

ULSTER COUNTY RESOURCE RECOVERY AGENCY

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January 1, 2021

To Whom It May Concern:
Attn: Manager

**The enclosed Report Form has been revised.
DO NOT use a copied form from a previous year.**

This letter requires your immediate attention and response.

The Ulster County Resource Recovery Agency is gathering waste characterization data to compile the state-mandated **Annual Waste & Recycling Report** for Ulster County. As the solid waste planning unit for Ulster County, the requested information is essential to evaluate and report on waste reduction and recycling practices and goals set in the Local Solid Waste Management Plan, as required by the New York State Department of Environmental Conservation. The requested information is also required under the *Ulster County Mandatory Source Separation and Recycling Law No. 8, Section 8-18* and failure to respond to this request is considered an unlawful act.

Please complete the enclosed report form for reporting year **January 1st 2020 – December 31st 2020** and return it to the Ulster County Resource Recovery Agency via mail, fax, or e-mail as soon as possible and **no later than Friday February 26th 2021.**

Your cooperation to report accurate information is essential to determining recycling and waste diversion rates for Ulster County, and to maintain records of mandatory recycling practices. Should you have any questions or need assistance completing the form, please do not hesitate to contact me at (845) 336-0600 or apeo@ucrra.org.

Your timely response is greatly appreciated. Thank you for your consideration.

Sincerely,

Angelina Peone
Recycling Coordinator

CC: Tim DeGraff, CPA, Acting Executive Director

UCRRA Annual Waste & Recycling Report FAQ's

What is the UCRRA Annual Recycling and MSW Report?

UCRRA develops and implements a **Local Solid Waste Management Plan (LSWMP)** and reports, as required by 6 NYCRR Part 366-2.2 to the NYS Department of Environmental Conservation. This report assists the Agency and NYSDEC in evaluating success in LSWMP goals, among other important indicators in solid waste management planning. The Report also serves as a mechanism to affirm mandatory recycling practices, as established in the local Source Separation and Recycling Law.

Who is required to complete this form?

If you manage a commercial business, corporation, educational institution, not-for-profit organization, etc. or any other legal entity including a municipality in Ulster County, you are required to recycle and must complete these reports per the Ulster County Mandatory Source Separation and Recycling Law, Local Law Number 4 of 2010. Failure to comply, complete, and respond to this request for information is considered an unlawful act.

Do I need to complete a separate form for each business location in Ulster County?

Yes. Waste characterization data must be reported for each facility location, listed separately. Photocopy the blank form and complete one for each location.

How do I complete this form?

1. **Complete the Contact Information section** – the person completing the form should be the person listed in this section.
2. **Complete the Recycling Education questionnaire. Incomplete forms will not be accepted.**
3. **Complete the MSW and Recycling Form section.**
 - ✓ For each material that was generated and source-separated for the purpose of recycling or diversion, report the total amount in TONS.
 - TIP: Contact the disposal/recycling company for this information. Accurate reporting is essential; please estimate to the best of your ability or contact UCRRA for assistance in calculating an estimate. *For your convenience, a list of volume to weight conversions and helpful tips are included as an Appendix to this document.*
 - ✓ Where applicable, leave the form BLANK if an item/material was NOT generated or separated from the trash at your facility that year.
 - ✓ For each material you report, include the final/recycling disposal destination.
 - TIP: If material was picked up by a waste/recycling hauler, simply list the name and address of the company. If the material was delivered to a recycler (scrap yard, electronics recycler, etc.) list the name and address of that company. If the material was brought to the UCRRA, simple put a check mark in this space.
 - ✓ For each material listed in the form, provide a brief description, only if necessary for clarification.
4. **Return all forms to:**
Angelina Peone, Recycling Coordinator
apeo@ucrra.org (fax) 845-336-4129 P.O. Box 6219, 999 Flatbush Road Kingston NY 12401



ULSTER COUNTY RESOURCE RECOVERY AGENCY
2020 ANNUAL WASTE & RECYCLING REPORT
January 1, 2020 through December 31, 2020
 * For Material Collected in Ulster County ONLY *

Section 1: Contact Information

Company Name		
Contact Person	Title	
Telephone	Fax	E-mail
Mailing Address	Location Address	
City, State, Zip	City, State, Zip	

Section 2: Recycling Education Questionnaire

REQUIRED IF LOCATED IN ULSTER COUNTY** INCOMPLETE FORMS WILL NOT BE ACCEPTED

1	How do your customers, employees, patients, students, etc. know what can be recycled at your facility? <u>Please provide a detailed explanation</u> of the placement of recycling bins, how they are labeled, use of signs/posters, announcements, trainings, etc.	
2	Has your facility/company implemented any waste reduction strategies? Please provide a detailed explanation of any processes or policies that reduce waste.	
3	UCRRA offers free consultation services to improve recycling and waste reduction programs and can provide a guidebook, posters, flyers, and other resources to Ulster County businesses and facilities. Would you like us to follow up with you about these programs and resources? <div align="center"> <input type="checkbox"/> Yes <input type="checkbox"/> No </div>	

Section 3: Municipal Solid Waste & Recycling Form

PLEASE READ INSTRUCTIONS CAREFULLY

INSTRUCTIONS			
<ul style="list-style-type: none"> ✓ For multiple locations, copy this form and submit one report for each location. ✓ Only report materials that were generated in Ulster County. ✓ All data must be reported in METRIC TONS. Conversion factors are provided at the end of this document. ✓ If an item in the list is not applicable to your facility, simply leave that space blank. ✓ Provide a brief description of the item, only if necessary for clarification. ✓ For each item you report, list the company name and complete address. If brought to the UCRRRA, simply use a check mark ✓ 			
ITEM	DESCRIPTION	TOTAL TONS	FINAL DISPOSAL FACILITY If delivered directly to UCRRRA, simply use a check mark ✓
WASTE DISPOSAL			
1. Garbage (Municipal Solid Waste, MSW)			Company: Address:
2. Construction & Demolition Debris (C&D) Disposal	If recycled, skip to #38-40		Company: Address:
3. BIOSOLIDS			Company: Address:
REGULATED RECYCLABLE MATERIALS			
4. Single Stream Recyclables (paper, plastic, cardboard, glass, and metal)			Company: Address:
5. Mixed Paper (all grades)			Company: Address:
6. Corrugated Cardboard			Company: Address:
7. Container Glass (all colors)			Company: Address:
8. Dual Stream Recyclables (plastic, glass, and metal)			Company: Address:

ITEM	DESCRIPTION	TOTAL TONS	FINAL DISPOSAL FACILITY
9. Beverage Containers (5 cent deposits) (Specify types)			Company: Address:
MISCELLANEOUS RECYCLABLES			
10. Film Plastics (plastic bags)			Company: Address:
11. Electronics (all types)			Company: Address:
12. Clothing, Shoes, & Textiles			Company: Address:
13. Tires			Company: Address:
14. Furniture, Misc. Bulk items for *REUSE*			Company: Address:
15. Wood Pallets for *REUSE*			
HAZARDOUS WASTES			
16. Fluorescent Lighting			Company: Address:
17. Batteries (specify type)			Company: Address:
18. Antifreeze			Company: Address:
19. Motor Oil			Company: Address:
20. Waste Fuels (specify type)			Company: Address:
21. Propane Tanks			Company: Address:

ITEM	DESCRIPTION	TOTAL TONS	FINAL DISPOSAL FACILITY
22. Bulk Liquids (specify type)			Company: Address:
23. Pharmaceutical Waste (medications)			Company: Address:
24. Medical SHARPS (syringes, needles, etc.)			Company: Address:
25. Contaminated Soil			Company: Address:
SCRAP METAL RECYCLING			
26. Bulk metal (residential)			Company: Address:
27. Ferrous metal			Company: Address:
28. Nonferrous metal			Company: Address:
29. Freon appliances (air conditioners, refrigerators, dehumidifiers, etc.)			Company: Address:
ORGANICS RECYCLING			
30. Food Scraps (composting)			Company: Address:
31. Food Donations			Company: Address:
32. Fats, Oils, Grease			Company: Address:
33. Yard Wastes (Brush, Branches, Trees, Stumps)			Company: Address:

ITEM	DESCRIPTION	TOTAL TONS	FINAL DISPOSAL FACILITY
34. Wood Pallets (for composting)			Company: Address:
35. Leaves/Grass			Company: Address:
36. Animal Manure			Company: Address:
37. For compost sites: compost produced (specify cubic yards or tons)			
C&D RECYCLING			
38. Brick, Concrete, Masonry Materials (specify type)			Company: Address:
39. Plaster, drywall, non-asbestos insulation, etc.			Company: Address:
40. Clean (Uncontaminated) Soil & Rock			Company: Address:
OTHER WASTES NOT LISTED ABOVE			
41. Other (please specify)			Company: Address:
42. Other (please specify)			Company: Address:
43. Other (please specify)			Company: Address:
44. Other (please specify)			Company: Address:

Standard Volume-to-Weight Conversion Factors

Category	Recyclable Materials	Volume	Est. Wt. (TONS)	Source
Appliances	<i>Dishwasher</i>	1 unit	0.063	1
	<i>Clothes Dryer</i>	1 unit	0.063	1
	<i>Stove</i>	1 unit	0.075	1
	<i>Refrigerator</i>	1 unit	0.125	1
	<i>Clothes Washer</i>	1 unit	0.075	1
Automotive	<i>Automotive Lead-acid Battery</i>	one	0.018	3
	<i>Truck Lead-acid Battery</i>	one	0.024	3
	<i>Light Duty Tires (passenger, light truck)</i>	one	0.011	5
	<i>Commercial Tires</i>	one	0.060	5
	<i>Used Motor Oil</i>	gal.	0.004	2
	<i>Antifreeze</i>	gal.	0.004	2
Carpeting	<i>Carpet</i>	cu. yd.	0.074	6
	<i>Carpet Padding</i>	cu. yd.	0.031	6
Commingled Recyclables	<i>Commingled Containers (Plastic bottles, Aluminum cans, Steel cans, Glass bottles) and Paper</i>	cu. yd.	0.131	4
	<i>Commingled Containers (Plastic bottles, Aluminum cans, Steel cans, Glass bottles), Corrugated Containers, Paper</i>	cu. yd.	0.056	4
	<i>Commingled Containers (Plastic bottles, Aluminum cans, Steel cans, Glass bottles) – NO PAPER</i>	cu. yd.	0.034	4
	<i>Containers (Cans, Plastic) - NO GLASS OR PAPER</i>	cu. yd.	0.016	7
	<i>Residential Recyclables Containers (Cans, Plastic) and Paper – NO GLASS</i>	cu. yd.	0.130	2
Electronics	<i>Desktop</i>	one	0.014	24
	<i>Laptop</i>	one	0.005	24
	<i>CRT Monitor</i>	one	0.020	1
	<i>15" Monitor</i>	one	0.015	2
	<i>17" Monitor</i>	one	0.023	2
	<i>21" Monitor</i>	one	0.030	2
	<i>Flat Panel Monitor</i>	one	0.012	1
	<i>Mixed Monitors</i>	one	0.015	24
	<i>CRT TV < 19 inch</i>	one	0.021	1
	<i>CRT TV ≥ 19 inch</i>	one	0.037	1
	<i>Printers</i>	one	0.008	24
	<i>Mice</i>	one	0.0001	9
	<i>Keyboards</i>	one	0.001	9
	<i>Cellular Phone</i>	one	0.00011	9
	<i>Computer-related Electronics</i>	cu. yd.	0.177	6
<i>Other Small Consumer Electronics</i>	cu. yd.	0.219	6	
Category	Recyclable Materials	Volume	Est. Wt. (TONS)	Source
Food	<i>Fats, Oils, Grease</i>	55 gal.	0.206	2
	<i>Organics - commercial</i>	cu. yd.	0.068	21
	<i>Source Separated Organics - commercial</i>	cu. yd.	0.500	15

	<i>Food Waste - restaurants</i>	cu. yd.	0.198	21
	<i>Food Waste</i>	cu. yd.	0.232	4
	<i>Food Waste</i>	cu. foot	0.011 - 0.023	4
	<i>Food Waste</i>	64-gal. toter	0.075	4
Glass	<i>Bottles, Whole</i>	cu. yd.	0.30-0.50	4
	<i>Bottles, Semi-crushed</i>	cu. yd.	0.50-0.90	4
	<i>Bottles, Crushed (mechanically)</i>	cu. yd.	0.40-1.35	4
Metals	<i>Aluminum Cans - Uncompacted</i>	cu. yd.	0.023	4
	<i>Steel Cans - Whole</i>	cu. yd.	0.025 - 0.088	10
	<i>Other Ferrous Metal</i>	cu. yd.	0.113	18
	<i>Other Non-Ferrous Metal</i>	cu. yd.	0.113	18
Paper	<i>Loose newsprint</i>	cu. yd.	0.18 - 0.4	1
	<i>Books - paperback, loose</i>	cu. yd.	0.214	23
	<i>Old Corrugated Containers - Flattened</i>	cu. yd.	0.053	4
	<i>Computer Paper - Loose</i>	cu. yd.	0.188 - 0.233	1
	<i>Computer Paper - Compacted/Baled</i>	cu. yd.	0.378 - 0.463	1
	<i>Mixed Office Paper - Loose</i>	cu. yd.	0.162	4
	<i>Mixed Office Paper - Compacted</i>	cu. yd.	0.305 - 0.378	1
	<i>Mixed Office Paper - Shredded</i>	cu. yd.	0.064	4
	<i>Cartons (milk and juice) uncrushed</i>	cu. yd.	0.025	7
Plastics	<i>Mixed PET and HDPE - Loose</i>	cu. yd.	0.016	7
	<i>Mixed Bottles/Containers #1 - #7 - Loose</i>	cu. yd.	0.020	4
	<i>Mixed Bottles/Containers #3 - #7 - Loose</i>	cu. yd.	0.013	4
	<i>LDPE Film, loose</i>	cu. yd.	0.018	13
	<i>LDPE Film, compacted</i>	cu. yd.	0.075	13
	<i>Trash Bags</i>	cu. yd.	0.018	6
	<i>Grocery/Merchandise Bags</i>	cu. yd.	0.018	6
	<i>Expanded Polystyrene Packaging/Insulation</i>	cu. yd.	0.016	6
Textiles	<i>Mixed Textiles Loose</i>	cu. yd.	0.063 - 0.088	10
	Wood			
	<i>Wood Chips, green</i>	cu. yd.	0.237	1
	<i>Wood Chips, dry</i>	cu. yd.	0.122	1
	<i>Saw Dust, wet</i>	cu. yd.	0.265	1
	<i>Saw Dust, dry</i>	cu. yd.	0.138	1
	<i>Pallets</i>	one	0.013	1
	<i>Christmas Trees, loose</i>	cu. yd.	0.015	1
Yard Trimmings	<i>Leaves</i>	cu. yd.	0.125 - 0.25	1
	<i>Mixed Yard Waste - Uncompacted</i>	cu. yd.	0.125	1
	<i>Mixed Yard Waste - Compacted</i>	cu. yd.	0.320	1
	<i>Prunings & Trimmings</i>	cu. yd.	0.064	6
	<i>Branches & Stumps</i>	cu. yd.	0.064	6
C & D	<i>Concrete with Re-bar</i>	cu. yd.	0.430	18
	<i>Asphalt Paving with Re-bar</i>	cu. yd.	0.387	19

<i>Composition Roofing</i>	cu. yd.	0.366	18
<i>Other Asphalt Roofing</i>	cu. yd.	0.366	18
<i>Other Roofing Aggregates</i>	cu. yd.	0.430	18
<i>Clean Dimensional Lumber</i>	cu. yd.	0.085	18
<i>Painted/Stained Wood</i>	cu. yd.	0.085	18
<i>Treated Wood</i>	cu. yd.	0.085	18
<i>Clean Gypsum Board</i>	cu. yd.	0.234	18
<i>Rock/Gravel</i>	cu. yd.	0.500	18
<i>Dirt and Sand</i>	cu. yd.	0.465	18
<i>Remainder/Composite Construction and Demolition</i>	cu. yd.	0.209	18
<i>Construction & Demolition Bulk</i>	cu. yd.	0.242	20
<i>HVAC Ducting</i>	cu. yd.	0.024	18

- 1 Oregon Department of Environmental Quality. 2007 Oregon Material Recovery and Waste Generation Rates Report September 2008 08-LQ-092. Attachment B: Measurement Standards and Reporting Guidelines 07-LQ-134. <http://www.deq.state.or.us/lq/pubs/docs/sw/MRAttachmentB.pdf>
- 2 Department of Ecology, State of Washington. Coordinated Prevention Grant Conversion Sheet. March, 2014. <http://www.ecy.wa.gov/pubs/1107016.pdf>
- 3 Factor developed using lead per battery data from Battery Council International. Recycling Rates 2009 to 2013. April 2014. http://c.ymcdn.com/sites/batterycouncil.org/resource/resmgr/BCI_Recycling_Rate_Study_200.pdf applied to battery composition data from Sullivan, JL and Gaines, L. 2010. A Review of Battery Life Cycle Analysis: State of Knowledge and Critical Needs. October 2010. Center for Transportation Research, Energy Systems Division, Argonne National Laboratory ANL/ESD/10-7.
- 4 Keep America Beautiful. Volume-to-Weight Recycling and Trash Conversion Factors Report. December 2013.
- 5 Rubber Manufacturers Association (RMA). 2013 U.S. Scrap Tire Management Summary. November 2014. http://www.rma.org/download/scrap-tires/market-reports/US_STMarket2013.pdf
- 6 California Integrated Waste Management Board. Targeted Statewide Waste Characterization Study: Detailed Characterization of Construction and Demolition Waste. June 2006. <http://www.calrecycle.ca.gov/publications/Documents/Disposal%5C34106007.pdf>
- 7 Keep America Beautiful, Recycle-Bowl Competition. Accessed February 2015. <http://recycle-bowl.org/wp-content/uploads/Recycle-Bowl-Estimating-Data-Fact-Sheet.pdf>
- 8 Great Forest. Volume to Weight Conversion Ratios for Commercial Office Waste in New York City. January 2013. Primary data; Commingled; large commercial properties (500,000 sq. ft – 1m sq. ft) in the New York metropolitan area. <http://www.greatforest.com/files/FileUpload/files/Great%20Forest%20-%20Waste%20Conversion%20Paper%20>
- 9 US EPA Electronics Waste Management in the United States Through 2009. May 2011.
- 10 WasteCare Corporation. Some Typical Loose and Baled Weights of Various Materials. Accessed April 2015. <http://www.wastecare.com/Products-Services/Balers/aboutbalers.htm>.
- 11 The Aluminum Association. U.S. Aluminum Beverage Can Recycling. http://www.aluminum.org/sites/default/files/section_images/UBCRecyclingRate2013.pdf
- 12 The Association of Postconsumer Plastic Recyclers (APR). Model Bale Specifications. <http://www.plasticsrecycling.org>
- 13 Caldwell, Maggie. Recycling Plastic Film and Shrink Wrap. May 16, 2014. <http://www.federalinternational.com/blog/recy>
- 14 Caterpillar Performance Handbook. 40th Edition. January 2010.
- 15 Minnesota Pollution Control Agency. Data provided by professional composter. 2015. Source separated organics - food scraps, non-recyclable paper (paper plates/towels/etc) and compostable plastics.
- 16 Minnesota Department of Administration 2015 hauler records (excludes organics).
- 17 Minnesota Pollution Control Agency. 2013 MPCA MSW Landfill Annual Report Data.
- 18 California Integrated Waste Management Board. Targeted Statewide Waste Characterization Study: Detailed Characterization Of Construction and Demolition Waste. June 2006.
- 19 Tellus scaled down by factor from Florida C&D study -- Converting C&D Debris from Volume to Weight: A Fact Sheet for C&D Debris Facility Operators, University of Florida, 2000.
- 20 Florida Dept of Environmental Protection <http://www.dep.state.fl.us/waste/categories/recycling/cd/canddmain.htm>
- 21 CalRecycle. 2014 Generator-Based Characterization of Commercial Sector Disposal and Diversion in California. September 10, 2015. <http://www.calrecycle.ca.gov/Publications/Documents/1543/20151543.pdf>
- 22 Goldstein, Nora. "Food Scraps Composting Laboratory". *BioCycle*. January 2013, Vol. 54, No. 1, p. 33. <https://www.biocycle.net/2013/01/22/food-scraps-composting-laboratory/>
- 23 U.S. EPA. Standard Volume-to-Weight Conversion Factors. Last updated: February 28, 2006. <https://www.epa.gov/smm/metrics-waste-reduction>
- 24 National Center for Electronics Recycling (NCER). <http://www.electronicrecycling.org/> Mixed monitors and TVs: total pounds collected divided by total units collected.

Results: 2019 Ulster County Annual Recycling Report

Summary based on survey responses for reporting year Jan 1, 2019-Dec 31, 2019

Ulster County generated 247,074 tons of solid waste materials, including municipal solid waste, construction and demolition debris, biosolids, regulated recyclable materials, organics, scrap metal, electronics, tires, textiles, hazardous wastes, and other miscellaneous wastes. Of the 247,074 tons of wastes generated, 85,312 tons was diverted from disposal for the purpose of reuse and recycling. Based on the survey results, **Ulster County has a 34% Diversion Rate. It can also be inferred that Ulster County has a 66% Disposal Rate. Note: This includes residential and commercial generators combined.**

Ulster County generated 109,212 tons of municipal solid waste, including residential waste and commercially or institutionally generated waste. Additionally, Ulster County generated 26,366 tons of regulated recyclable materials that was diverted from disposal. Of the 26,366 tons of recyclables, approximately 7,656.15 tons was single stream recyclables and the remaining recyclables were collected using various methods of source separation. Of the 26,366 tons of recyclables, approximately 13,297.29 was source separated corrugated cardboard, making the largest material component of the recycling stream by weight. Based on the survey results, **Ulster County has a 24% Recycling Rate. Note: This includes residential and commercial generators combined. Note: New York State average recycling rate is 21%, nationwide, USA average is 34%.**

Ulster County generated 109,212 tons of municipal solid waste. Additionally, Ulster County generated 17,058 tons of organic materials, including source separated food scraps, yard wastes, fats, oils, greases, leaves, grass clippings, and animal manures. Of the 17,058 tons of organics, approximately 7,907 tons was source separated food scraps, making up the largest material component of the organics recycling stream by weight. Based on the survey results, **Ulster County has a 16% Composting Rate. Note: This does not include residential participation in backyard composting.**

When recycling and composting activities are combined, which is common in solid waste analytics, **Ulster County has a 40% recycling and composting rate based on the survey results.**

Of the 247,074 tons of waste generated, Ulster County Resource Recovery Agency managed 153,858 tons of materials, or 62% of the total waste stream, including; 99.6% of all municipal solid wastes, 51.7% of construction and demolition debris, 23.4% of regulated recyclable materials and 45% of organics managed within the planning unit.

ULSTER COUNTY ANNUAL SOLID WASTE AND RECYCLING REPORT

PLANNING UNIT UPDATE

2020



 THE RECYCLING
PARTNERSHIP

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INTRODUCTION

The Ulster County Resource Recovery Agency (UCRRA) is a solid waste authority and public benefit corporation and acts as the solid waste planning unit for Ulster County. UCRRA is responsible for maintaining and updating a Local Solid Waste Management Plan (LSWMP). The LSWMP includes requirements for compiling waste characterization data on an annual basis for reporting measures and evaluative purposes. This is achieved by means of the Ulster County Annual Solid Waste and Recycling Report.

Each year UCRRA requests waste and recycling metrics from large waste generators within the planning unit and/or those that may accept waste from within the planning unit, in an effort to better understand the flow and management of waste materials in Ulster County. UCRRA analyzes and compiles this data to estimate total waste generation, diversion rates, and recycling rates for Ulster County.

Vendors, businesses, and facilities surveyed represent various business sectors including but not limited to: grocery stores, home improvement centers, retail outlets, scrap metal recovery facilities, waste and recycling haulers, municipal recycling drop off centers, educational institutions, healthcare facilities, and other recycling related businesses, facilities, or large waste generators. In 2020 a new category was added to include sporting/recreational facilities.

*The information presented in this document demonstrates both scale weight data and responses from surveys. There are notable limitations to the methodology and accuracy of this data, including the total number of facilities requested which varies from year to year, the response rate for each facility category, methods used by the respondents for measuring or estimating total weights and volumes, and other notable limitations that may lead to inaccuracy of this data. **Therefore, the Agency acknowledges that this report should not be used or presented without this acknowledgment statement, and/or presented out of context in any part of subpart of this report.***

This document and the data summarized therein was prepared by:

Angelina Peone, Director of Sustainability

Ulster County Resource Recovery Agency

999 Flatbush Road Kingston New York 12401

www.UCRRRA.org

845-336-0600

1. EXECUTIVE SUMMARY

*All results presented in this document refer to reporting year
January 1st – December 31st 2020.*

Based on survey results, Ulster County generated 226,946 tons of solid waste materials, including municipal solid waste, construction and demolition debris, biosolids, regulated recyclable materials, organics, scrap metal, electronics, tires, textiles, hazardous wastes, and other miscellaneous wastes. Of the 226,946 tons of wastes generated, 62,898.66 was diverted from disposal for the purpose of reuse, recycling, or for other industrial recycling purposes. Based on the survey results, **Ulster County has a 28% Diversion Rate in 2020. It can also be inferred that Ulster County has a 72% Disposal Rate. Note: This includes residential and commercial generators combined.**

Ulster County generated 101,388 tons of municipal solid waste, including residential waste and commercially or institutionally generated waste. Additionally, Ulster County generated 19,064 tons of regulated recyclable materials. Of the 19,064 tons of recyclables, approximately 5,979 tons was single stream recyclables and the remaining recyclables were collected using various methods of source separation. Of the 19,064 tons of recyclables, approximately 7,789 tons was *source separated corrugated cardboard, making the largest material component of this category by weight.* Based on the survey results, **Ulster County has a 19% Recycling Rate. Note: This includes residential and commercial generators combined.**

Ulster County generated 101,388 tons of municipal solid waste. Additionally, Ulster County managed 18,011 tons of organic materials through composting, including source separated food scraps, yard wastes, fats, oils, greases, leaves, grass clippings, and animal manures. Of the 18,011 tons of organics, approximately 6,589 tons was source separated food scraps, making up the largest material component of this category by weight. Based on the survey results, **Ulster County has an 18% Composting Rate. Note: This does not include residential participation in backyard composting.**

When recycling and composting activities are combined, which is common in solid waste analytics, **Ulster County has a 37% recycling and composting rate based on the survey results.**

Of the 226,946 tons of waste generated, Ulster County Resource Recovery Agency managed 163,440 tons of materials, or 72% of the total waste stream, including; 99.2% of all municipal solid wastes, 65.3% of construction and demolition debris, 37% of regulated recyclable materials and 40% of organics generated within the planning unit.

2. METHODOLOGY

Waste characterization data was requested from approximately **three hundred and twenty four** large waste generators. The survey was sent electronically via Google Mail Merge, by fax, and through direct mailings to physical addresses where applicable.

Extensive efforts were made to collect accurate data and to complete the requested forms. Agency staff was available to offer technical support for questions about the report form or how to complete it. The official memo sent to all recipients included instructions on how to complete the report, as well as volume to weight conversion factors.

As reports were received, the Director of Sustainability processed the data into an excel database recording the generator name and location, the types of material categories reported, tonnage of each material category, and the final disposal/recycling destination of each material category. Data collection was grouped and summarized by generator type.

To eliminate errors by duplicating entries, materials that were generated by a facility but would ultimately be counted in the final summary submitted by the end recycler of the material was marked as red text. These entries were later backed out during calculations using simple excel functions. The same methodology was used for any reported wastes that ultimately were transported to the UCRRA. The data submitted by the end-recycler is typically an actual scale weight rather than a survey estimate and results in a more reliable number. A master summary compiled the corrected totals, organized by waste generator sector, then further analyzed by material type.

For the purpose of this report

Waste Generation = Total sum of all waste streams reported

$$\text{Diversion rate} = \frac{\text{Total sum of waste that was recovered for the purpose of reuse or recycling}}{\text{Total sum of all waste streams reported}}$$

$$\text{Disposal rate} = \frac{\text{Total sum of waste that required disposal}}{\text{Total sum of all waste streams reported}}$$

$$\text{Recycling rate} = \frac{\text{Sum of all regulated recyclable materials reported}}{\text{Total Municipal Solid Waste stream}}$$

$$\text{Recycling \& Composting rate} = \frac{\text{Sum of all regulated recyclable materials and organics reuse or recycling reported}}{\text{Total Municipal Solid Waste stream}}$$

3. RESPONSE RATE

The response rates summarized below should be considered when interpreting the survey results presented in this document. As of **May 1st 2021**, the status of Response Rate by Generator Type is summarized below:

Municipal Recycling Drop Off Centers	100%
Permitted Solid Waste & Recycling Haulers	88%
Educational Institutions	86%
Miscellaneous or Recycling-Related Businesses	60%
Hotel/Hospitality	70%
Food/Ag	36%
Retail Centers	52%
Hospitals/Healthcare Centers	29%
Municipal Buildings, Offices, Etc.	35%

The first notices were sent on **January 4th 2021** – with a deadline to respond **no later than February 26th 2020**. Two weeks before the deadline, a reminder memo was sent via email and fax to any recipients who had not yet responded to the survey. One week before the deadline a second reminder memo was sent via emails. Agency staff also reached out directly via phone calls and left messages for any recipients who had not yet responded to the requests for information. Additional notices were sent via email and direct phone calls were made for several weeks after the deadline in every effort to collect as much data as possible. It should be noted that the covid-19 pandemic during 2020 likely influenced the collection of data and response rates for various generator types. It should be noted the response rate is significantly less in 2020 reporting year as compared to 2019.

4. ASSUMPTIONS

*The information presented in this document demonstrates both scale weight data and responses from surveys. There are notable limitations to the methodology and accuracy of this data, including the total number of facilities requested which varies from year to year, the response rate for each facility category, methods used by the respondents for measuring or estimating total weights and volumes, and other notable limitations that may lead to inaccuracy of this data. **Therefore, the Agency acknowledges that this report should not be used or presented without this acknowledgment statement, and/or presented out of context in any part of subpart of this report.***

With review of this information, the Agency notes the following assumptions:

1. The survey requests all waste material types and categories generated at each location/facility. The Agency assumes the responses represent the total waste characterization of the facilities being surveyed. To the greatest extent possible, Agency staff emphasized that all wastes types should be reported, and exercised discretion and asked for clarification when necessary.
2. Volume to weight conversion factors were provided in the memo sent to all generators to provide support and consistent metrics for completing the forms. The Agency assumes these conversion factor metrics are still accurate.
3. The Agency assumes the survey responses include accurate information to the greatest extent possible, using the best knowledge available to the persons completing the surveys.
4. **Due to low response rates the survey results can not accurately reflect the waste total generation or characterization of the waste stream. These factors should be in consideration when interpreting survey results.**
5. To the greatest extent possible, the Agency also surveyed businesses that were not located within Ulster County but had a role in managing waste or recyclables that were generated in, but was transported out of, Ulster County.
6. The Agency assumes the data reported represents service areas in Ulster County only, though in some cases it may be difficult to get a reliable number within a specific geographic region for certain generators surveyed. This is also true for UCRRA Organics Recycling program.

5. WASTE CHARACTERIZATION DATA

MATERIAL	TOTALS	TOTALS	CATEGORY
1. MSW	101387.824	164,047.25	DISPOSAL
2. C&D DEBRIS	58493.51		
3. BIOSOLIDS	4165.92		
4. Single Stream Recyclables	5978.72	19,063.56	RESIDENTIAL & COMMERCIAL RECYCLING
5. Mixed Paper (all grades)	2684.89		
6. Corrugated Cardboard	7789.256		
7. Container glass (all colors)	895.354		
8. Dual Stream Recyclables (comingled plastic, glass, metal)	1632.545		
9. Beverage Containers (5 cent deposit)	82.79		
10. Film Plastics	61.7	61.70	FILM PLASTIC RECYCLING
11. Electronics (all types)	429.495	429.50	ELECTRONICS RECYCLING
12. Clothing, Shoes, & Textiles	297.78	297.78	TEXTILE RECYCLING
13. Tires	1224.69	1,224.69	TIRE RECYCLING
14. Furniture, Misc. Bulk items (REUSE)	37.2	37.20	REUSE- FURNITURE
15. Wood Pallets (REUSE)	424.19	424.19	REUSE-WOOD PALLETs
16. Fluorescent Lighting	3.3461	1,359.10	
17. Batteries (specify type)	219.06		
18. Antifreeze	52.18		

2020 Ulster County Annual Recycling Report

Planning Unit Update

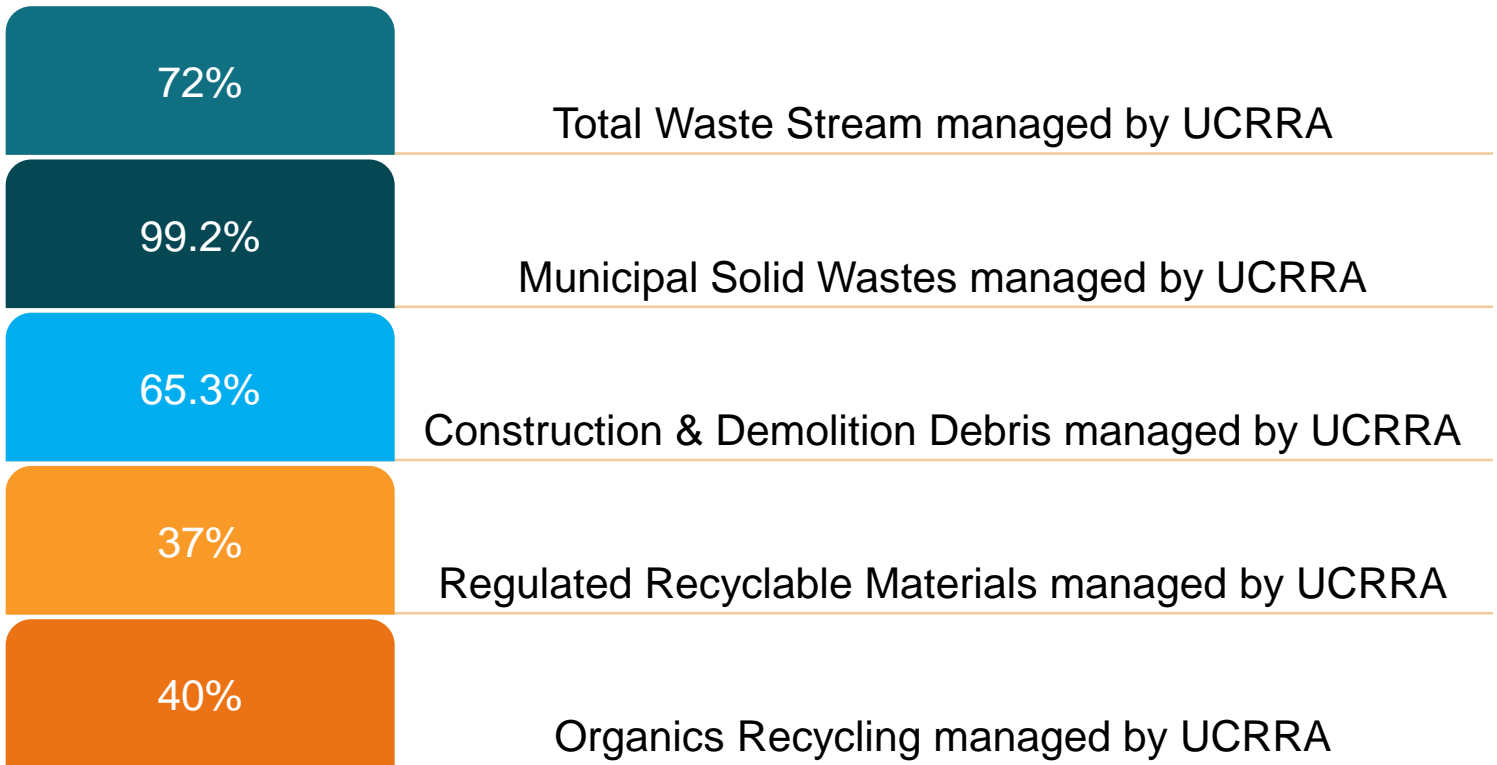
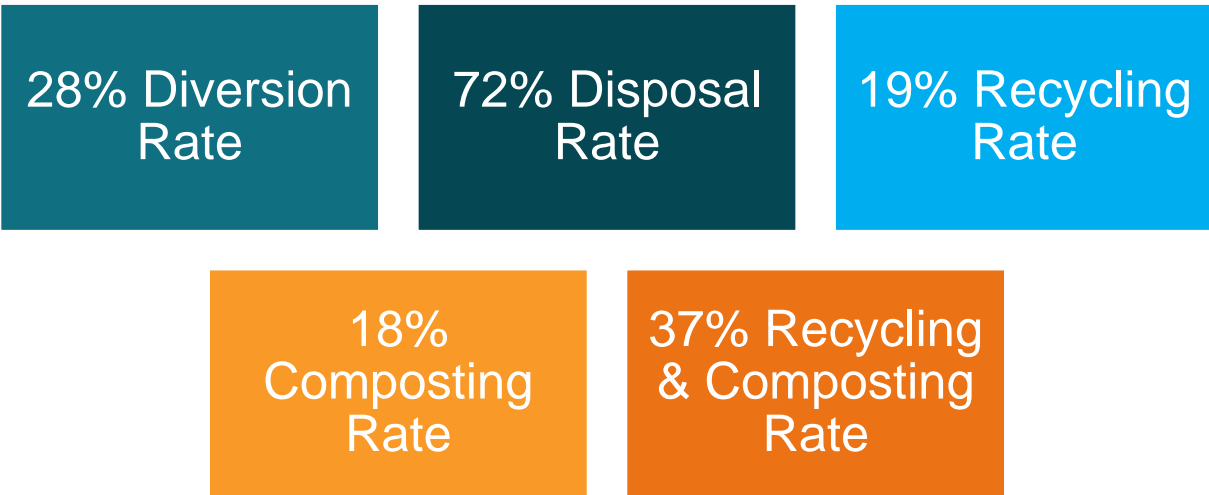
19. Motor Oil	352.54		MISC. HAZARDOUS WASTES
20. Waste Fuels (specify type)	171.1625		
21. Propane Tanks	0.34		
22. Bulk Liquids (specify type)	36.9825		
23. Pharmaceutical Waste (medications)	0.8		
24. Medical SHARPS (syringes, needles, etc.)	63.105		
25. Contaminated Soil	411.9		
Other Hazardous Wastes	47.68		
26. Bulk metal (residential)	2770.1	7,484.43	SCRAP METAL RECYCLING
27. Ferrous metal	3709.39		
28. Nonferrous metal	973.45		
29. Freon appliances (air conditioners, refrigerators, etc.)	31.49		
30. Food Scraps (COMPOSTING)	6589.202	18,011.16	ORGANICS RECYCLING
31. Food Donations	612.08		
32. Fats, Oils, Grease	448.3875		
33. Yard Wastes (Brush, Branches, Trees, Stumps)	6279.886		
34. Wood Pallets (for composting)	2818.31		
35. Leaves/Grass	626.87		
36. Animal Manure	554.2		
Other Organics	82.22		
37. Compost Produced (cy or tons)	7625	7,625.00	CUBIC YARDS FINISHED

2020 Ulster County Annual Recycling Report

Planning Unit Update

			COMPOST PRODUCED
38. Brick, Concrete, Masonry Materials (specify type)	12317.74	14,455.14	C & D RECYCLING & RECOVERY
39. Plaster, drywall, non- asbestos insulation, etc.	0		
40. Clean Uncontaminated Soil & Rock	19.7		
Other C&D Recycling	2117.7		
41. Other (specify type)	35.556	50.23	OTHER DIVERSIONS NOT CATEGORIZED
42. Other (specify type)	2.85		
41. Other (specify type)	9.38		
42. Other (specify type)	0.04		
	2.4		

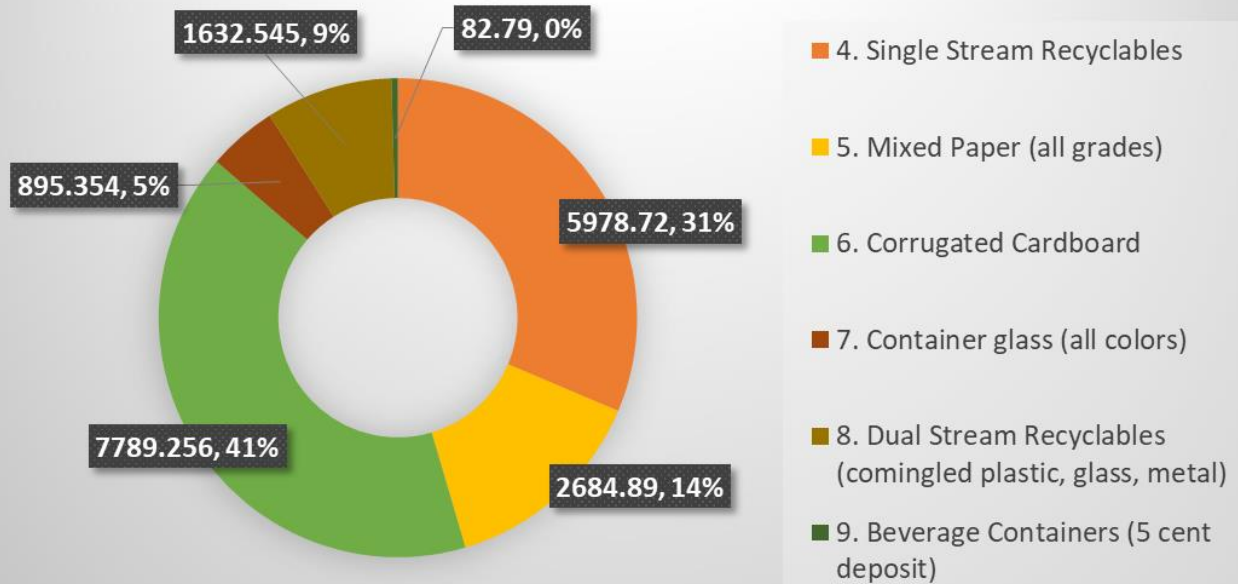
6. GRAPHICS SUMMARY



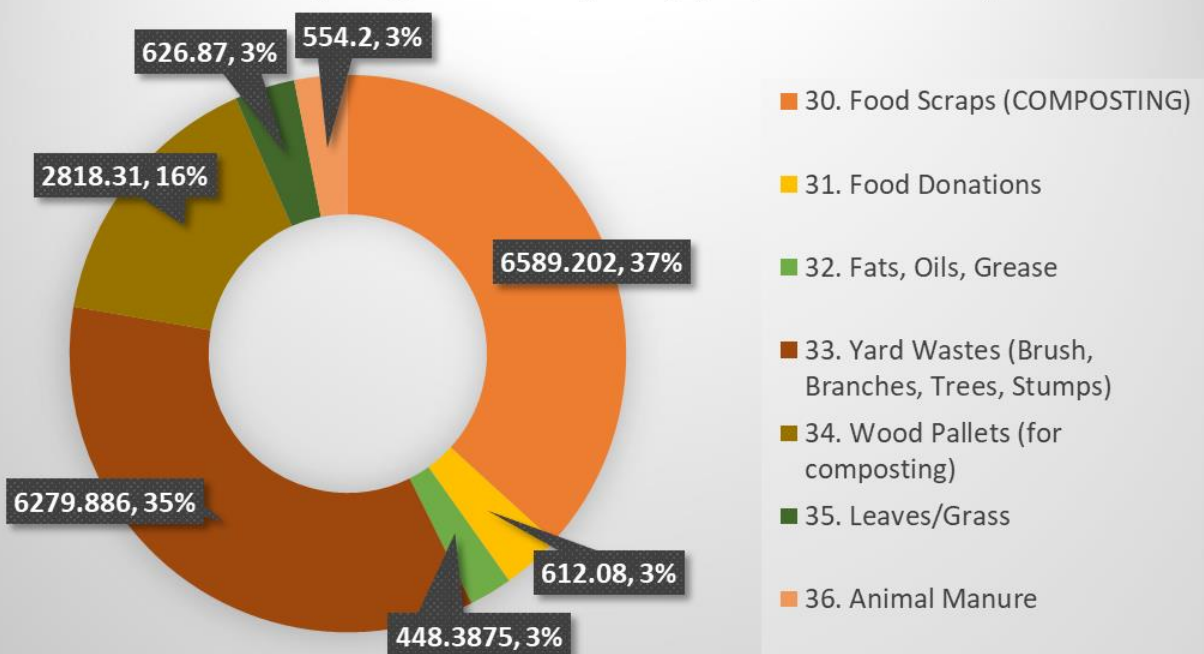
2020 Ulster County Annual Recycling Report

Planning Unit Update

Ulster County Regulated Recyclable Materials (19,063.56 tons) 2020



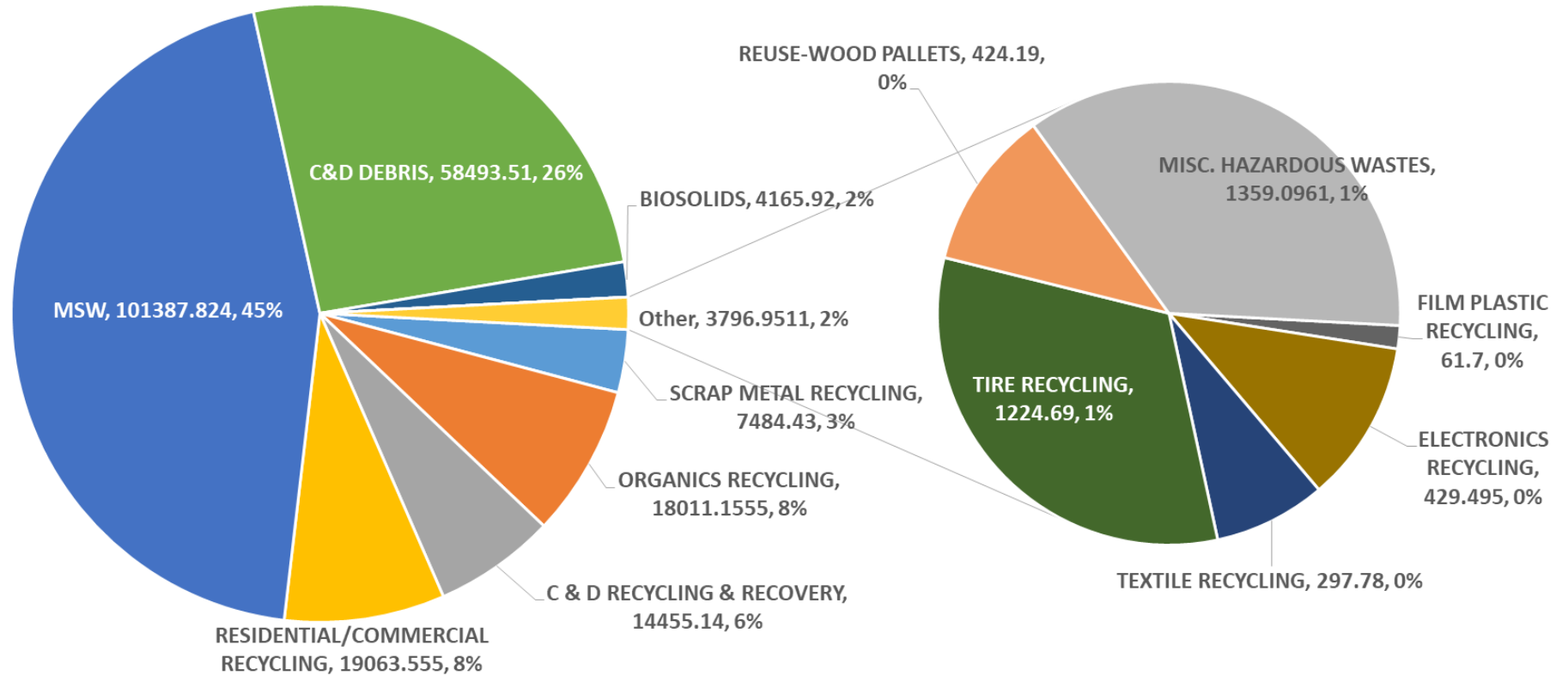
Ulster County Organics Recycling (18,011.16 tons) 2020



2020 Ulster County Annual Recycling Report

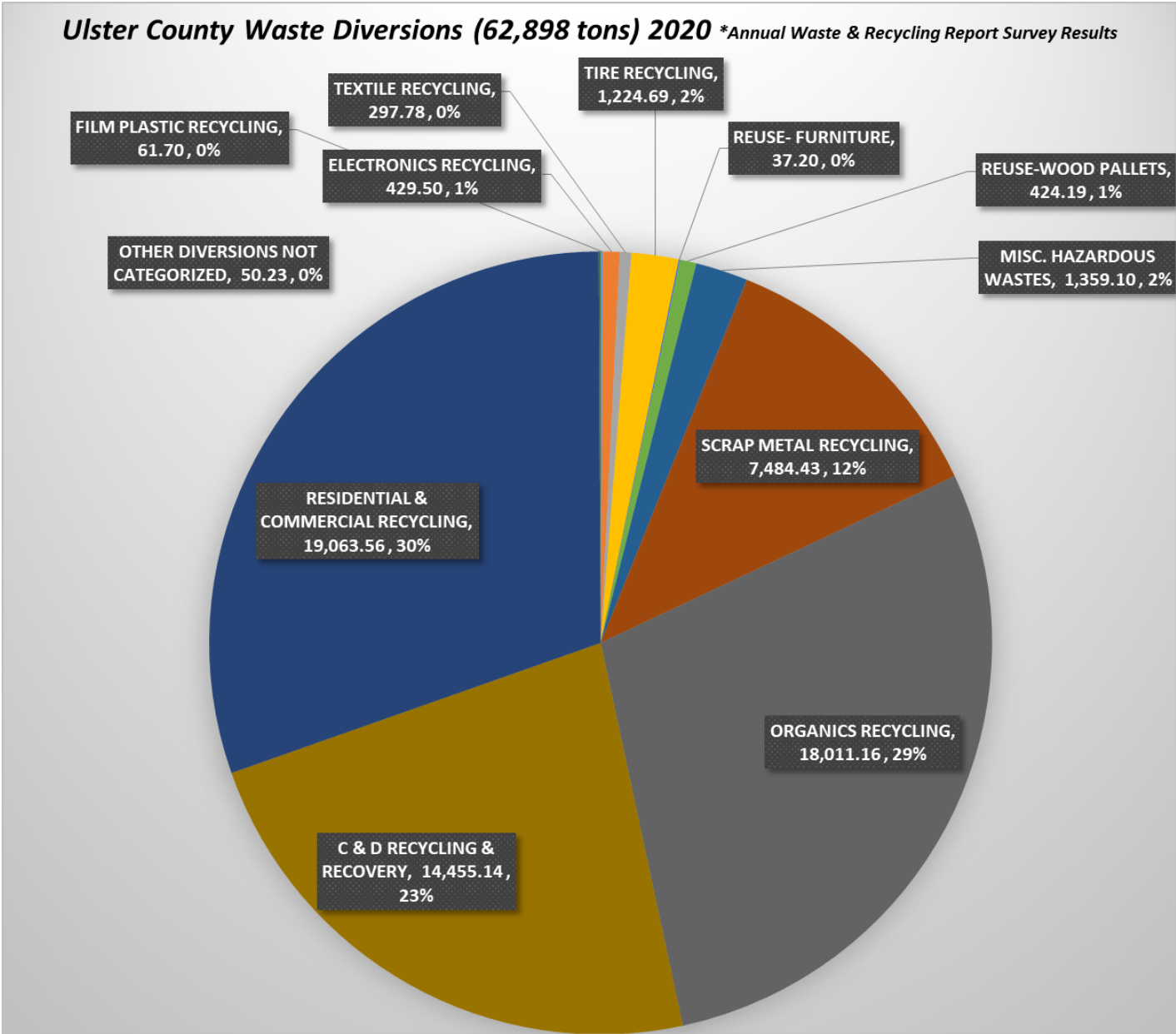
Planning Unit Update

Ulster County Total Waste Stream Composition (226,945 tons) 2020 *Annual Waste & Recycling Report Survey Results



2020 Ulster County Annual Recycling Report

Planning Unit Update



2020 Ulster County Annual Recycling Report

Planning Unit Update

APPENDIX

The data presented in this report was submitted by the following entities:

• AG	• Catskill Animal Sanctuary	• HOSP	• Ellenville Regional Hospital
• EDU	• Ellenville Central School District	• HOSP	• Northeast Center for Special Care
• EDU	• Highland Central School District	• HOTEL	• Americas Best Value Inn
• EDU	• Kingston City School District	• HOTEL	• Belleayre Mountain Ski Center
• EDU	• Marlboro Central School District	• HOTEL	• Comfort Inn
• EDU	• New Paltz Central School District	• HOTEL	• Diamond Mills Hotel & Tavern
• EDU	• Onteora Central School District	• HOTEL	• Emerson Resort & Spa
• EDU	• Saugerties Central School District	• HOTEL	• Rocking Horse Ranch Tee Bar Corp. dba Rocking Horse Ranch
• EDU	• SUNY New Paltz	• HOTEL	• Smiley Bros., Inc - Mohonk Mountain House
• EDU	• SUNY Ulster County Community College	• INDUST	• Fehr Bros Industries, Inc.
• EDU	• Ulster County BOCES	• INDUST	• LHV Precast
• EDU	• Wallkill Central School District	• INDUST	• N.E. Solite
• EDU	• Marlboro Central School District	• INDUST	• Optimum Window Manufacturing Corp.

2020 Ulster County Annual Recycling Report

Planning Unit Update

• EDU	• Woodstock Day School	• REC	• 209 Discount Beverages
• FOOD	• Adams Fairacre Farms	• REC	• A Messina and Sons
• FOOD	• ALDI	• REC	• American Lamp Recycling
• FOOD	• Bread Alone Bakeries	• REC	• Argenio Brothers, Inc.
• FOOD	• Hannaford Stores	• REC	• Arold Construction Co., Inc.
• FOOD	• JBS Solution dba MOPAC	• REC	• Beer World
• FOOD	• Mother Earth Store House	• REC	• Brainstorm Computers and Technology
• FOOD	• Peoples Place	• REC	• CANOS Scrap Metal
• FOOD	• Price Chopper	• REC	• Caraustar Recycled Fibers
• FOOD	• Sunflower Natural Foods Market	• REC	• Casings, Inc.
• HAULER	• American Carting	• REC	• Central Hudson
• HAULER	• AW Coon & Sons, Inc.	• REC	• Church Communities NY Inc. dba Maple Ridge Bruderhoff
• HAULER	• City of Kingston	• REC	• E-Waste +
• HAULER	• Community Compost Company	• REC	• East Penn Manufacturing
• HAULER	• Cottage Carting dba Marangi Disposal, Inc.	• REC	• EnviroWaste-EMAIL ONLY
• HAULER	• County Waste - Ulster, LLC (Waste Connections)	• REC	• Frost Valley YMCA

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Planning Unit Update

• HAULER	• CRP	• REC	• Greenway Environmental Services
• HAULER	• Darling International	• REC	• Hazelton Oil
• HAULER	• Empire Waste Services of Ulster County	• REC	• Interstate Battery
• HAULER	• Green State Services Corp.	• REC	• Interstate Refrigerant
• HAULER	• Interstate Waste	• REC	• Iron Mountain Secure Destruction
• HAULER	• Kingston Roll-Offs	• REC	• Jiffy Lube/Hoffman Carwash
• HAULER	• Lamela Sanitation	• HOSP	• Ellenville Regional Hospital
• HAULER	• Liberta Brothers, Inc.	• HOSP	• Northeast Center for Special Care
• HAULER	• Mid-Hudson Structural dba Recycle Depot	• HOTEL	• Americas Best Value Inn
• HAULER	• Nieco Container Corporation	• REC	• Lakin Tire
• HAULER	• On Time Disposal	• REC	• Legal Shred
• HAULER	• Organix Recycling	• REC	• Lorco Petroleum Services
• HAULER	• Recycling Crushing Technology, Inc. (Blacktop Maintenance)	• REC	• Luzon Environmental Services
• HAULER	• Royal Carting Service Co.	• REC	• National Lamp Recycling Inc.
• HAULER	• Russo Sanitation	• REC	• Northeast Battery
• HAULER	• Smith & Smith	• REC	• Power Pallet

2020 Ulster County Annual Recycling Report

Planning Unit Update

• HAULER	• Solid Waste Disposal Service	• REC	• Recoverers of Manufactured Products
• HAULER	• Superior Waste Services Inc.	• REC	• Republic Services - ReCommunity (formerly Hudson Baylor)
• HAULER	• Cottage Carting dba Marangi Disposal, Inc.	• REC	• Safety-Kleen Systems, Inc.
• HAULER	• County Waste - Ulster, LLC (Waste Connections)	• REC	• Shamrock Beer and Tobacco
•	•	• REC	• Sims Metal Management
• HAULER	• Sweeney Carting	• REC	• USagain
• HAULER	• Taylor-Montgomery	• REC	• VanKleeck's Tire
• HAULER	• Top Quality Sealcoat	• REC	• Vaz-Co Reclaiming
• HAULER	• Washington Estate Transport, Inc.	• REC	• Lakin Tire
• HAULER	• Waste Management	• REC	• Legal Shred
• HAULER	• Welsh Sanitation Service Co.	• REC	• Lorco Petroleum Services
• RETAIL	• Boost Mobile (Broadway Link)	• REC	• Luzon Environmental Services
• RETAIL	• Home Depot	• REC	• Veolia ES Technical Solutions
• RETAIL	• Kingston Plaza	• REC	• Village Construction Company
• RETAIL	• Kohls	• REC	• West Kingston Recycling
• RETAIL	• Petsmart	• REC	• Woodys Auto Parts Inc. /Royal Use Parts
• RETAIL	• Raymour & Flanigan	• REC	• Zumtobel Staff Lighting

2020 Ulster County Annual Recycling Report

Planning Unit Update

• RETAIL	• Staples #0242	• REC	• Veolia ES Technical Solutions
• RETAIL	• Stewart's Shops	• REC	• Village Construction Company
• RETAIL	• Target	• REC	• West Kingston Recycling
• RETAIL	• The Salvation Army - Social Services OFFICE	• REC	• Woodys Auto Parts Inc. /Royal Use Parts
• MRDC	• Town of Denning Transfer Station,	• SPORT	• Hudson Valley Sportsdome
• MRDC	• Town of Esopus Transfer Station,	• ELLEN	• Ellenville Village Hall
• MRDC	• Town of Gardiner Transfer Station,	• FIRE	• Highland Fire District
• MRDC	• Town of Hardenburgh Transfer Station	• GARD	• Gardiner Town Hall,
• MRDC	• Town of Hurley Transfer Station	• LAW	• Shawangunk Correctional Facility
• MRDC	• Town of Lloyd Transfer Station	• LAW	• Walkkill Correctional Facility
• MRDC	• Town of Marbletown Transfer Station	• OLIV	• Boiceville Waste Water Treatment Facility
• MRDC	• Town of Marlborough Transfer Station	• ROCH	• Rochester Community Center, Town Hall,
• MRDC	• Town of New Paltz Transfer Station,	• ROCH	• Rochester Highway Department
• MRDC	• Town of Olive Transfer Station	• SAUG V	• Village of Saugerties Waste Water Treatment Facility

2020 Ulster County Annual Recycling Report

Planning Unit Update

<ul style="list-style-type: none"> MRDC 	<ul style="list-style-type: none"> Town of Plattekill Transfer Station 	<ul style="list-style-type: none"> ELLEN 	<ul style="list-style-type: none"> Ellenville Village Hall
<ul style="list-style-type: none"> MRDC 	<ul style="list-style-type: none"> Town of Rochester Transfer Station, 	<ul style="list-style-type: none"> FIRE 	<ul style="list-style-type: none"> Highland Fire District
<ul style="list-style-type: none"> MRDC 	<ul style="list-style-type: none"> Town of Rosendale Transfer Station, 	<ul style="list-style-type: none"> GARD 	<ul style="list-style-type: none"> Gardiner Town Hall,
<ul style="list-style-type: none"> MRDC 	<ul style="list-style-type: none"> Town of Saugerties Transfer Station 	<ul style="list-style-type: none"> LAW 	<ul style="list-style-type: none"> Shawangunk Correctional Facility
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<ul style="list-style-type: none"> MRDC 	<ul style="list-style-type: none"> Town of Denning Transfer Station, 	<ul style="list-style-type: none"> SAUG V 	<ul style="list-style-type: none"> Village of Saugerties Waste Water Treatment Facility
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<ul style="list-style-type: none"> MRDC 	<ul style="list-style-type: none"> Town of Hardenburgh Transfer Station 	<ul style="list-style-type: none"> GARD 	<ul style="list-style-type: none"> Gardiner Town Hall,
<ul style="list-style-type: none"> MRDC 	<ul style="list-style-type: none"> Town of Hurley Transfer Station 	<ul style="list-style-type: none"> LAW 	<ul style="list-style-type: none"> Shawangunk Correctional Facility
<ul style="list-style-type: none"> MRDC 	<ul style="list-style-type: none"> Town of Lloyd Transfer Station 	<ul style="list-style-type: none"> LAW 	<ul style="list-style-type: none"> Wallkill Correctional Facility

2020 Ulster County Annual Recycling Report

Planning Unit Update

<ul style="list-style-type: none"> MRDC 	<ul style="list-style-type: none"> Town of Marbletown Transfer Station 	<ul style="list-style-type: none"> OLIV 	<ul style="list-style-type: none"> Boiceville Waste Water Treatment Facility
<ul style="list-style-type: none"> MRDC 	<ul style="list-style-type: none"> Town of Marlborough Transfer Station 	<ul style="list-style-type: none"> ROCH 	<ul style="list-style-type: none"> Rochester Community Center, Town Hall,
<ul style="list-style-type: none"> MRDC 	<ul style="list-style-type: none"> Town of New Paltz Transfer Station, 	<ul style="list-style-type: none"> ROCH 	<ul style="list-style-type: none"> Rochester Highway Department
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ULSTER COUNTY RESOURCE RECOVERY AGENCY

Board of Directors

Katherine Beinkafner, Chair
JoAnne Myers, Vice Chair
Charles Landi, Treasurer
Lisa Mitten, Member
Tom Kacandes, Member



P.O. Box 6219, 999 Flatbush Road
Kingston, NY 12402

Email: UCRRA@UCRRA.org
Website: www.UCRRA.org
Social: @UCRRA

Administrative Staff

Timothy DeGraff, CPA, Executive Director/Controller
Charles Whittaker, Director of Operations and Compliance
Angelina Brandt, Director of Sustainability
Melinda France, Recycling Educator
Vacant, Recycling Compliance Officer
Amy Lopiano, Chief Accounting Clerk

Legal Staff

Kenneth Gilligan, Esq.

Phone: (845) 336-0600
Fax: (845) 336-4129

January 1st 2022

**The enclosed Report Form has been updated.
DO NOT use a copied form from a previous year.**

Attn: Facilities Manager

This letter requires your immediate attention and response.

The Ulster County Resource Recovery Agency (UCRRA) is gathering waste characterization data to compile the **Ulster County Annual Waste & Recycling Report** per reporting requirements in accordance with our Local Solid Waste Management Plan. The requested information is also required under the Ulster County Mandatory Source Separation and Recycling Law, Sections 8-18, and failure to respond to this request is considered an unlawful act. These reporting requirements may also be applicable under the Ulster County Food Waste Prevention and Recovery Act. We ask for your active engagement and cooperation in this reporting process as an essential function of our mission is to conduct recycling compliance in the communities we serve. Thank you for your attention and consideration of this matter.

Please complete the enclosed report form for reporting year **January 1st 2021 – December 31st 2021** and return it to the Ulster County Resource Recovery Agency via mail, fax, or e-mail as soon as possible and **no later than Monday, February 28th 2022.**

Your cooperation to report accurate information in a timely manner is essential for determining recycling and waste diversion rates for Ulster County, and to maintain records of mandatory recycling practices. Should you have any questions or need assistance completing the form, please do not hesitate to contact me at (845) 336-0600 or apeo@ucrra.org.

Your timely response is greatly appreciated.

Sincerely,

Angelina Brandt
Director of Sustainability

CC: Timothy DeGraff, CPA, Executive Director/Controller

UCRRA Annual Waste & Recycling Report FAQ's

What is the UCRRA Annual Recycling and MSW Report?

For more information, please visit www.ucrra.org/waste-recycling/annual-recycling-report/

Who is required to complete this form?

Failure to comply, complete, and respond to this request for information is considered an unlawful act.

If you manage a commercial business, corporation, educational institution, not-for-profit organization, etc. or any other legal entity including a municipality in Ulster County, you are required to recycle and must complete these reports per the Ulster County Mandatory Source Separation and Recycling Law. Additionally, certain facilities identified as large food scrap generators are required to maximize the reduction of wasted food by separating edible food for donation, and recycling all remaining food scraps via organics recycling services, or via livestock feeding operations. These reporting requirements apply pursuant to the Ulster County Mandatory Food Waste Prevention and Recovery Act.

Do I need to complete a separate form for each business location in Ulster County?

Yes. Each facility should be reported separately to confirm recycling services are established at each individual location.

How do I complete this form?

1. **Complete the Contact Information section** – the person who receives all communications about the report and completes the form should be the person listed in this section.
2. **If the facility is located in Ulster County, complete the Recycling Education questionnaire section. Incomplete forms will not be accepted.**
3. **Complete the MSW and Recycling Form section.**
 - ✓ For each material that was generated at the facility, report the total amount in TONS.
 - TIP: Contact the disposal/recycling company for this information. Accurate reporting is essential; please estimate to the best of your ability using the calculations provided under each item, or contact UCRRA for assistance.
 - ✓ Where applicable, leave the form BLANK if an item/material was NOT generated or separated from the general trash.
 - ✓ For each material reported, include the name and address of the company that serviced your facility with disposal of that item.
 - TIP: If material was picked up by a waste/recycling hauler, simply list the name and address of that company. If the material was delivered to a recycler list the name and address of that company. If your facility hauled the material directly to a UCRRA facility, simple put a check mark in this space.
 - ✓ A blank space for a brief description is provided next to each item. Add comments only if necessary for clarification.
4. **Return all forms to:**
Angelina Brandt, Director of Sustainability
apeo@ucrra.org (fax) 845-336-4129 P.O. Box 6219, 999 Flatbush Road Kingston NY 12402



ULSTER COUNTY RESOURCE RECOVERY AGENCY
2021 ANNUAL WASTE & RECYCLING REPORT
January 1, 2021 through December 31, 2021
 * For Material Collected in Ulster County ONLY *

Section 1: Contact Information

Company Name		
Contact Person		Title
Telephone	Fax	E-mail
Mailing Address		Location Address
City, State, Zip		City, State, Zip

Section 2: Recycling Education Questionnaire

REQUIRED IF LOCATED IN ULSTER COUNTY** INCOMPLETE FORMS WILL NOT BE ACCEPTED

1	<p>How do your customers, employees, patients, students, etc. know what can be recycled at your facility?</p> <p>Please provide a detailed explanation of any practices that promote awareness of recycling policies.</p>	
2	<p>Has your facility implemented any waste reduction strategies?</p> <p>Please provide detailed examples of other waste reduction practices that may not be otherwise classified in this report.</p>	
3	<p>The UCRRA Recycling Outreach Team can support your waste reduction, recycling, or composting program in a number of ways. UCRRA provide guidebooks, posters, bin stickers, and other resources to Ulster County businesses, schools, and facilities.</p> <p style="text-align: center;">Would you like to receive more information about these programs and resources?</p> <p style="text-align: center;"><input type="checkbox"/> Yes <input type="checkbox"/> No</p>	

Section 3: Municipal Solid Waste & Recycling Form

PLEASE READ INSTRUCTIONS CAREFULLY

INSTRUCTIONS			
<ul style="list-style-type: none"> ✓ If an item in the list below is not applicable to your facility, simply leave that space blank. ✓ Provide a brief description of an item, only if necessary for clarification. ✓ For each item you report, list the company and address of the hauler/vendor. ✓ To complete this form for multiple facility locations, submit one report for each individual location. ✓ Only report materials that were generated in Ulster County. ✓ All data must be reported in TONS. Conversion factors are provided. Contact UCRRA for assistance. 			
ITEM	DESCRIPTION	TOTAL TONS	HAULER/VENDOR/DISPOSAL FACILITY
WASTE DISPOSAL			
1. Garbage (Municipal Solid Waste, MSW)			Company: Address:
1 cubic yard MSW (loose) = 0.15 tons 1 cubic yard MSW (compacted) = 0.33 tons			
2. Construction & Demolition Debris (C&D) Disposal	If recycled, skip to #38-40		Company: Address:
1 cubic yard BULK C&D = 0.24 tons or refer to volume-to-weight conversion sheet			
3. BIOSOLIDS			Company: Address:
1 cubic yard Sewage Sludge (dry) = 0.47 tons 1 cubic yard Sewage Sludge (wet) = 0.61 tons			
REGULATED RECYCLABLE MATERIALS			
4. Single Stream Recyclables (paper, plastic, cardboard, glass, and metal)			Company: Address:
1 cubic yard SSR = 0.13 tons			
5. Mixed Paper (all grades)			Company: Address:
1 cubic yard mixed paper = 0.16 tons			
6. Corrugated Cardboard			Company: Address:
1 cubic yard OCC = 0.05 tons			

ITEM	DESCRIPTION	TONS	HAULER/VENDOR/DISPOSAL FACILITY
7. Container Glass (all colors)			Company: Address:
1 cubic yard semi-crushed glass containers = 0.70 tons			
8. Dual Stream Recyclables (plastic, glass, and metal)			Company: Address:
1 cubic yard DSR = 0.034 tons			
9. Beverage Containers (5 cent deposits) (Specify types)			Company: Address:
1 unit (plastic) = 0.022 LBS 1 unit (glass) = 0.49 LBS 1 unit (aluminum) = 0.33 LBS			
MISCELLANEOUS RECYCLABLES			
10. Film Plastics (plastic bags)			Company: Address:
1 cubic yard film plastics = 0.018 tons			
11. Electronics (all types)			Company: Address:
Refer to volume-to-weight conversion sheet			
12. Clothing, Shoes, & Textiles			Company: Address:
1 cubic yard mixed textiles = 0.088 tons			
13. Tires			Company: Address:
1 small passenger car tire = 0.02 tons 1 medium truck tire = 0.03 tons			
14. Furniture, Misc. Bulk items for *REUSE*			Company: Address:
Estimate or Refer to volume-to-weight conversion sheet			
15. Wood Pallets for *REUSE*			
1 pallet = 0.013 tons			
HAZARDOUS WASTES			

ITEM	DESCRIPTION	TONS	HAULER/VENDOR/DISPOSAL FACILITY
16. Fluorescent Lighting			Company: Address:
1 Fluorescent Tube (≤4 foot) 0.63 LBS (10 ounces) 1 Fluorescent Tube (≥4 foot) 1.3 LBS			
17. Batteries (specify type)			Company: Address:
1 passenger car Lead-Acid Battery = 0.02 tons 1 cubic yard household batteries = 1.08 tons			
18. Antifreeze			Company: Address:
1 gallon antifreeze = 0.004 tons			
19. Motor Oil			Company: Address:
1 gallon used motor oil = 0.004 tons			
20. Oil Filters			Company: Address:
1 unit = 0.6-1 LBS			
21. Waste Fuels (specify type)			Company: Address:
1 gallon = 0.004 tons 1 55-gallon drum = 0.138 tons			
22. Propane Tanks			Company: Address:
1 unit (empty) = 0.009 tons			
23. Bulk Industrial Liquids (specify type)			Company: Address:
Refer to volume-to-weight conversion sheet			
24. Pharmaceutical Waste (medications)			Company: Address:
Unknown reference interval – Refer to disposal invoices			
25. Medical SHARPS (syringes, needles, etc.)			Company: Address:
1 cubic yard SHARPS = 0.15 tons			

ITEM	DESCRIPTION	TONS	HAULER/VENDOR/DISPOSAL FACILITY
26. Contaminated Soil			Company: Address:
1 cubic yard soil = 1 ton			
SCRAP METAL RECYCLING			
27. Bulk metal (residential)	See Also: #29 FREON		Company: Address:
1 cubic yard = 0.11 tons or refer to volume-to-weight reference sheet			
28. Ferrous metal			Company: Address:
1 cubic yard = 0.11 tons			
29. Nonferrous metal			Company: Address:
1 cubic yard = 0.11 tons			
30. Freon appliances (air conditioners, refrigerators, dehumidifiers, etc.)			Company: Address:
1 unit Refrigerator = 0.13 tons 1 unit AC = 0.03 tons			
ORGANICS RECYCLING			
31. Food Scraps (diverted for composting or anaerobic digestion)			Company: Address:
1 cubic yard commercial food scraps = 0.54 tons or 55 gallon drum = 0.21 tons			
32. Food Scraps (diverted for farm livestock feeding)			Company: Address:
1 cubic yard commercial food scraps = 0.54 tons or 55 gallon drum = 0.21 tons			
33. Food Donations			Company: Address:
1 meal = 1.2 LBS			
34. Fats, Oils, Grease			Company: Address:

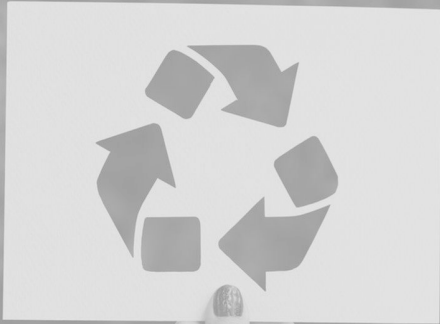
55 gallon drum = 0.21 tons			
ITEM	DESCRIPTION	TONS	HAULER/VENDOR/FACILITY
35. Yard Wastes (Brush, Branches, Trees, Stumps)			Company: Address:
1 cubic yard bulk yard waste = 0.13- 0.32 tons or 1 cubic yard woodchips = 0.24			
36. Wood Pallets (for composting)			Company: Address:
1 pallet = 0.013 tons			
37. Leaves/Grass			Company: Address:
1 cubic yard leaves/grass = 0.125 - 0.25 tons			
38. Animal Manure			Company: Address:
1 cubic yard manure = 0.33-0.75 tons			
39. For compost sites: tons/cy compost produced (specify)			
C&D RECYCLING			
40. Brick, Concrete, Masonry Materials (specify type)			Company: Address:
41. Plaster, drywall, non-asbestos insulation, etc.			Company: Address:
42. Clean Soil & Rock (Uncontaminated)			Company: Address:
OTHER WASTES NOT CLASSIFIED ABOVE			
43. Other (please specify)			Company: Address:
44. Other (please specify)			Company: Address:
45. Other (please specify)			Company: Address:

NOTE: You may include attachments or additional reports if necessary.

**ULSTER COUNTY ANNUAL SOLID
WASTE AND RECYCLING REPORT**

PLANNING UNIT UPDATE

2021



THE RECYCLING PARTNERSHIP

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INTRODUCTION

The Ulster County Resource Recovery Agency (UCRRA) is a solid waste authority and public benefit corporation and acts as the solid waste planning unit for Ulster County. UCRRA is responsible for maintaining and updating a Local Solid Waste Management Plan (LSWMP). The LSWMP includes requirements for compiling waste characterization data on an annual basis for reporting measures and evaluative purposes. This is achieved by means of the Ulster County Annual Solid Waste and Recycling Report.

Each year UCRRA requests waste and recycling metrics from large waste generators within the planning unit and/or those that may accept waste from within the planning unit. These efforts assist the Agency in understanding and quantifying the flow and management of waste and recyclable materials in Ulster County, including regulated recyclables. This data can be used to estimate total waste generation, diversion rates, and recycling rates for Ulster County.

Vendors, businesses, and municipal facilities surveyed represent various business sectors including but not limited to: grocery stores, home improvement centers, retail outlets, scrap metal recovery facilities, waste and recycling haulers, municipal recycling drop off centers, educational institutions, healthcare facilities, and other large waste generators. The contact list for this report may vary from year to year and is updated annually; new contacts may be added or re-categorized as necessary.

*The information presented in this document demonstrates both scale weight data (if available through UCRRA) and survey responses. There are notable limitations to the accuracy of these survey responses, including the total number of facilities surveyed which varies from year to year, the response rate for each facility category, methods used by respondents for measuring or estimating total weights and volumes, and other limitations that may lead to inaccuracy or incompleteness of this dataset. **Therefore, the Agency acknowledges that this report should not be used or presented without this acknowledgment statement and with great consideration of these limitations, and that the information presented should not be used out of context in any part of subpart of this report.***

This document was prepared by:

Angelina Brandt, Director of Sustainability

Ulster County Resource Recovery Agency

999 Flatbush Road Kingston New York 12401

1. EXECUTIVE SUMMARY

All results presented in this document refer to reporting year January 1st – December 31st 2021.

Based on survey results, Ulster County generated **249,173 tons** of waste materials, including municipal solid waste (MSW), construction and demolition debris (C&D), biosolids, regulated recyclable materials, organics, scrap metal, electronics, hazardous wastes, and other waste categories. Of the 249,173 tons of all wastes, **89,290 tons** was diverted from landfill disposal. Based on these survey results, it can be inferred that **Ulster County had a 33% Diversion Rate in 2021. Note: This includes residential and commercial waste generators combined.**

Ulster County businesses, schools, institutions, and residents generated **107,071 tons** of MSW. Additionally, curbside and drop off programs recovered **20,518 tons** of regulated recyclable materials (plastic bottles, jars, jugs, tubs, metal cans, paper, cardboard, glass containers). Of the 20,518 tons of recyclables, **6,830 tons** were recovered as *single stream*, and the remaining recyclables were collected using various levels of source separation. Of the **20,518 tons** of recyclables, approximately **7,890 tons** was source separated corrugated cardboard, making the largest material component of this category by weight. Source-separated mixed paper (all grades) was the third largest component of this recycling stream at **2,415 tons**. Based on these survey results, it can be inferred that **Ulster County had a 16% Recycling Rate in 2021. Note: This includes residential and commercial generators combined.**

In addition to recycling, **18,180 tons** of organic materials were managed by composting, organics rendering, anaerobic digestion, animal feeding operations, or food donation. Of the **18,180 tons** of organic materials documented, **5,427 tons** were yard wastes (brush, tree trunks, etc.), making up the largest component of this category by weight. Food scraps represent the next largest category, at **4,730 tons**, though some of this material was generated out-of county. Also of note within this category, UCRRA diverted **3,262 tons** of biosolids to a composting operation, representing the third largest component of all organics recycling. Based on these survey results, it can be inferred that **Ulster County had a 15% Composting Rate in 2021. Note: This does not include residential participation in backyard composting.**

When recycling and composting are combined, which is common in solid waste analytics, **this results in a 27% recycling and composting rate.**

Of the 249,173 tons of total waste documented, Ulster County Resource Recovery Agency managed 169,265 tons of materials, or 68% of the total waste stream recorded, including; 99.6% of all MSW, 68% of C&D, 35% of regulated recyclable materials and 53% of organics captured in this report.

2. METHODOLOGY

Approximately three hundred and four contacts received requests to complete a 2021 Annual Waste & Recycling Report. It should be noted that many of the single points of contact actually represent multiple facilities (example: School Districts). The contacts surveyed represent various sectors including but not limited to: grocery stores, home improvement centers, retail outlets, scrap metal recovery facilities, waste and recycling haulers, municipal recycling drop off centers, educational institutions, healthcare facilities, and other large waste generators. The contact list for this report may vary from year to year and is updated annually; new contacts may be added or re-categorized as necessary.

The standard memo sent to all recipients included detailed instructions on how to complete the report, as well as volume to weight conversion factors for every single material listed, in hopes of standardizing the manner in which materials were estimated when exact weights were unknown.

Notices were sent and tracked electronically via a Google Mail Merge system beginning January 4th-January 11th 2022. Where applicable, notices were also sent via fax or through direct mailings to physical addresses if email addresses were not available. Extensive efforts were made to collect completed forms, and the Agency's Director of Sustainability would review reports for completeness and follow up with questions when necessary.

A second round of notices were sent electronically and via physical mail during the week of February 1st – February 8th 2022. A third set of reminder emails via Google Mail Merge were circulated to any contacts that hadn't responded by February 15th, followed by a fourth set of reminders on February 28th including direct phone calls from Agency staff and final round of emails during the first week of March 2022 after the due date. Despite these efforts, the Agency recognizes this data presented is incomplete and limited by response rate.

As reports were received, the Director of Sustainability tracked responses in a master contact list, then processed responses into an excel database recording the generator name and location, the types of material reported, the tonnage of each material reported, and the final disposal/recycling destination of each material reported.

To eliminate errors and double-counting tonnages, the weights reported by the end-recycler would supersede any other entries that referenced that particular disposal/recycling destination. The data submitted by the end-recycler is typically a much more reliable number. Entries that would be counted towards the final total were left as black text, while entries that would be backed out (subtracted) from the total calculations were marked as red text. Simple excel functions were used to calculate totals within each sector, then transferred to a total summary.

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Planning Unit Update

It should be noted that these summaries by sector do not necessarily represent total waste generation by sector, because of the way the spreadsheets are manipulated.

For the purpose of this report:

Waste Generation = Total sum of all waste streams reported

Diversion rate =

$$\frac{\text{Total sum of waste that was recovered for the purpose of reuse or recycling}}{\text{Total Waste Generation}}$$

Recycling rate =

$$\frac{\text{Sum of all regulated recyclable materials reported}}{\text{Total Municipal Solid Waste stream+regulated recyclable materials reported}}$$

Recycling & Composting rate =

$$\frac{\text{Sum of all regulated recyclable materials and organics reported}}{\text{Total Municipal Solid Waste stream+regulated recyclable materials+organic materials reported}}$$

3. RESPONSE RATE

The response rates summarized below should be considered when interpreting the survey results presented in this document. As of **April 13 2022**, the status of Response Rate by Generator Type is summarized below:

Municipal Recycling Drop Off Centers	100%
Educational Institutions	81%
Hospitals/Healthcare	80%
Haulers	77%
Miscellaneous Recycling-Related Businesses	61%
Hotel/Hospitality	57%
Retail	55%
Automotive	50%
Food-Related Businesses	48%
Industrial/Manufacturing	40%
Energy/Fuel	36%
Municipal Buildings	35%
Agricultural	22%
Sporting	21%
Beverage Industry	18%

4. ASSUMPTIONS

The information presented in this document demonstrates both scale weight data (if available through UCRRA) and survey responses. There are notable limitations to the accuracy of these survey responses, including

- the total number of facilities surveyed which varies from year to year,
- the response rate for each facility category,
- methods used by respondents for measuring or estimating total weights and volumes,
- and other limitations that may lead to inaccuracy or incompleteness of this dataset.

Therefore, the Agency acknowledges that this report should not be used or presented without this acknowledgment statement and with great consideration of these limitations, and that the information presented should not be used out of context in any part of subpart of this report.

The Agency further notes the following assumptions and points of clarification:

1. The survey responses represent the waste characterization of the facilities being surveyed, to the best of the ability of the persons completing the reports.
2. There may be additional waste generators that the Agency has not yet identified, that may contribute significant additional information for this Annual Report.
3. Volume to weight conversion factors were provided in the memo, were consistently utilized to the greatest extent, and these conversion factors are still accurate based on available data.
4. Low response rates lead to data gaps that should be in considered when interpreting these survey results.
5. The Agency also surveyed businesses that were not located within Ulster County but had a role in managing waste or recyclables that were generated in, but were transported outside of, Ulster County.
6. The data reported represents service areas in Ulster County only, though in some cases it may be difficult to get a reliable number within a specific geographic region for certain generators surveyed. This is also true for UCRRA Organics Recycling program.

5. WASTE CHARACTERIZATION DATA

MATERIAL	TOTALS	TONS	CATEGORY
1. MSW	107,071.50	167,781.75	LANDFILL DISPOSAL
2. C&D DEBRIS	60,710.25		
4. Single Stream Recyclables	6830.17	20,518.91	RESIDENTIAL & COMMERCIAL REGULATED RECYCLING
5. Mixed Paper (all grades)	2415.643		
6. Corrugated Cardboard	7890.256		
7. Container glass (all colors)	494.34		
8. Dual Stream Recyclables (comingled plastic, glass, metal)	2149.5282		
9. Beverage Containers (5 cent deposit)	738.971		
10. Film Plastics	57.01	57.01	FILM PLASTIC RECYCLING
11. Electronics (all types)	382.78	382.78	ELECTRONICS RECYCLING
12. Clothing, Shoes, & Textiles	391.739	391.74	TEXTILE RECYCLING
13. Tires	1640.543	1,640.54	TIRE RECYCLING
14. Furniture, Misc. Bulk items (REUSE)	54.12	310.21	MISC. REUSE & DONATION
15. Wood Pallets (REUSE)	250.506		
45. Other (specify type)	5.58		
16. Fluorescent Lighting	24.1914	1,147.10	MISC. HAZARDOUS WASTES (RECYCLING
17. Batteries (specify type)	247.669		
18. Antifreeze	34.68		

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19. Motor Oil	239.935		OR SAFE DISPOSAL PROGRAMS)
20. Oil Filters	35.325		
21. Waste Fuels (specify type)	110.533		
22. Propane Tanks	14.284		
23. Bulk Liquids (specify type)	19.865		
26. Contaminated Soil	376.16		
43. Other (specify type)	24.394		
44. Other (specify type)	7.992		
45. Other (specify type)	12.07		
24. Pharmaceutical Waste (medications)	0.617	101.19	MISC. MEDICAL WASTES
25. Medical SHARPS (syringes, needles, etc.)	100.57		
27. Bulk metal (residential)	8925.105	26,392.49	SCRAP METAL RECYCLING
28. Ferrous metal	15461.545		
29. Nonferrous metal	1964.3558		
30. Freon appliances (air conditioners, refrigerators, etc.)	41.485		
31. Food Scraps (COMPOSTING)	4730.236	18,180.90	ORGANICS RECYCLING
32. Food Scraps (ANIMAL FEED)	367.87		
33. Food Donations	581.082		
34. Fats, Oils, Grease	2483.24		
35. Yard Wastes (Brush, Branches, Trees, Stumps)	5427.15		
36. Wood Pallets (for composting)	328.32		
37. Leaves/Grass	496.79		
38. Animal Manure	504		
39. <i>Compost Produced (cy or tons)</i>	4800.5		
3. BIOSOLIDS*	3262.21		

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40. Brick, Concrete, Masonry Materials (specify type)	12115.44	12,269.19	C & D RECYCLING & RECOVERY
41. Plaster, drywall, non-asbestos insulation, etc.	120		
42. Clean Uncontaminated Soil & Rock	33.75		

6. GRAPHICS SUMMARY

33% Overall
Landfill
Diversion Rate

16%
Recycling
Rate

15%
Composting
Rate

68%

Total Waste Stream managed by UCRRA

99.6%

Municipal Solid Wastes managed by UCRRA

68%

Construction & Demolition Debris managed by UCRRA

35%

Regulated Recyclable Materials managed by UCRRA

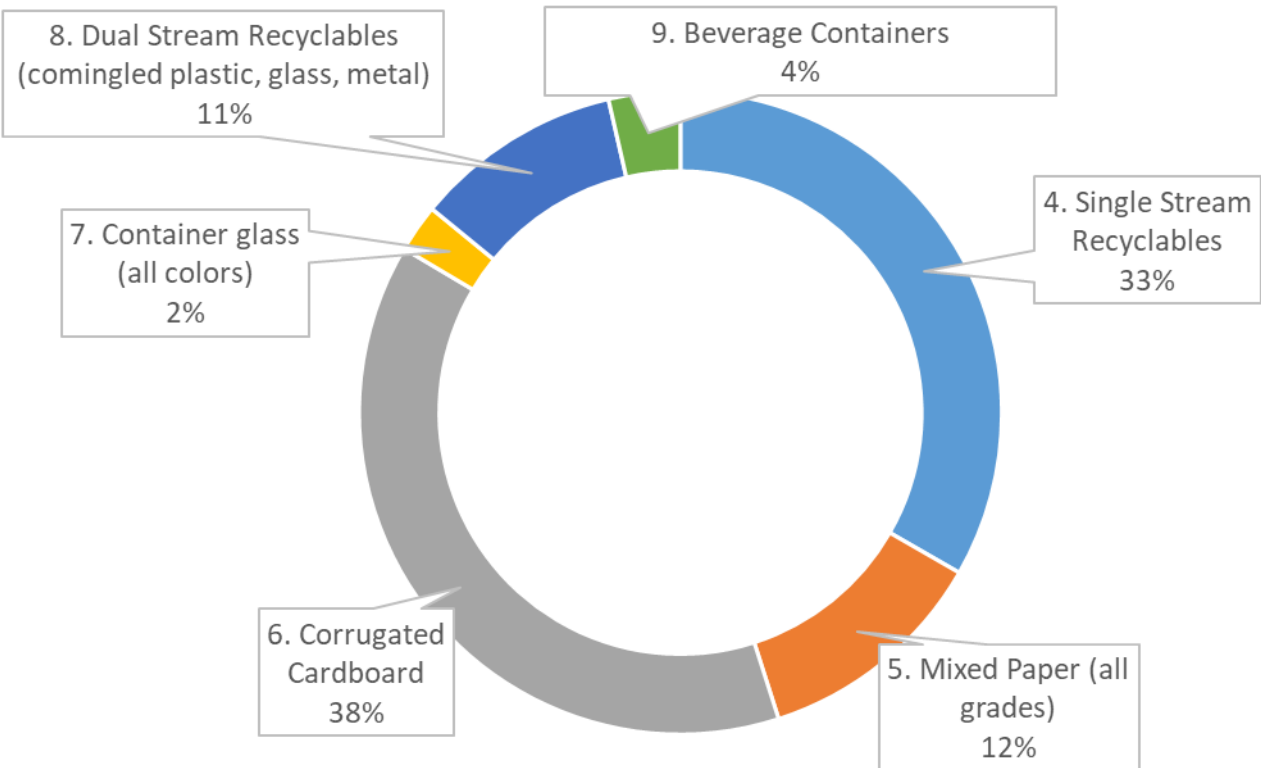
53%

Organics Recycling managed by UCRRA

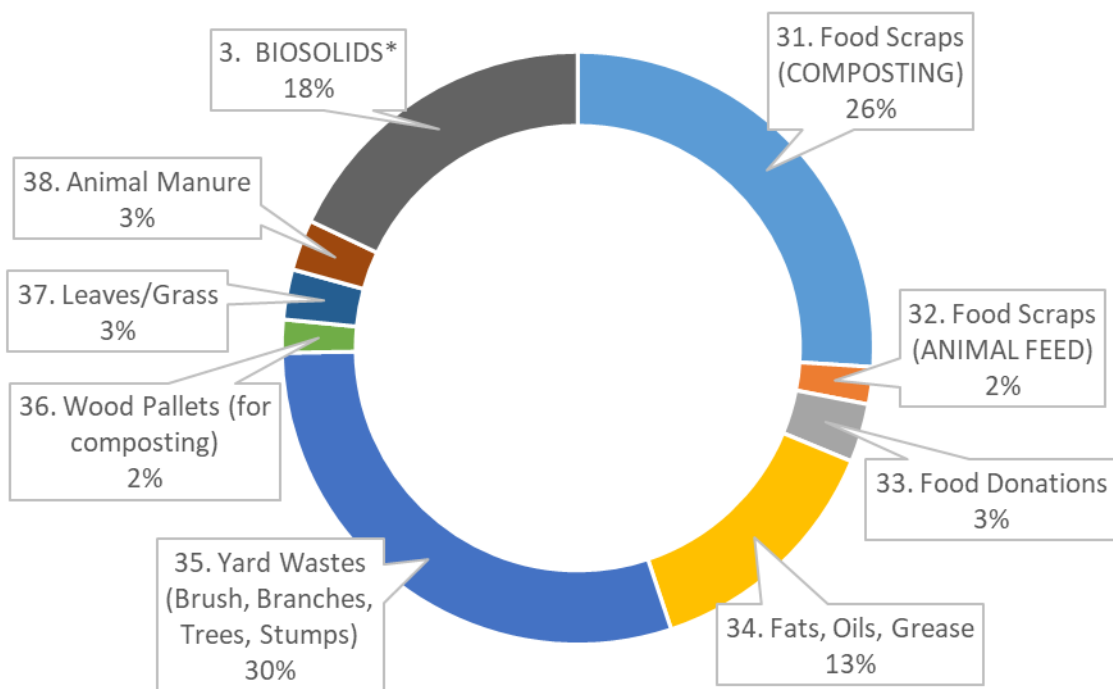
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Planning Unit Update

Ulster County Regulated Recyclable Materials (20,518 tons) 2021

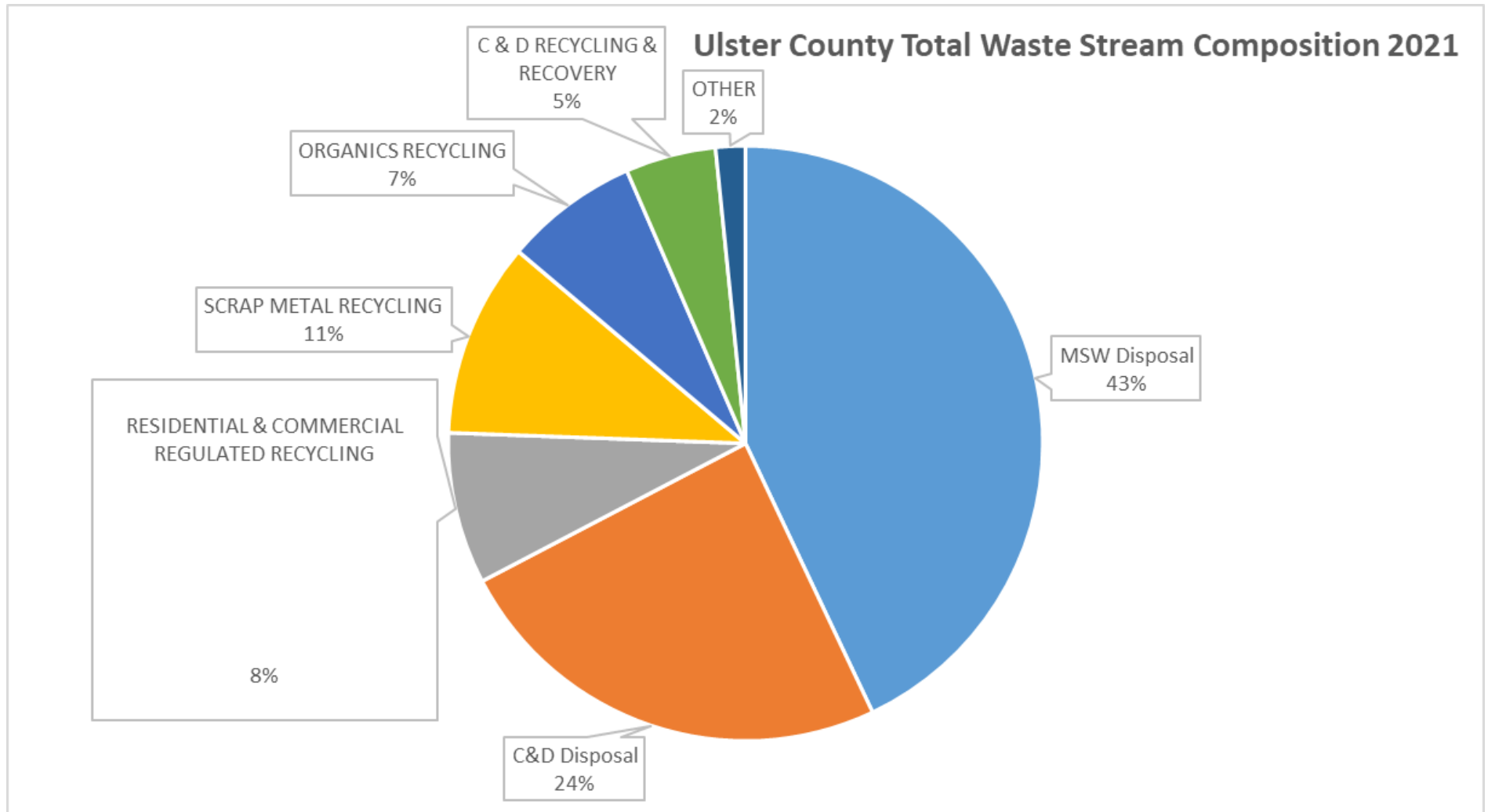


Ulster County Organics Reuse & Recycling (18,180 tons) 2021



2021 Ulster County Annual Recycling Report

Planning Unit Update



DATA SOURCES

In addition to UCRRA, the data from survey responses presented in this report was submitted by the following entities:

AG	Catskill Animal Sanctuary	316 Old Stage Road	Saugerties NY 12477
AUTO	Casings, Inc.	PO Box 731, 169 Maple Ave	Catskill, NY 12414
AUTO	Lakin Tire	220 Frontage Road	West Haven, CT 06516
AUTO	VanKleeck's Tire	1987 Route 9W, PO Box 617	Lake Katrine, NY 12449
AUTO	Woodys Auto Parts Inc. /Royal Use Parts	92 Woody Lane	Ellenville NY12428
BEV	209 Discount Beverages	12 Spruce St,	Kerhonkson, NY 12446
BEV	Beer World	1221 Ulster Ave,	Kingston, NY 12401
EDU	Cornell Cooperative Extension Ulster	232 Plaza Road	Kingston NY
EDU	Ellenville Central School District	28 Maple Avenue	Ellenville, NY 12428
EDU	Kingston City School District	918 Ulster Ave	Kingston, NY 12401
EDU	Marlboro Central School District	52 Cross Road	Marlboro, NY 12542
EDU	New Paltz Central School District	196 Main Street	New Paltz, NY 12561
EDU	Onteora Central School District	4166 State Route 28	Boiceville, NY 12412
EDU	Rondout Valley Central School District	122 Kyersike Road	Accord, NY 12404
EDU	Saugerties Central School District	Call Box A	Saugerties, NY 12477

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EDU	SUNY New Paltz & SODEXO Inc.	1 Hawk Drive, Service Bldg. #11	New Paltz, NY 12561
EDU	SUNY Ulster County Community College	491 Cottekill Road/Stone Ridge Campus	Stone Ridge, NY 12484
EDU	Ulster County BOCES	175 Route 32N	New Paltz, NY 12561
EDU	Wallkill Central School District	PO Box 310/19 Main Street	Wallkill, NY 12589
EDU	Woodstock Day School	1430 Glasco Turnpike	Saugerties, NY 12477
FOOD	Adams Fairacre Farms	1560 Ulster Ave.	Lake Katrine, NY 12449
FOOD	Applebees Neighborhood Bar & Grill (TLC Central, LLC)	1171 Ulster Ave (LOCAL), (COPR: 180 Lawrence Bell Drive, Suite 100 Williamsville, N.Y. 14221)	Kingston, NY 12401
FOOD	Boiceville Supermarket	4099 NY-28,	Boiceville, NY 12412
FOOD	Diesings Bakery	109 N Front St Ste 117	Kingston, NY 12401
FOOD	Emanuel's Supermarket	PO Box 376	Stone Ridge NY
FOOD	Family of Woodstock	39 John Street	Kingston, NY 12401
FOOD	Freskeeto Frozen Foods Inc	8019 United States Rte 209,	Ellenville, NY 12428
FOOD	Fruition Chocolate Works	3091 NY-28,	Shokan, NY 12481
FOOD	Gadaletto's Seafood Market & Eatery	246 Main St #1,	New Paltz, NY 12561
FOOD	Hannaford Stores	145 Pleasant Hill Road	Scarborough, ME 04074
FOOD	Hudson Valley Dessert Company	246 Main Street	Saugerties NY 12477
FOOD	JBS Solution dba MOPAC	PO Box 64395	Souderton, PA 18964
FOOD	Meredith's Bread	415 NY-28,	Kingston, NY 12401
FOOD	Mother Earth Store House	249 Main Street	Saugerties, NY 12477
FOOD	Peoples Place	17 St. James Street	Kingston, NY 12401
FOOD	Plaza Diner of New Paltz	271 Main Street Plaza Diner,	New Paltz, NY 12561

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Planning Unit Update

FOOD	Price Chopper	501 Duaneburg Road	Rotterdam, NY 12306
FOOD	Sea to Table LLC	45 Pine Grove Avenue Suite 302	Kingston NY 12401
FOOD	Sunflower Natural Foods Market	75 Mill Hill Rd	Woodstock NY 12498
FOOD	Tops Markets Store # 532	271 Main St, CORPORATE: Consumer Affairs PO Box 1027 Buffalo, NY 14240-1027	New Paltz, NY 12561
FUEL/ENERGY	AAA Fuel Service Inc.	1007 Rt 28	Kingston, NY 12401
FUEL/ENERGY	AFCO Fuel LLC	40 South Manor Ave,	Kingston
FUEL/ENERGY	Central Hudson	284 South Ave.	Poughkeepsie, NY 12602
FUEL/ENERGY	Lorco Petroleum Services	450 South Front Street	Elizabeth, NJ 07202
FUEL/ENERGY	Oil Burners & More	13 South Prospect Street Kingston, NY	
HAULER	AW Coon & Sons, Inc.	412 Route 199	Red Hook, NY 12571
HAULER	City of Kingston	25 East O'Reilly Street	Kingston, NY 12401
HAULER	Community Compost Company	PO Box 1254	New Paltz, NY 12561
HAULER	County Waste - Ulster, LLC (Waste Connections)	P.O. Box 431	Clifton Park, NY 12065
HAULER	CRP	2 Bayview Road	Cortlandt Manor, NY 10567
HAULER	Darling International	825 Willson Avenue	Newark, NJ 07105
HAULER	Green State Services Corp.	83 S. Putt Corners Road	New Paltz, NY 12561
HAULER	Hudson Valley Mobile Dumpsters LLC		
HAULER	Interstate Waste	300 Frank W Burr Blvd Ste 39	Teaneck NJ 07666
HAULER	Karrze Rolloff Rentals	655 Abeel Street	Kingston, NY 12401

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Planning Unit Update

HAULER	Kingston Roll-Offs	715 Abeel Street	Kingston, NY 12401
HAULER	Lamela Sanitation	PO Box 507	Marlboro, NY 12542
HAULER	Liberta Brothers, Inc.	PO Box 541	Pine Pains, NY 12567
HAULER	Mid-Hudson Structural dba Recycle Depot	230 Van Wagner Road	Poughkeepsie, NY 12603
HAULER	Nieco Container Corporation	PO Box 67	Milton, NY 12547
HAULER	On Time Disposal	PO Box 408	Monroe, NY 10950
HAULER	Organix Recycling	19065 Hickory Creek Dr., Ste. 240	Mokena, IL 60448
HAULER	Pine Plains Refuse	PO Box 703	Pine Pains, NY 12567
HAULER	Recycling Crushing Technology, Inc. (Blacktop Maintenance	27 Commerce Street	Poughkeepsie, NY 12603
HAULER	Royal Carting Service Co.	PO Box 1209	Hopewell Junction, NY 12533
HAULER	Solid Waste Disposal Service	PO Box 250	Bloomington, NY 12411
HAULER	Sweeney Carting	22 Mower Mill Road	Saugerties, NY 12477
HAULER	Taylor-Montgomery	350 Neelytown Road	Montgomery, NY 12549
HAULER	Top Quality Sealcoat	5188 Rte. 209	Accord, NY 12404
HAULER	Washington Estate Transport, Inc.	51 Josephine Avenue	Rosendale, NY 12472- 9729
HAULER	Waste Management	264 Old Flatbush Rd	Kingston, NY 12401
HAULER	Welsh Sanitation Service Co.	PO Box 1209	Hopewell Junction, NY 12533
HOSP	Ellenville Regional Hospital	10 Healthy Way	Ellenville, NY 12428
HOSP	Hudson Valley Rehab	260 Vineyard Ave	Highland, NY 12528
HOSP	Northeast Center for Special Care	300 Grant Avenue	Lake Katrine, NY 12449
HOSP	Ten Broeck Commons	1 Commons Drive	Lake Katrine, NY 12449

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HOTEL	Americas Best Value Inn	7 Terwilliger Lane	New Paltz, NY 12561
HOTEL	Belleayre Mountain Ski Center	PO Box 313	Highmount, NY 12441
HOTEL	Comfort Inn	2790 Route 32	Saugerties, NY 12477
HOTEL	Emerson Resort & Spa	5340 Route 28	Mt. Tremper, NY 12457
HOTEL	Holiday Inn Express	1835 Ulster Avenue	Lake Katrine, NY 12449
HOTEL	Rocking Horse Ranch Tee Bar Corp. dba Rocking Horse Ranch	600 Rte. 44/55	Highland, NY 12528
HOTEL	Smiley Bros., Inc - Mohonk Mountain House	1000 Mountain Rest Road	New Paltz, NY 12561
INDUST	Fehr Bros Industries, Inc.	895 KINGS HWY	SAUGERTIES, NY 12477
INDUST	LHV Precast	540 Ulster Landing Road	Kingston, NY 12401
INDUST	N.E. Solite	962 Kings Hwy OR PO Box 437 Mt. Marion, NY 12456	Saugerties, NY 12477
INDUST	Optimum Window Manufacturing Corp.	28 Canal Street	Ellenville, NY 12428
INDUST	Stericycle	Rotterdam Industrial Park, Bldg 1	Rotterdam NY
INDUST	Viking Industries Inc.	89 S Ohioville Rd,	New Paltz, NY 12561
REC	A Messina and Sons	19 Orchard Drive	Gardiner, NY 12525
REC	American Lamp Recycling	55 Riverview Drive	Marlboro, NY 12542
REC	Argenio Brothers, Inc.	2 Argenio Drive	New Windsor, NY 12553
REC	Arold Construction Co., Inc.	51 Powder Mill Bridge Rd	Kingston, NY 12401
REC	Brainstorm Computers and Technology	194 West Kerleys Road	Tivoli, NY 12583
REC	CANOS Scrap Metal	1083 Kings Hwy.	Saugerties, NY 12477
REC	Church Communities NY Inc. dba Maple Ridge Bruderhoff	10 Hellbrook Lane	Ulster Park, NY 12487

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REC	E-Waste +	7318 Victor-Mendon Road	Victor, NY 14564
REC	East Penn Manufacturing	102 Deka Road	Lyon Station, PA 19536
REC	Greenway Environmental Services	PO Box 322	Clintondale, NY 12515
REC	Habitat for Humanity	406 NY-28,	Kingston, NY 12401
REC	Interstate Battery/AVS Distribution Inc.	192 Greenkill Ave	Kingston, NY 12401
REC	Interstate Refrigerant	PO Box 517	Foxboro, MA 02035
REC	Iron Mountain Secure Destruction	13700 N.W. 2nd Street,	Sunrise, FL 33325
REC	Iron Mountain Secure Destruction	One Federal Street	Boston, MA 02210
REC	Legal Shred	1014 Grand Blvd., Ste. 6	Deer Park, NY 11729
REC	Luzon Environmental Services	PO Box 1070	Woodridge, NY 12789
REC	National Lamp Recycling Inc.	NLR Inc. 256 East Main St	East Windsor CT 06088
REC	Planet Aid	3 Lincoln Drive	Fairfield, NJ 07004
REC	Recoverers of Manufactured Products	313B North Street	Middletown, NY 10940
REC	Republic Services - ReCommunity (formerly Hudson Baylor)	508 Fishkill Ave.	Beacon, NY 12508
REC	Rock Solid Provisions	P.O. Box 731	Catskill, NY 12414
REC	Safety-Kleen Systems, Inc.	1502 E. Villa St. 2nd Floor	Elgin, IL 60120
REC	Sims Metal Management	820 Route 211 E	Middletown, NY 10940
REC	USagain	18 Sargent Place	Mt. Vernon, NY 10550
REC	Vaz-Co Reclaiming	PO Box 1518	Highland, NY 12528
REC	West Kingston Recycling	642 Abeel Street	Kingston, NY 12401
REC	Zumtobel Staff Lighting	3300 Route 9w	Highland, NY 12528

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RETAIL	Boost Mobile (Broadway Link)	610 Broadway	Kingston, NY 12401
		Hull Property Group	
RETAIL	Hudson Valley Mall	1190 Interstate Parkway	Augusta, GA 30909
RETAIL	Kohls	800 Miron Ln	Kingston NY
RETAIL	Petsmart	501 Frank Sottile Blvd	Kingston, NY 12401
RETAIL	Raymour & Flanigan	401 Frant Sottile Blvd	Kingston NY 12401
RETAIL	Staples #0242	1399 Ulster Avenue	Kingston NY
RETAIL	Stewart's Shops	PO Box 435	Saratoga Springs, NY 12866
RETAIL	Target	33 south 6th Street	Minneapolis, MN 55403
RETAIL	The Salvation Army	HQ - 570 Main Street, 1399 Ulster Ave Kingston	Poughkeepsie, NY
RETAIL	The Salvation Army - New Paltz	61 N Chestnut St	New Paltz, NY 12561
RETAIL	The Salvation Army - Social Services OFFICE	35 Cedar Street (Social Services location)	Kingston NY
RETAIL	Walmart	SEND BY EMAIL	
SPORT	Cantine Veterans Sports Complex & Kiwanis Ice Arena	Cantine Veterans Memorial Complex Washington Ave Ext.	Saugerties NY
SPORT	Headless Horseman Hayrides and Haunted Houses	778 Broadway (Route 9W)	Ulster Park NY 12487
SPORT	Hudson Valley Sportsdome	240 Milton Turnpike	Milton NY
COUNTY	Attn: Ulster County Department of Public Works	317 Shamrock Ln	Kingston, NY 12401

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LAW	Shawangunk Correctional Facility	PO Box 750, 200 Quick Road	Wallkill NY 12589
LAW	Eastern Correctional Facility	30 Institution Road. 750 Berme Road, Napanoch NY 12458	Napanoch NY 12458
LAW	Wallkill Correctional Facility	50 Mckendrick Road	Wallkill NY 12589
LAW	Wallkill Correctional Facility	50 Mckendrick Road	Wallkill NY 12589
MRDC	Town of Denning Transfer Station,	Town Barn, 1567 Denning Road,	Claryville, NY 12725
MRDC	Town of Esopus Transfer Station,	70 West Shore Drive,	West Park NY
MRDC	Town of Gardiner Transfer Station,	PO Box 1	Gardiner, NY 12525
MRDC	Town of Hardenburgh Transfer Station	55 Rider Hollow Road	Arkville NY 12406
MRDC	Town of Hurley Transfer Station	PO Box 569	Hurley, NY 12443
MRDC	Town of Lloyd Transfer Station	12 Church Street	Highland, NY 12528
MRDC	Town of Marbletown Transfer Station	PO Box 217	Stone Ridge, NY 12484
MRDC	Town of Marlborough Transfer Station	21 Milton Turnpike, Ste. 200	Milton, NY 12547
MRDC	Town of New Paltz Transfer Station,	PO Box 550, 3 Clearwater Rd	New Paltz, NY 12561
MRDC	Town of Olive Transfer Station	PO Box 180	West Shokan, NY 12494
MRDC	Town of Plattekill Transfer Station	PO Box 45	Modena, NY 12548
MRDC	Town of Rochester Transfer Station,	PO Box 65	Accord, NY 12404

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MRDC	Town of Rosendale Transfer Station,	1915 Lucas Avenue	Cottekill, NY 12419
MRDC	Town of Saugerties Transfer Station	4 High Street	Saugerties, NY 12477
MRDC	Town of Shandaken Transfer Station,	PO Box 134	Shandaken, NY 12480
MRDC	Town of Shawangunk Transfer Station	PO BOX 247	Wallkill, NY 12589
MRDC	Town of Ulster Transfer Station,	900 Miron Lane, Kingston NY 12449	
MRDC	Town of Wawarsing Transfer Station	PO Box 671	Wawarsing, NY 12428