

MINUTES OF REGULAR MEETING

JANUARY 10, 2023

The Regular Meeting of the Morris County Municipal Utilities Authority was held on January 10, 2023 at 7:00 p.m. in the First Floor Conference Room at the MCMUA Offices located at 214A Center Grove Road, Randolph, New Jersey in person as well as remotely using conference call software.

Chairwoman Kominos called the meeting to order and read the following:

In accordance with the Open Public Meetings Act, notice of the location, date and time of this meeting was made by posting on the MCMUA website, the Morris County Clerk's bulletin board and the officially designated newspapers for the MCMUA. The meeting may be attended in person or through remote communication in conformance with the directives of the State of New Jersey. Additional notice regarding remote public access is provided at the MCMUA entrance, on its website and in the Daily Record.

Chairwoman Kominos requested a roll call.

PRESENT: Mr. Christopher Dour, Mr. Frank Druetzler, Mr. Michael Guadagno, Mr. William Hudzik, Dr. Arthur Nusbaum, Ms. Laura Szwak and Dr. Dorothea Kominos.

ABSENT: Mr. James Barry.

Also present were Larry Gindoff, Executive Director; Marilyn Regner, Secretary; Brad Carney, Esq., Maraziti Falcon LLP; Michael McAloon, P.E., Suburban Consulting Engineers; Tom Lemanowicz, P.E., Alaimo Engineering; Larry Kaletcher, Treasurer; James Deacon, Solid Waste Coordinator; Anthony Marrone, District Recycling Coordinator; and Tayfun Selen, Freeholder-liaison.

Chairwoman Kominos asked for the Board's approval of the Minutes of the Regular Meeting of December 6, 2022.

MOTION: Mr. Guadagno made a Motion to approve the Minutes of the Regular Meeting of December 6, 2022 and Mr. Hudzik seconded the Motion.

ROLL CALL: AYES: 6 NAYES: NONE ABSTENTIONS: Dr. Kominos

TREASURER'S REPORT:

Mr. Kaletcher presented the Treasurer's Report for the Solid Waste Operating and Water Operating for the month of December 2022. Also included are the Comparative Balance Reports for both the Solid Waste and Water Divisions for the month of December 2022 and an investment report which shows that no new investments were purchased during the month of December 2022. These reports have been incorporated in these Minutes.

Chairwoman Kominos asked the Board for a Motion to accept the Treasurer's Report.

MOTION: Mr. Dour made a Motion to accept the Treasurer's Report and Ms. Szwak seconded the Motion.

ROLL CALL: AYES: 7 NAYES: NONE ABSTENTIONS: NONE

Chairwoman Kominos asked for the Board's approval of the vouchers:

BILL RESOLUTION NO. 2023-001

BE IT HEREBY RESOLVED that the bills as shown on the SCHEDULE OF WARRANTS all having been approved by the Board of officials where legally required, be and the same are hereby paid. The SCHEDULE OF WARRANTS designated as Bill Resolution No. 2023-001 containing 7 pages for a total of **\$3,455,892.19** dated and made a part hereof by reference.

SUMMARY

CHECK NUMBERS

WATER OPERATING FUNDS	6104-6139	\$ 93,614.32
SOLID WASTE OPERATING	13684-13768	\$ <u>3,362,277.87</u>
		\$ 3,455,892.19

CERTIFICATION

I hereby certify that all vouchers listed above have been reviewed and found to be in proper form for payment, and I have compared the SCHEDULE OR WARRANTS to the vouchers for payment and have determined it to be correct.

DATE: January 10, 2023

BOARD CHAIRWOMAN APPROVAL

Dorothea Kominos, Chairwoman

SIGNED: _____
Marilyn Regner, Secretary

TREASURER'S CERTIFICATION

I hereby certify that there are sufficient funds in the appropriations charged, or accounts listed to cover the expenditures included in the SCHEDULE OF WARRANTS dated: January 10, 2023.

DATE: January 10, 2023

Larry Kaletcher, Treasurer

MOTION: Mr. Dour made a Motion that the vouchers be approved for payment and Mr. Hudzik seconded the Motion.

ROLL CALL: AYES: 7 NAYES: NONE ABSTENTIONS: NONE

CORRESPONDENCE:

Mr. Gindoff mentioned a few additional pieces of correspondence. One was the response email from Mayor Sam Morris regarding the arrearage that Mine Hill still owes the MUA for water. We will be providing a response in respect to this and will be working with Mike McAloon in preparing the response that addresses some of the issues mentioned in his email. Also this afternoon a letter was received from Pasquale Mascaro of Mascaro & Sons regarding a letter that was in the original correspondence about some issues we're having with an injury that happened in some of the drains at the Parsippany Transfer Station. We are meeting tomorrow at 10:00 a.m. at the Parsippany Transfer Station with their representatives to discuss solutions with regard to this matter.

CORRESPONDENCE:

WATER

1. Letter dated January 4, 2023 to Ms. Jacquelyn Suarez, Director, Division of Local Government Services, from Michael McAloon, P.E., Suburban Consulting Engineers, Inc., regarding Township of Mine Hill's Water Billings Outstanding Balance.

SOLID WASTE

2. Resolution No. 22-272 from Township of Jefferson dated December 14, 2022 disapproving the Modification Request To The Morris County Solid Waste Management Plan For Jefferson Recycling LLC, To Expand Its Class B Recycling Permit To Include The Additional Processing of Tires.
3. Letter dated January 5, 2023 to Mr. Pasquale N. Mascaro, J.P. Mascaro & Sons, from Larry Gindoff, regarding Maintenance and Safety Issues Related to 2020 Contract between the Morris County M.U.A. and Solid Waste Services, Inc. D/B/A J.P. Mascaro & Sons.

RECYCLING

4. Recycling Report Supplement – December 2022.

ENGINEER'S REPORT:

Mr. McAloon reported the following: (1) Happy to report that we sold just shy of 1.6 billion gallons of water last year, which was much higher than anticipated as part of our budget planning process. It was a very strong year in terms of water sales mostly related to the warm dry periods throughout the summer months, as well as assisting some of our neighboring customers.; (2) Suburban has performed the Farley Waterworks biennial certification and inspection. Happy to report that the environmental controls are intact and remain protective of human health and the environment. The next one is due in 2024.; (3) We sent formal correspondence to Mine Hill, as well as the Division of Local Government Services, in an attempt to resolve the water billings outstanding balance. We are working on a response to the email received from Mine Hill.; (4) Additionally, a meeting was held last Friday to review a manhole frame and cover on the 24" transmission main at Sussex Turnpike and Washington Valley Road. We developed a game plan with Emergency and On-Call Contractor John Garcia and he is in the process of securing the necessary materials.; (5) The Pole Barn construction has commenced. The Contractor mobilized at the site on Monday and is beginning layout and preparation for excavation and subsurface foundation. While it is a little bit of a later start than initially reported, the Contractor feels confident they will be able to complete the work within the overall project schedule.; (6) There was an internal meeting to review the draft water supply agreement between MCMUA and Mt. Arlington. Once we are all accepting of the update, we will distribute and circulate to Mt. Arlington for execution, and finally, the contracts were sent to DeMaio Electric for Flanders Valley Wells #1 and #2 Electrical Improvements. They have been signed and returned in the mail. Upon receipt, will get them to the MUA for final signature and then schedule a Pre-Construction meeting and get the project commenced, as some of the equipment has a pretty long lead time and it is critical to maintain overall schedule.

Mr. McAloon asked for the Board's approval of the following Resolutions:

Resolution No. 2023-002

**Resolution Of The Morris County Municipal Utilities Authority Authorizing
The Use of A State Purchasing Contract For Nielsen Ford**

WHEREAS, the Morris County Municipal Utilities Authority, pursuant to N.J.S.A. 40A:11-12 and N.J.A.C. 5:34-7.29 et seq. may, by Resolution and without advertising for bids, purchase any goods or services through the State of New Jersey Cooperative Purchasing program which has been approved by the Director of the Division of Local Government Services; and

WHEREAS, the MCMUA has the need on a timely basis to purchase goods or services utilizing State contracts; and

WHEREAS, the MCMUA intends to enter into contracts with the following Referenced State Contract Vendor through this resolution and a properly executed contract, which shall be subject to all conditions applicable to the current State contracts;

Nielsen Ford - A88214 Ford F-450 DRW \$74,427.00 02-6-300-800-152

NOW, THEREFORE, BE IT RESOLVED, that the MCMUA authorizes the Qualified Purchasing Agent to purchase certain goods or services from Nielsen Ford, an approved New Jersey State Contract Vendor on the attached list, subject to all conditions of the individual State contract; in an amount not to exceed \$74,427.00; and

BE IT FURTHERED RESOLVED by the MCMUA pursuant to N.J.A.C. 5:30-5.5(b), that the certification of available funds, shall either certify the full maximum amount against the budget at the time the contract is awarded, or no contract amount shall be chargeable or certified until such time as the goods or services are ordered or otherwise called for prior to placing the order, and a certification of availability of funds is made by the Treasurer; and

BE IT FURTHER RESOLVED, that the duration of the contracts between the MCMUA and the Referenced State Contract Vendors shall be from **January 10, 2023 to December 31, 2023**.

This Resolution shall take effect immediately.

CERTIFICATION

I hereby certify that the foregoing Resolution was adopted by the Morris County Municipal Utilities Authority at the Regular Meeting held on January 10, 2023.

MORRIS COUNTY MUNICIPAL
UTILITIES AUTHORITY

By: _____
Dorothea Kominos, Chairwoman

ATTEST:

Marilyn Regner, Secretary

MOTION: Mr. Guadagno made a Motion to Authorize Use Of A State Purchasing Contract For Nielsen Ford and Mr. Dour seconded the Motion.

Ms. Szwak questioned the cost and Mr. Gindoff explained that this is a big 450 Pickup Truck Body that is being turned into a Mason Dump Truck.

ROLL CALL: AYES: 7 NAYES: NONE ABSTENTIONS: NONE

**Resolution No. 2023-003
Resolution Of The Morris County Municipal Utilities Authority Authorizing The Purchase Of One (1) Back-Hoe Through The Sourcewell Cooperative Pricing System #032119-Cnh-2 Purchasing Contract For 2023**

WHEREAS, the Morris County Municipal Utilities Authority (MCMUA) is authorized by N.J.S.A. 52:34-6.2 to make purchases and contracts for services through the use of a nationally-recognized and accepted cooperative purchasing agreement that has been developed utilizing a competitive bidding process by another contracting unit within the State of New

Jersey, or within any other state, and further provided that the contracting unit has made a determination that the use of a cooperative purchasing agreement will result in cost savings after all factors have been considered; and

WHEREAS, the Qualified Purchasing Agent (QPA) for the MCMUA has determined that the Sourcewell Cooperative Purchasing Program (Sourcewell) is a nationally-recognized and accepted cooperative purchasing system and agreement that has been developed utilizing a competitive bidding process by another contracting unit, as it is a service cooperative created by the Minnesota legislature as a local unit of government. Minn. Const. art. XII, sec. 3. As a public corporation and agency, Sourcewell is governed by local elected municipal officials and school board members. Minn. Stat. § 123A.21 Subd. 4 (2017); and

WHEREAS, the MCMUA QPA has further determined that Sourcewell utilizes a cooperative purchasing system and agreement that complies with the competitive bidding process set forth in the Local Public Contracts Law at N.J.S.A. 40A:11-1 et seq., and meets the criteria of the New Jersey pay-to-play law at N.J.S.A. 19:44A-20.7; and

WHEREAS, Sourcewell has advertised and awarded cooperative purchasing agreements for a variety of goods and equipment, including a Back-Hoe; and

WHEREAS, on December 21, 2022, the Morris County Municipal Utilities Authority publicly advertised a Notice of Intent to Award a Contract for the purchase of one (1) Back-Hoe through the Sourcewell Cooperative Purchasing Program under a National Cooperative Purchasing Agreement. The associated public comment period ended on January 9, 2023 and no comments were received; and

WHEREAS, through the Sourcewell Cooperative Purchasing Program, the purchase of one (1) Back-Hoe is available for purchase through New Holland Construction (authorized dealer: Smith Tractor & Equipment, Inc.) in the total amount of \$106,925.85.; and

WHEREAS, a cost savings analysis was done by the MCMUA QPA and it was determined that the MCMUA would save \$21,565.15 by obtaining the Back-Hoe from the Sourcewell Cooperative Purchasing Program; and

WHEREAS, all required documentation, including, New Jersey Business Registration Certificate; Statement of Corporate Ownership; Public Contract EEO Compliance Form (Affirmative Action) and Non-collusion Affidavit has been obtained from the vendor in accordance with New Jersey Local Public Contracts Law; and

WHEREAS, in lieu of a separate certification of funds, the maximum dollar value of this contract is \$106,925.85 as per N.J.A.C. 5:30-5.4(a) 3; and

WHEREAS, the funding for this purchase shall come from account #02-6-600-602-325.

NOW THEREFORE BE IT RESOLVED by the Morris County Municipal Utilities Authority, in the County of Morris, State of New Jersey, that it does hereby authorize the award of contract through the Sourcewell Cooperative Purchasing Program for the purchase of one (1) Back-Hoe in the amount of \$106,925.85.

This Resolution shall take effect as provided by law.

CERTIFICATION

I hereby certify that the foregoing Resolution was adopted by the Morris County Municipal Utilities Authority at the Regular Meeting held on January 10, 2023.

MORRIS COUNTY MUNICIPAL
UTILITIES AUTHORITY

By: _____
Dorothea Kominos, Chairwoman

ATTEST:

Marilyn Regner, Secretary

MOTION: Mr. Druetzler made a Motion to Authorize Purchase Of One (1) Back-Hoe Through The Sourcewell Cooperative Pricing System #032119-Cnh-2 Purchasing Contract For 2023 and Mr. Guadagno seconded the Motion.

ROLL CALL: AYES: 7 NAYES: NONE ABSTENTIONS: NONE

Mr. Druetzler questioned that all Water Companies have unaccounted water. What is the normal percentage of unaccounted water that a water company would have? Mr. McAloon replied that the State wants to see you less than 20% and there are systems in this region that are significantly higher than 20% and there are some systems that have it pretty tight and they are seeing 8-15%. That is a very tight system. Mr. Druetzler asked do we know what Mine Hill’s is? Mr. McAloon replied that he does not know because we have not been privy to the information of their meter records. Mr. Druetzler asked how the MUA’s unaccounted water is and Mr. McAloon replied that it is pretty low due to the fact that we are a bulk wholesaler.

Ms. Szwak asked if Randolph approved the building permit for the Pole Barn and Mr. McAloon replied yes; the Contractor picked up the permits the week of December 19.

ENGINEER’S REPORT:

PROJECT STATUS

1. General System:

- A. Through 2022, MCMUA sold approximately 1593.4 MG. This volume is higher than anticipated as part of the budget planning process and is mostly related to warm and dry periods throughout the summer months which occurred. Additionally, several water systems required additional volumes of water necessary to meet system demands during critical periods throughout the year, such as Denville during a tank rehabilitation project, Wharton during SCADA improvements, Jefferson, and Mt. Arlington.
- B. The Farley Waterworks property (1 Mill Pond Road, Roxbury Twp) has a deed notice and remedial action permit associated with soil impacts on the property. The permit requires the retention of an LSRP and biennial certification reports every 2 years to ensure the deed notice engineering controls are intact and remain protective of human health and the environment. SCE inspected the property and prepared and submitted a biennial certification for 2022. No issues were encountered. The next biennial certification is due in 2024.
- C. Formal correspondence to Mine Hill and the Division of Local Government Services has been distributed in attempts to resolve the Water Billings outstanding balance of approximately \$388,693.13.
- D. Morris County Road Department notified the MCMUA that a manhole frame and cover on the 24-inch Sussex Turnpike Transmission main required correction. A field meeting

to review this location and develop a proposed correction plan has been scheduled for January 6, 2023.

2. Well No. 7 Pole Barn

The Contractor has received and picked-up the building periods the week of December 19, 2022. The Contractor is awaiting the final fabrication and delivery dates for the proposed roof trusses which are anticipated around January 13, 2023. The Contractor plans on starting the site work once the trusses are received. Depending on the weather, project completion within schedule is anticipated.

Project Completion Summary Through January 10, 2023

Contract Start Date	October 24, 2022
Original Contract Completion Time	180 Calendar Days
Days Elapsed:	81 45%
Days Remaining:	99 55%
Original Contract Completion Date	April 23, 2023

Project Financial Summary Through January 10, 2023

Original Contract Amount	\$323,229.00
Current Contract Amount	\$323,229.00
Total Value of Work Complete	\$0.00
Percent of Work Complete	0.00%
Total Retainage to Date	\$0.00

3. Mt. Arlington Water Supply Agreement

An internal meeting has been scheduled to review the draft water supply agreement. Once acceptable, this will be circulated to Mt. Arlington for their execution.

4. Flanders Valley #1 and #2 Electrical Upgrades

Contracts have been sent to **DeMaio Electrical Co. Inc.** for signatures and execution. It is anticipated they will be processed and returned to MCMUA in the near future. The pre-construction meeting will be scheduled and the project will commence. This equipment has long lead time and it is critical to maintain the overall project schedule.

SOLID, HAZARDOUS & VEGETATIVE WASTE REPORT:

Mr. Deacon provided the following highlights: (1) Thank you to our Transfer Station team, our weighmasters, tipping floor inspectors and our Managers, as well as Anita and Shana from the office for taking the phone calls and questions all year. 2022 involved a lot of early starts and long days assisting with the overall maintenance and operations of both stations. Also, thank you to J.P. Mascaro and their Staff and their management for another good year managing the increased volumes of solid waste for both transfer stations.; (2) MCMUA will be meeting with representatives from Burlington County on Thursday to review our Paradigm system, which is our transfer station scale system. Anita will be providing an overview at the Main Office and then they will go to the Parsippany Transfer Station to show them Paradigm in real time inside the scalehouse.; (3) Engineering updates will be handled by Tom Lemanowicz tonight.; (4) Staff, Engineers, Mascaro and Alaimo will be meeting tomorrow at the Parsippany Transfer Station to review the trench drains and the incident that occurred on the 30th.; (5) Regarding the HHW Program, Managers will be meeting with Marc Kodrowski, our lead with MXI, in Riverdale to review a potential site for a one-day event. The MUA will rely on MXI to give the overall approval on the footprint whether the site will work or not. Either way the MUA is looking to hold an event in the northern section of Morris County and in the past Pequannock Valley Park has worked very well for us.; and (6) Provided HHW Stats for 2022. Big numbers at the facility. (7) Regarding Vegetative Waste, while December 2021 had more leaves than December 2022, that large quantity in 2021

wasn't enough to keep 2022 from continuing to be a larger revenue generator than 2021 by around \$21,000. Thank you to Harry, Keith, Jeff and Jaime for all their hard work at our composting facilities.

Mr. Lemanowicz updated the Board on the following: (1) The tipping floor project at the Mt. Olive Transfer Station is complete. We have a payment in for No. 3, which includes a Change Order in to basically clean up some of the quantities and the job came in at 3/10ths of one percent over budget. We are still holding the retainage on the project. We were made aware of a situation with the trench grates. There is some spalling going on at the bolts that hold the frames into the trench grates that are interfering with the concrete, so the Contractor is aware of that and he is bringing in the subcontractor for the coating and we will resolve that matter.; (2) We will be meeting at the Parsippany Transfer Station tomorrow to go over the situation of the trench grates. These grates were aircraft quality and it will be interested to see why Mascaro thinks they came apart. The other item at Parsippany is the freestanding wall at the north side. A report has been prepared from Alaimo's structural department and that should be released by Monday. The report for the general conditions was also released over the weekend. This report was our second quarterly review for the status of the Parsippany facility.; and (3) Regarding the water and sewer connection, the meter is running at Mt. Olive. We are doing this to determine water usage which goes to compute the sanitary connection fee that we are trying to work with Mt. Olive to get water and sewer to the facility. These numbers will be reviewed to see if we could do better by using actual numbers than NJDEP standards for that particular use.

Mr. Deacon asked for the Board's approval of the following Resolution:

Resolution No. 2023-004
Resolution Authorizing Change Order No. 2 For The MCMUA Mount Olive Transfer Station Tipping Floor Restoration Project

WHEREAS, pursuant to Resolution No. 22-045, the Morris County Municipal Utilities Authority (hereinafter the "Authority") authorized the award of the Authority's "Mount Olive Transfer Station Tipping Floor Restoration Project – Contract 2021-1" (the "Contract") to Persistent Construction, Inc., having a business address of 58 Industrial Avenue, Fairview, NJ 07022 (hereinafter "Persistent Construction") in the bid amount of \$1,961,485.00; and

WHEREAS, after the full execution of the Contract and the issuance of the Performance Bond and certificates of insurance, the Notice to Proceed was issued to Persistent Construction on September 17, 2022, and became effective September 19, 2022; and

WHEREAS, on November 7, 2022 the Authority adopted Resolution Number 22-094 authorizing execution of Change Order No. 1 in the amount of \$14,390.00 for changes in the work resulting from design changes which included no time extensions; and

WHEREAS, during the completion of the work, it was determined that nine (9) of the sixteen (16) bollards scheduled for replacement were in serviceable condition, only requiring refurbishment; and

WHEREAS, the contract had already had all bollard materials on site and MCMUA staff desired to retain the materials for future bollard replacements as the need arose; and

WHEREAS, it was noted that three (3) additional bollards on site were in need of refurbishment; and

WHEREAS, the Contractor, Persistent Construction, has submitted Change Order No. 2, to include a decrease in the contract amount of \$8,865.00 to facilitate the contract modifications related to the bollards; and

WHEREAS, the approval of Change Order No. 2 and will decrease the contract amount by \$8,865.00, resulting in a final net increase in the total contract amount of \$5,525.00 (0.3%) to \$1,967,010.00 with the inclusion of Change Order No. 1; and

WHEREAS, in correspondence dated December 28, 2022 to the Authority's Executive Director, the Authority's Solid Waste Engineer, the Alaimo Group recommends approval of Change Order No. 2 as presented by Persistent Construction, Inc. for a credit in the total amount of \$8,865.00 and no time extension; and

NOW, THEREFORE, BE IT RESOLVED by the Morris County Municipal Utilities Authority in the County of Morris and the State of New Jersey on the 10th day of January, 2023 as follows:

1. The Authority approves and authorizes the Executive Director to execute Change Order No. 2, copy attached, which provides for a credit in the amount of \$8,865.00 for changes in the work resulting from design changes.
2. Change Order No. 2 specifically excludes an extension of the contract time.
3. The Authority's staff and consultants are authorized to take all actions necessary to effectuate this Resolution.
4. This Resolution shall take effect as provided by law.

CERTIFICATION

I hereby certify that the foregoing Resolution was adopted by the Morris County Municipal Utilities Authority at the Regular Meeting held on January 10, 2023.

MORRIS COUNTY MUNICIPAL
UTILITIES AUTHORITY

By: _____
Dorothea Kominos, Chairwoman

ATTEST:

Marilyn Regner, Secretary

MOTION: Mr. Hudzik made a Motion to authorize Change Order No. 2 For The Mount Olive Transfer Station Tipping Floor Restoration Project and Mr. Druetzler seconded the Motion.

ROLL CALL: AYES: 7 NAYES: NONE ABSTENTIONS: NONE

SOLID, HAZARDOUS AND VEGETATIVE WASTE REPORT:

GENERAL ADMINISTRATIVE MATTERS

MCMUA Right to Know (RTK) Central Files- The MCMUA staff has started collecting information to update and complete the 2022 New Jersey Department of Health (NJDOH) Right to Know (RTK) Central Files and related RTK surveys for all MCMUA facilities/site locations. The deadline for the 2022 survey submissions is July 15, 2023. The MCMUA is no longer required to send a copy of the completed surveys to the respective County Lead Agency, the local health departments, local fire and police departments or the Local Emergency Planning Committee because these agencies will be able to access our surveys online. All RTK posters (both English and Spanish) are currently up and filled out with the correct contact information, all the related Safety Data Sheets (SDS's) will be up to date and in good order, RTK handouts are already available for employees at every location, and our facility RTK Central File Binders are all mounted and visible for inspectors. When all the surveys are completed, an informational e-mail on everything mentioned above will be sent to the Morris County Division of Public Health, serving as Morris County's Lead Agency.

TRANSFER STATIONS

Tonnage- The 37,769 tons accepted at the two (2) MCMUA transfer stations in December 2022 was 5.63% less than the 40,052 tons accepted in December 2021, one year ago. Likewise, 2022 tailed off a bit exhibiting a 5.14% decrease in the 4th quarter tonnage accepted in 2022 compared to the 4th quarter of 2021. For the entire year of 2022, disposal tonnage came in at 471,643 tons which represents a 1.27% increase over the 465,745 tons accepted for all of 2021. Finally, 2022 tonnage was the largest amount generated by Morris County since the pre-recession days of 2007 when 475,568 tons were accepted for all of 2007. Please refer to the attached Transfer Station Disposal Report by Month and the comparison stats below for additional information.

December Comparison Statistics:

Mount Olive Transfer Station:

Inbound Tonnage- 14,180- 686 less than 2021
Total Customers- 3,363- 297 less than 2021
Self-Generated/Residential Customers- 647- 23 less than 2021

Parsippany-Troy Hills Transfer Station:

Inbound Tonnage- 23,615- 1,571 less than 2021
Total Customers- 5,160- 514 less than 2021
Self-Generated/Residential Customers- 376- 18 more than 2021

Note: December of 2021, both transfer stations were still experiencing increased volumes due to the Statewide solid waste emergency and results from Hurricane Ida.

2021-2022 Comparison Statistics:

Mount Olive Transfer Station:

Inbound Tonnage- 2021- 173,871, 2022- 169,723= 4,147 less Tons this year
Total Customers- 2021- 43,376, 2022- 43,651= 251 more Customers this year
Self-Generated/Residential Customers- 2021- 9,095, 2022- 8,905= 190 less Customers this year

Parsippany-Troy Hills Transfer Station:

Inbound Tonnage- 2021- 291,873, 2022- 301,922= 10,049 more Tons this year
Total Customers- 2021- 63,149, 2022- 67,076= 3,927 more Customers this year
Self-Generated/Residential Customers- 2021- 4,733, 2022- 4,457= 276 less Customers this year

Transfer Station Site Improvements- The new J.P. Mascaro and Sons onsite Manager for the Parsippany-Troy Hills transfer station, Mr. Brent Fulin, started on Tuesday, January 4. Mascaro continues to work hard in keeping up with recent heavy equipment issues and routine services, especially at our Parsippany facility. MCMUA staff is also working with Mascaro Managers on updating posted safety related information for 2023.

Solid Waste Professional Engineering Services- With the water line leak eliminated, improvements completed in-house and by a licensed plumber, and the water meter now in place within the well pump area, MCMUA Transfer Station Manger Justin Doyle is sending Alaimo Senior Project Engineer Mr. Jim Hampson weekly water usage data every Monday morning. This is part of the ongoing project between the MCMUA staff and Alaimo for the public water/sewer connection assessment for the Mount Olive transfer station. The spreadsheet provided includes daily readings, and/or gallons used per day, and whether or not Mascaro washed the tipping floor or not. It also details the topping off of the 55,000 gallon fire water tank for accurate usage to provide to the Town.

MCMUA staff completed and submitted both formal written Emergency Action Plans (EAP's) for both the Household Hazardous Waste (HHW)/Very Small Quality Generator (VSQG) facility and the Mount Olive transfer station to Alaimo Architect Mr. Colin McLain, as part of Phase #2 of this project. Mr. McLain must now review and add the "Alaimo Engineering- Life Safety and Egress Maps" to the Appendix (attachment) sections of the respective documents. MCMUA staff intends on completing the EAP for our Parsippany-Troy Hills transfer station in the month of January for submission to Mr. McLain. Once all three (3) are finalized by Alaimo, the EAP's

will be posted throughout our solid waste facilities and be shared with our County and Local Emergency Management divisions.

MCMUA Mount Olive transfer station tipping floor and trench drain improvement project to include the repairs to the main tipping floor, utilizing a fast-curing EUCO-Top by Euclid Chemical Corp, repairs to the heavily damaged trench drain system, and some alterations to the observation deck near the loading pits. **Project Highlights/Project Closeout:**

- November 1, the entire tipping floor at the Mount Olive transfer was back to full operations; November 17 and 18, Persistent Construction and their subcontractor ABBA Metal Works, Inc. completed the steel work on the observation deck railings and galvanized steel mesh, along with the protection plates on the observation deck and corner wall near the pump room man door; before November 21, final clean up and punch list items occurred.
- The MCMUA Solid Waste Managers are pleased with the result at Mount Olive and will continue to track the wear-and-tear of the EUCO-Top vs. using concrete for future projects concerning the tip floors. MCMUA Transfer Station Manager Justin Doyle continues to monitor and assist J.P. Mascaro and Sons with the routine cleaning and maintenance of the new trench drains.
- Updates and details on payment(s) and Change Order #2 related to tipping floor project in Mount Olive will be provided to the Board at the January 10 meeting by Alaimo Project Manager/Solid Waste Engineer, Mr. Thomas Lemanowicz. Change Order #2 will provide a minor credit to the MCMUA for some bollard work and usage which was modified after the project began.

SOLID WASTE MANAGEMENT PLAN

Jefferson Recycling, LLC- Potential Plan Modification- MCMUA staff received Resolution #22-272 from the Township of Jefferson on December 16 concerning Jefferson Recycling, LLC., located at 710 Route 15 North in Jefferson. A copy of this Resolution has been attached as correspondence for the January 10 Board meeting. The Township disapproved the request for modification, having some issues concerning the site plan that was submitted. This document was forwarded the same day it was received to Mr. George D. Cascino of Cascino Engineer, representing Jefferson Recycling, LLC. making him and his client aware of the information still needed for a more favorable Resolution. The MCMUA would like the Township to agree before moving forward with the AA request to the NJDEP. Jefferson Recycling continues to be a quality class B facility and outlet for specific materials for our County residents and commercial businesses.

HOUSEHOLD HAZARDOUS WASTE (HHW) MANAGEMENT

Program Participation- In December of 2022, the permanent household hazardous waste facility (HHWF) located at the MCMUA Mount Olive transfer station had a total of 240 serviced appointments, which included 215 Morris County residents, 7 VSQG/small businesses, and 18 out-of-County residents. The final 2022 MCMUA HHW facility totals equal 2,643 serviced appointments, 2,364 of those appointments being Morris County residents, 57 VSQG's/small businesses, and 222 non-Morris County residents.

The new contract with MXI Environmental Services, LLC. for running the MCMUA Household Hazardous Waste (HHW) permanent facility and the HHW one-day drop off events officially started on Tuesday, January 2, 2023. As a reminder for the Board, the new handling at the permanent facility is \$1.29 per pound, an increase of \$0.30 per pound; the price per vehicle at the HHW one-day drop-off events is now \$43.99, an increase of \$11.00 per vehicle.

MCMUA Hazardous and Vegetative Waste Manager Stephen Adams hosted the first in-house HHW training event on Thursday, December 22, 2022. This training was held in the conference room of the Mount Olive transfer station with MCMUA staff that either supervise the HHW permanent facility on days that are open to customers and/or participate in our HHW one-day drop-off events. This PowerPoint presentation was developed by Stephen Adams and was based on general safety- physical and chemical hazards- present at the facility and drop-off events. Moving forward, these in-house trainings will be held with this small group twice a year, to keep

everyone fresh and involved with the HHW program. Overviews of the facility, related equipment, different procedures, lessons learned, or suggestions from the group on topics they need practice/training on, are just a few topics slated for future training events.

VEGETATIVE WASTE MANAGEMENT

During the month of December, both vegetative waste facilities quickly neared capacity with leaves delivered by towns and landscapers. Currently both facilities are now rearranging materials onsite to adjust after the sudden shift in volume. This includes the anticipation of inbound Christmas trees which we should be seeing soon. In conjunction with those efforts, MCMUA Mount Olive Compost Supervisor Harry Dry has made significant efforts to reorganize and clean the class B area of his facility, where the MCMUA processes logs and tree parts. Supervisor Dry has also begun (and made progress with) clearing and resurfacing the fire access road which leads from the main entrance to that part of the facility.

The vegetative waste program also took an opportunity to collaborate with staff from our Curbside Recycling division to deliver a charitable load of screened compost to the Community Garden located on Mount Pleasant Road in Mendham Township. This garden is organized by a student-run non-profit (The Sharing Project) which has harvested thousands of pounds of produce over the years for needy families in the area. They have recently expanded their beds to a total of twenty (20) and will use MCMUA compost to expand their charitable efforts next season. Additional vegetative waste flow information can be found in the Vegetative Waste Report, which will be provided to the MCMUA Board for the January 10 meeting.

RECYCLING REPORT:

Mr. Marrone reported the following:

Regarding the pricing for Single-Stream Recycling at Republic Services, the finalized rate for the Month of December 2022 was calculated to be -\$83.73/ton on 1,510.79 Tons delivered. This is an overall positive increase of \$0.74 per ton from the November rate, which slightly reduced the overall recycling charge to the MUA rate from Republic Services. However, as recycling numbers are typically heightened in December and have held to this claim last month, recycling has increased by 224.35 tons from November, leading us farther into the red from last month's bill.

Providing an overview of recycling markets for December, all material categories remained stable in terms of pricing from the mentioned numbers. In contrast, inflation continues to play a

crucial role in weakening recycled content markets, further slowing demand for materials made from recycled content at a time of the year that typically boosts market pricing. While consumers continued to spend money on commodities during the holiday season to support markets, it was only enough to help steady markets and halt their further decline In December. As a result, this holiday season did not allow for the recovery of these markets.

Recycled Content Markets Outlook for 2023:

Moving into the new year, the question is whether recycled content markets will continue to show their instability and pricing downfall or will they remain stable and rebound. Some points to consider for this: Regarding fuel pricing, higher energy costs are related to higher inflation in the economy, leading to less purchasing power and negatively impacting the price of recycled materials. Another is concerning exported materials, US ports still possess congestion delays along with some of the highest charges in the world, increasing the price and lessening the demand for these goods in international markets. Alternatively, some hope exists in the US recycling sector, which has slightly increased demand from domestic sources, helping to fill the gap left by declining exports gradually. While the pricing outlook on how these markets will play out is still being determined, some estimates show that pricing for these commodities will climb slightly for the fiber, plastics, and metals markets. More detailed explanations were provided in this month's report for further clarification, so I encourage you to look at those if you have not done so already.

Regarding Projects for the Recycling Division:

MCMUA Public Recycling Education, Virtual Tour of Republic Services:

- On December 14, 2022, the Recycling Administrative Staff provided an additional opportunity for recycling education open to New Jersey recycling professionals and municipal representatives.
 - The educational session featured a showing of our in-house and pre-recorded virtual tour of Republic Services' Class A MRF in Mine Hill, followed by a question-and-answer period with Eric Gabrielson, Operations Manager for Republic Services.
 - The session had over 70 individuals signed on to view the tour and was well received by those in attendance, allowing them to comply with their respective municipalities' tonnage grant requirements.
 - A number of these were Morris County Municipal officials
 - Looking to the future, the next showing of the tour will be open to the general public on January 18, 2022, at 6 PM.
 - At that time, the MCMUA will offer a virtual recycling roundtable open to the public featuring a recycling educational PowerPoint showing acceptable and unacceptable materials with explanations of what goes where and the services the MCMUA offers in addition to the tour and question and answer period.
 - Many of our municipal recycling coordinators report a heightened interest in this opportunity with residents to attend this webinar
 - Also, a solicitation ran in the County of Morris newsletter last week and was reported to have heavy web flow traffic on the landing page created for the event.
 - So, hopefully, our MUA website will not crash due to everyone clamoring to log on for the event, and I hope to see you all logged in at that time.
 - The webinar link to join will be available at the top of the www.MCMUA.com website on the day of the webinar.

Borough of Chatham, MCMUA Tag-It and Leave-It Inspection Planning:

- In December, the Recycling Administrative Staff met with the Municipal Recycling Coordinator (MRC) for the Borough of Chatham, Kevin Loria, on several occasions to implement a townwide Tag-it and Leave-it inspection campaign for 2023.

- During those times, the MCMUA provided recycling education and information to Loria to aid in the creation of a recycling training module for his DPW and the Borough's other municipal departments and commissions to assist with the distribution of education leading up to the start of the campaign.
- The MCMUA also provided Loria with suggestions and changes for the recycling section of the municipal website, which will be completed before the beginning of the campaign, and the MCMUA will purchase an informational signboard at the Borough's recycling depot, as it is open year-round to the public and unmanned six days a week to assist with education at the site.
- The MCMUA is planning for a tentative date of Friday, April 14, 2023, to kick off the campaign.
- The Borough has recycling collected curbside every week, so the inspections should be completed over one month.
 - The first week of inspections will include residential locations south of the Morris & Essex Division Main Rail Line.
 - The second week of inspections will consist of residential areas north of the Morris & Essex Division Main Line.
 - The third week will include all commercial, municipal, and hot spot locations where we collect material.
 - The fourth and final week will involve a reinspection of properties tagged during the previous three weeks.

MCMUA Boat Shrink Wrap Recycling Stewardship Efforts:

In December 2022, I was contacted along with the 20 other county recycling coordinators for New Jersey by the NJDEP to assess current statewide efforts to recycle boat shrink wrap and potential interest in fostering new programs for implementation.

- The consensus amongst coordinators is that many locations ceased collections approximately five years ago when their programs were no longer grant-supported, and a lack of recycling outlets forced their termination.
- With interest in a program being shown as of late, the MCMUA and other partner agencies and organizations are currently working out the specifics of funding and operations for a program to recycle this material for the upcoming season.
- A possible solution proposed by the MCMUA exists with the Lake Hopatcong Foundation administering a program funded through an upfront fee collected during winterization with participating marinas with a centralized and approved location for storing the collected shrink wrap.
- The price would have to be assessed but would have to be enough to cover the transportation of the material to a recycling facility in South Jersey for recycling.
- At this time, discussions are still being performed on the project's feasibility.

MCMUA Recycling Public Outreach Educational Materials:

Lastly, in December 2022, the Recycling Administrative Staff completed work on several educational materials for implementation with its curbside recycling collection outreach operations, and images of these were attached to my supplemental report. These are:

- Bilingual recycling educational decals in Spanish with photographic aids in our contract municipalities for MCMUA containers, dumpsters, and residential containers.
- No plastic bag stickers to be applied to bagged recyclables set out for curbside collection by our curbside recycling operations staff, recycling administrative staff, and contract municipalities performing inspections.

- Revised Tag-it and Leave-it inspection tags which consider changes needed following our Long Hill Township inspections. This double-sided tag features items that were observed to be out of compliance, and the reverse side reinforces positive recycling habits by showing what is acceptable curbside.
- Other educational materials we are working on this month include a simplified recycling educational infographic card, recycling education door hangers for multifamily complexes, and updated user guides for our multi-family complex recycling apartment bags. These materials will also be translated into Spanish courtesy of the Morris County Division of Public Health which assisted with the container decals this month. This information will be included in next month's supplemental report.

Mr. Marrone asked for the Board's approval of the following Resolutions:

Resolution No. 2023-005

Resolution Of The Morris County Municipal Utilities Authority Authorizing The Use Of ESCNJ Cooperative Pricing System - #65MCESCCPS Purchasing Contract For International

WHEREAS, MCMUA is a party to a cooperative purchasing agreement with the Educational Services Commission of New Jersey Cooperative Pricing System, a cooperative purchasing program organized pursuant to the Local Public Contracts Law, N.J.S.A. 40A:11-10; and

WHEREAS, the MCMUA, pursuant to N.J.S.A. 40A:11-10 and N.J.A.C. 5:34-7.1 et seq. may, by Resolution and without advertising for bids, purchase any goods or services through the Educational Services Commission of New Jersey Cooperative Pricing System "ESCNJ Cooperative Pricing System", which has been approved by the Director of the Division of Local Government Services; and

WHEREAS, the MCMUA has a need to purchase, on a timely basis, goods or services utilizing the ESCNJ Cooperative Pricing System contracts; and

WHEREAS, the MCMUA intends to enter into contracts with the following Referenced ESCNJ Cooperative Pricing System Vendors through this resolution and properly executed contracts, which shall be subject to all conditions applicable to the current ESCNJ Cooperative Pricing System contracts;

International At Northern NJ LLC	(2) Rear Loader HX620 SBA	\$153,406.28 (each.)	01-3-300-800-151
Contract #20/21-55		\$306,812.46 (total)	

NOW, THEREFORE, BE IT RESOLVED, that the MCMUA authorizes the Qualified Purchasing Agent to purchase certain goods or services from those approved ESCNJ Cooperative Pricing System Vendors on the afore mentioned list, pursuant to all conditions of the individual ESCNJ Cooperative Pricing System contracts; and

BE IT FURTHERED RESOLVED; that the governing body of the MCMUA pursuant to N.J.A.C. 5:30-5.5(b), the certification of available funds, shall either certify the full maximum amount against the budget at the time the contract is awarded, or no contract amount shall be chargeable or certified until such time as the goods or services are ordered or otherwise called for prior to placing the order, and a certification of availability of funds is made by the Treasurer; and

BE IT FURTHER RESOLVED, that the duration of the contracts between the MCMUA and the Referenced State Contract Vendors shall be from **January 10, 2023** to **December 31, 2023**

This Resolution shall take effect immediately.

CERTIFICATION

I hereby certify that the foregoing Resolution was adopted by the Morris County Municipal Utilities Authority at the Regular Meeting held on January 10, 2023.

MORRIS COUNTY MUNICIPAL
UTILITIES AUTHORITY

By: _____
Dorothea Kominos, Chairwoman

ATTEST:

Marilyn Regner, Secretary

MOTION: Ms. Szwak made a Motion to Authorize The Use Of ESCNJ Cooperative Pricing System - #65MCESCCPS Purchasing Contract For International and Mr. Guadagno seconded the Motion.

ROLL CALL: AYES: 7 NAYES: NONE ABSTENTIONS: NONE

**Resolution No. 2023-006
Resolution Of The Morris County Municipal Utilities Authority Authorizing The Use Of
ESCNJ Cooperative Pricing System - #65MCESCCPS Purchasing Contract
For Sanitation Equipment Corp.**

WHEREAS, MCMUA is a party to a cooperative purchasing agreement with the Educational Services Commission of New Jersey Cooperative Pricing System, a cooperative purchasing program organized pursuant to the Local Public Contracts Law, N.J.S.A. 40A:11-10; and

WHEREAS, the MCMUA, pursuant to N.J.S.A. 40A:11-10 and N.J.A.C. 5:34-7.1 et seq. may, by Resolution and without advertising for bids, purchase any goods or services through the Educational Services Commission of New Jersey Cooperative Pricing System “ESCNJ Cooperative Pricing System”, which has been approved by the Director of the Division of Local Government Services; and

WHEREAS, the MCMUA has a need to purchase, on a timely basis, goods or services utilizing the ESCNJ Cooperative Pricing System contracts; and

WHEREAS, the MCMUA intends to enter into contracts with the following Referenced ESCNJ Cooperative Pricing System Vendors through this resolution and properly executed contracts, which shall be subject to all conditions applicable to the current ESCNJ Cooperative Pricing System contracts;

Sanitation Equipment Corp.	(2) Leach 2RIII Residential	\$126,456.04 (each.)	01-3-
300-800-151			
Contract #20/21-55	Rearload Body	\$252,912.08 (total)	

NOW, THEREFORE, BE IT RESOLVED, that the MCMUA authorizes the Qualified Purchasing Agent to purchase certain goods or services from those approved ESCNJ Cooperative Pricing System Vendors on the afore mentioned list, pursuant to all conditions of the individual ESCNJ Cooperative Pricing System contracts; and

BE IT FURTHERED RESOLVED; that the governing body of the MCMUA pursuant to N.J.A.C. 5:30-5.5(b), the certification of available funds, shall either certify the full maximum amount against the budget at the time the contract is awarded, or no contract amount shall be chargeable or certified until such time as the goods or services are ordered or otherwise called for

prior to placing the order, and a certification of availability of funds is made by the Treasurer; and

BE IT FURTHER RESOLVED, that the duration of the contracts between the MCMUA and the Referenced State Contract Vendors shall be from **January 10, 2023** to **December 31, 2023**

This Resolution shall take effect immediately.

CERTIFICATION

I hereby certify that the foregoing Resolution was adopted by the Morris County Municipal Utilities Authority at the Regular Meeting held on Tuesday January 10, 2023.

MORRIS COUNTY MUNICIPAL
UTILITIES AUTHORITY

By: _____
Dorothea Kominos, Chairwoman

ATTEST:

Marilyn Regner, Secretary

MOTION: Mr. Dour made a Motion to authorize Use Of ESCNJ Cooperative Pricing System #65MCESSCCPS Purchasing Contract For Sanitation Equipment Corp. and Mr. Guadagno seconded the Motion.

ROLL CALL: AYES: 7 NAYES: NONE ABSTENTIONS: NONE

Resolution No. 2023-007
Resolution Authorizing The
Auction/Sale/Disposition of Equipment

WHEREAS, the Morris County Municipal Utilities Authority (MCMUA) owns Equipment, which has been used primarily at the Curbside Department, as further described below:

- MUA BO3-1, 30-yard roll-off container,
- MUA 4-10, 2004 Sterling packer truck,
- MUA 5-34, 2005 Ford Van, and;

WHEREAS, the Equipment has been determined to no longer be of use to the MCMUA since it is old and beyond economically feasible repair; and

WHEREAS, the MCMUA desires to sell/dispose of the Equipment, as is, where is; and

WHEREAS, the MCMUA, desires to post the Equipment on an “on-line” web site, such as Municibid - Online Government Auctions, for auction and sale to the highest bidder, and/or to sell or give the Equipment to another governmental entity through a shared services agreement for an agreed upon price, and/or to scrap the Equipment at a scrap metal dealer, and/or to otherwise dispose of the Equipment; and

NOW THEREFORE, BE IT RESOLVED by the Morris County Municipal Utilities Authority as follows:

1. The Executive Director of the MCMUA is hereby authorized and directed to post and sell the Equipment for auction on an “on-line” web site, such as Municibid - Online Government Auctions, to the highest bidder, and/or sell or give the

Equipment to another governmental entity through a shared services agreement for an agreed upon price, and/or to scrap the Equipment at a scrap metal dealer, and/or to otherwise dispose of the Equipment at the time deemed appropriate.

2. This resolution shall take effect as provided by law.

CERTIFICATION

I hereby certify that the foregoing Resolution was adopted by the Morris County Municipal Utilities Authority at the Regular Meeting held on January 10, 2023.

MORRIS COUNTY MUNICIPAL UTILITIES AUTHORITY

By: _____
Dorothea Kominos, Chairwoman

ATTEST:

Marilyn Regner, Secretary

MOTION: Mr. Hudzik made a Motion to Authorize the Auction/Sale/Disposition Of Equipment and Ms. Szwak seconded the Motion.

ROLL CALL: AYES: 7 NAYES: NONE ABSTENTIONS: NONE

RECYCLING REPORT:

Recycling Tonnage and Value

November Recycling Update:

Due to the shortened meeting timeframe, the finalized Single-Stream recycling pricing and tonnage numbers were unavailable on December 6, 2022, at MCMUA Board Meeting. As a result, the finalized per-ton rate was -\$84.47 on 1,286.44 tons of material, equating to a charge to the MCMUA from Republic Services for \$108,663.19.

December Recycling Update:

The initial per ton rate for single-stream recycling during December 2022 was calculated at a negative -\$83.77 per ton. This is a positive increase of \$0.70 per ton from the November rate of a negative -\$84.47 per ton.

Overall pricing for recycling markets has remained stable throughout December for all material categories. Inflation played a crucial role in weakening recycled content markets and further slowed demand for materials made from recycled content at a time of the year that typically boosts market pricing. While consumers continued to spend money on commodities during the holiday season to support markets, it was only enough to help stabilize markets and halt their further decline this month. As a result, this holiday season did not allow for the recovery of these markets.

Recycled Content Markets Outlook for 2023:

Heading out of the holidays and into 2023, the question is whether recycled content markets will continue to show their instability and pricing downfall or remain stable and rebound. One crucial point to consider is fuel pricing for the first and second quarters, as the US gas market is three times higher than its average over the last decade. What does this mean? Higher energy costs are related to higher inflation in the economy, which means less purchasing power, further impacting the price of recycled materials. Looking at exports of recyclables for the last six years following

China's ban on plastic scrap and recovered fiber, rates have fallen by almost 25% in the US. Moreover, concerning exported materials, US ports still possess congestion delays along with some of the highest charges in the world, increasing the price and lessening the demand for these goods in international markets. However, investment in the US recycling sector has increased demand from domestic sources, helping to fill the gap left by declining exports. While the pricing outlook is relatively uncertain, some estimates on how these markets will play out are broken down by commodity type below.

Recycled Old Corrugated Containers (OCC) and Sorted Residential Papers (SRNP):

In the New Year, after the holiday push, paper mills typically take account of their stocks and estimate the demand for finished goods and how much-recovered fiber they need to sustain their production lines. As reported previously, more robust, consumer spending will mean less purchasing power and less buying products surrounded by cardboard packaging. However, some hope does exist for a pricing turnaround as the process surrounding fiber recycling is energy intensive. With the US having fewer energy cost constraints, it can focus on exporting its domestic product to international markets while focusing on its new domestic infrastructure to allow prices to climb slightly for the next few months.

Recycled Plastics (PET, HDPE, and Plastic Mix 1-7):

Except for PET, plastic pricing remains higher than usual when looking at historic rates. Much of plastics pricing is currently tied to oil pricing, as making virgin plastics is cheaper than recycled plastic. May issues exist in this field as manufacturers cannot compete with a higher premium for recycled plastic content, and weaker consumer spending will further complicate matters.

However, newer recycled content laws combined with increasing demand for products that contain recycled content should allow this market to increase slightly in the coming months.

Metals (Aluminum and Steel):

Pricing for metals recycling has been unpredictable over the last few years and is expected to continue into 2023. At present, demand for metals in international markets is weak. However, metals pricing is at a low as of late and is expected to come around in an inflated economy. One of the reasons for this is that these materials tend to be traded as a currency in uncertain economic times.

Current MCMUA Material Composition Rate:

Occasionally, the question arises as to which materials and their percentage make up the recycling stream in Morris County. To answer this question, audits were performed with their average taken for the final figure in November 2015, November 2016, June 2017, and August 2018. This information is essential for several reasons as it not only gives way to how our pricing scheme works in connection with our contract with Republic Services but also provides insight into consumer spending habits, the effectiveness of recycling practices and efforts to capture materials, and where educational efforts need to be focused. The resulting materials and percentages below for recyclables were obtained.

- Sorted Residential Papers (SRNP) = 41.09%
- Old Corrugated Containers (OCC) = 19.65%
- Sorted Office Paper = 0.26%
- Glass (3 Color Mix) = 20.40%
- PET (#1 Plastics) = 4.16%
- HDPE Natural (#2 Plastics) = 0.78%
- HDPE Pigmented (#2 Plastics) = 1.14%
- Plastic Mix (#1-7 Mix) = 2.09%
- Aluminum = 0.87%
- Ferrous (Steel/ Tin Cans) = 1.86%
- Aseptic Containers (Milk/Juice Boxes) = 0.15%
- Shrink (Standardized Moisture Loss) = 2.00%
- Residue (Recycling Contamination) = 5.57%

Shared Service Agreements

Borough of Netcong:

On December 19, 2022, the MCMUA received the signed service agreement from Netcong. This five-year agreement runs from January 1, 2023, to December 31, 2027. The annual cost for 2023 will be \$54,500.00. There will be no interruption in service to the town.

Township of Mine Hill:

With the loss of the Mine Hill recycling collection contract, the Recycling Administrative Planning Staff reviewed Mine Hill's dumpster locations to remove a two cubic-yard container at Mine Hill Beach and two six cubic-yard dumpsters at Canfield Avenue School.

Recycling/Clean Communities Education, Inspections, and Customer Service Support

Below are summaries of Recycling and Clean Communities' projects, public outreach, and education programs during December 2022. In addition, this month's correspondence provides details regarding these activities as a separate report.

Recycling and Clean Communities Projects, Public Outreach, Education, and Inspections:

- Town of Butler, Municipal Recycling Coordinator Education
- Borough of Florham Park, Integra at Parc North
- Township of Hanover, Woodmont Knolls
- MCMUA Training on Strategies for Residential Food Waste Reduction & Composting
- U.S. EPA Solid Waste Recycling Infrastructure and Education and Outreach Grants
- MCMUA Participation with the Association of New Jersey Recyclers (ANJR)
- MCMUA Recycling Public Outreach Educational Materials
- MCMUA Recycling Administrative Partnership, NJ Sustainability in Motion Conference
- MCMUA Sponsored Internship, Morris County School of Technology
- MCMUA and Morris County Division of Public Health Illegal Dumping Enforcement

Solid Waste Planning Activities and Special Projects

Meeting with Rehrig Pacific Company, Curbside Recycling Collection Support Services

On December 2, 2022, Recycling Administrative Staff met with Rehrig to discuss their Smart Assets (RFID-enabled carts, pallets, crates, and trays) with Vision® software to track recycling collection in real time. Route auditing allows each cart to be assigned to an address, and the database can be updated to account for changes such as vacant houses and new multi-family complexes. Another potential use for the Vision software allows for information collected curbside to be integrated with our new Salesforce software. Drivers and helpers can catalog specific recycling contamination issues curbside with software installed in the recycling collection vehicle. This software can collect a GPS location and photos of the truck's exterior showing the problem and log it in the system for future inspections or for the MCMUA to verify customer validity for concerns or complaints. This would be an upgrade from our current capabilities and improve collection services. Upon a successful demonstration of the potential of these services, the MCMUA is currently looking to employ a pilot program with one of our curbside collection municipalities. Rehrig informed us of potential grants for these services to assist with funding through the Recycling Partnership.

Borough of Chatham, MCMUA Tag-It and Leave-It Inspection Planning:

On December 13, 2022, the Recycling Administrative Staff met with the Municipal Recycling Coordinator (MRC) for the Borough of Chatham, Kevin Loria, to implement a townwide Tag-it and Leave-it inspection campaign for 2023. At the time of the meeting, the MCMUA provided recycling education and information to Loria to aid in the creation of a recycling training module for his DPW staff and, upon completion, will place it into a regular rotation with his other covered materials for his regularly scheduled meetings. Mr. Loria is also actively working with the Borough's other municipal departments and commissions to assist with the distribution of

education leading up to the start of the campaign. The MCMUA also provided Loria with suggestions and changes for the recycling section of the municipal website, which will be completed before the beginning of the campaign. In addition, the MCMUA will purchase an informational signboard at the Borough's recycling depot, as it is open year-round to the public and unmanned six days a week to assist with education at the site.

The MCMUA is planning for a tentative date of Friday, April 14, 2023, to kick off the campaign. The Borough has recycling collected curbside every week, so the inspections are expected only to take one month. The first week of inspections will include residential locations south of the Morris & Essex Division Main Rail Line. The second week of inspections will consist of residential areas north of the Morris & Essex Division Main Line. The third week will include all commercial, municipal, and hot spot locations where we collect material. The fourth and final week will involve a reinspection of properties tagged during the previous three weeks.

MCMUA Public Recycling Education, Virtual Tour of Republic Services:

On December 14, 2022, the Recycling Administrative Staff provided an additional opportunity for recycling education open to New Jersey recycling professionals and municipal representatives. The educational session featured a showing of our in-house and pre-recorded virtual tour of Republic Services' Class A MRF in Mine Hill, followed by a question-and-answer period with Eric Gabrielson, Operations Manager for Republic Services. The session had over 70 individuals signed on to view the tour.

MCMUA Solid Waste Planning Strategic Planning Meeting:

On December 20, 2022, the Recycling Administrative Staff and Solid Waste Coordinator James E. Deacon held a meeting to review the department's accomplishments and initiatives during the 2022 calendar year. At that time, the team discussed areas for improvement and how to implement solutions moving forward. Some topics discussed include countywide outreach programs, educational meetings with municipal and county coordinators and other government agencies, and actions across our 39 municipalities. In addition, the team also discussed its goals for accomplishment during 2023. Some of those actions include municipalities in need of recycling education efforts, areas to focus on curbside recycling inspections for Tag-it and Leave-it campaigns, recycling mini-grant programs for municipalities aimed at innovative projects to increase recycling, new recycling education projects, and other special projects.

MCMUA Boat Shrink Wrap Recycling Stewardship Efforts:

In December 2022, District Recycling Coordinator Anthony Marrone was contacted along with the 20 other county recycling coordinators for New Jersey by the New Jersey Department of Environmental Protection to assess current statewide efforts to recycle boat shrink wrap and potential interest in fostering new programs for implementation. The consensus amongst coordinators is that many locations ceased collections approximately five years ago when their programs were no longer grant-supported, forcing their termination. The MCMUA disbanded its boat shrink-wrap program due to its cessation of grant funding, the charge assessed to recycle it, and the hesitation from Republic Services in Mine Hill, NJ, to receive it.

Currently, no outlets besides Republic Services exist near Morris County for the MCMUA to transport this material for recycling. The only other location found is in South Jersey, who was willing to come to a centralized location to pick up this material for a reasonable charge last year. However, it has since raised its price considerably this year for material recycling and only accepts material brought to its location. Considering this, the MCMUA cannot dedicate, at this time, the resources to oversee and manage a labor and financially-intensive program.

Interest in a program does exist with those marinas located around the Lake Hopatcong community, with Municipal Recycling Coordinators for the towns surrounding the Lake, the non-profit Lake Hopatcong Foundation, the NJDEP, and NJ Sea Grant to work out the specifics of funding a local program for the recycling of this material for the upcoming season. A possible solution proposed by the MCMUA exists with the Lake Hopatcong Foundation administering a program funded through an upfront fee collected during winterization with participating marinas with a centralized and approved location, such as the Roxbury recycling depot, to store the

collected shrink wrap. The price would have to be assessed but would have to be enough to cover the transportation of the material to the recycling facility located in South Jersey. At this time, discussions are still being performed on the project's feasibility.

NJDEP 2021 Recycling Enhancement Act (REA) Grant Final Reporting with the NJDEP:

In December 2022, District Recycling Coordinator Anthony Marrone worked on compiling required documentation, programmatic updates, and information on changes regarding our submission. In addition, Marrone began writing the MCMUA final year-end report for submittal in the NJDEP SAGE reporting system used to manage funding and activities reporting under the grant.

Morris County Clean Communities Program

Morris County Clean Communities Stormwater Report, Calendar Year 2022:

In December 2022, the annual Clean Communities Stormwater Report was compiled and submitted to the Morris County Stormwater Program Coordinator (SPC) and the Stormwater Pollution Plan Coordinator (SPPP) contacts in the Morris County Engineering Office for inclusion in the overall County submittal to the New Jersey Department of Environmental Protection (NJDEP). The Morris County, Clean Communities portion includes statistics regarding our litter cleanup efforts held on County Roadways, Public Lands for our school programs, with the Sheriff's Labor Assistance Program (S.L.A.P.) and nonprofit program partnerships, and partnership with the Morris County Division of Mosquito Control. The data compiled ranged from the number of tires removed from public lands illegally dumped, and partnership impacts on waterways, the number of cleanups performed, and the amount of littered trash and recyclables collected and disposed of properly, as well as the total number of participants who engaged in the litter removal activities.

2022 Clean Communities and Recycling Artwork Poster Contest:

On December 2, 2022, at 5:00 PM, the awards ceremony for the Clean Communities and Recycling artwork contest winners took place in the Landscape & Horticultural Technology Building on the County College of Morris (CCM) campus. The four poster contest winners, their families, and the art teachers from each of the winning students' schools attended the ceremony. Larry Gindoff, MCMUA Executive Director, Anthony Marrone, District Recycling Coordinator, and Cheryl Birmingham, District Clean Communities Coordinator, were the hosts for the event. The recycling bins, with the replicated winning posters embedded in them, were displayed during the ceremony, and all winners were given an award at the time of the ceremony.



MCMUA's artwork contest winners from left to right: Smriddhi Jariwala, Brooklawn Middle School, Parsippany; Zach Zimmermann, Valleyview Middle School, Denville; Rishabh Mukherjee, Central Middle School, Parsippany; Mary Yap, Valleyview Middle School, Denville. Far left, Cheryl Birmingham, District Clean Communities Coordinator.

MCMUA Recycling and Clean Communities Administrative Support, NJ Food Council Bag Redistribution Committee:

In December 2022, District Recycling Coordinator Anthony Marrone and District Clean Communities Coordinator Cheryl Birmingham were named to serve on the New Jersey Food Councils Project Committee in support of the Current New Jersey Bag Ban Law. Both Marrone and Birmingham, along with a select group of knowledgeable, experienced, and influential leaders holding positions in both the public and private sectors, will work towards an innovative bag collection and redistribution solution that satisfies affected businesses, governmental entities, Food Banks, non-profits, and shoppers by utilizing existing local infrastructure and partnerships. This Bag Redistribution Project Group will hold its first meeting on January 13, 2023, and is currently preparing material to discuss and develop a successful pilot program for implementation. In addition, the group will also make recommendations to the NJ Plastic Advisory Council, which was created in the Plastic Law.

Morris County Clean Communities Sponsored County Roadway Cleanups:

The 2022 Morris County Clean Communities Litter Abatement Program was placed on hold during December with the cleanup contractor, Adopt-A-Highway, to preserve program funding until Spring 2023.

OLD BUSINESS:

Mr. Gindoff advised the Board that he and Marilyn visited Gene Feyl over the holiday and delivered his resolution. He mentioned that Mr. Feyl was doing well and we had a very nice visit.

Marilyn asked the Board to review the Board Member listing and Proposed Meeting Dates and advise her of any changes as soon as possible.

There being no further Old Business, this portion of the meeting was closed.

NEW BUSINESS:

There being no New Business, this portion of the meeting was closed.

PUBLIC PORTION:

Chairwoman Kominos asked if there are any comments from the Public. There being no comment from the Public, this portion of the meeting was closed.

CLOSED SESSION:

There being no Closed Session, this portion of the meeting was closed.

There being no further business, Chairwoman Kominos asked for a Motion to adjourn the meeting at 7:58 p.m.

MOTION: Mr. Guadagno made a Motion to adjourn the meeting at 7:58 p.m., seconded by Mr. Hudzik and carried unanimously.

Marilyn Regner
Secretary

/mr