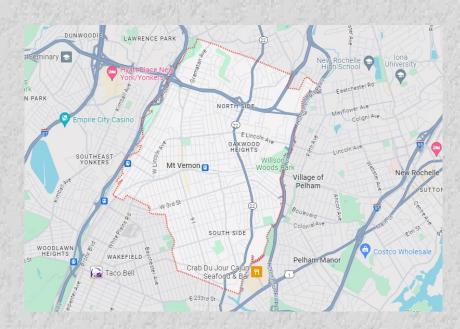


# City of Mount Vernon Department of Public Works Refuse Sustainability Fee Study









June 2024







# DEPARTMENT OF PUBLIC WORKS REFUSE SUSTAINABILITY FEE STUDY

Prepared For

# CITY OF MOUNT VERNON DEPARTMENT OF PUBLIC WORKS MOUNT VERNON, NEW YORK

Prepared By

D&B ENGINEERS AND ARCHITECTS
WHITE PLAINS, NEW YORK

**DRAFT** 

**JUNE 2024** 





# CITY OF MOUNT VERNON DEPARTMENT OF PUBLIC WORKS REFUSE SUSTAINABILITY FEE STUDY

# TABLE OF CONTENTS

Section		<u>Title</u>	<u>Page</u>
1.0	BAC	CKGROUND	1-1
	1.1	City of Mount Vernon Municipal Solid Waste and Recyclables	
	1.2	Collection System	
2.0	_	UNT VERNON'S MSW AND RECYCLEABLE COLLECTION OGRAM	2-1
	2.1 2.2	Present MSW and Recyclables Collection Practices and Statical Data  MSW Collection Vehicles	
	2.3	Storage/Maintenance of MSW Collection Vehicles – Mount Vernon DPW Yard	2.4
3.0		LUATION OF IMPACE OF REFUSE SUSTAINABILITY (RSF)	3-1
	3.1 3.2	Background  Comparison of the RSF System Approach to a Tax System Approach For Typical Property Owners for Funding Mount Vernon's Sanitation	
	3.3	Services	
4.0	CON	NCLUSIONS AND RECOMMENDATIONS	4-1
List of A	ppend	ices	
	Unite	ed States Census Mount Vernon Population July 1, 2022	A
	Mou	nt Vernon Sanitation Pick Up Schedule	В
		nt Vernon Average Stops Per Route and Pounds of Garbage Per Stop Comparison of Mount Vernon to New Rochelle	C
		schester County 2022 Annual Repot Division of Solid Waste Management reling Office	
	Mou	nt Vernon – Comparison of MSW Disposal Rates and Recycling Rates	E





# **List of Appendices (continued)**

Additional Information on Refuse Sustainability Fee	.F
Mount Vernon Effuse Sustainability Fee Impact Analysis	.G
Summary of Garbage and Recyclables Collection Costs Rockland County	.Н
Sources of Refuse Sustainability Fee (RSF)	.I
Benchmarking References	nt





# 1.0 BACKGROUND

# 1.1 City of Mount Vernon Municipal Solid Waste and Recyclables Collection System

The City of Mount Vernon Department of Public Works collects, transports and disposes of municipal solid waste(MSW) and recyclables from all real properties located in the City, including residential and commercial properties. The MSW and recyclables are brought to Westchester County's solid waste and recycling facilities for processing/disposal.

Mount Vernon had an estimated population of 71,714 people on July 1, 2022 and an estimated 28,778 households based on U.S. Census data and a total area of approximately 4.39 square miles. See **Appendix A**.

MSW is collected twice per week, generally on a Monday/Thursday or Tuesday/Friday schedule.

Recyclables are collected weekly on an alternating basis with commingled containers picked up one week and mixed paper picked up the following week. See **Appendix B** for pick-up schedules, rules and regulations, and sanitation routes.

Historically, there was no dedicated fund for providing these essential services and they were paid for out of the general annual budget from taxes based on a property's assessed value. This resulted in significant shortfalls of funds to pay for maintenance and replacement of sanitation vehicles, tools, equipment and sanitation related initiatives needed to make the City cleaner and safer for all residents, business owners and visitors.

To fund the cost of providing these services a Refuse Sustainability Fee(RSF) was established in 2022 based on a flat fee per single family dwelling unit and the funds raised from the RSF are dedicated to supporting the Refuse and Recyclables Collection Program.





# 1.2 City's Objective for this Study

D&B Engineers and Architects, P.C.(D&B) was hired by the City of Mount Vernon to conduct a study of the Refuse Sustainability Fee (RSF) and compare its costs to similar programs and private collection programs and prepare a comparison of the costs to typical residential properties under the old system versus the RSF.

In addition D&B was requested to review the current MSW collection program, compare it to similar programs and identify potential modifications and improvements.





# 2.0 MOUNT VERNON'S MSW AND RECYCLABLES COLLECTION PROGRAM

# 2.1 Present MSW and Recyclables Collection Practices and Statistical Data

MSW, including bulk items, is collected twice per week, generally on a Monday/Thursday or Tuesday/Friday schedule, utilizing eight sanitation routes with three person crews per route utilizing eight 2022 rear load packer trucks. The number of stops per route range from a low of 364 stops to a high of 969 stops per day. The total number of stops per week is 22,326 for an average of 698 stops per day per crew. See **Appendix C**. This average is consistent with industry standards.

Appended to this report are copies of several references utilized for comparing Mount Vernon's statistical data to state and national data. See Benchmarking References document appended to this report.

Recyclables are collected weekly on an alternating basis with commingled containers picked up one week and mixed paper picked up the following week.

In addition, yard waste is picked up weekly, from April 1 through December, and appliances and electronics are picked up by appointment.

In 2022 a total of 30,472 tons of MSW was collected and transported to the Mount Vernon Transfer Station by the Mount Vernon DPW via a total of 4243 loads at an average of 7.2 tons per load. Based on 22,326 stops per week the average pounds per stop was 52.5 pounds of garbage per stop in 2022. For comparison purposes, in a prior study for the City of New Rochelle performed by D&B, the average pounds per stop was 59.0 pounds in 2013.

In 2022 a total of 3407 tons of commingled containers and mixed paper were collected by the Mount Vernon DPW from its residents. As per the US Census the estimated population of Mount Vernon in July 2022 was 71,714. Utilizing that population and the 3407 tons of recyclables equates to 95 pounds of recyclables per person per year or 0.26 lbs. per person per day. For





comparison purposes, Rockland County's pounds of recyclables per person per year was approximately 119 lbs. per person per year in 2023 or 0.33 lbs. per person per day.

Dividing the total tons of garbage in 2022 by the estimated population results in 850 pounds of garbage per person per year or 2.33 lbs. per person per day. According to the New York State Solid Waste Management Plan, dated December 2023, the MSW Disposal Rate for Region 3, which includes Mount Vernon, was 4.06 lbs./person/day based on 2018 data. In comparison, New Rochelle's pounds of garbage per person per day was 1.91 in 2022.

Dividing the total tons of curbside commingled containers and mixed paper of 3407 tons by the total tons of solid waste generated of 45,380 tons, as per the Westchester County Municipal Report Card - 2022, equates to a recycling rate of 7.5% for curbside commingled containers and mixed paper. This is less than the 10% rate indicated for the Municipally Collected Waste and Recycling Attachment 1 of the Report Card – 2022. A copy of the Westchester County Municipal Report Card - 2022 is included in **Appendix D**.

In addition, Mount Vernon's overall percentage of municipally collected waste and recyclables recycled of 33% is less than the County wide municipal recycling rate of 51%.

See **Appendix E** for reference MSW Disposal Rates and Recycling Rates.

It is recommended that the City work with the County on developing a program to increase the recycling rate and reduce the amount of waste going to disposal. Increasing the recycling rate and reducing the amount of waste going to disposal will reduce Mount Vernon's cost for disposal fees at the transfer station and the amount of waste that has to be disposed of, reduce the average pounds per stop of waste that the sanitation crews have to collect and increase the amount of MSW being recycled.





# 2.2 MSW Collection Vehicles

Currently MSW is collected in eight 2022 rear load packer trucks. These trucks were purchased with grants replacing an aging and worn-out fleet of collection vehicles. It is critical to the efficient and effective operation of the MSW collection program that these vehicles are maintained in accordance with the manufacturer's recommendations throughout their design useful life and replaced when they reach their design useful life.



2022 MSW Collection Vehicle

Since the cost to replace the MSW collection vehicles is significant, it is recommended that a multiyear capital replacement plan be developed and implemented to ensure that this fleet of vehicles is maintained in the state of readiness necessary to ensure the efficient and effective collection of the MSW for the City in a safe manner.

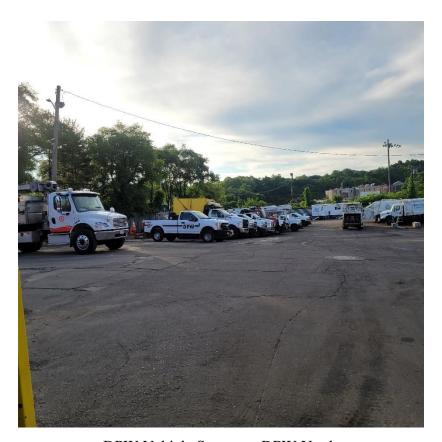




In addition, the availability of MSW collection vehicles is critical for the sanitation crews to be able to collect and transport the MSW and recyclables. It takes eight crews five days per week to collect and transport the MSW and recyclables. If one or more of the MSW collection vehicles is out of service for maintenance or repair it negatively impacts the ability of the sanitation crews to collect and transport the MSW and recyclables. It is recommended that two additional MSW collection vehicles be added to the fleet to provide spare MSW collection vehicles for use when one or more of the MSW collection vehicles are out of service.

# 2.3 Storage/Maintenance of MSW Collection Vehicles - Mount Vernon DPW Yard

The MSW collection vehicles are stored and maintained at the Mount Vernon DPW Yard.



DPW Vehicle Storage - DPW Yard

D&B toured the DPW Yard on Tuesday, June 11, 2024, and have the following observations and recommendations:





Numerous DPW functions are being performed at the DPW Yard including the following:

- 1. Storing, maintaining and repairing the various fleets of DPW vehicles and equipment;
- 2. Road salt storage;
- 3. Yardwaste, street sweepings and commingled container storage;



Yardwaste Storage







Street Sweepings/Commingled Container Storage

- 4. Fuel storage and dispensing;
- 5. DPW employee locker, shower and bathroom facilities;
- 6. Employee parking.

The following are some initial recommendations based on the observations:

- 1. The main building is quite old and in need of major renovations and improvements including adding separate locker, shower and bathroom facilities for women now that they are part of the DPW workforce;
- 2. Enlarge the building so that more equipment can be stored indoors to protect it from the elements and extend its useful life;
- 3. Upgrade electrical and ventilation systems in the building;
- 4. Construct a permanent salt shed storage facility;
- 5. Add additional employee parking;





6. Review the various functions being performed at the DPW Yard and develop a master plan to improve the overall efficiency and effectiveness of the use of the site.





# 3.0 Evaluation of Impact of Refuse Sustainability Fee (RSF)

# 3.1 Background

The Refuse Sustainability Fee (RSF) was established in 2022 pursuant to Local Law No. 3 of 2022 by the Mount Vernon City Council to create a dedicated revenue stream to defray the cost of collection, transportation and disposal of solid waste and recyclables from all real properties. The Mount Vernon Department of Public Works (DPW) collects, transports, and disposes of garbage, bulk items, appliances, electronic waste, recyclables and yard waste.

To adequately fund the cost of providing these services in a fair and equitable manner a flat fee per unit was established based on a Refuse Residential Fee of \$200.00 per unit for most households. A unit is defined as a single family residence or equivalent.

See **Appendix F** for additional information about the Refuse Sustainability Fee.

The DPW intends to accomplish several new initiatives and goals by implementing the Refuse Sustainability Fee including the following:

- Improve the Quality of Life conditions, which have been neglected for many years
- Replace all City-owned Garbage Receptacles to address litter problems
- Establish City-wide Rat/Rodent Prevention Initiative
- Establish Street Cleaning crews to cleanup blighted areas and assist with Zombie Property Removals
- Implement innovative technology to enhance our waste removal operations and provide efficiency
- Build capacity for compliance with the Department of Justice ("USDOJ"), Environmental Protection Agency ("EPA") and Department of Environmental Conservation ("DEC")
- Purchase Sanitation and Recycling equipment annually to ensure all safe and efficient operations for staff and residents.





# 3.2 Comparison of the RSF System Approach to a Tax System Approach for Typical Property Owners for Funding Mount Vernon's Sanitation Services

A comparison of the RSF methodology versus use of property taxes to fund these necessary services was performed to assess the financial impact on typical properties.

The median assessed values of one, two and three family homes were utilized to calculate what the amount of additional property taxes that would need to be paid that would be equivalent to the amount raised by the RSF. The median assessed values utilized for this comparison were provided by the City.

This comparison shows that the RSF methodology resulted in a lower cost for the median one and two family homes versus the use of property taxes to raise an equivalent amount of money. See **Appendix G** detailing the comparison.

# 3.3 Comparison of Mount Vernon's RSF to Other Municipal RSFs and Costs for Similar Services in Other Municipalities

A comparison of Mount Vernon's RSF to other municipal RSFs and to the costs of providing these services in other municipalities by both municipal and private collection programs was prepared.

This comparison showed that the current RSF of \$200.00 per unit per year is lower than the costs for these services in other municipalities such as New Rochelle where they have a similar program and their RSF is \$276.00 per unit per year and several municipalities in Rockland County where the cost of these services with either municipal service or private service or a combination of the two range from a low of \$295 per year with a lower level of service to over \$630 per year for the same level of service as provided in Mount Vernon for a single family home. See **Appendix H** with the summary of these costs.





# 4.0 CONCLUSIONS AND RECOMMENDATIONS

Having a dedicated fund to defray the costs for providing the essential service of collecting, transporting and disposal of solid waste and recyclables from all real properties within the City benefits its residents, businesses, and visitors as well as the environment fairly and equitably. The RSF costs the typical property owner less per year than it would cost if an equivalent amount of money had to be raised through property taxes based on property assessments.

Mount Vernon's RSF is less than a neighboring similar city's and is very competitive with the typical cost of providing these services through other public and private fee structures.

It is noted that Account A8160 – D.P.W. – Sanitation does not include all of the costs for the collection, transportation and disposal of solid waste and recyclables from within the City. Costs for employee fringe benefits such as health, dental and vision insurances, pension costs, social security, administrative costs, fuel costs, vehicle maintenance and repair costs and vehicle replacement costs are all included in other areas of the budget or in the case of vehicle replacements paid for with grants and/or bonds.

Consideration should be given to including within the D.P.W. – Sanitation A 8160 Budget Account some of these other costs that are currently included in other accounts of the DPW budget or elsewhere in the City's budget such as gas, diesel and oil, and repairs to vehicles and equipment so that the total budget of the A 8160 account more closely reflects the amount being raised by the RSF annually.

It is also recommended that a spreadsheet or report be prepared annually, as part of the annual budget process, on the sources of the Refuse Sustainability Fee (RSF) detailing by property classification the number of properties and amounts of the RSF being assessed and estimated for the budget year. This will provide a better understanding of the sources of the RSF and the impact of potential future increases to the RSF. See Appendix I for D&B's initial analysis of the sources of the RSF.





A capital replacement plan should be developed for the sanitation collection vehicles to provide for the timely replacement of these vehicles when they reach their design useful life in order to ensure that a safe, effective and efficient fleet is available for providing these essential services.

A concerted effort should be made to increase the curbside recycling rate, which is below the County average. Increasing the recycling rate will reduce the tipping fees the City has to pay for disposal of MSW at the Transfer Station and the amount of waste that has to be transported to disposal, reduce the average pounds per stop the sanitation crews have to load into the sanitation collection vehicles and increase the beneficial reuse of these resources.





# APPENDIX A

UNITED STATES CENSUS MOUNT VERNON POPULATION JULY 1, 2022

Δ

Population estimates, July 1, 2023, (V2023)

# QuickFacts

# Mount Vernon city, New York

QuickFacts provides statistics for all states and counties. Also for cities and towns with a population of 5,000 or more.

2 PEOPLE	
Population	
Population estimates, July 1, 2023, (V2023)	△ NA
Population Estimates, July 1, 2022, (V2022)	<b>⚠</b> 71,714
Population estimates base, April 1, 2020, (V2023)	⚠ NA
Population estimates base, April 1, 2020, (V2022)	<b>⚠</b> 73,905
Population, percent change - April 1, 2020 (estimates base) to July 1, 2023, (V2023)	<b>△</b> NA
Population, percent change - April 1, 2020 (estimates base) to July 1, 2022, (V2022)	₫ -3.0%
Population, Census, April 1, 2020	73,893
Population, Census, April 1, 2010	67,292
Age and Sex	
Persons under 5 years, percent	<b>▲</b> 4.9%
Persons under 18 years, percent	<b>⚠</b> 19.3%
Persons 65 years and over, percent	<b>⚠</b> 17.0%
Female persons, percent	₾ 55.4%
Race and Hispanic Origin	
White alone, percent	<b>17.5%</b>
Black or African American alone, percent (a)	₫ 62.4%
American Indian and Alaska Native alone, percent (a)	⚠ 0.6%
Asian alone, percent (a)	<b>⚠</b> 1.9%
Native Hawaiian and Other Pacific Islander alone, percent (a)	⚠ 0.0%
Two or More Races, percent	<b>⚠</b> 7.3%
Hispanic or Latino, percent (b)	<b>⚠</b> 17.2%
White alone, not Hispanic or Latino, percent	<b>⚠</b> 15.6%
Population Characteristics	
Veterans, 2018-2022	1,596
Foreign born persons, percent, 2018-2022	32.5%
Housing	
Housing units, July 1, 2022, (V2022)	x
Owner-occupied housing unit rate, 2018-2022	39.8%
Median value of owner-occupied housing units, 2018-2022	\$446,400
Median selected monthly owner costs -with a mortgage, 2018-2022	\$3,324
Median selected monthly owner costs -without a mortgage, 2018-2022	\$1,388
Median gross rent, 2018-2022	\$1,461
Building permits, 2022	x
Families & Living Arrangements	
Households, 2018-2022	28,778
Persons per household, 2018-2022	2.50
Living in same house 1 year ago, percent of persons age 1 year+, 2018-2022	91.9%
Language other than Euglish spoken at home, percent of persons age 5 years+, 2018-2022	25.2%
Computer and Internet Use	
Households with a computer, percent, 2018-2022	91.6%
Households with a broadband Internet subscription, percent, 2018-2022	77.9%
Education	
High school graduate or higher, percent of persons age 25 years+, 2018-2022	84.4%
Bachelor's degree or higher, percent of persons age 25 years+, 2018-2022	34.1%
Health	
With a disability, under age 65 years, percent, 2018-2022	9.3%
Persons without health insurance, under age 65 years, percent	₫ 7.7%

Economy	Mount Vernon city, New York	
In civilian labor force, to	New York	
In civilian labor force, fe Population estimates, July 1, 2023, (V2023)		
Total accommodation and food services sales, 2017 (\$1,000) (c)	66,683	
Total health care and social assistance receipts/revenue, 2017 (\$1,000) (c)	279,697	
Total transportation and warehousing receipts/revenue, 2017 (\$1,000) (c)	110,341	
Total retail sales, 2017 (\$1,000) (c)	559,259	
Total retail sales per capita, 2017 (c)	\$8,225	
Transportation		
Mean travel time to work (minutes), workers age 16 years+, 2018-2022	36.9	
Income & Poverty		
Median household income (in 2022 dollars), 2018-2022	\$75,511	
Per capita income in past 12 months (in 2022 dollars), 2018-2022	\$40,288	
Persons in poverty, percent	⚠ 13.9%	
BUSINESSES		
Businesses	•	
Total employer establishments, 2021	X	
Total employment, 2021	X	
Total annual payroll, 2021 (\$1,000)	X	
Total employment, percent change, 2020-2021	X	
Total nonemployer establishments, 2021	X	
All employer firms, Reference year 2017	1,502	
Men-owned employer firms, Reference year 2017	923	
Women-owned employer firms, Reference year 2017	312	
Minority-owned employer firms, Reference year 2017	410	
Nonminority-owned employer firms, Reference year 2017	931	
Veteran-owned employer firms, Reference year 2017	S	
Nonveteran-owned employer firms, Reference year 2017	1,281	
⊕ GEOGRAPHY		
Geography	17,0007	
Population per square mile, 2020	16,820.6	
Population per square mile, 2010	15,343.6	
Land area in square miles, 2020	4.39	
Land area in square miles, 2010	4.39	
FIPS Code	3649121	

About datasets used in this table

Value Notes Population estimates, July 1, 2023, (V2023)

⚠ Methodology differences may exist between data sources, and so estimates from different sources are not comparable.

Some estimates presented here come from sample data, and thus have sampling errors that may render some apparent differences between geographies statistically indistinguishable. Click the Quick Info 💿 icon to the left of each row in TAl learn about sampling error.

Mount Vernon city,

△ 1

The vintage year (e.g., V2023) refers to the final year of the series (2020 thru 2023). Different vintage years of estimates are not comparable.

Users should exercise caution when comparing 2018-2022 ACS 5-year estimates to other ACS estimates. For more information, please visit the 2022 5-year ACS Comparison Guidance page.

## Fact Notes

- (a) Includes persons reporting only one race
- (c) Economic Census Puerto Rico data are not comparable to U.S. Economic Census data
- (b) Hispanics may be of any race, so also are included in applicable race categories

## Value Flags

- Either no or too few sample observations were available to compute an estimate, or a ratio of medians cannot be calculated because one or both of the median estimates falls in the lowest or upper interval of an open ende
- F Fewer than 25 firms
- D Suppressed to avoid disclosure of confidential information
- N Data for this geographic area cannot be displayed because the number of sample cases is too small.
- FN Footnote on this item in place of data
- X Not applicable
- S Suppressed; does not meet publication standards
- NA Not available
- Z Value greater than zero but less than half unit of measure shown

QuickFacts data are derived from: Population Estimates, American Community Survey, Census of Population and Housing, Current Population Survey, Small Area Health Insurance Estimates, Small Area Income and Poverty Estimates, Stat Housing Unit Estimates, County Business Patterns, Nonemployer Statistics, Economic Census, Survey of Business Owners, Building Permits.

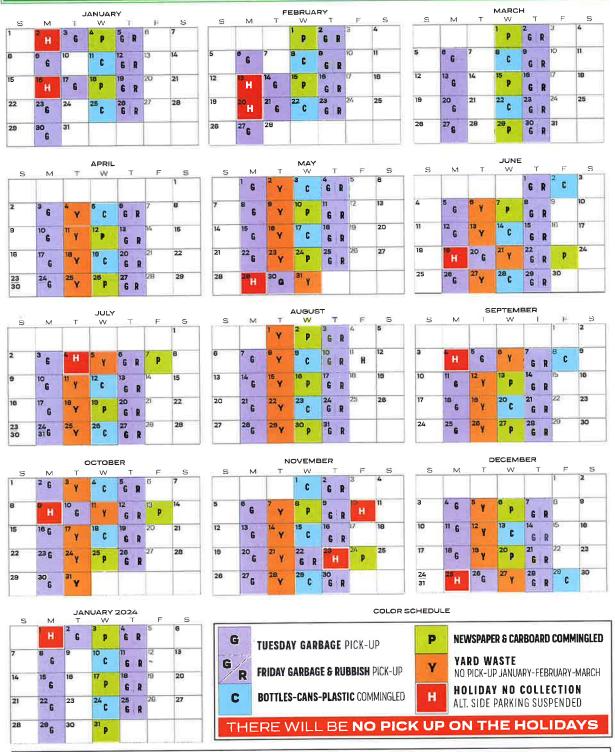




# **APPENDIX B**

# MOUNT VERNON SANITATION PICK UP SCHEDULE

# 2023 SOUTH SIDE MOUNT VERNON SANITATION PICK-UP SCHEDULE 2023 SOUTH SIDE MONDAY & THURSDAY



**CURBSIDE RECYCLING PICK-UP** 

BUSINESS HOURS 7:30 AM TO 3:30 PM

DO NOT PUT ANY RECYCLABLES IN PLASTIC BAGS.
PLACE ALL RECYCLABLES IN A RECYCLING BIN.

NEWSPAPERS CAN BE PLACED IN **BROWN PAPER BAGS** OR CORRUGATED **CARDBOARD BOXES.** 

RECYCLABLE CARDBOARD MUST BE
BROKEN DOWN, BUNDLED AND TIED UP.



NOTE: MATTRESSES AND BOX SPRINGS MUST BE WRAPPED IN PLASTIC FOR CURBSIDE PICK UP.

PLACE AT CURBSIDE BEFORE 7:30 AM ON SCHEDULED DAY OF PICKUP.





Newspaper, cardboard and paper cartons must be cut up and tied in bundles not larger than forty-eight (48) inches long, eighteen (18) inches wide and (18) inches high and not exceed 50 pounds, to be placed at curbside for collection BEFORE 7:30 AM ON THE DAY SCHEDULED FOR RECYCLING

Commingled recyclables (bottles, cans, glass, milk cartons, metal, recyclable plastics) should be placed for collection in open recycle containers.



# RUBBISH (BULK WASTE) - LIMIT 4 NON-METAL ITEMS PER HOUSEHOLD

Acceptable non-bulky furniture, chairs, tables, mattresses and box springs (must be in bedding bags), wood and other large non-metal items

PROHIBITED ITEMS - Tires, Batteries, Car Parts, Tubs, Sinks, Toilets, and Construction Debris.



# APPLIANCES & METAL ITEMS - PICKED UP APRIL 1st THRU SEPTEMBER 30th BY APPOINTMENT ONLY

Curbside pickup of the following items will be BY APPOINTMENT ONLY - CALL 914-665-2719

Major appliances, refrigerators, stoves, air conditioners, bulky furniture, sofa beds, metal desks, bed frames and metal cabinets will be picked up April 1st through September 30th by appointment only. Refrigerators, freezers and air conditioners MUST bear a sticker from a licensed refrigerant extractor indicating freon has been properly removed or else they will not be picked up.

# **WE DO NOT PICK UP PROPANE TANKS**



# **ELECTRONIC WASTE (BY APPOINTMENT ONLY)**

TVs. Computers, Electronic Devices and other electric or electronic items will be picked up. BY APPOINTMENT ONLY - CALL 914-665-2719



# YARD WASTE - MUST BE IN OPEN CONTAINER OR BROWN PAPER REFUSE BAGS

Yard waste, including garden debris, leaves, and flowers, cut grass, sweepings, rakings, clippings, small branches, bushes and shrubbery, shall be placed in open garbage containers or brown paper refuse bags. Clippings and small branches must be bundled, securely tied, and not longer than four (4) feet, weighing no more than 50 lbs. No dirt, concrete or stone will be picked up.

Note: Plastic bags are NOT acceptable containers for yard waste and will NOT be picked up. Leaves piled on the streets are both dangerous and illegal. Fines will be strictly enforced.



# **COMMERCIAL ESTABLISHMENTS**

No more than two (2) small bags or watertight receptacles of garbage not to exceed a weight of 20 pounds OR (2) small bundles of rubbish will be collected by the Department of Public Works on any regular collection day. Receptacles must be watertight, and equipped with a lid or cover, and shall have a capacity not in excess of 35 gallions or 2-Yards. Refer to Article 1: Garbage and Rubbish Collection - § 140-2 Receptacles



The following materials will NOT be picked up and their removal MUST be made by a private carter, contractor, or gardener. Placement of these items for collection may be subject to a summons:

Trade wastes, commercial meat waste, bundles in excess of four (4) feet in length, eighteen (18) inches in width, (18) inches in height or 50 pounds in weight, construction demolition and house renovation debris, soot, sawdust, wood shavings, cleaning or dyeing establishment waste, car parts, batteries, waste oil, combustible materials and toxic materials. It is important that the residents understand that the following items will NOT be collected: Debris from demolition, construction, alterations and house renovations such as lumber, stones, rock, masonry, plaster, sheet rock, roofing materials, kitchen cabinets, counters, etc. These items must be legally disposed of by the homeowner or contractor performing such work.



# SIDEWALK MAINTENANCE / SNOW REMOVAL

Every owner or lessee of any premises abutting on any street shall keep the contiguous sidewalks free from dirt, filth, weeds or other obstructions including snow and ice. Snow and ice must be cleared within 12 hours after such snowfall has ceased or ice has formed. It is dangerous and illegal to throw or place snow onto a city street, fines are strictly enforced. Chapter 227: Streets and Sidewalks - § 227-56: Sidewalk maintenance; removal of snow and ice. https://ecode360.com/6604161



# **SNOW EMERGENCY ROUTES**

Notification of snow emergencies declared by the City of Mount Vernon will be broadcast on local news outlets and posted on the City's website at www.cmvny.com. During such emergencies, any vehicle parked or unattended on any snow emergency route, causing obstruction to traffic, or hindering snow removal operations may be towed away at the vehicle owner's risk under the direction of the Department of Public Works.

Towing enforcements are in effect immediately upon the declaration of a snow emergency.

The following conditions automatically constitute a Snow Emergency:

Whenever snow falls in the City to a depth of three (3) inches or more during any 24 hr period, impairing the transportation of people, food, medical care, fire, health and police protection or other vital services or facilities.



# THESE RULES AND REGULATIONS **ARE IN ACCORDANCE WITH** THE MOUNT VERNON CITY CODE PART II General Legislation Chapter 140 – Article 1:

Garbage and Rubbish Collection.

Fallure to comply may result in fines of up to \$1,000.



# ALTERNATE SIDE PARKING SUSPENDED

JANUARY- 2, 16. FEBRUARY-13, 20, SEPTEMBER- 4

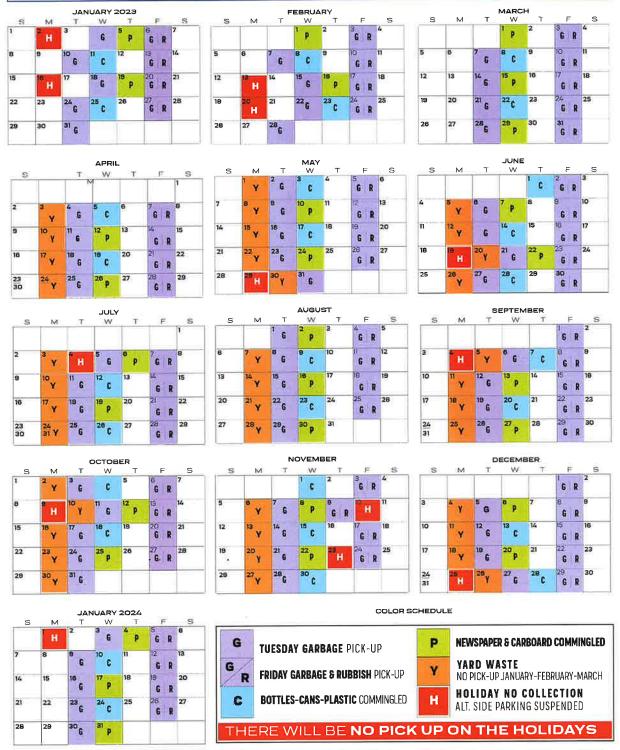
MAY- 28 JUNE-19

OCTOBER- 9 NOVEMBER-10, 23,

JULY- 4

DECEMBER-25.

# 2023 NORTH SIDE TUESDAY & FRIDAY



**CURBSIDE RECYCLING PICK-UP** 

BUSINESS HOURS 7:30 AM TO 3:30 PM

DO NOT PUT ANY RECYCLABLES IN PLASTIC BAGS.
PLACE ALL RECYCLABLES IN A RECYCLING BIN.

NEWSPAPERS CAN BE PLACED IN BROWN PAPER BAGS OR CORRUGATED CARDBOARD BOXES. RECYCLABLE CARDBOARD MUST BE
BROKEN DOWN, BUNDLED AND TIED UP.



NOTE: MATTRESSES AND BOX SPRINGS MUST BE WRAPPED IN PLASTIC FOR CURBSIDE PICK UP.

# PLACE AT CURBSIDE BEFORE 7:30 AM ON SCHEDULED DAY OF PICKUP.





## RECYCLING

Newspaper, cardboard and paper cartons must be cut up and tied in bundles not larger than forty-eight (48) inches long, eighteen (18) inches wide and (18) inches high and not exceed 50 pounds, to be placed at curbside for collection BEFORE 7:30 AM ON THE DAY SCHEDULED FOR RECYCLING

Commingled recyclables (bottles, cans, glass, milk cartons, metal, recyclable plastics) should be placed for collection in open recycle containers.



# RUBBISH (BULK WASTE) - LIMIT 4 NON-METAL ITEMS PER HOUSEHOLD

Acceptable non-bulky furniture, chairs, tables, mattresses and box springs (must be in bedding bags), wood and other large non-metal items

PROHIBITED ITEMS - Tires, Batteries, Car Parts, Tubs, Sinks, Toilets, and Construction Debris.



# **APPLIANCES & METAL ITEMS - PICKED UP APRIL 1st** THRU SEPTEMBER 30th BY APPOINTMENT ONLY

Curbside pickup of the following items will be BY APPOINTMENT ONLY - CALL 914-665-2719

Major appliances, refrigerators, stoves, air conditioners, bulky furniture, sofa beds, metal desks, bed frames and metal cabinets will be picked up April 1st through September 30th by appointment only. Refrigerators, freezers and air conditioners MUST bear a sticker from a licensed refrigerant extractor indicating freon has been properly removed or else they will not be picked up.

## WE DO NOT PICK UP PROPANE TANKS



# **ELECTRONIC WASTE (BY APPOINTMENT ONLY)**

TVs, Computers, Electronic Devices and other electric or electronic items will be picked up. BY APPOINTMENT ONLY - CALL 914-665-2719



# YARD WASTE - MUST BE IN OPEN CONTAINER OR BROWN PAPER REFUSE BAGS

Yard waste, including garden debris, leaves, and flowers, cut grass, sweepings, rakings, clippings, small branches, bushes and shrubbery, shall be placed in open garbage containers or brown paper refuse bags. Clippings and small branches must be bundled, securely tied, and not longer than four (4) feet, weighing no more than 50 lbs. No dirt, concrete or stone will be picked up.

Note: Plastic bags are NOT acceptable containers for yard waste and will NOT be picked up. Leaves piled on the streets are both dangerous and illegal. Fines will be strictly enforced.



# **COMMERCIAL ESTABLISHMENTS**

No more than two (2) small bags or watertight receptacles of garbage not to exceed a weight of 20 pounds OR (2) small bundles of rubbish will be collected by the Department of Public Works on any regular collection day. Receptacles must be watertight, and equipped with a lid or cover, and shall have a capacity not in excess of 35 gallons or 2-Yards. Refer to Article 1: Garbage and Rubbish Collection - § 140-2 Receptacles



The following materials will NOT be picked up and their removal MUST be made by a private carter, contractor, or gardener. Placement of these items for collection may be subject to a summons:

Trade wastes, commercial meat waste, bundles in excess of four (4) feet in length, eighteen (18) inches in width, (18) inches in height or 50 pounds in weight, construction demolition and house renovation debris, soot, sawdust, wood shavings, cleaning or dyeing establishment waste, car parts, batteries, waste oil, combustible materials and toxic materials. It is important that the residents understand that the following items will NOT be collected: Debris from demolition, construction, alterations and house renovations such as lumber, stones, rock, masonry, plaster, sheet rock, roofing materials, kitchen cabinets, counters, etc. These items must be legally disposed of by the homeowner or contractor performing such work.



# SIDEWALK MAINTENANCE / SNOW REMOVAL

Every owner or lessee of any premises abutting on any street shall keep the contiguous sidewalks free from dirt, filth, weeds or other obstructions including snow and ice. Snow and ice must be cleared within 12 hours after such snowfall has ceased or ice has formed. It is dangerous and illegal to throw or place snow onto a city street, fines are strictly enforced. Chapter 227: Streets and Sidewalks - § 227-56: Sidewalk maintenance; removal of snow and ice. https://ecode360.com/6604161



## **SNOW EMERGENCY ROUTES**

Notification of snow emergencies declared by the City of Mount Vernon will be broadcast on local news outlets and posted on the City's website at www.cmvny.com. During such emergencies, any vehicle parked or unattended on any snow emergency route, causing obstruction to traffic, or hindering snow removal operations may be towed away at the vehicle owner's risk under the direction of the Department of Public Works.

Towing enforcements are in effect immediately upon the declaration of a snow emergency.

The following conditions automatically constitute a Snow Emergency: Whenever snow falls in the City to a depth of three (3) inches or more during any 24 hr period, impairing the transportation of people, food, medical care, fire, health and police protection or other vital services or facilities.



SCAN OR CODE

# THESE RULES AND REGULATIONS **ARE IN ACCORDANCE WITH** THE MOUNT VERNON CITY CODE PART II Congral Legislation Chapter 140 - Article 1:

Garbage and Rubbish Collection.

Fallure to comply may result in fines of up to \$1,000.



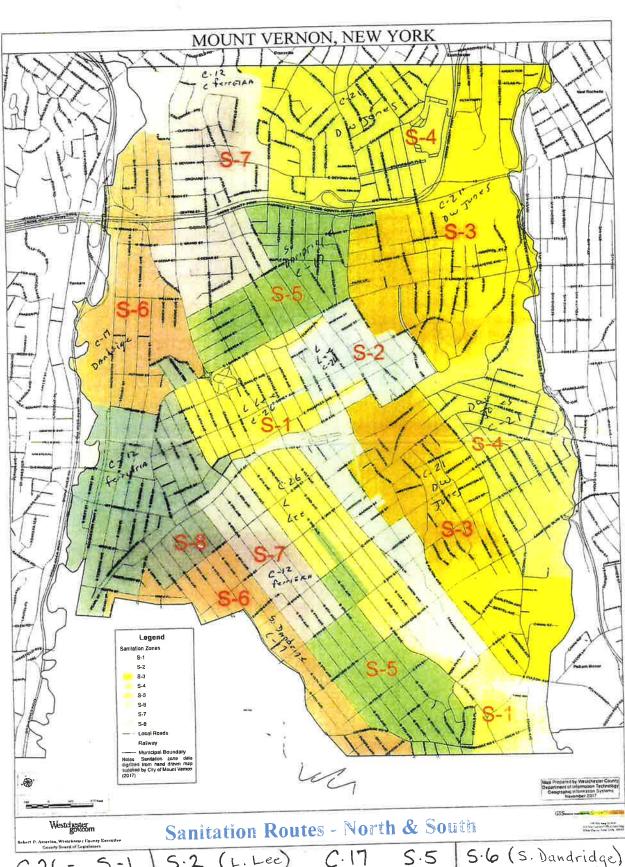
# ALTERNATE SIDE PARKING SUSPENDED

JANUARY- 2, 16, FEBRUARY-13, 20,

SEPTEMBER- 4 OCTOBER- 9

MAY- 28 JUNE-19 JULY- 4

NOVEMBER-10, 23. DECEMBER-25,



C.26-5-1 | S.2 (L. Lee) C.17 S.5 | S.6 (S. Dandridge)
C.21 S.3 | S.4 (D. Jones) C.12 S.7 | S.8 (C. Ferreira)





# **APPENDIX C**

# MOUNT VERNON AVERAGE STOPS PER ROUTE, POUNDS OF GARBAGE PER STOP, AND COMPARISON OF MOUNT VERNON TO NEW ROCHELLE



# CITY OF MOUNT VERNON, NEW YORK DEPARTMENT of PUBLIC WORKS

SHAWYN PATTERSON-HOWARD

Mayor

City Hall
One Roosevelt Square – Room 108
Mount Vernon, NY, 10550
(914) 665-2300 – Fax: (914) 665-2476

DAMANI L. BUSH
Commissioner
ROBERT L. HACKETT
Deputy Commissioner

# Sanitation Routes and Stops Per Route

S1

North = 404

South = 846

**S2** 

North / South = 890

**S3** 

North = 884

South = 969

**S4** 

North = 751

South = 932

**S**5

North = 723

South = 887

**S6** 

North = 716

South = 812

**S7** 

North = 721

South = 364

**S8** 

North / South = 1,264





# AVERAGE STOPS PER ROUTE AND POUNDS OF GARBAGE PER STOP

# Sanitation Stops Per Route

Total stops =  $11,163 \times 2/\text{week} = 22,326 \text{ stops/week}$ 

Average stops/day = 698 stops/day/cres

# Average lbs. Garbage/Stop

Total tons garbage delivered to transfer station (2022) = 30,472 tons.

Average lbs./stop = 52.5 lbs./stop

# **Material Usage**

From Material:101 | Municipal Solid Waste -From:01/01/2022Print Date:7/20/2023To Material:101 | Municipal Solid Waste -To:12/31/2022Print Time:11:33 AM

Truck	lTicket	Materi	al(tn)	-		Revenue	e	
ID	Date Num		Net		Mat'l	Tax	Other	Total
M68097	AK-2137 12/29/22	30159423	8.920	tn	\$293.56		\$0.00	\$293.56
BE9777	BE9777-NY 12/29/22	30159424	9.170	tn	\$301.78		\$0.00	\$301.78
BE8769	BE8769 NY 12/29/22	30159427	9.120	tn	\$300.14		\$0.00	\$300.14
BE9739	BE9739-NY 12/29/22	30159434	8.830	tn	\$290.60		\$0.00	\$290.60
BE8763	BE8763 NY 12/29/22	30159437	9.640	tn	\$317.25		\$0.00	\$317.25
AL1900	AL1900-NY 12/29/22	30159439	0.810	tn	\$26.66		\$0.00	\$26.66
BE9739	BE9739-NY 12/29/22	30159445	1.680	tn	\$55.29		\$0.00	\$55.29
M68097	AK-2137 12/29/22	30159451	3.490	tn	\$114.86		\$0.00	\$114.86
BE9741	BE9741-NY 12/29/22	30159454	3.530	tn	\$116.17		\$0.00	\$116.17
BE9776	BE9776-NY 12/29/22	30159458	3.420	tn	<b>\$112.55</b>		\$0.00	\$112.55
BE8769	BE8769 NY 12/29/22	30159459	2.910	tn	\$95.77		\$0.00	\$95.77
BE8763	BE8763 NY 12/29/22	30159464	3.030	tn	\$99.72		\$0.00	\$99.72
BE9772	BE9772-NY 12/29/22	30159468	9.160	tn	\$301.46		\$0.00	\$301.46
AL1820	AL1820-NY 12/30/22	30159505	9.540	tn	\$313.96		\$0.00	\$313.96
BE8769	BE8769 NY 12/30/22	30159511	8.490	tn	\$279.41		\$0.00	\$279.41
BE8763	BE8763 NY 12/30/22	30159520	7.840	tn	\$258.01		\$0.00	\$258.01
BE9741	BE9741-NY 12/30/22	30159521	9.240	tn	\$304.09		\$0.00	\$304.09
BE9776	BE9776-NY 12/30/22	30159524	8.910	tn	\$293.23		\$0.00	<b>\$2</b> 93.23
BE9777	BE9777-NY 12/30/22	30159525	9.050	tn	\$297.84		\$0.00	\$297.84
BE9772	BE9772-NY 12/30/22	30159527	11.260	tn	\$370.57		\$0.00	\$370.57
AL1900	AL1900-NY 12/30/22	30159528	6.250	tn	\$205.69		\$0.00	\$205.69
BE9739	BE9739-NY 12/30/22	30159530	6.600	tn	\$217.21		\$0.00	\$217.21
BE9776	BE9776-NY 12/30/22	30159543	3.460	tn	\$113.87		\$0.00	\$113.87
	ION CITY Totals		30,471.920	tn	\$955,327.42		\$0.00	\$955,327.42
Tickets:	4,243							
Municipal	Solid Waste - (Garbage) To	tals	30,471.920	tn	\$955,327.42		\$0.00	\$955,327.42
Tickets:	4,243							
Incoming	Totals		30,471.920	tn	\$955,327.42		\$0.00	\$955,327.42

Tickets: 4,243

# December 2022 Tonnages Per Route Mt. Vernon

	<b>S1</b> ,	/BE9741			S2/BE9772		S3/BE8763			
	Date	Truck ID	Tonnage	Date	Truck ID	Tonnage	Date	Truck ID	Tonnage	
1	12/1/2022	9741	8.61	12/1/2022	9772	8.62	12/1/2022	8763	10.29	
2	12/1/2022	9741	5.61	12/1/2022	9772	3.19	12/1/2022	8763	0.71	
3	12/2/2022	9741	9.00	12/2/2022	9772	9.52	12/2/2022	8763	8.88	
4	12/2/2022	9741	2.83	12/2/2022	9772	3.55	12/5/2022	8763	10.81	
5	12/5/2022	9741	11.77	12/5/2022	9772	12.36	12/5/2022	8763	9.51	
6	12/5/2022	9741	11.57	12/5/2022	9772	5.49	12/6/2022	8763	7.1	
7	12/6/2022	9741	12.11	12/6/2022	9772	11.69	12/7/2022	8763	0.84	
8	12/7/2022	9741	5.68	12/7/2022	9772	2.82	12/8/2022	8763	9.05	
9	12/7/2022	9741	4.65	12/8/2022	9772	9.20	12/8/2022	8763	0.73	
0	12/8/2022	9741	9.43	12/8/2022	9772	2.05	12/9/2022	8763	8.16	
1	12/8/2022	9741	5.05	12/9/2022	9772	10.28	12/12/2022	8763	9.74	
۱2	12/9/2022	9741	10.30	12/9/2022	9772	1.07	12/12/2022	8763	8.51	
13	12/9/2022	9741	2.89	12/12/2022	9772	12.12	12/13/2022	8763	8.67	
L4	12/12/2022	9741	11.2	12/12/2022	9772	3.58	12/14/2022	8763	0.73	
L5	12/12/2022	9741	10.01	12/13/2022	9772	11.04	12/15/2022	8763	9.34	
16	12/13/2022	9741	11.75	12/14/2022	9772	4.53	12/15/2022	8763	1.2	
17	12/14/2022	9741	4.45	12/15/2022	9772	7.82	12/16/2022	8763	7.18	
18	12/15/2022	9741	8.94	12/15/2022	9772	4.46	12/19/2022	8763	6.01	
19	12/15/2022	9741	6.20	12/16/2022	9772	10.86	12/19/2022	8763	10.68	
20	12/16/2022	9741	10.55	12/19/2022	9772	7.82	12/19/2022	8763	4.71	
21	12/19/2022	9741	11.92	12/19/2022	9772	8.65	12/20/2022	8763	8.23	
22	12/19/2022	9741	10.72	12/20/2022	9772	12.4	12/21/2022	8763	1.37	
23	12/20/2022	9741	11.79	12/21/2022	9772	2.73	12/22/2022	8763	8.64	
24	12/21/2022	9741	4.78	12/22/2022	9772	10.95	12/22/2022	8763	1.91	
25	12/22/2022	9741	8.42	12/23/2022	9772	11.73	12/23/2022	8763	8.48	
26	12/22/2022	9741	4.66	12/27/2022	9772	11.02	12/27/2022	8763		
27	12/23/2022	9741	12.21	12/27/2022	9772	10.76	12/27/2022	8763	5.33	
28	12/27/2022	9741	9.08	12/28/2022	9772	10.84	12/27/2022	8763		
29	12/27/2022	9741	9.94	12/28/2022	9772	4.73	12/28/2022	8763		
30	12/27/2022	9741	10.00	12/29/2022	9772	9.16		8763		
31	12/28/2022	9741	11.71		9772	11.26		8763		
32	12/28/2022	9741	7.09				12/30/2022	8763	7.84	
33	12/29/2022	9741	7.71							
34	12/29/2022	9741	3.53							
35	12/30/2022	9741	9.24							
36										
37										
38										
	Column Totals		295.4			246.3			217.46	
		2002.00								
	Grand Total	2662.89			L		I		I	

9	64/BE9739		S	5/BE9777		S6/BE8769			
Date	Truck ID	Tonnage	Date	Truck ID	Tonnage	Date	Truck ID	Tonnage	
12/1/2022	9739	6.41	12/1/2022	9777	10.99	12/1/2022	8769	10.46	
12/1/2022	9739	3.80	12/1/2022	9777	1.85	12/1/2022	8769	9.60	
12/2/2022	9739	8.54	12/2/2022	9777	11.50	12/2/2022	8769	9.07	
12/5/2022	9739	13.60	12/2/2022	9777	2.44	12/5/2022	8769	12.52	
12/5/2022	9739	4.70	12/5/2022	9777	13.76	12/5/2022	8769	10.00	
12/6/2022	9739	8.02	12/6/2022	9777	13.57	12/6/2022	8769	9.50	
12/7/2022	9739	1.27	12/7/2022	9777	1.32	12/8/2022	8769	11.45	
12/8/2022	9739	10.65	12/8/2022	9777	11.67	12/8/2022	8769	8.30	
12/9/2022	9739	8.93	12/9/2022	9777	12.03	12/9/2022	8769	8.86	
12/12/2022	9739	12.11	12/9/2022	9777	0.78	12/12/2022	8769	11.32	
12/12/2022	9739	4.20	12/12/2022	9777	13.22	12/12/2022	8769	8.97	
12/13/2022	9739	7.64	12/13/2022	9777	13.01	12/13/2022	8769	8.96	
12/14/2022	9739	2.36	12/15/2022	9777	8.78	12/15/2022	8769	9.06	
12/15/2022	9739	10.08	12/15/2022	9777	2.76	12/15/2022	8769	7.45	
12/16/2022	9739	9.52	12/16/2022	9777	11.19	12/16/2022	8769	8.93	
12/19/2022	9739	13.24	12/19/2022	9777	11.23	12/19/2022	8769	10.68	
12/19/2022	9739	5.35	12/19/2022	9777	2.50	12/19/2022	8769	10.32	
12/20/2022	9739	9.67	12/20/2022	9777	12.47	12/20/2022	8769	11.38	
12/21/2022	9739	1.30	12/20/2022	9777	1.91	12/22/2022	8769	8.73	
12/22/2022	9739	10.33	12/22/2022	9777	9.55	12/22/2022	8769	5.32	
12/23/2022	9739	9.30	12/22/2022	9777	2.92	12/22/2022	8769	5.27	
12/27/2022	9739	11.59	12/23/2022	9777	13.03	12/23/2022	8769	8.96	
12/27/2022	9739	9.78	12/27/2022	9777	11.50	12/27/2022	8769	10.49	
12/28/2022	9739	9.88	12/27/2022	9777	11.04	12/27/2022	8769	9.06	
12/29/2022	9739	8.83	12/28/2022	9777	9.45	12/27/2022	8769	10.51	
12/29/2022	9739	1.68	12/28/2022	9777	10.10	12/28/2022	8769	10.16	
12/30/2022	9739	6.60	12/29/2022	9777	9.17	12/29/2022	8769	9.12	
			12/30/2022	9777	9.05	12/29/2022	8769	2.91	
						12/30/2022	8769	8.49	
								207.07	
		209.38			242.79			265.85	

9	7/AL1900		9	8/BE9776		S9/M68097			
Date	Truck ID	Tonnage	Date	Truck ID	Tonnage	Date	Truck ID	Tonnage	
12/1/2022	1900	10.16	12/1/2022	9776	9.23	12/1/2022	68097	10.49	
12/1/2022	1900	1.06	12/1/2022	9776	6.95	12/1/2022	68097	2.58	
12/2/2022	1900	8.43	12/2/2022	9776	7.32	12/2/2022	68097	7.75	
12/5/2022	1900	6.40	12/2/2022	9776	5.62	12/2/2022	68097	3.40	
12/5/2022	1900	10.59	12/5/2022	9776	9.73	12/5/2022	68097	11.91	
12/5/2022	1900	3.78	12/5/2022	9776	8.68	12/5/2022	68097	10.39	
12/6/2022	1900	8.99	12/6/2022	9776	9.69	12/6/2022	68097	12.45	
12/7/2022	1900	3.44	12/6/2022	9776	5.40	12/7/2022	68097	2.87	
12/8/2022	1900	10.3	12/7/2022	9776	4.37	12/8/2022	68097	9.00	
12/8/2022	1900	3.07	12/8/2022	9776	8.65	12/8/2022	68097	2.28	
12/9/2022	1900	8.33	12/8/2022	9776	7.01	12/9/2022	68097	11.16	
12/12/2022	1900	11.85	12/9/2022	9776	8.01	12/12/2022	68097	11.62	
12/12/2022	1900	6.86	12/12/2022	9776	5.25	12/12/2022	68097	8.16	
12/13/2022	1900	7.52	12/12/2022	9776	10.02	12/13/2022	68097	11.87	
12/14/2022	1900	3.29	12/12/2022	9776	5.90	12/14/2022	68097	2.07	
12/15/2022	1900	10.3	12/13/2022	9776	10.94	12/15/2022	68097	8.30	
12/15/2022	1900	3.18	12/13/2022	9776	2.17	12/15/2022	68097	2.04	
12/16/2022	1900	7.06	12/15/2022	9776	8.96	12/16/2022	68097	9.74	
12/19/2022	1900	11.09	12/15/2022	9776	5.06	12/19/2022	68097	10.82	
12/19/2022	1900	7.12	12/16/2022	9776	9.72	12/19/2022	68097	10.54	
12/20/2022	1900	8.77	12/16/2022	9776	2.40	12/20/2022	68097	11.08	
12/21/2022	1900	2.72	12/19/2022	9776	10.11	12/21/2022	68097	2.10	
12/22/2022	1900	9.16	12/19/2022	9776	5.77	12/22/2022	68097	7.59	
12/22/2022	1900	3.04	12/20/2022	9776	9.03	12/22/2022	68097	2.45	
12/23/2022	1900	7.63	12/20/2022	9776	4.27	12/23/2022	68097	11.88	
12/27/2022	1900	9.49	12/21/2022	9776	4.00	12/27/2022	68097	10.14	
12/27/2022	1900	10.58	12/22/2022	9776	8.78	12/27/2022	68097	6.06	
12/27/2022	1900	3.65	12/22/2022	9776	4.39	12/27/2022	68097	9.75	
12/28/2022	1900	11.92	12/23/2022	9776	11.87	12/28/2022	68097	11.49	
12/29/2022	1900	10.03	12/23/2022	9776	1.24	12/28/2022	68097	3.41	
12/29/2022	1900	0.81	12/27/2022	9776	10.41	12/29/2022	68097	8.92	
12/30/2022	1900	6.25	12/27/2022	9776	10.13	12/29/2022	68097	3.49	
	1900		12/28/2022		10.05				
	1900		12/28/2022	9776	9.99				
	1900		12/29/2022		9.20				
	1900		12/29/2022		3.42				
	1900		12/30/2022		8.91				
	1900		12/30/2022	9776	3.46				
		226.87			276.11			247.8	

S10/M68090			S11/AL1820			S12/L88108			
Date	Truck ID	Tonnage		Truck ID	Tonnage	Date	Truck ID	Tonnage	
12/1/2022	68090	11.8	12/1/2022	1820	5.72	12/1/2022	88108	5.75	
12/1/2022	68090	5.25	12/2/2022	1820	3.23	12/1/2022	88108	5.73	
12/5/2022	68090	5.47	12/5/2022	1820	3.20	12/2/2022	88108	4.05	
12/6/2022	68090	6.60	12/9/2022	1820	5.11	12/2/2022	88108	5.88	
12/7/2022	68090	3.38	12/12/2022	1820	5.67	12/2/2022		5.09	
12/8/2022	68090	5.78	12/16/2022	1820	2.09	12/2/2022	88108	6.26	
12/12/2022	68090	0.39	12/16/2022	1820	2.44	12/5/2022	88108	4.48	
12/15/2022	68090	5.43	12/30/2022	1820	9.54	12/5/2022	88108	5.91	
12/19/2022	68090	0.30				12/5/2022	88108	5.26	
12/27/2022	68090	5.62				12/5/2022	88108	5.04	
12/28/2022	68090	2.59				12/8/2022	88108	6.36	
						12/8/2022	88108	6.87	
						12/8/2022		7.07	
						12/8/2022		6.69	
						12/12/2022	88108	3.02	
						12/12/2022		6.90	
						12/12/2022		6.40	
						12/12/2022	88108	6.63	
						12/14/2022		4.20	
						12/14/2022		5.66	
						12/15/2022		7.22	
						12/15/2022		5.55	
						12/15/2022		3.91	
						12/16/2022		5.95	
						12/16/2022		7.07	
						12/16/2022		6.37	
						12/16/2022	-	5.59	
						12/19/2022		5.68	
						12/19/2022	88108	2.23	
						12/19/2022	88108	5.03	
						12/19/2022	88108	4.75	
						12/20/2022		4.85	
						12/22/2022		4.79	
						12/22/2022		4.25	
						12/22/2022		4.60	
						12/22/2022		4.19	
						12/23/2022		6.41	
				_ = =					
		52.61			37			201.69	

S13/AL1821			Si	L4/AM2115		S15/68096			
	Truck ID	Tonnage		Truck ID	Tonnage		Truck ID	Tonnage	
12/2/2022	1821	2.98		2115		12/22/2022	68096	3.88	
12/14/2022		1.28				12/22/2022		8.42	
12/23/2022	1821		12/22/2022			12/28/2022		3.80	
			12/23/2022		0.35				
			12/28/2022		2.89				
-			12/29/2022		5.50				
			12/23/2022	2113	3.30				
							-		
		8.89			16.94			16.1	
		5.03							
	Ļ								

S17/68095				518/R16863		S19/68091		
Date	Date Truck ID Tonnage		Date	Truck ID	Tonnage	Date Truck ID Tonna		
12/6/2022			12/6/2022	16863	0.32		68091	2.92
12/7/2022			12/6/2022		0.23		68091	8.29
12/8/2022		6.74				12/9/2022	68091	3.69
12/12/2022		8.06				12/13/2022	68091	8.51
12/14/2022		0.93				12/14/2022	68091	4.03
12/20/2022		0.32				12/15/2022	68091	5.12
12/20/2022		3.28		+		12/15/2022	68091	7.66
12/20/2022		4.76				12/16/2022	68091	3.96
12/21/2022		3.31				12/19/2022	68091	5.10
12/29/2022		3.31						5.57
						12/20/2022	68091	
						12/29/2022	68091	0.52
		39.05			0.55			55.37

S19/AM2140					
Date	Truck ID	Tonnage			
12/27/2022		6.73			
		6.73			





#### Comparisons of Mt. Vernon and New Rochelle

	Mt Vernon	New Rochelle	
Population*	71,714 (2022)	82,288 (2022)	
2024 Adopted Refuse Collection and Disposal	\$5,266,205	\$8,331,515	
Budget	(\$925,000 dumping costs)	(\$1,300,000 dumping costs)	
Residential Refuse Fee 2024	1 – Family \$200.00	\$276.00	
	2 - Family \$400.00	\$552.00	
	3 - Family \$600.00	\$828.00	
No. of Refuse Collection Employees (2024)	52	53	
Disposed Waste (2022) **	30,472 tpy	28,741 tpy	
Recycled Waste (2022)	14,908 tpy (32.9%)	42,299***	
Total Waste	45,380 tpy total solid waste generated (recycled and disposed)		
	2.33 lbs./p/d - disposed waste	1.91 lbs./p/d – disposed waste	
The new newson new days	1.14 lbs./p/d - recycled waste****		
Lbs. per person per day	0.26 lbs./p/d – commingled		
	containers and mixed paper		

<sup>\*</sup>US Census

<sup>\*\*</sup>Westchester County Annual Report

<sup>\*\*\*</sup>Includes Estimated Organics Recycled

<sup>\*\*\*\*</sup>Includes 3407 Tons of Commingled Containers and Mixed Paper

#### **Ron Delo**

From: Fountain, Phillip <PFountain@ci.mount-vernon.ny.us>

Sent: Wednesday, January 11, 2023 5:59 PM

To: Ron Delo

Cc: Bush, Damani; Ted Pytlar

Subject: RE: Mount Vernon Refuse Sustainability Fee Study; D&B Proposal #11455

Attachments: DPW Truck Routes Map.pdf; Citywide Recycling Routes .pdf; Citywide Yard Waste Routes.pdf; 2023 Northside Sanitation Schedule

.jpg; 2023 Southside Sanitation Schedule .jpg; 2023 Sanitation Collect Guidelines .jpg

Diesel	S-15	2010	Freightliner M2 (Wh)	1FVHC7CV0ADAT2524
Diesel	S-2	2022	Peterbilt / 348	2NP3LJ0X9NM773821
Di esel	S-19	2010	Freightliner M2 (Wh)	1FVHC7CV4ADAT2526
Diesel	S-16	2010	Freightliner M2 (Wh)	1FVHC7CV8ADAT2528
Diesel	S-17	2010	Freightliner M2 (Wh)	1 FVHC7CVXADAT2529
Diesel	S-10	2010	Freightliner M2 (Wh)	1FVHC7CV6ADAT2530
Diesel	S-9	2010	Freightliner M2 (Wh)	1FVHC7CV8ADAT2531
Diesel	S-18	2010	Freightliner M2 (Wh)	1FVHC7CV6ADAT2527
Diesel	S-11	2011	Freightliner M2 (Wh)	1FVHCYBS2BHBA6853
Diesel	S-12	2012	Freightliner M2 (Wh)	1FVHCYBS8BHBA6856
Diesel	S-13	2012	Freightliner M2 (Wh)	1FVHCYBS2CHBL1239
Diesel	S-14	2012	Freightliner M2 (Wh)	1FVHCYBS2CHBL1242
Diesel	S-1	2022	Peterbilt / 348	2NP3⊔0X4NM773822
Diesel	S-2	2022	Peterbilt / 348	2NP3⊔0X9NM773821
Diesel	S-3	2022	Peterbilt / 348	2NP3LI0X5NM734563
Diesel	S-4	2022	Peterbilt / 348	2NP3LJ0X7NM773820
Diesel	S-5	2022	Peterbilt / 348	2NP3⊔0X0NM773819
Diesel	S-6	2022	Peterbilt / 348	2NP3⊔0X7PM854786
Diesel	S-7	2022	Peterbilt / 348	2NP3LJ0X2NM773823
Diesel	S-8	2022	Peterbilt / 348	





#### APPENDIX D

# WESTCHESTER COUNTY 2022 ANNUAL REPORT DIVISION FOR SOLID WASTE MANAGEMENT RECYCLING OFFICE



## **2022 ANNUAL REPORT**

WESTCHESTER COUNTY DEPARTMENT OF ENVIRONMENTAL FACILITIES DIVISION OF SOLID WASTE MANAGEMENT/RECYCLING OFFICE

#### **Table of Contents**

### **2022 ANNUAL REPORT**

## WESTCHESTER COUNTY DEPARTMENT OF ENVIRONMENTAL FACILITIES DIVISION OF SOLID WASTE MANAGEMENT and RECYCLING OFFICE

#### **Executive Summary**

#### **DEF/Recycling & Solid Waste Facilities**

- 1. Material Recovery Facility (MRF)
- 2. Charles Point Waste-to-Energy Facility
- 3. County Transfer Stations
- 4. Household-Material Recovery Facility (H-MRF)

#### **Recycling Programs**

- 5. Recycling Education
- 6. Medication Take-Back Program
- 7. Mobile Shredder Program
- 8. Boat Wrap Recycling Program
- 9. Westchester County's Recycling HelpLine
- 10. Electronic Waste Recycling Program
- 11. Organic Yard Waste Transfer Station IMA Program
- 12. Recycling Enforcement
- 13. Household Recycling Days

#### **Growing Initiatives**

- 14. Residential Food Scrap Transportation and Disposal Program (RFSTAD)
- 15. CompostED Facility
- 16. Expanded Textile Recycling Program

#### Refuse Disposal District #1

17. Refuse Disposal District Advisory Board

#### **Attachments**

- 18. 2022 Westchester County Recycling Rate
- 19. 2022 Municipally Collected Waste & Recyclables

### **Executive Summary**

The Westchester County Department of Environmental Facilities (DEF) serves as New York State's designated Planning Unit for Westchester's 43 municipalities and manages Refuse Disposal District (RDD) No. 1, to which 36 of the County's municipalities belong. DEF oversees several solid waste and recycling facilities, which handle about 90% of the County's residential waste stream. DEF also manages the County's many recycling and waste reduction programs and services.

Over the past three decades, Westchester County and DEF have consistently performed at or near the top of all waste management performance indicators, including waste reduction. Since 2005, the amount of residential solid waste the County has disposed of has decreased from 525,950 tons to 379,557 tons in 2022, a reduction of 146,393\_tons or 28%. In 2022, the County continued to demonstrate why it is considered a regional leader in the field of environmental management by posting a recycling rate of 51%, far outpacing the EPA national average of 32% (2020). The County's recycling rate includes a wide variety of materials collected and diverted from the solid waste stream beyond cans, bottles and paper collected curbside, such as roadway millings, large bulk metals, construction debris, and composted organic waste.

In December 2010, the New York State Department of Environmental Conservation finalized its Solid Waste Management Plan, which outlined a course of action for the next twenty years. The State's Plan, titled "Beyond Waste," identified a new goal for all Planning Units to drastically reduce solid waste disposed (i.e., non-recyclable waste) to 0.6 pounds per person per day ("PPPD") by 2030. Westchester is working very hard to meet the State's goal. In 2022, the County's average of 3.5 outperformed the New York State average of 4.5 PPPD as well as the national average of 4.9 PPPD (2018 rate). While 50% of the waste generated in the U.S. ended up discarded in a landfill (2018), it's estimated that over 90% of Westchester's non-recyclable waste stream was processed at a waste-to-energy facility, where it was used as a feedstock to produce clean energy. In comparison, EPA estimates that only 11.8% of the nation's waste stream was delivered to an energy recovery facility in 2018 (the most recent year for which data is available).

Recycling in Westchester continues to make good sense economically as well as environmentally. In 2022, 66,953 tons of curbside recyclables collected by municipalities within the RDD were delivered to the Daniel P. Thomas Material Recovery Facility (MRF). Revenue from the sale of these recyclables totaled \$ 5,169,283.58.

The environmental programs in place in Westchester County and managed by DEF, include: enforcement, tours of the County's Material Recovery Facility, recycling of municipally-collected yard waste under the Organic Yard Waste Program, operation of the Household-Material Recovery Facility, Mobile Shredder, and new programs like the Residential Food Scrap Transportation and Disposal (RFSTAD) program and the County's first small-scale composting facility and education center, CompostED. These and other programs discussed in this report, all contribute to Westchester's excellent record of performance. The County, through the work of DEF, remains committed to serving as a leader in the environmental management field in 2022 and beyond.

### **DEF/Recycling & Solid Waste Facilities**

#### 1. Material Recovery Facility (MRF):

The MRF, located in Yonkers, serves as the primary recycling facility for the municipalities in the RDD. The items delivered and processed at the MRF and then sold to recyclers include: aluminum (cans and foil), ferrous metals, food and beverage cartons (gable top and shelf-stable aseptic), plastics (coded 1–7), plastic boat wrap, newspaper, corrugated cardboard, and assorted paper, including office paper and paper collected by the County's two Mobile Shredders. In 2022, the MRF processed 66,953 tons of recyclables.

#### 2. Charles Point Waste-to-Energy Facility:

Operated by Wheelabrator Technologies, the Charles Point Waste-to-Energy Facility, located in the City of Peekskill, processes up to 2,250 tons of household and commercial waste per day. Refuse collected from Westchester municipalities and commercial customers is delivered to this fully enclosed facility, where it is transferred to utility-type boilers that recover thermal energy in the form of high-pressure steam. The steam-powered turbines generate 63 MW of electricity an hour—enough to power over 30,000 homes. Additional steam not required for electricity generation is marketed to a nearby commercial customer, White Plains Linen, for use as a clean, reliable, and renewable energy source.

In 2022, the facility processed 655,824 tons of solid waste to generate electricity, while 8,822 tons of ferrous metal were extracted from the ash residue and properly recycled.

In 2022, 359,053 tons of waste generated by RDD municipalities were delivered to the facility and 2,002 tons were delivered by Non-RDD municipalities.

#### 3. County Transfer Stations:

Three County Transfer Stations located in White Plains, Mount Vernon, and Yonkers offer RDD municipalities reduced costs for delivering the solid waste they collect by significantly reducing their travel time. The County provides transport of the waste from the transfer stations to the Charles Point Facility in Peekskill. In 2022, RDD municipalities in the northern part of the County delivered 74,379 tons of solid waste directly to Charles Point, while District municipalities in the southern part of the County delivered 277,960 tons of solid waste to these three transfer stations.

#### 4. Household-Material Recovery Facility (H-MRF):

The H-MRF, located on the County's Grasslands Campus in Valhalla, opened in April 2012 to provide a geographically centralized location for residents to dispose of hard-to-get-rid-of household wastes, including hazardous chemicals, cleaning products, tires, rechargeable batteries, Freon-containing appliances, electronic waste, propane tanks, expired or unwanted medications and textiles. The H-MRF also offers confidential document shredding services. RDD residents are able to use the facility at no cost, while Westchester County residents that do not reside within the RDD are required to pay a small fee based on the type and amount of materials they deliver.

When possible, collected materials are recycled; while all other materials are disposed of in a safe and environmentally responsible way.

The H-MRF is open Tuesday-Saturday from 10am -3pm.

In 2022, 13,900 households visited the H-MRF and delivered a total of 1,011,332 lbs. of materials, including:

- o 1,800 lbs of antifreeze
- o 254,244 lbs of paint
- o 8,210 lbs of automotive batteries
- o 1,027 lbs of hazardous household batteries
- o 53,111 lbs of pesticides
- o 353 lbs of mercury containing devices
- o 215,686 lbs of electronics
- o 74,585 lbs of misc. hhw
- o 12,321 lbs of fluorescent bulbs
- o 3,600 lbs of pharmaceuticals
- o 136,703 lbs of bulk metals
- o 247,100 lbs of confidential documents for shredding
- o 2,533 lbs of misc. solid waste

The H-MRF also accepts chemicals and fluorescent light bulbs from Conditionally Exempt Small Quantity Generators (CESQGs). This enables local schools, municipal and county departments and small businesses to dispose of these items properly. In 2022, CESQGs delivered 1,291 lbs. of hazardous waste.

### RECYCLING PROGRAMS

#### 5. Recycling Education:

Typically, the MRF Education and Conference Center allows visitors to observe the operation of a municipal solid waste and recyclables transfer station. Due to the ongoing pandemic tours were suspended for most of 2022, but resumed in October. In total, 12 tours were given in 2022. MRF tours are free of charge and provide participants an opportunity to learn about the management of solid waste and recyclables in Westchester. Tours allow participants to see the equipment that separates, sorts, and prepares materials for sale to third party recyclers. From an observation tower, visitors can see the tipping floor, where truckloads of recyclables are delivered. Tours are offered to students and persons of all age groups (kindergarten and above) and typically lasted an hour.

Continued recycling education occurs daily as DEF staff regularly answer questions from the public via email and social media. These interactions provide an opportunity to share educational resources with County residents. Staff attending the six Household Recycling Days in 2022 also passed out educational recycling flyers, including the Recycle Right pamphlets and information about the H-MRF in Valhalla.

#### 6. Medication Take-Back Program:

Residents are able to drop off unwanted or expired medications at the H-MRF on the first Tuesday of every month. Following the close of business, Westchester County Department of Public Safety personnel supervise transportation of the collected medications to the Waste-to-Energy Facility in Peekskill for destruction.

A total of 169 households delivered 1,130 lbs. of medications directly to the H-MRF. In addition, 38 Westchester County Police Departments participated in the Medication Take-Back Program by hosting MedReturn Units at their stations. These MedReturn Units allow residents to drop off unwanted medications confidentially and conveniently, 24/7. The Police Departments deliver the collected medications to the H-MRF. In 2022, 5,583 lbs. of medications were collected by Police Departments and brought to the H-MRF on the first Tuesday of each month. In total, Westchester County collected 6,713 lbs. of medications at the H-MRF. An additional 3,660 lbs. of medications were collected across six HRD events and contributed to a total of 9,243 lbs. of medication waste disposed of in 2022.

#### 7. Mobile Shredder Program:

In 2022, DEF continued to operate two Mobile Shredders, conducting shredding events at various locations throughout the County. Residents are permitted to bring up to four file-size boxes of personal papers to these events to be shredded and recycled. In 2022, over 11,588 households utilized the Mobile Shredder and over 203 tons of paper were shredded and sold to recyclers. The Mobile Shredders were also available to residents that attended one of the County's six different Household Recycling Day (HRD) events in 2022. Across the six events, 1,275 residents delivered over 23 tons of paper for shredding.

#### 8. Boat Wrap Recycling Program:

In 2022, Westchester County's Boat Wrap Recycling program collected nearly 35 tons of plastic used to protect boats during the winter from participating Long Island Sound and Hudson River marinas. An average boat can use as much as 14 lbs. of recyclable wrap (low-density polyethylene or LDPE), which would normally be thrown away in the Spring. The County sells the collected plastic to recyclers.

In 2022, 26 marinas and boat yards along the Long Island Sound and the Hudson River operated as designated collection points. DEF picks up and delivers the material to the MRF.

#### 9. Westchester County's Recycling HelpLine:

The County's Recycling HelpLine at (914) 813-5425 serves as an informational tool to assist local residents and businesses by providing answers to questions regarding waste management and recycling. Residents can also call the HelpLine to book an appointment to deliver material to the H-MRF. The HelpLine is available 7 days a week from 9 am to 7pm and free to use.

The HelpLine is operated by staff from the United Way, trained to answer frequently asked recycling questions, and to transfer other questions to appropriate DEF staff. The Recycling HelpLine also provides residents with information on various County sponsored events such as residential shredding events featuring one of the Mobile Shredders. Additionally, the HelpLine assists residents with questions related specifically to their particular locale, since waste collection programs vary from one municipality to another. In 2022, the Recycling HelpLine handled 16,674 inquiries, up 11% from 2021.

#### 10. Electronic Waste Recycling Program:

DEF provides electronic waste (e-waste) collection containers at 27 RDD municipal sites, where RDD residents can dispose of their unwanted electronics. In addition, residents can deliver e-waste to the H-MRF. In 2022, the County diverted about 734 tons of e-waste from the solid waste stream through this program.

#### 11. Organic Yard Waste Transfer Station IMA Program:

Beginning in 1998, the Westchester County Board of Legislators authorized the County to enter into 5-year Inter-Municipal Agreements (IMAs) with RDD municipalities to operate the Organic Yard Waste Transfer Station Program. Participating municipalities collect yard waste at a municipal depot. The County arranges for collection from the depot and transport to commercial composting facilities. As an economic incentive to divert yard waste from the solid waste stream, RDD member municipalities pay less per ton for collected yard waste than for disposal of municipal solid waste. The program allows participating municipalities to increase local recycling rates and to save money by diverting yard waste from the waste stream. In 2022, the program collected 74,974.08 tons of material. Municipalities that currently host an Organic Yard Waste Transfer station include: Briarcliff Manor, Croton, Eastchester, Greenburgh, Harrison, Hastings, Irvington, Larchmont, Village and Town of Mamaroneck, Mt. Kisco, Mt. Vernon, New Rochelle, Ossining Village, Peekskill, Port Chester, Rye City, Scarsdale, Sleepy Hollow, Tarrytown, White Plains, Yonkers and Yorktown. By hosting a site, these municipalities also agree to accept yard waste from neighboring municipalities.

#### 12. Recycling Enforcement:

In 2022, DEF inspectors continued to inspect loads tipped at both private and municipal transfer stations located within Westchester, looking for improperly mixed loads of garbage and recyclables in violation of the Source Separation Law (SSL). They also continued to inspect businesses, schools, multi-tenant facilities, and other institutions throughout the County to ensure compliance with the SSL.

In 2022, DEF issued 54 Notices of Hearing to haulers and waste generators for recycling violations. Of the violations issued, 21 were issued to municipal haulers, 10 were issued to private haulers, and 23 were issued to waste generators.

#### 13. Household Recycling Days:

In 2022, Westchester County held six Household Recycling Days (HRDs) which were tremendously popular. Events were held at Franklin D. Roosevelt State Park in Yorktown Heights, Sprain Ridge Park in Yonkers, Mount Vernon, Charles Point Resource Recovery Facility in Peekskill and at Rye Playland, attracted over 3,887 households who delivered over 193.7 tons of hazardous waste, paint, medications, electronic waste and other difficult to dispose of items for proper recycling/disposal.

### **Growing Initiatives**

#### 14. Residential Food Scrap Transportation and Disposal Program (RFSTAD):

In Fall 2020, the County established RFSTAD to assist municipalities seeking to start or maintain food scrap programs. The District saw the need to establish a program that would ease the financial burden for local municipalities to connect with local food scrap programs, and recognized that the transportation to and disposal of food scraps constituted the largest barrier to these programs in many communities.

Under RFSTAD, District municipalities pay a subsidized rate for the transportation and disposal of food scraps collected by the municipality either through drop-off or curbside collections. This subsidized rate makes the processing of food scraps cost neutral or provides a cost savings when compared with municipal costs to process municipal solid waste. RFSTAD also allows for the bulking of food scraps with a goal of reducing greenhouse gasses created during the transportation of the food scraps to an organics recycler.

2021 marked the first full year of the program with 19 municipalities contributing 812 tons of food scraps. Last year, 22 participating municipalities recycled 1,034 tons of food scraps.

#### 15. CompostED

DEF broke ground on the CompostED facility in December 2020 and it officially opened on Earth Day 2021. The facility is located across from the H-MRF on the Grasslands Campus in Valhalla, and is the County's first small-scale food scrap composting demonstration and education site. The site has the capacity to process up to two tons of food scraps a week while also serving as a valuable educational resource for County residents, students, and municipal officials. Educational tours are

designed to provide a hands on learning experience and teach participants how they can compost at home.

Despite the ongoing challenges of the pandemic, the facility was able to begin hosting educational tours by the end of the year. In 2022, CompostED hosted 34 tours for 416 participants and distributed 102 bags of compost to participants.

In addition to serving as an educational hub for composting, in 2022 the facility also composted over 85 tons of organic materials. The County partnered with the city of Mount Vernon's food donation program to accept inedible food at the CompostED facility and close the loop on food waste. CompostEd currently works with two of the largest food pantries in Westchester County, Meals on Main Street and Hope Community Services, where we pick all inedible food waste on a weekly basis. The horticultural grade compost is donated to farms and gardens in the county that donate a significant amount of the food they grow to food pantries.

#### 16. Expanded Textile Program

In December 2021, in partnership with HELSPY, DEF expanded the textile recycling program at the H-MRF by installing 3 new bins. Residents have the opportunity to recycle a variety of textiles (clothes, shoes, towels, rugs and more) in any condition (torn, worn, stained, broken zippers, etc.) as long as they are clean, dry and odorless. In 2022, residents delivered over 14 tons of textiles to the H-MRF for recycling.

## **REFUSE DISPOSAL DISTRICT #1**

#### 16. Refuse Disposal District Advisory Board:

County law requires the Board to be composed of 14 volunteers and 2 ex officio members to advise the RDD on solid waste issues and policy. Six members are designated to represent the County's cities; five members are designated to represent the towns; and four to represent the villages.

#### The 2022 board members were:

- 1. Benedict Salanitro—Town of Rye Chair
- 2. Thomas Meier—City of Yonkers
- 3. George Mottarella—City of Rye
- 4. Jeffrey Coleman—Village of Scarsdale
- 5. Peter Liguori—Town of Greenburgh
- 6. Peter Sciliano-Town of Mt. Pleasant
- 7. Stephen Altieri—Town of Mamaroneck
- 8. Rocco Circosta—Village of Ossining
- 9. Michael Gunther-Village of Hastings-on-Hudson
- 10. Rick Hope—City of White Plains

## **Attachment 1: 2022 Westchester County Recycling Rate**

MUNICIPALLY COLLECTED WASTE & RECYCLING IN TO	ONS				
Curbside Commingled Containers and Mixed Paper					
Organic Waste Recycled (Yard waste + food scraps)	167,445				
Bulk Metal Recycled	13,037				
Construction & Demolition Debris and Sewage Sludge Recycled	125,523				
Other Recyclables: Tires, Electronics, Anti-freeze, Motor Oil, Vehicle Batteries, Textiles, and Deposit	15,221				
Beverage Containers					
TOTAL RECYCLED WASTE	399,174				
TOTAL DISPOSED WASTE	388,379				
TOTAL RECYCLED & DISPOSED*	778,731				
MUNICIPAL RECYCLING RATE	51%				

<sup>&</sup>quot;Bulk Metal" includes 8,821.93 tons recycled from the Waste-to-Energy plant at Charles Point and subtracted from the "Disposed Waste" column.

PRIVATELY COLLECTED WASTE & RECYCLING IN TONS					
Source Separated Recyclables & Scrap Metal	73,157				
Yard Waste Recycled	41,639				
Construction & Demolition Debris (C&D) Recycled	524,948				
Construction & Demolition Debris Disposed	330,817				
Garbage Disposed	269,022				
TOTAL RECYCLED WASTE	639,744				
TOTAL DISPOSED C&D AND GARBAGE	599,839				
TOTAL RECYCLED & DISPOSED*	1,239,583				
PRIVATE HAULER RECYCLING RATE	52%				

WESTCHESTER COUNTY TOTAL	
COLLECTED WASTE & RECYCLING IN TONS	
TOTAL RECYCLED WASTE	1,038,918
TOTAL DISPOSED WASTE	988,218
TOTAL RECYCLED & DISPOSED*	2,027,136
WESTCHESTER COUNTY 2022 RECYCLING RATE	51%

Attachment 2: 2022 Municipally Collected Waste & Recyclables

Municipality	Recycled Waste	Disposed Waste	Total Solid Waste Generated (Recycled + Disposed)	Percent Recycled (Total)
ARDSLEY	3,316	2,148	5,464	61%
BEDFORD	27,489	11,657	39,146	70%
BRIARCLIFF	2,881	2,828	5,709	50%
BRONXVILLE	5,005	2,104	7,109	70%
BUCHANAN	605	1,255	1,860	33%
CORTLANDT	8,158	14,125	22,283	37%
CROTON-ON-HUDSON	2,886	3,444	6,331	46%
DOBBS FERRY	2,941	4,582	7,523	39%
EASTCHESTER	10,875	8,212	19,087	57%
ELMSFORD	1,068	1,671	2,739	39%
GREENBURGH	25,835	16,085	41,920	62%
HARRISON	10,003	8,529	18,532	54%
HASTINGS-ON-HUDSON	1,775	3,313	5,088	35%
IRVINGTON	3,025	2,826	5,851	52%
LARCHMNT/M'MARNCK	8,189	7,941	16,130	51%
LEWISBORO	1,591	2,685	4,276	37%
MAMARONECK- VILLAGE	5,028	8,363	13,390	38%
MT. KISCO	33,249	4,026	37,274	89%
MT. PLEASANT	11,889	9,067	20,956	57%
MT. VERNON	14,908	30,472	45,380	33%
NEW CASTLE	4,669	6,129	10,798	43%
NEW ROCHELLE *	42,299	28,741	71,040	60%
NORTH CASTLE	13,599	4,975	18,574	73%
NORTH SALEM	1,481	1,788	3,268	45%
OSSINING - TOWN	1,406	1,965	3,370	42%
OSSINING - VILLAGE	4,459	9,314	13,773	32%
PEEKSKILL	3,050	8,457	11,507	27%
PELHAM	3,839	2,818	6,658	58%
PELHAM MANOR	6,360	2,145	8,505	75%
PLEASANTVILLE	4,450	2,209	6,658	67%
PORT CHESTER	10,044	12,767	22,811	44%
POUND RIDGE	1,526	2,055	3,582	43%
RYE BROOK	3,847	3,288	7,135	54%
RYE CITY	11,429	5,428	16,856	68%
SCARSDALE	11,362	7,080	18,442	62%
SLEEPY HOLLOW	2,033	4,277	6,311	32%
SOMERS	2,736	6,700	9,436	29%
TARRYTOWN	3,597	3,758	7,355	49%
TUCKAHOE	6,340	2,574	8,914	71%
WESTCHESTER CO. PROGRAMS	10,781	51	10,832	
WHITE PLAINS	22,219	27,445	49,663	45%
YONKERS	27,983	85,668	113,651	25%
YORKTOWN	18,950	13,412	32,362	59%
TOTALS	399,174	388,379	778,731	51%

- "Bulk Metal" includes 8,821.93 tons recycled from the Waste-to-Energy plant at Charles Point and subtracted from the "Disposed Waste" column.
- "E-waste" Municipalities with an asterisk participate in the county's electronic waste collection program.
   Tonnage only allocated to municipality hosting an e-pod drop-off container.
- "Deposit Containers" Redeemed under the Returnable Container Act most recent available data. Estimated and proportionally credited to each municipality on a per capita basis.
- Construction and demolition debris (C&D) is mostly road and sidewalk repairs and dewatered beneficially reused sewage sludge.
- "Misc." includes antifreeze, motor oil, tires, junk automobiles, vehicle batteries, household batteries, cell phones, textiles and other misc. items.
- Organic Waste: Includes food waste and leaf debris recycling by participating municipalities.

<sup>\*</sup> New Rochelle recycled totals includes estimate of organics recycled based on average organics recycled from 2016-2020. Organics yard was closed in 2022 and should open again in late 2023.





## Westchester County Municipal Report Card - 2022

Municipality		Municipal Recycling Programs								Totals			
	Curbside Commingled Containers and Mixed Paper (tons)	Organic Waste (tons)	Bulk Metal (tons)	E-Waste (tons)	Deposit Containers (tons)	C&D & Sludge (tons)	MISC.	Recycled Waste (tons)	Disposed Waste (tons)	Total Solid Waste Generated (Recycled + Disposed) (tons)	Percent Recycled (Total)		
MT. VERNON - 2022	3,407	2,187	13	15	915	8,370		14,908	30,472	45,380	33%		
MT. VERNON - 2021	3,726	2,425		19	915	6,196		13,280	33,170	46,450	29%		
MT. VERNON - 2020	3,820	3,862	446	26	1,182		2	9,338	32,461	41,799	22%		

Remember to follow us at https://www.facebook.com/WestchesterCountyDEF for updates and additional recycling information!





# Westchester County Municipal Report Card: 2010-2021

Municipality		Mur	nicipal Red	cycling P	rograms				To	otals	LE BIRE
	Curbside Commingled Containers and Mixed Paper (tons)	Organic Waste (tons)	Bulk Metal (tons)	E-Waste (tons)	Deposit Containers (tons) (1)	C&D & Sludge (tons)	MISC. (tons) (2)	Recycled Waste (tons)	Disposed Waste (tons)	Total Solid Waste Generated (Recycled + Disposed) (tons)	Percent Recycled (Total)
MT. VERNON - 2021	3,726	2,425		19	915	6,196		13,280	33,170	46,450	29%
MT. VERNON - 2020	3,820	3,862	446	26	1,182		2	9,338	32,461	41,799	22%
MT. VERNON - 2019	3,047	3,204		43	1,182			7,476	30,920	38,396	19%
MT. VERNON - 2018	3,107	2,812		49	1,182			7,150	32,528	39,678	18%
MT. VERNON - 2017	2,894	3,782		71	1,182			7,929	29,358	37,287	21%
MT. VERNON - 2016	2,810	4,762	2	196	1,182	5,404	8	14,364	29,226	43,590	33%
MT. VERNON - 2015	2,873	4,185	3	106	1,182	2,953	7	11,309	27,977	39,286	29%
MT. VERNON - 2014	3,125	5,406	1	127	882	8,414	10	17,965	28,519	46,484	39%
MT. VERNON - 2013	2,772	4,033	1	109	882	3,628	5	11,430	28,502	39,932	29%
MT. VERNON - 2012	1,661	7,436 <b>(3)</b>		103	882		6	10,088	28,893	38,981	26%
MT. VERNON - 2011	2,977	7,970		99	882	103	15	12,046	29,297	41,343	29%
MT. VERNON - 2010	3,162	9,602	12	124	882		16	13,798	28,793	42,591	32%

<sup>(1) &</sup>quot;Deposit Containers" Redeemed under the Returnable Container Act. Proportionally credited to each municipality on a per capita basis.

<sup>(2) &</sup>quot;Misc." includes antifreeze, motor oil, tires, junk automobiles, vehicle batteries, household batteries, cell phones, textiles and other misc. items.

<sup>(3) &</sup>quot;Organic Waste" column for 2012 includes 98 tons of Superstorm Sandy Wood Waste Collected by NYSDOT





#### **APPENDIX E**

# MOUNT VERNON – COMPARISON OF MSW DISPOSAL RATES AND RECYCLING RATES





#### Mount Vernon – Comparison of MSW Disposal Rates and Recycling Rates

MSW Disposal Rates

NYSSWMP (2023): 4.06 lbs./person/day\*

USEPA (2018): 4.9 lbs./person/day

Mount Vernon (2022): 30,472 tons\*\*\* or 2.33 lbs./person/day\*\*\*\*

MSW Generation Rate

NYSSWMP (2023): 5.02 lbs./person/day\*\*

Recycling Rates (Curbside Commingled Containers and Mixed Paper Program)

NYSSWMP (2023): 22%\*

USEPA (2018): 23.6%

Mount Vernon (2022): 3407 tons\*\*\*\* or 0.26 lbs./person/day

\*2018 Data for NYS Region 3 from NYSSWMP (2023)

\*\*2018 Data for All of NYS from NYSSWMP (2023)

\*\*\* Westchester County Municipal Report Card – 2022

\*\*\*\*Based on 2022 US Census Population of 71,714





#### **APPENDIX F**

#### ADDITIONAL INFORMATION ON REFUSE SUSTAINABILITY FEE

## **MOUNT VERNON'S** SUSTAINABILITY **ACTION PLAN**

### SUSTAINABILITY **FEE SCHEDULE**

#### **REFUSE COLLECTIONS**

Residential Properties For Property Owners \$0.54/Daily or \$200/Annual Per Owned-Unit

#### **ENHANCED STAR RESIDENTS (SENIORS) PROPERTY OWNERS**

\$0.13/Daily or \$50/Annually Per Household

#### NON-PROFIT PROPERTIES

\$1.34/Daily or \$650/Annually Per Property

#### COMMERCIAL PROPERTIES

\$5.40/Daily or \$2,000/Annually Per Property

#### **SEWER ENTERPRISE FUND**

\$0.90 Per 100 Cubic Feet Based on Water Usage

The City recently announced awards of historic grant funding to rehabilitate the storm water and sanitary sewer systems that run underneath Mt Vernon's Streets. This restricted funding will provide for the capital portion (engineering and construction] of the sewers and is not usable toward the general operating costs of normal sewer maintenance. Still, as a result of this funding, the City is able to eliminate the capital portion of the "Sewer Fee" for FY22, reducing the rate from the adopted \$1.25 per 100 cubic gallons to \$.90 for the same.

SHAWYN PATTERSON-HOWARD



DAMANI L. BUSH mmissioner



ROBERT HACKETT

#### FOR MORE INFO CONTACT #MVDPW

[914] 665 - 2343 · DPWConcerns@cmvny.com



## DPW SUSTAINABILITY GOALS

- Replace All City-Owned Garbage Receptacles to address Litter Problems!
- Establish City-wide Rat/Rodent Prevention Initiative
- 🦠 Establish Street Cleaning Crews to Clean Up Blighted Areas And Assist With Zombie Property Removals!
- Fix Our Potholes / Pave It Forward!
- 🦄 Re-Invest Into Our Infrastructure (Sewer Rehabilitation, Street Paving, Traffic System Upgrades)
- Build Back Our DPW Workforce and Provide Additional Training For All DPW Operations including Driver Performance, Personnel Behavior and Boost Morale for Accountability, Communication and Efficiency
- Hiring DPW Code Enforcement Officers to address Quality of Life Issues
- Mire Additional Office Staff To Respond To Constituent Concerns In A Timely Manner!
- 🦠 Implement Innovative Technology To Enhance Our aste Removal Operations and Provide Efficiency!
- No Build Capacity for Compliance with the Department of Justice ("USDOJ"), Environmental Protection Agency ("EPA") and Department of Environmental Conservation ("DEC")









Single Room Occupancies (SRO's/Rooms for rent) by private homeowners are prohibited in the City.

#### Commercial Properties who Choose to Opt out?

Any commercial properties whom choose to opt out of the refuse collection fees must submit a <u>Refuse Sustainability Fee – Commercial Property – Opt Out Form</u> to the DPW Commissioners Office via mail or e-mail - DPWConcerns@cmvny.com.

#### **Additional Information**

Residents may contact the City Assessors Office at: (914) 665-2325 for any disputes with classification of real property status or qualification for exemptions (ex: Enhanced Star, Disability, Low Income Senior)

All payments are to be submitted to the City of Mount Vernon Comptroller's Office in person or via web at:

Pay Property Tax | Mount Vernon, NY

Only questions regarding payment or balance of taxes and fees, should be directed to the City Comptroller at (914) 665-2442

#### For More Information:

City Council Ordinance

Phone Contact # (914) 665-2300

E-Mail – DPWConcerns@cmvny.com



#### REFUSE SUSTAINABILITY FEE INFORMATION

#### What is the Refuse Sustainability Fees?

The City has established a Refuse Sustainability Fee to defray the cost of collection, transportation, and disposal of solid waste and recyclables from all real properties.

**The Fee is NOT A TAX** and is necessary to fund the maintenance and replacement of sanitation vehicles and tools and sanitation-related initiatives to make the City cleaner and safer for all residents, business owners, and visitors.

For years there has been no budget for these expenses resulting in equipment failures and use long past the life expectancy of the tools and vehicles. These expenses are not covered by the collected property taxes or other sources of revenue collected by the City. The fees were calculated based on garbage and recycling tonnage collected, the cost of repair and maintenance of the vehicles, and comparable with surrounding communities.

The Local Law adopting a new subsection 112-c to Chapter C. Charter, Article IX. Department of Public Works entitled "Refuse Sustainability Fee" was enacted on March 1, 2022, after two (2) public hearings and several public readings.

#### Refuse Fee vs. Sewer Fee?

The **Refuse Fee** is a flat fee paid by all real property owners to the City of Mt. Vernon. The fee is not assessed based on size of property and is only modified by classification or property as recorded by the Department of Assessment.

The <u>Sewer Fee</u>- mailed out by the Water Department (residents will receive it soon in a green envelope) is billed quarterly based on water usage with a minimum of **\$18.75 per quarter** (a building with no water usage).

#### How will it effect the City of Mount Vernon?

The Department of Public Works intends to accomplish the following goals by implementing the Refuse Sustainability Fee:

- Improve the Quality of Life conditions, which have been neglected for many years.
- Replace all City-owned Garbage Receptacles to address litter problems
- Establish City-wide Rat/Rodent Prevention Initiative
- Establish Street Cleaning crews to cleanup blighted areas and assist with Zombie Property Removals
- Implement innovative technology to enhance our waste removal operations and provide efficiency
- Build capacity for compliance with the Department of Justice ("USDOJ"), Environmental Protection Agency ("EPA") and Department of Environmental Conservation ("DEC").
- Purchase Sanitation and Recycling equipment annually to ensure all safe and efficient operations for staff and residents.

#### When will it begin?

The billing has already begun with the adoption of the City's 2022 Adopted Annual Budget and is included in the City's 1<sup>st</sup> half Property Tax Bills. The bill can be paid in two installments along with the property tax schedule. For most residents the fee is equivalent to \$17 per month.

#### Rates for Property Owners (Co-Ops fall into this category)

- Residential Refuse Fee (per unit) \$200.00
- Low Income Senior Residential Fee (per unit) \$50.00 (Owners Only)
- Persons w/ Disability Fee \$50.00
- Non-Residential Refuse Fee \$2,000.00 (Commercial / Business)
- Non-Profit Refuse Fee \$650.00
- Non-Profit Dormitory (Family) Refuse Fee \$100.00 (Shelters)
- Non-Profit Dormitory (SRO) Refuse Fee \$50.00 (YMCA or Salvation Army Housing)
- Vacant Lots / Land \$0.00

#### **Rates for Landlords / Renters**

All rented apartments are subject to the \$200 per unit fee, regardless of age/disability/income of the lessee. Landlords may be passing this fee on to the tenants in the form of a rent increase or one-time flat fee. This is between the tenant and the landlord/property owner.

Single Room Occupancies (SRO's/Rooms for rent) by private homeowners are prohibited in the City.

#### **Commercial Properties who Choose to Opt out?**

Any commercial properties whom choose to opt out of the refuse collection fees must submit a formal letter to the DPW Commissioners Office via mail or e-mail (<u>DPWConcerns@cmvny.com</u>) and complete the annual **Refuse Sustainability Fee – Commercial Property – Opt Out Form**.

#### **Additional Information**

Residents may contact the City Assessors Office at: **(914) 665 – 2325** for any disputes with classification of real property status or qualification for exemptions (ex: Enhanced Star, Disability, Low Income Senior)

All payments are to be submitted to the City of Mount Vernon Comptroller's Office in person or via web at:

Pay Property Tax | Mount Vernon, NY (cmvny.com)

Only questions regarding payment or balance of taxes and fees, should be directed to the City Comptroller at (914) 665 – 2442

#### For More Information

City Council Ordinance - <u>02232022-1406 (cmvny.com)</u> Phone Contact # (914) 665 – 2300 E-Mail – DPWConcerns@cmvny.com



# REFUSE SUSTAINABILITY FEE COMMERCIAL PROPERTY - OPT-OUT FORM

Must be submitted annually on/before September 30th to be effective for the next succeeding year

1. NAME OF OWNER(S):	
2. MAILING ADDRESS OF OWNER(S):	
3. TELEPHONE NUMBER(S)	
4. LOCATION OF PROPERTY	Block Lot
5. I hereby request that the commercial property local waste collection and disposal services. City waste collection means that your property is no	ted at the above street address be removed from solid ection is an all-or-nothing service. The decision to opt out o longer eligible for City collection of any materials.
6. I hereby represent that weekly solid waste collection arranged for the commercial property for the calendal location as evidenced by the attached document(s).	on and private carting disposal services have been r year 2022 (January 1 <sup>st</sup> – Present), located at the above
7. I understand as of January 1 <sup>st</sup> , 20 the City will r commercial property located at the above address.	no longer provide solid waste collection for the
8. I hereby acknowledge that if the City of Mount Verat the above property location address, that I shall be Schedule Below:	non provides collection services for the commercial units liable to pay to the City in accordance with the Fee Rate
<ul> <li>Non-Residential Refuse Fee - \$2,000.00 (Common common commo</li></ul>	mercial / Business)
9. I hereby represent and warrant that upon approval occupants of the commercial property at such address provided by the City unless and until I have applied for	I of this application, I shall not use nor shall I allow any ss to use the solid waste collection and disposal services or revocation of exemption.
•	Signature of Owner(s)
Sworn to before me This day of, 20	Date Received: / 20
	Signed;
Notary Public	Department of Public Works

#### **SANITATION FEE OPT OUT**

#### THIS PAGE IS FOR CITY USE ONLY

PUBLIC WORKS OFFICE	
Property added to the NO-PICKUP LIST Date	<del></del>
Copy of Private Carting Service Agreement Received	
Signature: Public Works Supervisor	Date
Signature:  DPW Commissioner	Date
***** FORWARD ALL COPIES TO	THE ASSESSORS OFFICE*****
ASSESSOR'S OFFICE	
Property Location:	Tax Map #
Applicant is owner? YesNo	# of Commercial Units
Signature:	Date / /
***** FORWARD ALL COPIES TO T	HE COMPTROLLERS OFFICE****
COMPTROLLER'S OFFICE	
Application Approval: Yes No	Date Received
Signature: City Comptroller	Date
***** FORWARD ALL COPIES TO	THE PUBLIC WORKS OFFICE****

DISTRIBUTION: (1) Property Owner, (1) DPW Commissioners Office, (1) Comptroller's Office.

Return Completed original to Assessors Office





#### **APPENDIX G**

#### MOUNT VERNON REFUSE SUSTAINABILITY FEE IMPACT ANALYSIS





#### MOUNT VERNON REFUSE SUSTAINABILITY FEE IMPACT ANALYSIS

Assumptions: Median Full Value of 1, 2 and 3 Family Homes in Mount Vernon. See Attachment No. 1.

- 1 Family Median Full Value = \$546,511.63
- 2 Family Median Full Value = \$554,868.47
- 3 Family Median Full Value = \$604,651.16

Assumption: Conversion Factor from Full Value to Assessed Value is 49.75

Therefore, Assessed Values for Median 1, 2 and 3 Family Homes in Mount Vernon are as Follows:

- 1 Family Median Assessed Value = \$10,985
- 2 Family Median Assessed Value = \$11,153
- 3 Family Median Assessed Value = \$12,154

Based on the above assessed values compare annual city tax bills for 2021(without refuse fee) to 2022 through 2024(with refuse fees) to annual city tax bills without refuse fees.

Assume annual budgets for 2021, 2022, 2023 and 2024 are as adopted.

Budgeted Refuse Fees for 2022 were \$6,700,000, for 2023 were \$6,000,000 and for 2024 were \$6,200,000.

Tax rates for 2021 were \$426.67/\$1000 AV, for 2022 were \$440.64/\$1000 AV plus Refuse Fee of \$200/unit, for 2023 were \$465.39/\$1000 AV plus Refuse Fee of \$200/unit and for 2024 were \$501.26/\$1000 AV plus Refuse Fee of \$200/unit.

Attachment No. 2 is a Mount Vernon Public Works Budget Comparison for 2020 – 2024.

Attachment No. 3 is a comparison of City Taxes for the Median Assessed Value 1, 2 and 3 Family Homes with and without the Refuse Sustainability Fees for the Years 2021(No Refuse Sustainability Fee) -2024 assuming the Public Works Department Budgets would be as per the adopted budgets for each of those years.





#### **ATTACHMENT 1**

#### MEDIAN VALUE OF 1, 2, AND 3 FAMILY HOMES IN MOUNT VERION NY 10550



## CITY OF MOUNT VERNON, NEW YORK DEPARTMENT of PUBLIC WORKS

SHAWYN PATTERSON-HOWARD

Mayor

City Hall
One Roosevelt Square – Room 108
Mount Vernon, NY, 10550
(914) 665-2300 – Fax: (914) 665-2476

DAMANI L. BUSH
Commissioner

ROBERT L. HACKETT
Deputy Commissioner

February 8, 2023

## Median Value of 1, 2 and 3 Family Homes in Mount Vernon Ny 10550

1 Family Median Value = \$546,511.63

2 Family Median Value = \$554,868.47

3 Family Median Value = \$604,651.16





# ATTACHMENT 2 MOUNT VENON D.P.W. BUDGET COMPARISONS 2020 - 2024



### Mount Vernon D.P.W. Budget Comparisons 2020 – 2024

	202	22 Adopted Budget 0	2/28/22				
2023 Adopted Budget 12/30/22							
2024 Adopted Budget 12/18/23							
Appropriations Account Number	2024	2023	2022	2021	2020		
A1440	\$337,994	\$278,338	\$401,938	\$243,404	\$231,329		
A1490	\$1,276,465	\$991,217	\$1,293,226	\$1,014,892	\$780,305		
A1620	\$1,664,585	\$1,412,272	\$1,320,484	\$1,034,518	\$1,036,597		
A1640	\$2,728,360	\$2,546,794	\$2,529,908	\$2,398,874	\$2,525,961		
A5110	\$4,217,247	\$3,880,108	\$2,640,702	\$2,263,695	\$1,274,837		
A5120	\$25,000	\$25,000	\$110,000	\$10,000	\$10,000		
A5142	\$325,000	\$400,000	\$400,000	\$400,000	\$350,000		
A5182	\$820,630	\$807,814	\$813,882	\$117,123	\$117,123		
A5410	\$45,000	\$45,000	\$45,000	\$45,000	\$50,000		
A7111	\$1,948,066	\$1,697,808	\$1,457,719	\$1,216,820	\$1,304,189		
A8120	\$1,472,192	\$1,401,155	\$1,837,174	\$1,909,744	\$1,320,386		
A8160	\$5,266,205	\$4,764,021	\$4,634,859	\$3,186,286	\$3,370,725		
A8170	\$1,282,465	\$1,119,006	\$882,561	\$2,653,505	\$2,361,877		
A8560	\$15,000	\$15,000	\$15,000	\$15,000	\$20,000		
TOTAL	\$21,424,209	\$19,383,533	\$18,382,453	\$16,508,861	\$14,753,329		
REVENUE: REFUSE AND GARBAGE CHARGES, A2130	\$6,200,000	\$6,000,000	\$6,700,000	\$0	\$0		





# COMPARISONS OF REFUSE AND GARBAGE CHARGES, BUDGETED AND ACTUAL AND BUDGET ACCOUNT NO. A8160, D.P.W. - SANITATION

Refuse and Garbage Charges		Budgeted	Actual	
	2022	\$6,700,000	\$5,474,667	
	2023	\$6,000,000	\$6,211,065**	
	2024	\$6,200,000		
A8160 D.P.W. – Sanitation*:		Budgeted	Actual	
	2022	\$4,634,859	\$5,507,022	
	2023	\$4,764,021	\$6,008,877**	
	2024	\$5,266,205		

<sup>\*</sup>Does not include capital equipment, fuel, maintenance, and repair of vehicles, etc.

<sup>\*\*</sup>Based on Financial Report for Q4 FY 2023 – includes \$526,885 ARPA Equipment.





#### **ATTACHMENT 3**

COMPARISONS OF REFUSE SUSTAINABILITY FEE METHODOLOGY TO CITY TAX METHODOLOGY FOR FUNDING THE SANITATION SERVICES PROVIDED BY THE D.P.W.





#### Mount Vernon Public Works 2021 – 2024

Comparison of City taxes for median assessed value of 1, 2 and 3 family homes with and without the refuse sustainability fees for the years 2021 (no refuse sustainability fees) - 2024 assuming the Public Works Department Budget would be as per the approved budgets for each of those years.

City tax rate: (Per \$1,000 Assessed Value)	2021		2022		2023		2024	
	\$426.67	\$426.67	\$440.64	\$486.64	\$465.39	\$506.23	\$501.26	\$543.59
	With Fee	Without Fee*	With Fee	Without Fee*	With Fee	Without Fee*	With Fee	Without Fee*
Median								
Assessed Value								
1-family	N/A	\$4,686.97	\$5,040.43	\$5,345.74	\$5,312.31	\$5,560.94	\$5,706.34	\$5,971.34
(\$10,985)								
Refuse fee \$200								
Median								
Assessed Value								
2-family	N/A	\$4,758.65	\$5,314.46	\$5,427.50	\$5,590.49	\$5,645.98	\$5,990.55	\$6,062.66
(\$11,153)								
Refuse fee \$400								
Median								
Assessed Value								
3-family	N/A	\$5,185.75	\$5,955.54	\$5,914.62	\$6,256.35	\$6,152.72	\$6,692.31	\$6,606.79
(\$12,154)								
Refuse fee \$600								

<sup>\*</sup>Without Fee assumes the amount of the refuse fees would be made up by increasing the City Tax Rate sufficiently to cover the budgeted amount of the Refuse Sustainability Fee for the budget year.

Notes:

1 - Family (210): 4299 properties - 4299 Refuse Units

2 - Family (220): 2795 properties - 5590 Refuse Units

3 - Family (230): 1131 properties – <u>3393</u> Refuse Units

13,282 Refuse Units

B. Assessed Value = <u>Full Value</u>

49.75

C. Some 2 and 3 family properties have partial exemption of higher refuse fee.





#### **APPENDIX H**

# SUMMARY OF GARBAGE AND RECYCLABLES COLLECTION COSTS ROCKLAND COUNTY





#### **ATTACHMENT 1**

# ANNUAL RESIDENTIAL 1, 2 AND 3 FAMILY GARBAGE AND RECYCLABLES COSTS ROCKLAND COUNTY (5 TOWNS AND 19 VILLAGED)





# Annual Residential 1, 2 And 3 Family Garbage and Recyclables Collection Costs Rockland County (5 Towns and 19 Village)

	Monthly	Annual
Clarkstown:	\$40.28/mo.	\$483.36 includes bulk
Haverstraw:	\$24.61/mo. – 1 family	\$295.32/yr. – No bulk
	\$30.50/mo. – 2 family	\$366.00/yr. – No bulk
	\$26.50/mo. – 3 family	\$438.00/yr. – No bulk
Orangetown	\$42.22/mo.	\$506.64/yr. – Including bulk
Ramapo	\$43.33/mo.	\$519.96/yr.
Stony Point	\$40.50/mo.	\$486.00/yr.
Airmont	\$51.47/mo.	\$617.64/yr.
Chestnut Ridge	\$31.64/mo.	\$379.68/yr.
Grandview	\$44.71/mo.	\$536.52/yr.
Haverstraw	\$44.57/mo.	\$534.84/yr.
Hillburn		
Kaser		
Montebello	\$42.50/mo.	\$510.00/yr.
New Hempstead	\$50.00/mo.	\$600.00/yr.
New Square		
Nyack		
Piermont		
Pomona		
Sloatsburg	\$38.00/mo.	\$456.00/yr.
South Nyack		
Spring Valley	\$52.50/mo.	\$630.00/yr.
Suffern		
Upper Nyack	\$39.50/mo.	\$474.02/yr.
Wesley Hills	\$50.17/mo.	\$602.04/yr.
West Haverstraw		

<sup>\*</sup>See attached spreadsheet with additional details.





#### **ATTACHMENT 2**

# SPREADSHEET OF HAULERS AND COSTS FOR GARBAGE AND RECYCLABLES COLLECTION – ROCKLAND COUNTY

VILLAGES	Hauler for Garbage	Hauler for Recycling	Curbside/Backdoor	Leaf Collection	Price per Unit per Month
AIRMONT	Carlo Minuto	Carlo Minuto	Back Door	Carlo Minuto	\$51.47
CHESTNUT RIDGE	IWS	IWS	Back Door	IWS	\$31.64 - Village Reimburse dumping costs
GRANDVIEW	Menichetti	Capasso	Back Door	Menichetti	Garbage \$37.06 - Recycling \$7.65 = \$44.71 per unit
HAVERSTRAW	Hiep	Hiep	Curbside	DPW	- \$44.57 for singal Family 2x pickup - \$68.09 for two Family 2x pickup - \$86.78 for 3 family 2x pickup - \$111.42 for mixed use 2x pickup
HILLBURN	DPW	DPW	Curbside	DPW	N/A
KASER	DPW	DPW	Curbside	DPW	N/A
MONTEBELLO	Carlo Minuto	Carlo Minuto	Curbside	Carlo Minuto	\$42.50
NEW HEMPSTEAD	Carlo Minuto	Carlo Minuto	Back Door	Carlo Minuto	\$50.00 for singal Family - \$100.00 for two Family and \$350.00 for Multi Family (3 or more)
NEW SQUARE	DPW	DPW	Curbside	DPW	N/A
NYACK	DPW	Capasso	Curbside	DPW	Recycling \$7.65 per unit
PIERMONT	DPW	Capasso	Curbside	DPW	Recycling \$7.65 per unit
POMONA	IWS	IWS	Curbside	IWS	\$24.09
SLOATSBURG	Carlo Minuto	Carlo Minuto	Curbside	Carlo Minuto	\$38.00 for singal Family - \$76.00 for two Family - \$114.00 for 3 Family - \$152.00 for 4 Family
SOUTH NYACK	Carlo Minuto	Capasso	Curbside	O. Highway/Dpw	\$7.00 for recycling
SPRING VALLEY	Carlo Minuto	Carlo Minuto	Curbside	DPW	\$52.50
SUFFERN	DPW	DPW	Curbside	DPW	N/A
UPPER NYACK	Carlo Minuto	Capasso	Curbside	DPW	Garabge \$32.00 - Recycling \$7.67 = \$39.50
WESLEY HILLS	Marangi	Marangi	Back Door	Marangi	\$50.17 for singal Family - \$100.50 for two Family - \$52.67 for Mixed Use Unit
WEST HAVERSTRAW	DPW	DPW	Curbside	DPW	N/A
TOWNS					
CLARKSTOWN	Hiep, Nazzaro, DeLuca, Minuto, IWS	Capasso	Curbside	Highway/Dpw	\$28.14 for Trash - \$4.47 for Bulk - \$7.67 for recycling - Total \$40.28
HAVERSTRAW	Sterling	Capasso	Curbside	Highway/Dpw	\$5.50 Recycling - Garbage \$19.11 for 1 family - \$25.00 for 2 family - \$31.00 for 3 faimly (Bulk not included as its done by DPW)
ORANGETOWN	Private - DeLuco, Marangi, Hiep	Capasso	Back Door	Highway/Dpw	Garbage \$35.22 (Tax Included) - Recycling \$7.00 = \$42.22 (including Bulk)
RAMAPO	IWS	IWS	Curbside	IWS	\$43.33
STONY POINT	Private - Carlo Minuto & Vignola Carting	Capasso	Curbside	Highway/Dpw	Garabge \$32.85 - Recycling \$7.65 = \$40.50 (Plus Tax)

kup - \$55.71 singal Family 3x pickup - \$80.46 two Family 3x pickup - \$98.65 for 3 Family 3x pickup - \$123.81 mixed use 3x pickup





#### APPENDIX I

#### SOURCES OF REFUSE SUSTAINABILITY FEE (RSF)





#### SOURCES OF THE REFUSE SUSTAINABILITY FEE (RSF)

One Family House (21 O): 4299 houses@ \$200/unit = \$859,800

Two Family House (220): 2795 houses(two units each)@ \$200/unit = \$1,118,000

Three Family House (230): 1131 houses(three units each)@\$200/unit = \$678,600

Total units from one, two and three family houses = 13,282 units @ \$200/unit = \$2,656,400

US Census Report indicates there were 26,260 households in Mount Vernon in 201 O with an average household size of 2.53 people. Deducting the 13,282 units from one, two and three family houses noted above leaves 12,978 other household units@\$200/unit = \$2,595,600

Based on the above the total RSF from households = \$5,252,000

In 2022 the total RSF collected= \$5,474,667 from Financial Report for period ending 12/31/22

In 2023 the total RSF = \$6,211,065 from Financial Report for period ending 12/31 /23

Balance of RSF would come from commercial and institutional properties

It should be noted that another section of US Census Report indicated there were 28,778 households in 2022 although some of the units may have been vacant. 28,778 households @ \$200/unit = \$5,755,600.