the most potential.

Ms. Balz stated that much of the growth from the residential sector is based on communities that do not have automatic recycling; increasing their access.

Ms. Balz stated industrial will be more difficult. R3Source has industrial programs but does not think it is a sector that significant increased diversion will be seen. What would change this is anaerobic digestion.

A brief question and answer question ensued.

iv. Household Hazardous Products (HHP)

Ms. Balz stated that R3Source will be doing the regular HHP Event but staff has added a pilot community component and explained what this was.

Ms. Balz stated that also staff has been talking with Rumpke and the Recycling and Reuse Hub about a lithium ion battery drop-off. This would target materials we know have caused fires.

Ms. Balz stated that all the credit goes to the Hub as they have been doing all the work on this. R3Source could be a potential partner with helping to fund this.

b. Ohio EPA Market Development Grant

Ms. Balz stated that staff has been approached by Rumpke to apply for a Market Development Grant on their behalf which is how Ohio EPA's Market Development Grants works for private companies; they must have a passthrough organization.

Ms. Copenbaker stated that Rumpke's project is to do some equipment modifications at their St. Bernard Recycling Facility so they can better target PET plastic bottles to make sure these are being baled in a purer PET bale versus a more general 1 – 5 plastic bale that is not as marketable and the market that is a little more volatile.

Ms. Balz stated that they have a letter of support from the Village of St. Bernard.

Ms. Balz stated that a vote from the Committee is needed in order to apply for this grant.

A brief question and answer session ensued.

Ms. Magness moved to approve. Mr. Wahlert seconded. All in favor and the motion was approved.

c. Impact Grants

Ms. Balz stated that as a result of a motion from Karen Hurley earlier this year the Impact Grant has been created for \$500,000; each request up to \$100,000. Almost two million dollars' worth of applications have been received.

Ms. Mohring summarized the review process and gave an overview of each organization recommended for funding.

Ms. Driehaus suggested for next year to potentially increase the budget for these grants.

Mr. Peebles stated that many were asking for the same thing. Ms. Driehaus stated that next year, we can have a conversation regarding this.

Mr. Gedert asked if, under eligibility, he is concerned with replacing equipment and asked if this was allowed in this grant and if so, this may want to be reviewed in future rounds to not allow replacing existing equipment.

Mr. DiPuccio moved to approve the staff's recommendation for the Impact Grants. Mr. Wahlert seconded. All in favor and the motion was approved.

d. Public Member

Ms. Driehaus stated that a subcommittee of two Committee members was formed to evaluate. Ms. Magness stated that she and Mr. Wahlert interviewed five candidates.

Mr. Magness stated that Ms. McSwiggin was selected as the recommended new Public Member and gave background information. Mr. Wahlert also spoke of her background and why they agreed to select her for the new Public Member position on the Committee.

Members spoke of Mr. Gedert's impacts on the Committee. Ms. Driehaus stated that she would like to have a report on a collection of changes due to Mr. Gedert's impact on the Committee.

Ms. Balz reminded the members that only the four statutory members could vote.

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Ms. Magness moved to nominate Colleen McSwiggin for the Public Member position on the Policy Committee. Mr. Wahlert seconded. Ms. Driehaus and Mr. Davidson were also in favor so the motion was approved.

8. INFORMATIONAL ITEMS

Ms. Balz stated that Attachment F was an overview of the Waste Reduction Innovation Grants received since the last meeting and the Committee could read about them at their leisure.

9. UPCOMING DISTRICT MEETINGS

The next Policy Committee meeting will be Wednesday, March 15, 2023 at 3:00 p.m. at Hamilton County Environmental Services, 250 William Howard Taft Road, 1st Floor, Cincinnati, Ohio 45219.

Mr. Gedert said a few final words and thanked everyone.

10. ADJOURNMENT (Target Time – 4:30 p.m.)

Ms. Driehaus entertained a motion to adjourn. Mr. Davidson moved. Ms. Magness seconded. All were in favor and the meeting was adjourned at 4:47 p.m.

Attachment B

2021 Tipping Fee Receipts

*Rumpke '21	In District	Out of District	Out of State		Total Tonnage	Total Dollars		Quarterly Tons	Quarterly \$\$
Jan	0.00	0.00	0.00		0.00	\$0.00			
Feb	0.00	0.00	0.00		0.00	\$0.00			
Mar	0.00	0.00	0.00		0.00	\$0.00		0.00	\$0.00
Apr	0.00	0.00	0.00		0.00	\$0.00			
May	0.00	0.00	0.00		0.00	\$0.00			
Jun	0.00	0.00	0.00		0.00	\$0.00		0.00	\$0.00
Jul	0.00	0.00	0.00		0.00	\$0.00			
Aug	0.15	0.00	0.00		0.15	\$0.15			
Sep	0.00	0.00	0.00		0.00	\$0.00		0.15	\$0.15
Oct	0.00	0.00	0.00		0.00	\$0.00			
Nov	0.00	0.00	0.00		0.00	\$0.00			
Dec	0.00	0.00	0.00		0.00	\$0.00		0.00	\$0.00
Total	0.15	0.00	0.00		0.15	0.15		0.15	0.15
*Bond Road Landfill									
Rumpke '21	In District	Out of District	Out of State		Total Tonnage	Total Dollars		Quarterly Tons	Quarterly \$\$
Jan	74,490.31	86,428.03	7,800.43		168,718.77	\$255,146.80			
Feb	68,291.28	75,685.93	7,434.45		151,411.66	\$227,097.59			
Mar	90,175.42	105,941.59	9,611.73		205,728.74	\$311,670.33		525,859.17	\$793,914.72
Apr	88,042.34	106,485.42	8,755.30		203,283.06	\$309,768.48			
May	86,457.08	103,994.57	9,158.14		199,609.79	\$303,604.36			
Jun	88,079.79	110,611.01	9,493.67		208,184.47	\$318,795.48		611,077.32	\$932,168.32
Jul	87,939.97	107,508.35	9,257.17		204,705.49	\$312,213.84			
Aug	85,890.97	103,265.18	8,749.76		197,905.91	\$301,171.09			
Sep	83,392.78	106,164.49	9,264.25		198,821.52	\$304,986.01		601,432.92	\$918,370.94
Oct	80,010.24	100,759.28	8,914.05		189,683.57	\$290,442.85			
Nov	86,270.07	100,301.66	8,931.12		195,502.85	\$295,804.51			
Dec	81,945.87	106,036.84	9,281.05		197,263.76	\$303,300.60		582,450.18	\$889,547.96
Total	1,000,986.12	1,213,182.35	106,651.12		2,320,819.59	\$3,534,001.94		2,320,819.59	\$3,534,001.94
Grand Ttl	1,000,986.27	1,213,182.35	106,651.12		2,320,819.74	\$3,534,002.09		2,320,819.74	\$3,534,002.09
<i>% of Total</i>	<i>Tier 1</i>	<i>Tier 2</i>	<i>Tier 3</i>						
<i>tonnage</i>	43.13%	52.27%	4.60%						
<i>dollars</i>	28.32%	68.66%	3.02%						

2022 Tipping Fee Receipts

*Rumpke '22	In District	Out of District	Out of State		Total Tonnage	Total Dollars		Quarterly Tons	Quarterly \$\$
Jan	0.00	0.00	0.00		0.00	\$0.00			
Feb	0.00	0.00	0.00		0.00	\$0.00			
Mar	0.00	0.00	0.00		0.00	\$0.00		0.00	\$0.00
Apr	0.00	0.00	0.00		0.00	\$0.00			
May	0.00	0.00	0.00		0.00	\$0.00			
Jun	0.00	0.00	0.00		0.00	\$0.00		0.00	\$0.00
Jul	0.46	0.00	0.00		0.46	\$0.46			
Aug	0.00	0.00	0.00		0.00	\$0.00			
Sep	0.00	0.00	0.00		0.00	\$0.00		0.46	\$0.46
Oct	0.00	0.00	0.00		0.00	\$0.00			
Nov	0.00	0.00	0.00		0.00	\$0.00			
Dec	0.00	0.00	0.00		0.00	\$0.00		0.00	\$0.00
Total	0.46	0.00	0.00		0.46	0.46		0.46	0.46
*Bond Road Landfill									
Rumpke '22	In District	Out of District	Out of State		Total Tonnage	Total Dollars		Quarterly Tons	Quarterly \$\$
Jan	75,516.50	90,940.91	9,616.28		176,073.69	\$267,014.60			
Feb	70,758.58	84,147.41	10,016.66		164,922.65	\$249,070.06			
Mar	86,351.37	113,479.97	10,995.56		210,826.90	\$324,306.87		551,823.24	\$840,391.53
Apr	79,344.07	111,723.47	9,442.60		200,510.14	\$312,233.61			
May	90,639.79	120,045.36	10,409.13		221,094.28	\$341,139.64			
Jun	94,501.93	127,369.22	9,833.79		231,704.94	\$359,074.16		653,309.36	\$1,012,447.41
Jul	82,165.97	116,851.95	8,517.00		207,534.92	\$324,386.87			
Aug	85,359.53	117,057.61	12,103.19		214,520.33	\$331,577.94			
Sep	78,644.43	102,577.76	9,003.09		190,225.28	\$292,803.04		612,280.53	\$948,767.85
Oct	77,309.96	97,368.54	8,334.07		183,012.57	\$280,381.11			
Nov	77,224.73	95,483.07	8,849.39		181,557.19	\$277,040.26			
Dec	74,083.16	99,832.13	8,198.56		182,113.85	\$281,945.98		546,683.61	\$839,367.35
Total	971,900.02	1,276,877.40	115,319.32		2,364,096.74	\$3,640,974.14		2,364,096.74	\$3,640,974.14
Grand Ttl	971,900.48	1,276,877.40	115,319.32		2,364,097.20	\$3,640,974.60		2,364,097.20	\$3,640,974.60
% of Total	Tier 1	Tier 2	Tier 3						
tonnage	41.11%	54.01%	4.88%						
dollars	26.69%	70.14%	3.17%						

2022 Tipping Fee Receipts

*Rumpke '22	In District	Out of District	Out of State		Total Tonnage	Total Dollars		Quarterly Tons	Quarterly \$\$
Jan	0.00	0.00	0.00		0.00	\$0.00			
Feb					0.00	\$0.00			
Mar					0.00	\$0.00		0.00	\$0.00
Apr					0.00	\$0.00			
May					0.00	\$0.00			
Jun					0.00	\$0.00		0.00	\$0.00
Jul					0.00	\$0.00			
Aug					0.00	\$0.00			
Sep					0.00	\$0.00		0.00	\$0.00
Oct					0.00	\$0.00			
Nov					0.00	\$0.00			
Dec					0.00	\$0.00		0.00	\$0.00
Total	0.00	0.00	0.00		0.00	0.00		0.00	0.00
*Bond Road Landfill									
Rumpke '22	In District	Out of District	Out of State		Total Tonnage	Total Dollars		Quarterly Tons	Quarterly \$\$
Jan	75,516.50	90,940.91	9,616.28		176,073.69	\$267,014.60			
Feb					0.00	\$0.00			
Mar					0.00	\$0.00		176,073.69	\$267,014.60
Apr					0.00	\$0.00			
May					0.00	\$0.00			
Jun					0.00	\$0.00		0.00	\$0.00
Jul					0.00	\$0.00			
Aug					0.00	\$0.00			
Sep					0.00	\$0.00		0.00	\$0.00
Oct					0.00	\$0.00			
Nov					0.00	\$0.00			
Dec					0.00	\$0.00		0.00	\$0.00
Total	75,516.50	90,940.91	9,616.28		176,073.69	\$267,014.60		176,073.69	\$267,014.60
Grand Ttl	75,516.50	90,940.91	9,616.28		176,073.69	\$267,014.60		176,073.69	\$267,014.60
<i>% of Total</i>	<i>Tier 1</i>	<i>Tier 2</i>	<i>Tier 3</i>						
<i>tonnage</i>	42.89%	51.65%	5.46%						
<i>dollars</i>	28.28%	68.12%	3.60%						

2023 Tipping Fee Receipts

*Rumpke '23	In District	Out of District	Out of State		Total Tonnage	Total Dollars		Quarterly Tons	Quarterly \$\$
Jan	0.00	0.00	0.00		0.00	\$0.00			
Feb					0.00	\$0.00			
Mar					0.00	\$0.00		0.00	\$0.00
Apr					0.00	\$0.00			
May					0.00	\$0.00			
Jun					0.00	\$0.00		0.00	\$0.00
Jul					0.00	\$0.00			
Aug					0.00	\$0.00			
Sep					0.00	\$0.00		0.00	\$0.00
Oct					0.00	\$0.00			
Nov					0.00	\$0.00			
Dec					0.00	\$0.00		0.00	\$0.00
Total	0.00	0.00	0.00		0.00	0.00		0.00	0.00
*Bond Road Landfill									
Rumpke '23	In District	Out of District	Out of State		Total Tonnage	Total Dollars		Quarterly Tons	Quarterly \$\$
Jan	78,568.07	99,451.85	9,274.72		187,294.64	\$286,746.49			
Feb					0.00	\$0.00			
Mar					0.00	\$0.00		187,294.64	\$286,746.49
Apr					0.00	\$0.00			
May					0.00	\$0.00			
Jun					0.00	\$0.00		0.00	\$0.00
Jul					0.00	\$0.00			
Aug					0.00	\$0.00			
Sep					0.00	\$0.00		0.00	\$0.00
Oct					0.00	\$0.00			
Nov					0.00	\$0.00			
Dec					0.00	\$0.00		0.00	\$0.00
Total	78,568.07	99,451.85	9,274.72		187,294.64	\$286,746.49		187,294.64	\$286,746.49
Grand Ttl	78,568.07	99,451.85	9,274.72		187,294.64	\$286,746.49		187,294.64	\$286,746.49
<i>% of Total</i>	<i>Tier 1</i>	<i>Tier 2</i>	<i>Tier 3</i>						
<i>tonnage</i>	41.95%	53.10%	4.95%						
<i>dollars</i>	27.40%	69.37%	3.23%						

Attachment C

Updates to the Hamilton County Solid Waste Plan (Draft Plan) Since September 2022

Date: March 9, 2023

This white paper documents major changes made to the Draft Plan since Ohio EPA provided feedback in September of 2022. Some of the changes resulted from Ohio EPA feedback while others incorporate goals or ideas presented by Policy Committee members or the general public.

Chapter 1, Page 5

Modified the Aspirational goal section from an overall goal to two goals, one for the commercial and one for the residential. Pushed these goals to increase. New language:

A. Aspirational Diversion Goal

Although not required by the 2020 State Plan, Hamilton County R3Source established its own aspirational diversion rate goals to increase landfill diversion throughout the planning period. This will continue to challenge Hamilton County to be a leader in waste reduction in Ohio. Increasing food rescue to feed hungry people, reducing unnecessary waste costs for businesses and residents, and recovering resources that become new products fueling our regional economy act as pivotal motivators for the work of Hamilton County R3Source.

As shown in Table 1-1, R3Source will strive to support Hamilton County communities and residents to achieve a 27% diversion rate for the residential sector, encompassing a 54% increase in tonnage or over 31,000 tons increase annually. The commercial sector represents a larger portion of the waste stream and more potential for diversion. R3Source will strive to support Hamilton County's commercial sector to achieve a 50% diversion rate by 2038. This represents a 15% increase in tonnage or over 74,000 tons annually.

Table 1-1. 2038 Aspirational Diversion Rate		
	2020 Diversion Rate	Aspirational Diversion Rate
Residential	18%	27%
Commercial	43%	50%

Chapter 5, Page 26 (new text highlighted)

Technical Assistance

R3Source will work with communities with subscription waste and recycling to help make automatic recycling and waste collection available to residents. Technical assistance will include providing communities with template language to incorporate community-wide commercial waste and recycling collection in their community. Staff will also work with the last drop-off only community to improve recycling infrastructure.

Chapter 5, Page 29 (new text highlighted)

A. Outreach Priority

R3Source has identified food as the priority waste stream. This waste stream represents a significant portion of material landfilled both from the residential and commercial sectors. Strategies to address reducing wasted food will need to focus on multiple audiences to have a broad impact. R3Source plans to regularly evaluate strategies and adapt based on successes and available technology. R3Source continues to maintain a Food Waste Diversion Coordinator on staff to coordinate these efforts.

R3Source will follow the US EPA Food Waste Diversion hierarchy when prioritizing strategies to reduce wasted food, focusing efforts on first reducing waste and then supporting food rescue. R3Source will budget \$150,000 to conduct a feasibility study to initiate a public-private partnership for an organics processing facility.

Chapter 6, Page 36 (new text highlighted)

1. Revenue for Plan Period

Since its inception, R3Source has been funded through a \$1/\$2/\$1 tiered disposal fee. This fee will continue throughout the upcoming plan period and is projected to generate \$3.5 million, as detailed in Table 6-1. The amount of revenue projected during the period is approximately \$196,972 more than was collected during the reference year. "Other revenue" is anything outside of the disposal fees.

Because it is difficult to definitively project annual revenue from disposal fees, R3Source created a contingency plan should annual revenue fall below \$3.2 million:

- If revenue is \$3.1 million, the amount allocated to the Residential Recycling Incentive Program will be reduced by \$100,000 to \$700,000.
- If revenue is \$3.0 million, the amount allocated to the Residential Recycling Incentive Program will be reduced by \$100,000 to \$700,000 and the advertising budget will be reduced by \$100,000.
- If revenue is \$2.75 million, The Hamilton County Solid Waste Policy Committee will determine if a designation fee should be developed in the amount necessary to raise revenue to \$3.2 million. R3Source has reserved the authority to designate facilities; however, that authority will only be used if revenue drops to \$2.75 million.

R3Source has included as part of this plan to establish a public-private partnership to expand organics processing capacity in Southwest Ohio. Currently, this effort has \$150,000 budgeted to fund an initial study. This study could include a business case analysis, technology assessment, siting strategy, and market assessment. Additionally, contingent upon completion of the compost feasibility study, R3Source will conduct a midterm review in 2026 of the budget, revenue, and financial needs from the Public-Private partnership initial study to determine if a fee increase or change in fee structure would make the project more viable. Moreover, this review will broadly look at if increasing fees on waste generators will decrease waste going to landfill. Should an increase in fees be necessary to implement the public-private partnership or

to decrease organic waste going to landfill, R3Source will follow procedure required in Ohio Revised Code Section 3734.57 (B) and 3734.573 also outlined in Ohio EPA's guidance/fact sheet 0594 (https://epa.ohio.gov/static/Portals/34/document/guidance/gd_594.pdf).

- Resolution from the Policy Committee
- Public Notice
- Public Hearing
- Revision, if necessary, based on comments of the proposed fee
- Adoption of the fee by the Policy Committee
- Approval/ Disapproval by the Hamilton County Board of County Commissioners and legislative authorities of municipal corporations (i.e., cities and villages) and townships.

R3Source will begin work for the next Solid Waste Plan Update in 2026 and will include a full study of the impacts and benefits of increasing fees. This study will include a detailed analysis of what new or expanded solid waste programs would result in the most increase in waste diversion with the added revenue. Further, any increase in fees will involve broad stakeholder input including the 48 municipalities and townships within the district, local businesses, residents, and regional solid waste districts that would be impacted by a fee increase.

Chapter 6, Pages 36-40

Adjusted tables and text to match revenue and expense projections in Appendix O.

Appendix C: Population Data

Narrative added explaining why R3Source used US Census population data rather the Ohio Department of Development population data.

Appendix D: Disposal Data

Asbestos and C&DD data added.

Appendix E: Residential/Commercial Reduction and Recycling Data

- Footnotes added to explain capture rates.
- Tables E-1 and E-5 food waste value adjusted due to incorrect formula in Ohio EPA workbook.

Appendix H: Strategic Analysis of District Programs

- Adjusted revenue projections based on 2022 revenue in Figures H-32 through H-35. Adjusted expenses in H-35 to match Appendix O projections.
- **Page H-41** (Under Food Waste Processing Gap Solutions, new text highlighted)

Create a public-private partnership to attract a food scrap processing facility.

- Partner with facilities already registered as a Class 3 or 4 facility to understand capacity of moving to a Class 2 registration.
- Incorporate a land study to determine costs and available properties. Include an investigation of properties already owned by Hamilton County and incorporate environmental justice concerns into the study.
- Cost per ton column added to Table H-60 and some language altered to provide clearer explanation.

Appendix I: Conclusions, Priorities, and Program Descriptions

Narrative added to better explain process used for program selection. Narrative for Household Hazardous Waste program expanded.

Page I-4 (new text highlighted)

Table I-3. Residential Recycling Infrastructure New Initiatives				
Primary Audience	Program Name	Start Date	End Date	Goal
Communities and Residents	Upgrade from drop-off to curbside	2024	Ongoing	To increase the number of households with non-subscription curbside waste and recycling
	Upgrade from subscription to contract	2024	Ongoing	

Page I-8 (new text highlighted)

New Initiative: Target Communities with Low Recycling Rates but A High Number of Multi-Family Dwellings

R3Source will target communities with a high proportion of multi-family dwellings but low waste diversion rates. R3Source will work with the communities to incorporate multi-family recycling into their community contracts and other methods of providing more universal access to multi-family residents. It should be noted that most communities do not include multi-family recycling tonnage in their residential recycling numbers. Thus, the technical assistance to these communities will also include helping them develop a system to obtain this information. R3Source cannot estimate the quantity of materials that this assistance will recover. The primary barrier to this program will be

finding property managers that are interested in providing recycling for their tenants and space for recycling dumpsters in the parking lot.

Appendix L: Outreach and Marketing Analysis

- Statement added to better explain resources provided through Let's Stop Waste (L-5).
- District priority section expanded with dollar amounts and more strategies added (L-8).

Appendix O: Financial Data

- Narrative added for RRI.
- Other various explanations added as requested by Ohio EPA.
- Budget adjusted to accommodate a HHW program and to ensure R3Source maintained a positive balance throughout the planning period. The following adjustments were made:
 - Increased projected revenue to \$3.6 million based on 2022 revenue increase.
 - Reduced Yard Trimmings drop off by \$50,000 from \$320,000 to \$270,000. Analysis showed we need to increase cost efficiency of westside location.
 - Reduced business budget increase from \$100,000 to \$75,000 to \$220,000 total budget.
 - Decreased residential and food waste campaigns by \$25,000 each from \$100,000 to \$75,000 per year.
 - Reduced community composting budget from \$20,000 to \$10,000.
 - Eliminated \$3,000 awards.
 - Reduced target community by \$10,000 from \$30,000 to \$20,000 per year based on spending since 2018.
 - Reduced Environmental Enforcement to \$130,000 from \$152,000. The most we have ever spent on this program is \$127,639. Average is \$110,000.
- Adjusted alternative budget to reflect new \$3.6 million budget projection.

Appendix S: Siting Strategy

Added language to give the Board of County Commissioners the ability to adopt a composting facility siting strategy. New language:

Hamilton County intends to initiate a Public-Private Partnership to bring a food waste processing facility to the Southwest, Ohio region. Since this may result in the siting of a publicly owned Class II composting facility within Hamilton County, the Policy Committee intends to form a committee to develop a siting strategy for a composting facility.

The Board of Directors of the Hamilton County Solid Waste Management District is hereby authorized to adopt, publish, and implement said siting strategy in accordance with Ohio Revised Code 3734.53.

Attachment D

Hamilton County R3Source Waste Reduction Innovation Grant Selection Summary

1-19-23 thru 3-15-23 Update

Background

The Waste Reduction Innovation Grant assists communities, schools, non-profits, and for-profit organizations with innovative waste reduction and recycling programs that significantly reduce waste in Hamilton County, Ohio. Grant funds can be requested up to \$15,000 each.

Criteria for Funding

The Grant Review Committee, made up of Department of Environmental Services' staff, evaluated each grant proposal based on the following criteria:

- Focus on waste reduction, reuse, recycling/composting/energy recover, in this order of preference
- Cost-effectively diverts a significant amount of waste and/or reaches a significant number of people
- Shows plans for sustainable funding in the future
- Demonstrates ability to complete project objectives
- Complete and easy to understand
- Includes detailed information on all items/services listed in budget
- If organization received funds in the past, grant administration was positive

Grant Proposals Selected for Funding

Applicant: The City of Wyoming
Project Title: The Wyoming Food Waste Drop-off Program
Grant Amount: \$8,974.69
Matching Funds Promised: \$2,292.50
Estimated Waste Diverted: 12 tons per year
Estimated People Reached: 300
Project Summary: Grant and matching funds will be used to purchase in-home food scrap collection buckets, compost collection services, a public compost drop-off shelter, educational materials, and advertising for the program.

Applicant: Civic Garden Center
Project Title: Organic Waste Diversion from the Landfill
Grant Amount: \$14,643.00
Matching Funds Promised: \$3,670.00
Estimated Waste Diverted: 23 tons per year
Estimated People Reached: 568
Project Summary: Grant and matching funds will be used to purchase and install Earth Cube and Johnson-Su Bioreactor composting units, food scrap collection bins, staff and volunteer training, and educational materials to compost community and Morrison Healthcare food scraps. Funds will also be used to purchase a refrigerator to preserve unwanted donated produce from Our Harvest customers' shares.