

**ULSTER COUNTY RESOURCE RECOVERY AGENCY  
ZERO WASTE COMMITTEE MEETING**

**This meeting commenced at 5:00 PM on November 21, 2024, at the Agency’s Main Office located at 999 Flatbush Road, Kingston, NY.**

**ROLL CALL**

**Committee Members**

Donna Egan Present  
James Gordon Present  
Andrew Ghiorse Present  
David Gilmour Present (Arrived @ 5:10PM)

**Agency Staff**

Marc Rider Present  
Karen Sheard Absent  
Timothy DeGraff Present  
Angelina Brandt Present  
Timothy Weidemann Present

**PLEDGE OF ALLEGIANCE**

**PUBLIC COMMENT**-no public comment was made.

**APPROVAL OF AGENDA**

Andrew Ghiorse made a motion to approve the Agenda and it was seconded by James Gordon. 3 in favor, 0 opposed, 1 absent (GILMOUR).

**APPROVAL OF MINUTES**

James Gordon moved to approve the Minutes from the August 22, 2024, Zero Waste Committee Meeting and it was seconded by Andrew Ghiorse. 3 in favor, 0 opposed and 1 absent (GILMOUR).

**COMMUNICATIONS & ANNOUNCEMENTS**

A Zero Waste Committee Meeting is scheduled for December 19, 2024, at 5:00 PM.

**OLD (UNFINISHED) BUSINESS**-none was discussed.

**NEW BUSINESS** (Recording 2:46-55:53)

- 2025-2029 Capital Project Plan Re: Zero Waste

The committee and staff discussed the following topics and the plan, specific to Zero Waste initiatives (attached is a copy of the Capital Project Plan):

- Mattresses Recycling
- NYS DEC Permit Modification
- Secondary Diversion Building (C&D)

- Reuse Innovation Center
- Climate Action Plan. The Department of Environment and Planning Department prepared the plan and presented it to the public at SUNY Ulster. The Climate Action Plan is available online.
- Compost Expansion
- New MRDC on-site

Donna Egan asked that upgrades to the MRF and a building for household hazardous waste be added. David Gilmour would like to see energy audits and greenhouse gas studies done.

**ADJOURN**

Motion to adjourn the November 21, 2024, Zero Waste Committee Meeting at 6:00 PM was made by Andrew Ghiorse and seconded by James Gordon. 4 in favor, 0 opposed and 0 absent.

December 19, 2024

Motion to approve the above transcribed Minutes of the November 21, 2024, Zero Waste Committee Meeting was made by \_\_\_\_\_ and seconded by \_\_\_\_\_. \_\_ in favor, \_\_ opposed, \_\_ absent.

The minutes were approved by the Board.

Transcribed by: Melinda France, Office Manager.

Signature:

\_\_\_\_\_  
Donna Egan, Chair

**Ulster  
County  
Resource  
Recovery  
Agency  
2025-2029  
Capital  
Project Plan**





## 2025 CAPITAL PROJECT PLAN

Ulster County Resource Recovery Agency

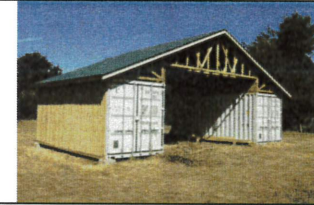
Project #	Project Name	Description	Status	Estimated Cost	Start Date	End Date
25-01	Mattress Recycling Area	This project involves the purchase of two 20' shipping containers, which will serve as both protected/secure storage and structural supports for a timber-frame/truss roof spanning between the two shipping containers, providing a covered work area for the contractor selected to process mattresses. The structure will be installed on an existing concrete pad, and will have basic electrical service for small equipment and lighting. All planning/design to be completed in house, with roof construction and electrical work completed by competitively selected outside contractor(s). This project requires a permit modification, which is pending with NYSDEC.	Permitting	\$100,000	1/1/25	4/30/25
25-02	Secondary Diversion Building	This project involves the construction of a new 100' x 100' metal building, on a new/refurbished concrete pad, that will be used for loads that contain C&D debris and bulky items that can be sorted and diverted from the landfill. Building will be approximately 10,000 square feet. This project will require a permit modification.	Planning	\$1,200,000 - \$3,500,000	1/1/25	12/31/26
25-03	Reuse Innovation Center (Hub & Spokes)	This project involves the construction of a new building to house the hub facilities of the Reuse Innovation Center. Based on the RIC concept and plan prepared by Sustainable Hudson Valley, the hub facilities would include a 50,000 SF warehouse building, with areas dedicated for storage, production, retail sales, offices, classrooms and other public spaces, plus outdoor secure storage areas. The project also includes upgrades to facilities at each of the 19 MRDCs, to handle collection and storage of diverted material.	Planning	\$6,000,000 - \$17,000,000	1/1/25	12/31/26
25-04	Admin Building Weatherization Upgrade	This project involves energy efficiency upgrades to the Agency's administrative building, including new HVAC systems, building envelope improvements and options for renewable energy generation. The project is likely to be eligible for rebates and incentives through NYSERDA (FlexTech) and Central Hudson, as well as Federal tax credits through the IRA.	Planning	\$80,000 - \$120,000	1/1/25	12/31/25
25-05	Countywide Sanitary Landfill	The Agency was created in the 1980s to manage waste for the County, and to develop plans for a County-wide landfill. A feasibility study identified multiple sites that would be technically feasible, with two sites in Wawarsing selected for further study. This project will design, obtain permits, and build a County-wide landfill over the next 7-10 years.	Planning	\$105,000,000 - \$315,000,000	1/1/25	12/31/34
25-06	Compost Expansion (Hub and Spoke)	This project involves expansion of the Agency's Ulster Organics Recovery Facility from 5,000 - 10,000 tpy, the creation of a network of collection/processing facilities at MRDCs, the expansion of commercial composting facilities, and a pilot program to implement food waste diversion at schools/institutions. This project will require multiple permit modifications, including new permits/registrations for additional compost processing facilities. In addition to capital investments, the project involves substantial operating funds for staff and contractual expenses, most of which is expected to be covered by state/federal grant funds.	Design	\$1,700,000 - \$2,500,000	1/1/25	12/31/25
25-07	Alternative Tech Research Park	The Agency currently owns 90 acres adjacent to the Ulster Transfer Station property. This project would fund a feasibility study to determine which alternative technologies to attract to the site, and a research study of the long term viability of those technologies in New York.	Planning	\$120,000 - \$180,000	1/1/25	12/31/25
25-08	GHG Emissions Study (Scope 1 - 4)	This project would fund a study of the Agency's greenhouse gas emissions and determine what options the Agency has to lower emissions. The study would complement Ulster County's GHG emissions inventory for County operations, which currently does not include the Agency. All emissions scopes (1 - 4) would be included, providing a template for the agency to calculate avoided emissions when considering future programmatic, equipment and facility investments.	Planning	\$75,000	1/1/25	12/31/25
25-09	New On-Site MRDC at UTS	This project involves the creation of a residential drop-off center located at the Agency's Town of Ulster Transfer Station. The Ulster Transfer Station was created to handle commercial waste. With an increasing number of residents using non-passenger vehicles (vans, trucks, trailers), this would create a separate facility for residents to dispose of waste apart from the tipping floor, which is mainly used by haulers and other commercial vehicles. The project would take place on the Agency's vacant land near the main entrance, and would include roadway improvements, construction of a concrete pad for placement of containers and a canopy roof, installation of a scale and scale-house, outdoor lighting and signage.	Planning	\$400,000 - \$600,000	1/1/26	12/31/26



<b>PROJECT#</b>	25-01	<b>STRATEGIC ALIGNMENT</b>	7	High	<b>TOTAL USES</b>	\$100,000
<b>PROJECT NAME</b>	Mattress Recycling Area	<b>CONFIDENCE OF COST</b>	+/- 10%	High	<b>TOTAL SOURCES</b>	-\$100,000
<b>STATUS</b>	Permitting	<b>START/END DATES</b>	1/1/25	4/30/25	<b>BALANCE</b>	\$0

**PROJECT DESCRIPTION**

This project involves the purchase of two 20' shipping containers, which will serve as both protected/secure storage and structural supports for a timber-frame/truss roof spanning between the two shipping containers, providing a covered work area for the contractor selected to process mattresses. The structure will be installed on an existing concrete pad, and will have basic electrical service for small equipment and lighting. All planning/design to be completed in house, with roof construction and electrical work completed by competitively selected outside contractor(s). This project requires a permit modification, which is pending with NYSDEC.



**STRATEGIC PLAN ALIGNMENT**

Plan Elements	G1: PPE Development	G2: Enviro Compliance	G3: Admin Excellence	G4: Waste Diversion	G5: Organics Recycling	G6: Outreach & Education	G7: Emissions Reductions	G8: Strategic Partnerships	G9: Final Disposal Solutions
Level of Alignment	High	High	Med	High	High	Med	High	High	High
This project would enable the Agency to disassemble and reuse/recycle used mattresses. This project would increase our diversion and recycling rate (G4, G5), reduce landfilled waste (G9), and drive a reduction of GHG emissions (G7). Furthermore, the project supports a local recycling business (G8) and advances our compliance with state/local waste reduction policy goals (G2).									

**ESTIMATION SOURCES & METHODS**

Cost estimates are based on planning and design conducted in-house and have been verified through quotes or estimates. Deviation is expected to be within the allotted contingency budget.

**FIVE YEAR PROJECTED USES**

Cost Category	Prior FYs	2025	2026	2027	2028	2029	Later FYs	TOTAL	% TOTAL
Planning	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%
Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%
Other Pre-Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%
Construction/Renovation	\$ -	\$ 84,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 84,500	85%
Construction Mgmt/Inspection	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%
Other Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%
Capital Equipment & Installation	\$ 5,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,500	6%
Contingencies	\$ -	\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,000	10%
<b>TOTAL</b>	<b>\$ 5,500</b>	<b>\$ 94,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 100,000</b>	<b>100%</b>
<b>% TOTAL</b>	<b>6%</b>	<b>95%</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>100%</b>	

**ANTICIPATED FUNDING SOURCES**

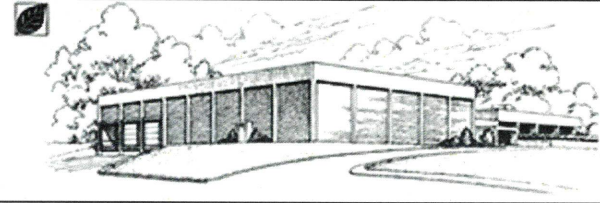
Funding Source	Debt	Equity	Grants	Rebates	Other	TOTAL	% TOTAL	Likelihood	Adjusted Total
Agency Bonds	\$ 94,500	\$ -	\$ -	\$ -	\$ -	\$ 94,500	95%	100%	\$ 94,500
Appropriated Reserves	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%	100%	\$ -
Federal Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%	20%	\$ -
State/Local Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%	30%	\$ -
Foundation Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%	30%	\$ -
Other (Operating Expense)	\$ -	\$ 5,500	\$ -	\$ -	\$ -	\$ 5,500	6%		\$ -
<b>TOTAL</b>	<b>\$ 94,500</b>	<b>\$ 5,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 100,000</b>	<b>100%</b>		
<b>% TOTAL</b>	<b>95%</b>	<b>6%</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>100%</b>			



<b>PROJECT #</b>	25-02	<b>STRATEGIC ALIGNMENT</b>	5	High	<b>TOTAL USES</b>	\$2,430,000
<b>PROJECT NAME</b>	Secondary Diversion Building	<b>CONFIDENCE OF COST</b>	+/- 50%	Low	<b>TOTAL SOURCES</b>	-\$2,430,000
<b>STATUS</b>	Planning	<b>START/END DATES</b>	1/1/25	12/31/26	<b>BALANCE</b>	\$0

**PROJECT DESCRIPTION**

This project involves the construction of a new 100' x 100' metal building, on a new/refurbished concrete pad, that will be used for loads that contain C&D debris and bulky items that can be sorted and diverted from the landfill. Building will be approximately 10,000 square feet. This project will require a permit modification.



**STRATEGIC PLAN ALIGNMENT**

Plan Elements	G1: PPE Development	G2: Enviro Compliance	G3: Admin Excellence	G4: Waste Diversion	G5: Organics Recycling	G6: Outreach & Education	G7: Emissions Reductions	G8: Strategic Partnerships	G9: Final Disposal Solutions
Level of Alignment	High	Med	Med	High	Med	Med	High	High	High
<p>This project would facilitate greater diversion of C&amp;D debris and other bulky materials (G4), which would reduce the total MSW processed for hauling and disposal at a landfill (G7, G9). The building would be an integral part of efforts to implement the recommendations from the County's Reuse Innovation Center study and plan, by providing diverted materials to Reuse Innovation Center partners as inputs for resale, repair, refurbishment, remanufacturing or repurposing (G8).</p>									

**ESTIMATION SOURCES & METHODS**

Cost estimates are planning level and have not yet been validated by quotes or bids. Total estimated cost is based on typical per SF construction costs for simple metal buildings, as provided by RSMMeans. Deviation is expected to be within 50% +/-.

**FIVE YEAR PROJECTED USES**

Cost Category	Prior FYs	2025	2026	2027	2028	2029	Later FYs	TOTAL	% TOTAL
Planning	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%
Design	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000	6%
Other Pre-Construction	\$ -	\$ -	\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ 10,000	0%
Construction/Renovation	\$ -	\$ -	\$ 1,500,000	\$ -	\$ -	\$ -	\$ -	\$ 1,500,000	62%
Construction Mgmt/Inspection	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000	2%
Other Construction	\$ -	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ 300,000	12%
Capital Equipment & Installation	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000	8%
Contingencies	\$ -	\$ -	\$ 220,000	\$ -	\$ -	\$ -	\$ -	\$ 220,000	9%
<b>TOTAL</b>	\$ -	\$ 150,000	\$ 2,280,000	\$ -	\$ -	\$ -	\$ -	\$ 2,430,000	100%
<b>% TOTAL</b>	0%	6%	94%	0%	0%	0%	0%	100%	

**ANTICIPATED FUNDING SOURCES**

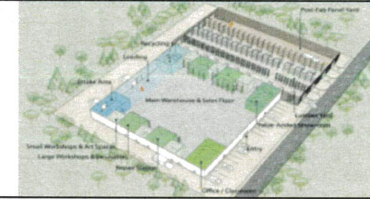
Funding Source	Debt	Equity	Grants	Rebates	Other	TOTAL	% TOTAL	Likelihood	Adjusted Total
Agency Bonds	\$ 2,430,000	\$ -	\$ -	\$ -	\$ -	\$ 2,430,000	100%	100%	\$ 2,430,000
Appropriated Reserves	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%	100%	\$ -
Federal Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%	20%	\$ -
State/Local Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%	30%	\$ -
Foundation Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%	30%	\$ -
Other (_____)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%		\$ -
<b>TOTAL</b>	\$ 2,430,000	\$ -	\$ -	\$ -	\$ -	\$ 2,430,000	100%		
<b>% TOTAL</b>	100%	0%	0%	0%	0%	100%			



<b>PROJECT #</b>	25-03	<b>STRATEGIC ALIGNMENT</b>	7	High	<b>TOTAL USES</b>	\$11,077,000
<b>PROJECT NAME</b>	Reuse Innovation Center (Hub & Spokes)	<b>CONFIDENCE OF COST</b>	+/- 50%	Low	<b>TOTAL SOURCES</b>	-\$11,077,000
<b>STATUS</b>	Planning	<b>START/END DATES</b>	1/1/25	12/31/26	<b>BALANCE</b>	\$0

**PROJECT DESCRIPTION**

This project involves the construction of a new building to house the hub facilities of the Reuse Innovation Center. Based on the RIC concept and plan prepared by Sustainable Hudson Valley, the hub facilities would include a 50,000 SF warehouse building, with areas dedicated for storage, production, retail sales, offices, classrooms and other public spaces, plus outdoor secure storage areas. The project also includes upgrades to facilities at each of the 19 MRDCs, to handle collection and storage of diverted material.



**STRATEGIC PLAN ALIGNMENT**

Plan Elements	G1: PPE Development	G2: Enviro Compliance	G3: Admin Excellence	G4: Waste Diversion	G5: Organics Recycling	G6: Outreach & Education	G7: Emissions Reductions	G8: Strategic Partnerships	G9: Final Disposal Solutions
Level of Alignment	High	Med	Med	High	High	High	High	High	High
<p>This project aims to substantially increase diversion of reusable material from the Agency's MSW (G4), which reduces emissions and final disposal (G7, G9). Depending on the materials accepted/diverted, this project may also improve the ability to recycle or otherwise reduce organic waste (G5). The RIC program represents a strategic partnership with Ulster County and other local governments, private sector businesses, and educational institutions (G8). The project provides multiple opportunities for education and outreach (G6).</p>									

**ESTIMATION SOURCES & METHODS**

Cost estimates are planning level and have not yet been validated by quotes or bids. Total estimated cost is based on typical per SF construction costs for a basic 1-storey factory building, as provided by RSMean, plus an average cost of MRDC improvements of \$50,000 per site (19 x \$50k = \$950,000). Deviation is expected to be within 50% +/- . NOTE: As planning continues, lease versus build options will be compared to determine the most effective alternatives.

**FIVE YEAR PROJECTED USES**

Cost Category	Prior FYs	2025	2026	2027	2028	2029	Later FYs	TOTAL	% TOTAL
Planning	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%
Design	\$ -	\$ 750,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 750,000	7%
Other Pre-Construction	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000	0%
Construction/Renovation	\$ -	\$ -	\$ 8,200,000	\$ -	\$ -	\$ -	\$ -	\$ 8,200,000	74%
Construction Mgmt/Inspection	\$ -	\$ -	\$ 820,000	\$ -	\$ -	\$ -	\$ -	\$ 820,000	7%
Other Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%
Capital Equipment & Installation	\$ -	\$ -	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ 250,000	2%
Contingencies	\$ -	\$ -	\$ 1,007,000	\$ -	\$ -	\$ -	\$ -	\$ 1,007,000	9%
<b>TOTAL</b>	\$ -	\$ 800,000	\$ 10,277,000	\$ -	\$ -	\$ -	\$ -	\$ 11,077,000	100%
<b>% TOTAL</b>	0%	7%	93%	0%	0%	0%	0%	100%	

**ANTICIPATED FUNDING SOURCES**

Funding Source	Debt	Equity	Grants	Rebates	Other	TOTAL	% TOTAL	Likelihood	Adjusted Total
Agency Bonds	\$ 6,000,000	\$ -	\$ -	\$ -	\$ -	\$ 6,000,000	54%	100%	\$ 6,000,000
Appropriated Reserves	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%	100%	\$ -
Federal Grants	\$ -	\$ -	\$ 4,000,000	\$ -	\$ -	\$ 4,000,000	36%	20%	\$ 800,000
State/Local Grants	\$ -	\$ -	\$ 1,077,000	\$ -	\$ -	\$ 1,077,000	10%	30%	\$ 323,100
Foundation Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%	30%	\$ -
Other ( )	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%		\$ -
<b>TOTAL</b>	\$ 6,000,000	\$ -	\$ 5,077,000	\$ -	\$ -	\$ 11,077,000	100%		
<b>% TOTAL</b>	54%	0%	46%	0%	0%	100%			



<b>PROJECT #</b>	25-04	<b>STRATEGIC ALIGNMENT</b>	4	High	<b>TOTAL USES</b>	\$100,000
<b>PROJECT NAME</b>	Admin Building Weatherization Upgrade	<b>CONFIDENCE OF COST</b>	+/- 20%	Med	<b>TOTAL SOURCES</b>	-\$100,000
<b>STATUS</b>	Planning	<b>START/END DATES</b>	1/1/25	12/31/25	<b>BALANCE</b>	\$0

**PROJECT DESCRIPTION**

This project involves energy efficiency upgrades to the Agency's administrative building, including new HVAC systems, building envelope improvements and options for renewable energy generation. The project is likely to be eligible for rebates and incentives through NYSERDA (FlexTech) and Central Hudson, as well as Federal tax credits through the IRA.



**STRATEGIC PLAN ALIGNMENT**

Plan Elements	G1: PPE Development	G2: Enviro Compliance	G3: Admin Excellence	G4: Waste Diversion	G5: Organics Recycling	G6: Outreach & Education	G7: Emissions Reductions	G8: Strategic Partnerships	G9: Final Disposal Solutions
Level of Alignment	High	High	High	Med	Med	Med	High	Med	Med
This project aims to address long-deferred maintenance and replacement of the administrative building's HVAC equipment (G1), which will help ensure a healthy work environment (G2) for current and future administrative staff (G3). Over the lifetime of the equipment, this project is expected to modestly reduce GHG emissions from building systems (G7).									

**ESTIMATION SOURCES & METHODS**

Cost estimates are planning level and have not yet been validated by quotes or bids. Total estimated cost is based on best estimates from staff and current vendors. Deviation is expected to be within 20% +/- . NOTE: As planning continues, we expect to obtain an energy audit that may identify additional/alternative approaches, including on-site renewable energy generation.

**FIVE YEAR PROJECTED USES**

Cost Category	Prior FYs	2025	2026	2027	2028	2029	Later FYs	TOTAL	% TOTAL
Planning	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%
Design	\$ -	\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,000	20%
Other Pre-Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%
Construction/Renovation	\$ -	\$ 80,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 80,000	80%
Construction Mgmt/Inspection	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%
Other Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%
Capital Equipment & Installation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%
Contingencies	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%
<b>TOTAL</b>	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	100%
<b>% TOTAL</b>	0%	100%	0%	0%	0%	0%	0%	100%	

**ANTICIPATED FUNDING SOURCES**

Funding Source	Debt	Equity	Grants	Rebates	Other	TOTAL	% TOTAL	Likelihood	Adjusted Total
Agency Bonds	\$ 90,000	\$ -	\$ -	\$ -	\$ -	\$ 90,000	90%	100%	\$ 90,000
Appropriated Reserves	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%	100%	\$ -
Federal Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%	20%	\$ -
State/Local Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%	30%	\$ -
Foundation Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%	30%	\$ -
Other (NYSERDA/CH/IRA)	\$ -	\$ -	\$ -	\$ -	\$ 10,000	\$ 10,000	10%		\$ -
<b>TOTAL</b>	\$ 90,000	\$ -	\$ -	\$ -	\$ 10,000	\$ 100,000	100%		
<b>% TOTAL</b>	90%	0%	0%	0%	10%	100%			



<b>PROJECT #</b>	25-05	<b>STRATEGIC ALIGNMENT</b>	4	High	<b>TOTAL USES</b>	\$210,100,000
<b>PROJECT NAME</b>	Countywide Sanitary Landfill	<b>CONFIDENCE OF COST</b>	+/- 50%	Low	<b>TOTAL SOURCES</b>	-\$210,100,000
<b>STATUS</b>	Planning	<b>START/END DATES</b>	1/1/25	12/31/34	<b>BALANCE</b>	\$0

**PROJECT DESCRIPTION**

The Agency was created in the 1980s to manage waste for the County, and to develop plans for a County-wide landfill. A feasibility study identified multiple sites that would be technically feasible, with two sites in Wawarsing selected for further study. This project will design, obtain permits, and build a County-wide landfill over the next 7-10 years.



**STRATEGIC PLAN ALIGNMENT**

Plan Elements	G1: PPE Development	G2: Enviro Compliance	G3: Admin Excellence	G4: Waste Diversion	G5: Organics Recycling	G6: Outreach & Education	G7: Emissions Reductions	G8: Strategic Partnerships	G9: Final Disposal Solutions
Level of Alignment	High	Med	Med	Med	Med	Med	High	High	High
This project would establish a new sanitary landfill at a site TBD in Ulster County, to handle final discards from the County's stream of MSW (G9). The facility would necessarily involve numerous partnerships, including with Ulster County and possibly with surrounding counties (G8). Siting a landfill in Ulster County would substantially reduce GHG emissions from transporting waste to alternative disposal sites (G7).									

**ESTIMATION SOURCES & METHODS**

Cost estimates are early planning level and have not yet been validated by detailed studies/plans, quotes or bids. Total estimated cost is based on best estimates from staff upon review of similar projects in NYS. Deviation is expected to be within 50% +/-.

**FIVE YEAR PROJECTED USES**

Cost Category	Prior FYs	2025	2026	2027	2028	2029	Later FYs	TOTAL	% TOTAL
Planning	\$ -	\$ 1,000,000	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ 1,500,000	1%
Design	\$ -	\$ -	\$ 2,000,000	\$ 1,000,000	\$ 500,000	\$ -	\$ -	\$ 3,500,000	2%
Other Pre-Construction	\$ -	\$ -	\$ -	\$ 5,000,000	\$ 5,000,000	\$ -	\$ -	\$ 10,000,000	5%
Construction/Renovation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 40,000,000	\$ 120,000,000	\$ 160,000,000	76%
Construction Mgmt/Inspection	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,000,000	\$ 12,000,000	\$ 16,000,000	8%
Other Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%
Capital Equipment & Installation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%
Contingencies	\$ -	\$ 100,000	\$ 250,000	\$ 600,000	\$ 550,000	\$ 4,400,000	\$ 13,200,000	\$ 19,100,000	9%
<b>TOTAL</b>	\$ -	\$ 1,100,000	\$ 2,750,000	\$ 6,600,000	\$ 6,050,000	\$ 48,400,000	\$ 145,200,000	\$ 210,100,000	100%
<b>% TOTAL</b>	0%	1%	1%	3%	3%	23%	69%	100%	

**ANTICIPATED FUNDING SOURCES**

Funding Source	Debt	Equity	Grants	Rebates	Other	TOTAL	% TOTAL	Likelihood	Adjusted Total
Agency Bonds	\$ 210,100,000	\$ -	\$ -	\$ -	\$ -	\$ 210,100,000	100%	100%	\$ 210,100,000
Appropriated Reserves	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%	100%	\$ -
Federal Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%	20%	\$ -
State/Local Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%	30%	\$ -
Foundation Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%	30%	\$ -
Other ( )	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%		\$ -
<b>TOTAL</b>	\$ 210,100,000	\$ -	\$ -	\$ -	\$ -	\$ 210,100,000	100%		
<b>% TOTAL</b>	100%	0%	0%	0%	0%	100%			



<b>PROJECT #</b>	25-06	<b>STRATEGIC ALIGNMENT</b>	8	High	<b>TOTAL USES</b>	\$2,131,250
<b>PROJECT NAME</b>	Compost Expansion (Hub and Spoke)	<b>CONFIDENCE OF COST</b>	+/- 20%	Med	<b>TOTAL SOURCES</b>	-\$2,131,250
<b>STATUS</b>	Design	<b>START/END DATES</b>	1/1/25	12/31/25	<b>BALANCE</b>	\$0

**PROJECT DESCRIPTION**

This project involves expansion of the Agency's Ulster Organics Recovery Facility from 5,000 - 10,000 tpy, the creation of a network of collection/processing facilities at MRDCs, the expansion of commercial composting facilities, and a pilot program to implement food waste diversion at schools/institutions. This project will require multiple permit modifications, including new permits/registrations for additional compost processing facilities. In addition to capital investments, the project involves substantial operating funds for staff and contractual expenses, most of which is expected to be covered by state/federal grant funds.



**STRATEGIC PLAN ALIGNMENT**

Plan Elements	G1: PPE Development	G2: Enviro Compliance	G3: Admin Excellence	G4: Waste Diversion	G5: Organics Recycling	G6: Outreach & Education	G7: Emissions Reductions	G8: Strategic Partnerships	G9: Final Disposal Solutions
Level of Alignment	High	High	Med	High	High	High	High	High	High

This project aims to reduce the volume of food scraps in the County's MSW by 50% by 2029 through a combination of outreach/education (G6), enforcement, facility improvements/expansions (G2, G5), and new partnerships (G8). By reducing and diverting food waste, the project is expected to reduce MSW (G4), driving a reduction in GHG emissions (G7). Overall, the project will substantially reduce the amount of waste landfilled/incinerated (G9).

**ESTIMATION SOURCES & METHODS**

Cost estimates are based on a combination of quotes/bids and in-house estimates. Deviation is expected to be within 20% +/- . NOTE: This project is the subject of two completed grant applications: a NYS DEC Climate Smart Communities grant, in partnership with Ulster County, for \$2,000,000 and a USDA Composting and Food Waste Reduction grant for \$400,000. Both grants involve funds for this capital project as well as for ongoing operational costs.

**FIVE YEAR PROJECTED USES**

Cost Category	Prior FYs	2025	2026	2027	2028	2029	Later FYs	TOTAL	% TOTAL
Planning	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%
Design	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000	2%
Other Pre-Construction	\$ -	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 250,000	12%
Construction/Renovation	\$ -	\$ 750,000	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ 1,250,000	59%
Construction Mgmt/Inspection	\$ -	\$ 112,500	\$ 75,000	\$ -	\$ -	\$ -	\$ -	\$ 187,500	9%
Other Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%
Capital Equipment & Installation	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000	9%
Contingencies	\$ -	\$ 136,250	\$ 57,500	\$ -	\$ -	\$ -	\$ -	\$ 193,750	9%
<b>TOTAL</b>	\$ -	\$ 1,498,750	\$ 632,500	\$ -	\$ -	\$ -	\$ -	\$ 2,131,250	100%
<b>% TOTAL</b>	0%	70%	30%	0%	0%	0%	0%	100%	

**ANTICIPATED FUNDING SOURCES**

Funding Source	Debt	Equity	Grants	Rebates	Other	TOTAL	% TOTAL	Likelihood	Adjusted Total
Agency Bonds	\$ 1,661,250	\$ -	\$ -	\$ -	\$ -	\$ 1,661,250	78%	100%	\$ 1,661,250
Appropriated Reserves	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%	100%	\$ -
Federal Grants	\$ -	\$ -	\$ 70,000	\$ -	\$ -	\$ 70,000	3%	20%	\$ 14,000
State/Local Grants	\$ -	\$ -	\$ 400,000	\$ -	\$ -	\$ 400,000	19%	30%	\$ 120,000
Foundation Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%	30%	\$ -
Other ( )	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%		\$ -
<b>TOTAL</b>	\$ 1,661,250	\$ -	\$ 470,000	\$ -	\$ -	\$ 2,131,250	100%		
<b>% TOTAL</b>	78%	0%	22%	0%	0%	100%			



<b>PROJECT #</b>	25-07	<b>STRATEGIC ALIGNMENT</b>	7	High	<b>TOTAL USES</b>	\$150,000
<b>PROJECT NAME</b>	Alternative Tech Research Park	<b>CONFIDENCE OF COST</b>	+/- 20%	Med	<b>TOTAL SOURCES</b>	-\$150,000
<b>STATUS</b>	Planning	<b>START/END DATES</b>	1/1/25	12/31/25	<b>BALANCE</b>	\$0

**PROJECT DESCRIPTION**

The Agency currently owns 90 acres adjacent to the Ulster Transfer Station property. This project would fund a feasibility study to determine which alternative technologies to attract to the site, and a research study of the long term viability of those technologies in New York.



**STRATEGIC PLAN ALIGNMENT**

Plan Elements	G1: PPE Development	G2: Enviro Compliance	G3: Admin Excellence	G4: Waste Diversion	G5: Organics Recycling	G6: Outreach & Education	G7: Emissions Reductions	G8: Strategic Partnerships	G9: Final Disposal Solutions
Level of Alignment	High	Med	Med	High	High	High	High	High	High
This project aims to explore the feasibility of a range of alternative technologies, such as biogasification, anaerobic digestion, hydrolysis, etc to recover energy and beneficial materials from components of the waste stream that are otherwise difficult to divert (G4, G5, G7, G9). It seeks to lay groundwork for collaboration with one or more research partners and alternative technology providers to establish demonstration projects, and to publish research findings to inform future directions and viability (G6, G8).									

**ESTIMATION SOURCES & METHODS**

Cost estimates are for the initial feasibility study only. Additional information from the feasibility study will inform future capital planning efforts.

**FIVE YEAR PROJECTED USES**

Cost Category	Prior FYs	2025	2026	2027	2028	2029	Later FYs	TOTAL	% TOTAL
Planning	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000	100%
Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%
Other Pre-Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%
Construction/Renovation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%
Construction Mgmt/Inspection	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%
Other Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%
Capital Equipment & Installation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%
Contingencies	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%
<b>TOTAL</b>	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000	100%
<b>% TOTAL</b>	0%	100%	0%	0%	0%	0%	0%	100%	

**ANTICIPATED FUNDING SOURCES**

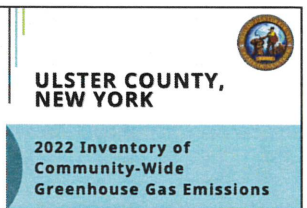
Funding Source	Debt	Equity	Grants	Rebates	Other	TOTAL	% TOTAL	Likelihood	Adjusted Total
Agency Bonds	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 150,000	100%	100%	\$ 150,000
Appropriated Reserves	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%	100%	\$ -
Federal Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%	20%	\$ -
State/Local Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%	30%	\$ -
Foundation Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%	30%	\$ -
Other ( )	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%		\$ -
<b>TOTAL</b>	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 150,000	100%		
<b>% TOTAL</b>	100%	0%	0%	0%	0%	100%			



<b>PROJECT #</b>	25-08	<b>STRATEGIC ALIGNMENT</b>	4	High	<b>TOTAL USES</b>	\$75,000
<b>PROJECT NAME</b>	GHG Emissions Study (Scope 1 - 4)	<b>CONFIDENCE OF COST</b>	+/- 10%	High	<b>TOTAL SOURCES</b>	-\$75,000
<b>STATUS</b>	Planning	<b>START/END DATES</b>	1/1/25	12/31/25	<b>BALANCE</b>	\$0

**PROJECT DESCRIPTION**

This project would fund a study of the Agency's greenhouse gas emissions and determine what options the Agency has to lower emissions. The study would complement Ulster County's GHG emissions inventory for County operations, which currently does not include the Agency. All emissions scopes (1 - 4) would be included, providing a template for the agency to calculate avoided emissions when considering future programmatic, equipment and facility investments.



**STRATEGIC PLAN ALIGNMENT**

Plan Elements	G1: PPE Development	G2: Enviro Compliance	G3: Admin Excellence	G4: Waste Diversion	G5: Organics Recycling	G6: Outreach & Education	G7: Emissions Reductions	G8: Strategic Partnerships	G9: Final Disposal Solutions
Level of Alignment	Med	High	High	Med	Med	High	High	Med	Med
This project will provide the Agency and its stakeholders with a clear understanding of current and future emissions, which will ensure compliance with state and local statutes and supplement financial measures of performance when considering future investments in capital equipment/facilities or programs (G2, G3). The study will help to inform outreach and education materials by citing current emissions and impacts of changes in behaviors by waste generators (G6). The study will also help inform decisions to maximize reduction of emissions (G7).									

**ESTIMATION SOURCES & METHODS**

Cost estimates are for the initial emissions study only. Additional information from the feasibility study will inform future capital planning efforts.

**FIVE YEAR PROJECTED USES**

Cost Category	Prior FYs	2025	2026	2027	2028	2029	Later FYs	TOTAL	% TOTAL
Planning	\$ -	\$ 75,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 75,000	100%
Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%
Other Pre-Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%
Construction/Renovation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%
Construction Mgmt/Inspection	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%
Other Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%
Capital Equipment & Installation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%
Contingencies	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%
<b>TOTAL</b>	\$ -	\$ 75,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 75,000	100%
<b>% TOTAL</b>	0%	100%	0%	0%	0%	0%	0%	100%	

**ANTICIPATED FUNDING SOURCES**

Funding Source	Debt	Equity	Grants	Rebates	Other	TOTAL	% TOTAL	Likelihood	Adjusted Total
Agency Bonds	\$ 75,000	\$ -	\$ -	\$ -	\$ -	\$ 75,000	100%	100%	\$ 75,000
Appropriated Reserves	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%	100%	\$ -
Federal Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%	20%	\$ -
State/Local Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%	30%	\$ -
Foundation Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%	30%	\$ -
Other ( )	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%		\$ -
<b>TOTAL</b>	\$ 75,000	\$ -	\$ -	\$ -	\$ -	\$ 75,000	100%		
<b>% TOTAL</b>	100%	0%	0%	0%	0%	100%			



<b>PROJECT #</b>	25-09	<b>STRATEGIC ALIGNMENT</b>	5	High	<b>TOTAL USES</b>	\$500,000
<b>PROJECT NAME</b>	New On-Site MRDC at UTS	<b>CONFIDENCE OF COST</b>	+/- 20%	Med	<b>TOTAL SOURCES</b>	-\$500,000
<b>STATUS</b>	Planning	<b>START/END DATES</b>	1/1/26	12/31/26	<b>BALANCE</b>	\$0

**PROJECT DESCRIPTION**

This project involves the creation of a residential drop-off center located at the Agency's Town of Ulster Transfer Station. The Ulster Transfer Station was created to handle commercial waste. With an increasing number of residents using non-passenger vehicles (vans, trucks, trailers), this would create a separate facility for residents to dispose of waste apart from the tipping floor, which is mainly used by haulers and other commercial vehicles. The project would take place on the Agency's vacant land near the main entrance, and would include roadway improvements, construction of a concrete pad for placement of containers and a canopy roof, installation of a scale and scale-house, outdoor lighting and signage.



**STRATEGIC PLAN ALIGNMENT**

Plan Elements	G1: PPE Development	G2: Enviro Compliance	G3: Admin Excellence	G4: Waste Diversion	G5: Organics Recycling	G6: Outreach & Education	G7: Emissions Reductions	G8: Strategic Partnerships	G9: Final Disposal Solutions
Level of Alignment	High	High	Med	High	High	High	Med	Med	Med
This project would separate commercial and residential customers, which will improve environmental compliance and safety (G2). By handling waste received directly from residents at a separate tipping floor, the Agency may be able to better separate and divert certain materials (G4, G5) and provide additional information and education to residents about source separation (G6).									

**ESTIMATION SOURCES & METHODS**

Cost estimates are planning level and have not been verified with quotes/bids.

**FIVE YEAR PROJECTED USES**

Cost Category	Prior FYs	2025	2026	2027	2028	2029	Later FYs	TOTAL	% TOTAL
Planning	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%
Design	\$ -	\$ -	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ 40,000	8%
Other Pre-Construction	\$ -	\$ -	\$ 3,000	\$ -	\$ -	\$ -	\$ -	\$ 3,000	1%
Construction/Renovation	\$ -	\$ -	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ 400,000	80%
Construction Mgmt/Inspection	\$ -	\$ -	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ 40,000	8%
Other Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%
Capital Equipment & Installation	\$ -	\$ -	\$ 17,000	\$ -	\$ -	\$ -	\$ -	\$ 17,000	3%
Contingencies	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%
<b>TOTAL</b>	\$ -	\$ -	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ 500,000	100%
<b>% TOTAL</b>	0%	0%	100%	0%	0%	0%	0%	100%	

**ANTICIPATED FUNDING SOURCES**

Funding Source	Debt	Equity	Grants	Rebates	Other	TOTAL	% TOTAL	Likelihood	Adjusted Total
Agency Bonds	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ 500,000	100%	100%	\$ 500,000
Appropriated Reserves	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%	100%	\$ -
Federal Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%	20%	\$ -
State/Local Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%	30%	\$ -
Foundation Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%	30%	\$ -
Other ( )	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%		\$ -
<b>TOTAL</b>	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ 500,000	100%		
<b>% TOTAL</b>	100%	0%	0%	0%	0%	100%			