

MINUTES OF REGULAR MEETING

AUGUST 6, 2019

The Regular Meeting of the Morris County Municipal Utilities Authority was held on August 6, 2019 at 7:00 p.m. in the First Floor Conference Room at the MCMUA Offices located at 214A Center Grove Road, Randolph, New Jersey. The necessary notice of this meeting was published according to the law.

Chairman Hudzik requested a roll call.

PRESENT: Ms. Laura Szwak, Mr. James Barry, Mr. Christopher Dour, Mr. Fletcher Platt, Mr. Gene Feyl and Mr. William Hudzik.

ABSENT: Mr. Frank Druetzler, Dr. Arthur Nusbaum and Dr. Dorothea Kominos.

Also present were Larry Gindoff, Executive Director; Michael McAloon, P.E., MCMUA Consulting Engineer; Larry Kaletcher, Treasurer; Marilyn Regner, Secretary; Diane Alexander, Esq., Maraziti Falcon LLP; James Deacon, Solid Waste Coordinator; Liz Sweedy, District Recycling Coordinator; and Freeholder-liaison John Krickus.

Chairman Hudzik asked for the Board's approval of the Minutes of the Regular Meeting dated July 9, 2019.

MOTION: Mr. Platt made a Motion to approve the Minutes of the Regular Meeting of July 9, 2019 and Mr. Dour seconded the Motion.

ROLL CALL: AYES: 5 NAYES: NONE ABSTENTIONS: Ms. Szwak

TREASURER'S REPORT:

Mr. Kaletcher presented the Treasurer's Report for the Solid Waste Operating and Water Operating for the month of July 2019. Also included are the Comparative Balance Reports for both the Water and Solid Waste Divisions through the month of July for the month and year-to-date. The MCMUA investment report shows a \$4.5 million dollar transfer to a First Bank Certificate of Deposit. The term of the CD is 12 months and has a fixed rate of 2.5%. First Bank is part of the Governmental Unit Deposit Protection Act and it is listed in the MCMUA's Cash Management Plan. These reports have been incorporated in these Minutes.

Chairman Hudzik 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 Mr. Barry seconded the Motion.

ROLL CALL: AYES: 6 NAYES: NONE ABSTENTIONS: NONE

Chairman Hudzik asked for the Board's approval of the vouchers:

BILL RESOLUTION NO. 19-61

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. 19-61 containing 7 pages for a total of \$3,704,487.34 dated and made a part hereof by reference.

SUMMARY

CHECK NUMBERS

WATER OPERATING FUNDS	4709-4743	\$	381,697.95
SOLID WASTE OPERATING	10100-10196	\$	<u>3,322,789.39</u>
		\$	3,704,487.34

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: August 6, 2019

BOARD CHAIRMAN APPROVAL

William Hudzik, Chairman

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: August 6, 2019.

DATE: August 6, 2019

Larry Kaletcher, Treasurer

MOTION: Ms. Szwak made a Motion that the vouchers be approved for payment and Mr. Platt seconded the Motion.

ROLL CALL: AYES: 6 NAYES: NONE ABSTENTIONS: NONE

CORRESPONDENCE:

Mr. Gindoff mentioned that the Correspondence report was sent out with the packet and if anyone has any questions, it should be discussed during the appropriate portions of the report. He mentioned that there is one additional piece of correspondence in tonight's packet, which is a letter from the Association of Environmental Authorities with a call to action regarding some proposed legislation about purchasing public sewer authorities by private companies. They are providing some information in this letter about this proposed legislation and some of the issues they see affecting the public entities around the State. At this point, it is about sewer systems, not about water systems. He asked if the Board wanted to review this and discuss it at next month's meeting and adopt a resolution as they are recommending and the Board concurred.

CORRESPONDENCE

Water

Letter dated July 25, 2019 to Frank Mescall, AIA, Mott MacDonald, from Savas C. Tsivicos,

Cypreco Industries, Inc., regarding time extension request for Contract No. 7R-18, Markewicz

Pump Station Electrical Upgrades Project.

Letter dated July 16, 2019 copied to Christopher Falcon, Esq., Maraziti Falcon LLP, from Laura Cummings, P.E., Executive Director, Southeast Morris County M.U.A., regarding Application for Water Service and Main Extension Outside the District for Township of Parsippany-Troy Hills.

Seminar held on July 18, 2019 sponsored by the Association of Environmental Authorities & Drinking Water Coalition of NJ entitled “Paying for PFAS: Recovering the Cost of Removing Drinking Water Contaminants”.

Solid Waste

Email dated July 20, 2019 to Larry Gindoff from Stephen Kay, resident of Chatham, regarding household hazardous waste experience.

Recycling

“Tag-It and Leave-It” Information distributed to all MCMUA curbside towns._

Resource Recycling News dated July 9, 2019 entitled “Experts express optimism for paper and plastic markets”.

Letter dated August 5, 2019 to New Jersey Department of Environmental Protection from Anthony Milonas, Water Superintendent, regarding T1 Reports for the Morris County MUA for the month of July 2019.

ADMINISTRATIVE REPORT:

Mr. Gindoff mentioned that he included the next revision of the draft Open Space and Acquisition Plan in the packets for the Board’s review. He mentioned he met with Gene and Laura a couple of months ago and he took a lot of their ideas and did a lot more work on with Staff on this Plan. Mr. Gindoff suggested that the Open Space Committee meet again and go over the revised draft Plan. Mr. Feyl commented that he did a great job. It is a good draft Plan and it includes some of the specific topics that we were concerned about. Mr. Gindoff mentioned that he would like to include Staff, who worked on this Plan, to the next meeting and Ms. Szwak commented “that would be great”. Mr. Platt handed his copy of the Plan with his comments to Mr. Gindoff and Mr. Gindoff thanked him. It was decided that a meeting date would be discussed after the meeting adjourned.

ENGINEER'S REPORT:

Mr. McAloon reported the following: (1) To date, we have sold 862 MG on the year, which is behind 2017 and 2018 respectively. We did see a significant increase in Southeast MCMUA consumption for the month. They did make some operational adjustments and we are seeing more consistent steady consumption from them. That is positive and it should help us with the water quality.; (2) The Online Permit renewals for the MCMUA emergency generators are finally complete and are on file at the Markewicz Pump Station and MCMUA Office.; (3) We performed our semi-annual inspection at the Farley Waterworks property. Things are continuing as expected.; (4) We are in the process of updating the Water Demand Report from the associated revisions from the Water Committee following last month’s Board meeting and we hope to have something to present at the next Water Committee meeting.

Ms. Szwak asked if municipalities were using Affordable Housing calculations to determine their future demand? Mr. McAloon replied that some municipalities who have detailed lists of upcoming developments furnished that information to us. Looking into the affordable housing and due to the significant uncertainty that it brings, this was more a firm demand that we looked at, as well as we did provide some future projections for the worst case scenario, a maximum build-out was a very aggressive stance. Mr. Gindoff asked Mr. McAloon if he would be ready for September for a Water Committee meeting on that or should we wait until you are further along. Mr. McAloon suggested that we pencil in a Water Committee meeting for 6 p.m., prior to the September Board meeting to discuss a few matters. Mr. Platt commented if you don't have enough to discuss, we can put the meeting off a month.

(5) Markewicz Pump Station Progress Meeting No. 2 was held on July 31, 2019. The Contractor provided an updated construction schedule for that project, which does show work being completed beyond the original substantial completion date. The schedule is currently under further review, as well as the Contractor's request for a time extension. They did submit a formal letter and we are thoroughly reviewing that. We hope to have a response through Mott MacDonald in the near future before the next Progress Meeting. The Contractor has mobilized the site, began demolition of the existing roof, interior ceiling panels, some electrical, plumbing and HVAC equipment that is not integral with the station. Excavation began for the duct banks and the pad mounted utility transformer and metering equipment. Majority of all the materials is on site, except for the long-lead time electrical and process mechanical equipment. Contractor was beginning installation of the shingle roof, as well as insulating his carpentry on the exterior and anticipates completing the site lighting and wire rough-in prior to our September meeting.

We did advance and execute the agreement with Jersey Central Power & Light. Although this is a large cost of \$54,651.32, this is a refundable cost. We cover the initial work to set up all the metering equipment and transformer, and as the station is on line and we begin utilizing that service, there will be credit at the end of each year on that bill to pay that back. While this is a high cost, we will be seeing a portion of that refunded at the end of each year.

Mr. McAloon mentioned that he has a summary of the number of days elapsed, as well as the financial summary. Based on the days, it is 27% complete and the value of work in terms of progress payments is only 17%, so although it is a little bit behind schedule, some of the larger ticket items, such as the generator and electrical equipment will swing that number significantly the other way. It gives us an idea of where we are at, time vs. financial completion.

Mr. Dour asked if the JCP&L cost anticipated when we went into this project and Mr. McAloon replied "yes. Originally, we anticipated \$75,000. This is separate from the Contractor.

Progress Meeting No. 3 is scheduled for August 21 at 9 a.m. at the Markewicz Pump Station.

Mr. Platt asked Mr. Gindoff if Hatch MacDonald issued an invoice for construction management and Mr. Gindoff replied "no". Mr. Platt asked Mr. Gindoff to contact them and tell them that we expect timely invoicing so we know where we are.

(6) Our regular conference call with N.J. American Water was held on July 17. We discussed the preliminary terms of the revised MCMUA/N.J. American Water Supply Agreement and we think we can reach an amicable agreement on that. If anyone has any additional questions related to that agreement, we will have to go into closed session. Our next conference call is scheduled for August 12 at 1 p.m.

(7) We had positive discussion with Southeast MCMUA with regard to the interconnection and making process optimization modifications. We are seeing a result, more even consistent flow, which will help facilitate positive water quality. Similar to Parsippany, they do anticipate doing tank rehabilitation in 2020, so they did request hydraulic testing to confirm that they could drive off the tank. We did advise them of the Parsippany project for their edification, so looks like over the next couple of years, there will be some significant tank rehab in the area.

(8) With regard to our Mt. Arlington water storage tank rehab project, we outlined the preliminary schedule for what we anticipate the project schedule for that. Receiving Engineering Proposals in September, Design of Improvements in October to December, Bid Advertisement and Construction

Award in February 2020. We talked about separating this into construction improvements at the Mt. Arlington station to facilitate the temporary water feed and then doing a tank rehabilitation in Fall of 2020.

Mr. Platt asked Mr. McAloon how confident are you that the construction phase can be done from March to June and Mr. McAloon replied, we will make that part of our contract documents and we are confident that they will be able to get that done with proper planning and execution. Mr. Platt asked who is going to do it, Staff or separate contract, and Mr. McAloon replied, separate contract. Mr. McAloon mentioned that we talked about some VFD installation and install a smaller pump at Mt. Arlington being able to blow-off from the Mt. Arlington zone back into Mine Hill.

Mr. Platt commented that his suggestion is that we do not award the primary contractor until that work is done and make sure that we do not have a problem. If the VFD delivery is delayed or we have trouble awarding the contract for that small project, you want to make sure you get that done before you award the big one. Mr. McAloon concurred.

(9) Regarding both NJDOT projects, Route 80 Bridges over Howard Boulevard and Route 10 Improvements, they sent over our Utility Agreements for execution. We were able to confirm the schedules. They are still in preliminary stage and both projects anticipate construction in Spring of 2023. Based on the preliminary plans furnished for the Route 10 project, we do not anticipate any major impact to our infrastructure. It is mostly roadway improvements, sidewalk and curb.

Mr. Platt mentioned at last month's meeting, we talked about discussions regarding Jersey City agreement, have we had any? Mr. Gindoff replied, no. We haven't because it is dependent on the Demand Study with the prioritization that we discussed and we wanted to get that in first. Mr. Platt suggested that you start right away with Jersey City, do not wait. Mr. Platt asked have we heard anything back from Jersey City to our response and Mr. Gindoff replied, no we have not heard back from Jersey City on the response. Mr. Platt expressed that time is of the essence on this. He mentioned that last month we talked about discussions with Parsippany, Mountain Lakes and maybe Denville. He suggests that they proceed with Jersey City before you know the details and see if they have any interest.

PROJECT STATUS

1. General System

- A. We will provide an update on water consumption at the meeting as the cut-off for this report was prior to month end billing.
- B. The NJDEP Online Permit renewals for the MCMUA emergency generators have been received and are currently on file at Markewicz Pump Station and MCMUA offices.
- C. We have performed the semi-annual inspection of the Farley Water works property in accordance with the Remedial Action Protectiveness / Biennial Certification. Based on the inspection the has been no evidence of soil cap disturbance or any indication of other impacts.

2. MCMUA Customer Future Demand

Following the July Water Committee and Board Meeting, SCE is in the process of updating the water demand report and associated revisions requested.

3. Markewicz Pump Station Electrical Upgrades Construction

Cypreco (Contractor) is continuing to prepare submittals on material and equipment. The Contractor has provided an updated construction schedule on 7/31/2019 which reflects the work completed as well as the outstanding efforts. The schedule is currently under further review by MM to confirm acceptable sequence of construction. The schedule does depict a final completion date of June 22, 2020. This date is beyond the current final completion date.

The Contractor has mobilized to the site, has began the demolition of the existing roof, interior ceiling panels, electrical, plumbing and HVAC equipment. The Contractor has began the excavation for the installation of electrical duct bank from the proposed utility pad mounted transformer and metering equipment to the proposed electrical room. The Contractor has received and accepted various material deliveries and asphalt shingle installation and exterior carpentry work has also commenced. The Contractor anticipates completion of the exterior carpentry and shingle installation, electrical duct bank installation, site lighting improvements, and beginning wire rough-in prior to the September meeting.

MCMUA has received and executed the Jersey Central Power & Light Agreement for Installation for Electrical Distribution Facilities. This agreement is related to the 480v electrical service which will become the primary power source for the station upon completion of the electrical transfer. This agreement requires an initial refundable cost of \$54,651.32 for the necessary electrical improvements on the utility side of the meter. This value is refundable over the first ten (10) years based on total distribution revenues from this project with eligibility determined annually.

Project Completion Summary

Contract Start Date	May 1, 2019	
Original Contract Completion Time	360 Calendar Days	
Days Elapsed:	97	27%
Days Remaining:	263	73%
Original Contract Completion Date	April 25, 2020	

Project Financial Summary

Original Contract Amount	\$1,932,963.00
Total Value of Work Complete:	\$331,362.60
Percent of Work Complete:	17.1%
Payment Application #1	\$108,909.90
Payment Application #2	\$215,825.89
Total Retainage to Date	\$6,627.25

Construction Administration Financial Summary

Original Contract Amount	\$289,500.00
Total Invoiced:	\$0.00
Percent Invoiced:	0%

The Contractor has submitted to MM for review and evaluation Proposed Change Order (PCO) #2 for a no cost time extension for 62 days as a result of substantial delays with issuance of building permits and change order for the generator revision. MM is currently reviewing this time extension request and will be providing response.

Progress Meeting No. 2 for this project was held on Wednesday July 31. Progress Meeting #3 is scheduled for Wednesday August 21, at 9:00AM at the Markewicz Pump Station.

4. New Jersey American Water (NJAW) Coordination

A regular conference call with representatives from MCMUA, NJAW, and SCE was held on Wednesday, July 17, 2019. The preliminary terms of the revised MCMUA to NJAW water supply agreement were discussed following the direction of the MCMUA Water Committee. Through discussions we are confident the terms and conditions of this agreement can be successfully reached.

Our next conference call is scheduled for Monday August 12, 2019 at 1:00 pm.

5. *Southeast Morris County Municipal Utilities Authority (SMCMUA) Coordination*

A conference call was held on Tuesday July 16 at 2:00pm with representatives from SMCMUA including Laura Cummings, Executive Director, Ken Crawford, Superintendent – Licensed Operator of Record and Drew Saskowitz Water Quality Superintendent; and Tony Milonas MCMUA Water Superintendent and Mike McAloon from SCE. The purpose of this discussion was to follow-up with regard to the status of the system operation modifications which were made following our previous discussion. Based on information obtained from the SCADA system, SMCMUA’s daily water consumption has been modified to provide for an even and consistent flow which will help to facilitate positive water quality. Additionally, SMCMUA discussed preliminary plans to rehabilitate the existing water storage tank in this zone and requested to perform a hydraulic testing to confirm ability to rely solely on MCMUA for an extended period while the tank is rehabilitated.

6. *Mt. Arlington Water Storage Tank Inspection*

We anticipate the following preliminary schedule for facilitate the Mt. Arlington Water Storage Tank rehabilitation project:

MCMUA Award Engineering Proposal: September 2019

Engineering Design of Improvements: October 2019 to December 2019

Bid Advertisement and Construction Award: February 2020

Construction Improvements at Mt. Arlington Booster Station (temporary water supply during tank outage): March 2020 to June 2020

Tank Rehabilitation: September 2020 to November 2020

7. *NJDOT Rt 80 Bridges over Howard Blvd (CR 615)*

We have received the New Jersey Department of Transportation (NJDOT) Utility Engineering and Construction Agreement (UECA) for the above referenced project. Through correspondence with the NJDOT Project Manager, the project is currently in Preliminary Phase which is anticipated to be completed in fall of 2020. Final engineering is anticipated to be completed in fall of 2022 with construction in spring of 2023. Without understanding the potential impacts to the existing infrastructure as a result of this project, we do not recommend execution of these agreements until the project scope and impact is further identified.

8. *NJDOT Route 10 Hillside Avenue (CR 619) to Mt. Pleasant Turnpike (CR 665)*

We have received the New Jersey Department of Transportation (NJDOT) Utility Engineering and Construction Agreement (UECA) for the above referenced project. We have been unable to confirm the anticipated project schedule with the NJDOT Project Manager. We do not recommend execution of these agreements until the project scope, impact, and schedule is further identified.

SOLID, HAZARDOUS & VEGETATIVE WASTE REPORT:

Mr. Deacon provided the following highlights: (1) The Alaimo bid with the Parsippany Transfer Station tipping floor and related improvements is on the street. One correction on Alaimo’s timeline of events mentioned is that the award of the contract if everything goes right is September 10, not September 9.; (2) Last meeting Mr. Dour asked about the permitting of our two emergency generators at the transfer stations. We collected some information, as mentioned in the packet, and if anyone has any questions on it, they are basically a 17 kw and 18 kw, way below the permitting requirements of DEP and well below the recordkeeping requirements. We put together a compliance binder for each with all the specifics just to have and keep on-site along with the maintenance records for inspectors.; (3) Concerning the hours of operation for Northeast Products, we did reach out to Roxbury’s Town Clerk. They have a three (3) month review period so that puts us at the end of September. We still have not heard back from them, but it is basically up to Roxbury.; (4) Reminder that our next HHW one-day drop-off event is scheduled for Saturday, September 14, at the Morris County Public Safety Training Academy in Parsippany.; (5) We are still working on finalizing the plans for the specs of replacement of the Small HHW Shed. The plans came in and there were two minor corrections that we are having them fix. They are supposed to re-submit the plans for our review.; (6) An update on our Outbound Materials Marketing project, the Naturcycle Contract was executed this morning. We had a conference call

this morning to discuss some details moving forward. This included Naturcycle looking to enroll our Parsippany location in the STA Program, which is the Compost Council Seal of Testing Assurance Program, which is the highest medal for composting. They are looking to get our Mt. Olive Camp Pulaski location into the OMRI Certification, which is basically a broad-based organic certification. We look forward to working with Naturcycle.; (7) With regard to lake weed, we have been back and forth with the DEP and Lake Hopatcong Commission. As we stand right now, we can accept up to 800 cubic yards of that material at our Mt. Olive location. What we are doing, because of the testing, is we are requiring testing every time they drop lakeweed off. Testing and location of the lake where they got the material because we have had some issues already.

Mr. Platt asked what kind of testing are they doing? Mr. Deacon replied they actually test for the full gamut. It came back from Ag Choice that it had MEK (methyl ethyl ketone) in it. It was below the action level and DEP does not seem concerned. We received a letter from Princeton Hydro saying basically, it is good and we can accept it. He mentioned that right now we are looking for testing of the lake weed because we take pride in our material and we want quality material to sell to our customers. Mr. Deacon mentioned that our operators do not like the material because of what it does to the machinery; no matter how dry you get it, it is still going to get wet.

Mr. Dour asked what have we taken in the past; is it the 800 and Mr. Gindoff replied we have taken in the past up to 800 from them. He mentioned that last year they used Ag Choice that moved up to Sussex County. Ag Choice had a problem with their material coming in this year. He mentioned that seven or eight years ago we started to take it at their request and we were obtaining temporary approval modifications to our compost facility that DEP would authorize us to take their own material and then they finally made it a permanent modification so we could accept this material as “grass” as opposed to a dedicated “lake weed”. We have taken 800 cubic yards in the past, but the timing is always wrong, because we have to put it aside and wait for the Fall to apply it to other piles. It is a difficult material for us to deal with. Mr. Gindoff mentioned that DEP is doing the testing before it comes to our location.

With regard to the cameras being installed at the transfer stations for enforcement purposes, Ms. Szwak understood that even if there were violations, we cannot do any enforcement. Mr. Deacon replied that enforcement would be through the Office of Health Management, but this is the only camera system that is designed for public safety that has a watermark. We are piggy backing off of Department of Law and Public Safety’s system, so enforcement could be done through the Health Department. Mr. Gindoff mentioned that before it goes to enforcement, we inspect our loads and we have a proactive educational program run by Chris Vidal at our office. We reach out to the non-recyclers and try to get them to recycle. He mentioned try to reach out to the towns to encourage them to do their own enforcement, quite often that is ineffective, so we have the backstop of the County Health Department, which has been effective for us in the past, when we need to use them. It tends to be a strong enforcement action when it comes from the County Health Department in comparison to when a town does it. We been trying to get the towns to have a municipal enforcement coordinator to do this for us and we have been trying to get this established for the last ten years. Certain towns do this well but most don’t. It tends to be commercial generators we are looking at, roll-offs for the most part. Residents do a great job recycling.

TRANSFER STATIONS

Tonnage- For the month of July 2019, the quantity of solid waste accepted at the two transfer stations was 40,760 tons. This represented at 10.55% increase compared to July 2018 totals of 36,871 tons. The annual tonnage projection based on the first seven (7) months of 2019 is now 435,049 tons. This would represent a 4.33% increase over the 2018 annual tonnage of 417,004. Please refer to the attached Transfer Station Disposal Report by Month for additional information.

HMAT Property- Following the resolution adopted at the June 2019 MCMUA meeting authorizing the release of \$45,000 for the purchase of the HMAT property, on Tuesday July 16, MCMUA Executive Director, Larry Gindoff, and attorneys for both HMAT and MCMUA closed on that HMAT property.

Transfer Station(s) Improvements- With assistance from the Morris County Office of Information Technology (IT) and Paradigm (CompUWeigh), the combined three (3) desktops computers in the transfer stations' scale houses were replaced and updated with County approved versions of Windows 10.

Alaimo Engineering is almost complete with preparing the engineering design work and accompanying bid specifications in accordance with their assessment that identified and assessed year 2019 priority-deteriorating infrastructure issues at the Parsippany-Troy Hills transfer station that require repair and/ or replacement. MCMUA staff had met with Alaimo Engineering onsite at the Parsippany-Troy Hills transfer station on May 31 to review the draft plans for the main tipping floor, the problematic/ damaged trench drains, the "knuckleboom" base and steel loading shroud areas, and areas that contained concrete safety blocks and posts that need replacement. The following is an updated project schedule provided by Alaimo Engineering. Staff and counsel is currently reviewing final version of the bid specification prior to release. Any changes to this schedule will be reported to the Board during its August 6 regular meeting:

- Bid Advertisement July 30, 2019
- On-Site Pre-Bid Meeting August 14, 2019
- Receipt of Bids August 29, 2019
- Bid Evaluation September 4, 2019
- Award of Contract September 9, 2019
- Pre-construction Meeting September 23, 2019
- Notice to Proceed September 30, 2019
- Contract Completion February 17, 2020 (125 days)

Video Camera Project- MCMUA Larry Gindoff, Bobby Ross, and James Deacon met with the Morris County Department of Law and Public Safety Director, Scott DiGiralomo, and with Morris County Sheriff's Office, Edward Schultz, to discuss options of installing a camera system inside the two (2) transfer stations that will overlook the tipping floors to assist in mandated recycling education and possible enforcement. This system would report directly to a program installed on a computer desktop. The MCMUA plans to utilize recycling education grant funds from the Recycling Enhancement Act (REA) grant to pay for the installation and operation of this camera systems. MCMUA should be able to "piggy-back" on some of the existing camera infrastructure and network capabilities to make this project more economic for the MCMUA than if it did all of the setup on its own. At the July 9 Board meeting, a resolution was approved allowing the MCMUA to join the Bergen County Co-Op making the Packetalk camera system available for possible purchase. MCMUA staff still has some details to work out with respect to researching the best solution. A scheduled date for the solid waste operational staff to meet with Packetalk onsite to review both transfer stations was set for July 31. Results and updates from these site visits to the transfer stations and HHW facility will be provided at the August 6 Board meeting.

Emergency Generators- As a result of the topic discussed at the July 9 Board meeting, MCMUA operational staff generated two (2) NJDEP Compliance Binders to be kept onsite for the transfer station's emergency generators. Both of these emergency generators are well below the required NJDEP air pollution permitting value of 1 million BTU (British thermal units) and the mandatory recordkeeping value of 37 KW (kilowatt metric unit of power). The two (2) 17/18 KW Kohler Power Systems/ Ford Power Products emergency generators at the transfer stations provide back-up electricity for the scales and the scale houses only. These compliance binders include specific equipment details on location, specifications, fuel type (propane and natural gas) install dates, and engine types, with other tabbed sections for emergency contact list(s) and quarterly maintenance records that can all be provided to inspectors upon request.

MCMUA Transfer Stations Contract- The MCMUA solid waste operational staff continue to routinely meet in preparation for the next contract period to operate the transfer stations. This current five (5) year contract with J.P. Mascaro and Sons is due to expire in the end of May 2020. These meetings are primarily meant to consider changes and/or improvements in the next round of bidding with respect to the two (2) MCMUA transfer stations. Staff has already performed a detailed review of the requirements listed in our current NJDEP Solid Waste Permits, related addendums, and the current MCMUA Transfer Station Bid Specifications, all to compare them to what is required as part of the new contract. During these reviews, the operational group agreed that the MCMUA should update both Operations and Maintenance (O&M) manuals because it is

referred to throughout these other documents, making sure everything is consistent with each other. These updates to the O&M manuals for Parsippany-Troy Hills and Mount Olive transfer stations are not changing anything as far as MCMUA operations are concerned, just things like contact information, updates to the safety plans, updating the MCMUA internal inspection forms we use, and adding a detailed section on the Air Pollution Control (APC) System. MCMUA staff has contacted the NJDEP in regards to the updating of the O&M manuals for both locations. The NJDEP considers these updates as “minor technical reviews”, promising a quick turnaround.

SOLID WASTE MANAGEMENT PLAN

Northeast Products, LLC- Plan Modification- The MCMUA received notification that Northeast Products, LLC is looking to update their hours of operations compared to what is currently included in the Solid Waste Management Plan to include Saturday morning hours. This request from Northeast was forwarded to the Township of Roxbury for their review and consideration. To date, the MCMUA has not received comments on this request put before Roxbury. If approved through the township, these changes can be completed by submitting an administrative action request letter to the NJDEP Solid Waste Planning Division. Northeast may still request to include some self-generated aggregate (asphalt, concrete, brick, and block) recycling at their facility.

Novartis Pharmaceuticals Corporation- The April 2019 Plan Amendment for Novartis Pharmaceuticals Corporation (Novartis), located at One Health Plaza in East Hanover Township, for the termination/ removal of the small-scale Solid Waste Energy System (ERS) (Incinerator) provides for the elimination of the previous inclusion of the ERS from the Morris County Solid Waste Management Plan. This Plan Amendment was approved by the Morris County Board of Chosen Freeholders at their public hearing on June 26. The MCMUA received a copy of the original transcript from the Freeholder’s public hearing which was also sent to the NJDEP, Bureau of Solid Waste Planning and Licensing for their review and consideration.

HOUSEHOLD HAZARDOUS WASTE (HHW) MANAGEMENT

Program Participation- Residents and very small quantity generators (VSQG’s) continue to schedule household hazardous waste (HHW) appointments at the MCMUA permanent HHW facility in Mount Olive. The MCMUA had a total of 304 completed appointments at the HHW facility making for another busy month of July 2019. This total is up from one (1) year ago when 298 participants used the facility in July 2018.

The next MCMUA HHW one-day drop-off event of 2019 will be held at the Morris County Public Safety Training Academy (MCPSTA) in Parsippany on Saturday, September 14. The final event is scheduled for Saturday, October 19 at Pequannock Valley Park in Pompton Plains.

MXI Environmental Services (MXI) Contract Extensions- The two (2) resolutions authorizing the 2nd one-year renewals with respect to the two (2) contracts with MXI to operate the MCMUA’s one-day HHW drop-off events and the permanent HHW facility in Mount Olive were approved at the July 9 Board meeting. Copies of the signed resolutions and a formal letter were forwarded to MXI after the ten (10) day review period. The MCMUA personally thanked the entire staff at MXI for their continued contributions to our Household Hazardous Waste Program.

Hazardous Waste Shed Replacement- The resolution presented at the June 11 MCMUA Board meeting awarded William Kohl Construction from Lincroft, New Jersey the project of furnishing, delivering, and installing one (1) new small prefabricated hazardous materials storage shed up at the permanent HHW facility in Mount Olive. This project also includes the removal of the current small Haz Shed. The MCMUA met with Mr. William Kohl on July 23 to review the plans and drawings and to execute the contract.

VEGETATIVE WASTE MANAGEMENT

The MCMUA 2019 delivery season continued in July with residential deliveries of screened compost and mulch products occurring throughout the month. There were 42 completed deliveries during the month of July 2019. A copy of the Vegetative Waste Report will be provided to the MCMUA Board for August 6 meeting as reference.

Vegetative Waste Environmental, Health, Safety, and Regulatory Compliance Binders- MCMUA staff generated two (2) Environmental, Health and Safety Compliance Binders for both vegetative waste facilities in Mount Olive and Parsippany. These binders contain things like NJDEP General Permits, emergency contact lists, equipment lists, compost analysis/ sample results, NJDEP/ Morris County CEHA (County Environmental Health Act) inspection results, Garden State Environmental Health and Safety Consulting, Inc. (GSE) health and safety inspection reports, type 3 fire permits/ fire control plans, NOV's/ NOP's, site deeds, air permits (Parsippany), and other related materials. Also included is a list of the nine (9) total MCMUA employees that are Rutgers- New Jersey Agricultural Experiment Station, Office of Continuing Professional Education, New Jersey Compost Operator Certified, with copies of their course certificates. These binders contain everything the MCMUA will need to present during site inspections. It doesn't include day-to-day recordkeeping requirements mentioned our NJDEP general permits. Parsippany's binder was issued on July 23, with Mount Olive (Camp Pulaski) awaiting an updated general permit and fire control plan. MCMUA continues to work with the Morris County Department of Law and Public, Fire Marshal's Office to complete this project.

Mount Olive Compost Entrance Road Project- ARCO National Construction (ARCO) is close to finishing the road improvement project on Waterloo Valley Road (near the Givaudan Fragrances Corporation and UPS facility in the International Trade Zone) in Mount Olive. ARCO has tentatively planned the final closure for two (2) days of paving and line painting of this roadway and entrance on the week of August 12 to the 16. MCMUA staff continues to work with ARCO and the Mount Olive Township Police Department. Updates on this project will be presented during the August 6 Board meeting.

Backup Trucking Services for Residential Vegetative Waste Deliveries - A resolution authorizing Kirk Allen Trucking to provide backup trucking delivery services to be utilized on an as needed basis for help with the MCMUA 's deliveries of vegetative waste products (compost and mulch) to Morris County residents was approved at the July 9 Board meeting. The MCMUA currently has two (2) trucks and drivers to perform most deliveries, with Kirk Allen Trucking providing backup capabilities for the MCMUA program for times when either a driver and/or a delivery truck is not available. Additionally, these services could be used during the busiest of times when more than two (2) simultaneous deliveries are required. The finalized contract is set up for a September 1 start date. The MCMUA plans on dedicating specific days to use Kirk Allen Trucking for deliveries during the busy season, to make door hangers for the contractor to place on doors immediately following a successful delivery, and to make vehicle magnets for both sides of truck indicating "Morris County Delivery Contractor".

Outbound Materials Marketing- Following authorization to award Naturcycle with performing outbound recyclable materials marketing of vegetative waste products, the final contract is now awaiting signature with an August 1 start date. Updates on this contract will be presented during the August 6 Board meeting.

Lake Hopatcong- Lake Weed Materials- The MCMUA was contacted by the Lake Hopatcong Commission and Lake Musconetcong Planning Board concerning our Mount Olive Facility taking in Lake Weed. Typically Camp Pulaski runs off of a temporary permit for up to 800 cubic yards (CY) of material and the NJDEP waves the fee since we are accepting material from a state agency. However, on December 11, 2017, the NJDEP added an amendment to our permit to permanently accept lake weed as a Class C recyclable materials as we would grass. With the MCMUA having concerns raised over our acceptance of harvested weed biomass from Lake Hopatcong with the recent algal bloom, the Lake Hopatcong Commission in conjunction with the NJDEP had a letter drafted by Princeton Hydro indicating that this issue at hand would not be a concern for our composting operations. This notion was further passed along through our potential composting consultant, Naturcycle who indicated the same. It should be noted that the only other viable drop off site, Ag Choice Organics Recycling in Andover, was unable to accept this material due to a previous permit violation by the NJDEP and no one else the NJDEP contacted was willing to accept the material. MCMUA staff is not favorable to this material for acceptance as it slows down machinery operations, breaks down the machine, and produces large odors. It was mentioned that in order to still take in the material the state is required to do its due diligence in drying out the material so that it can be ground from the scarab and applied to the window piles as needed.

GENERAL ADMINISTRATIVE MATTERS

The MCMUA continues to make improvements and corrections based on the Garden State Environmental Health and Safety Consulting, Inc. (GSE) 2019 annual Health, Safety, and Compliance audit summaries. These corrective actions are all being filed to assist with future audits and possible violations.

RECYCLING REPORT:

Ms. Sweedy reported the following: (1) The preliminary rate for single stream for the month of July is -\$76.78. The June rate was -\$76.39, which is a difference of \$0.39. There is a slight fluctuation in some of the commodity values in July, but overall it was a stable rate. Mr. Gindoff mentioned that with respect to that report, he did update the graphic chart, included in the folders, moving through July, which shows the trends of all the materials and how our pricing is made up. Ms. Sweedy mentioned that on page 2, you can see the values of each single stream commodity for the month of July, as well as from the beginning of the year.

Mr. Dour asked do you see in your discussions with other Counties that they are having the same issues and Ms. Sweedy replied, yes. Ms. Sweedy mentioned that in conversations that she has had with other Counties, everyone is having difficulties. This is a worldwide problem. It is not even just in the United States. Things are very challenging right now. Mr. Gindoff commented that things are different in different places though as he speaks to different people. Certain people have worse contamination issues than we do and that is a major problem for several of the Counties that he has been hearing about. He keeps hearing that our saving grace is our material and no one has material as clean as Morris County's. We do such a good job collecting it in a clean manner. Mr. Gindoff mentioned that on a positive note, he provided the Board an article about some developing markets that shows there is money to be made in recycling, but it is going to take time to develop the plastic and fiber facilities mainly in America, but there is a lot of investment happening, so there should be more capacity coming on line to handle recyclables in the next two to three years.

(2) July was a busy month. We had some recycling inspections at County building locations. We asked all County departments to keep lids closed on dumpsters in order to minimize moisture issues, which is now a contaminant. We also conducted 19 Clean Communities education programs at various locations and we provided our curbside towns with notification for the "Tag It and Leave It" Program. We are asking them to publicize the information alerting residents that set outs containing unacceptable materials will be tagged and left at the curb. We suggested that they disseminate the information through the municipal websites and/or direct mailings, as well as municipal newsletters, Facebook, Twitter and also this information will be able to be put on Recycling Coach.

Mr. Platt asked if we have any response to the Tag It and Leave It Program and Ms. Sweedy replied that we have not started tagging containers yet. We would like to do one more round of notifications. Our main goal is to get municipalities to do outreach with the residents, so the residents are aware that this is coming and they take notice to the things that should not be in their recycling bins. We are really trying hard to do the education first before rolling out the Tag It and Leave It Program.

Chairman Hudzik asked when do you expect the program to start and Ms. Sweedy replied probably by late October of November, depending on how things progress.

Mr. Platt asked how big of a problem is the unacceptable plastics? Ms. Sweedy replied that we are working on the tag itself, which is going to be an educational piece as well. One of the main problems is plastic bags and recyclables in plastic bags. That is a huge problem, as well as styrofoam, some tangles, Christmas lights, flower pots and trays. She was very fortunate to find out that Home Depot is now accepting flower pots and trays and all kinds of plastics that we are going to put up on our website.

We just received updated signage for our recycling depots and we are going to see if towns would be willing to post something about Home Depot Plant Container recycling program so people coming to do drop-off at the municipal depots will know they have another alternative recycling option at Home Depot.

With regard to the unacceptable recyclables, some unacceptable recyclables are being put out and once again it goes back to education and trying to educate the public. We are doing the best that we can and we are hoping that by first getting the education out and then doing the tag it and leave it, it will bring specific information to each household as far as to what they are doing incorrectly. Mr. Platt requested that you make it as clear and simple as you can, particularly concerning the plastics. Ms. Sweedy explained that unfortunately it is not that easy, as there are so many products out there and truly the only way to tell is to look at that number. Mr. Platt commented that people are not going to look at the number. He also mentioned that he read some place that if there is a question, throw it out, don't put it in recycling. Ms. Sweedy it is a tough pill to swallow, but unfortunately that is where the education is going right now.

Mr. Gindoff commented that you have to teach the people that you could wish that something gets recycled, but if your facility doesn't have the equipment to handle it, it is going to end up in the garbage and you are just messing up the recycling stream and you are potentially contaminating other recyclables. Mr. Platt asked what percentage is the residue, the total waste? Mr. Gindoff replied we are about 5% now, of which that 5%, 3% are fluff plastics that get reprocessed into a fuel blend, so truly only 2% goes to the landfill, which is tremendous. They say that we are about the best in the country.

Ms. Sweedy commented that with this Tag It and Leave It Program, it is going to help us get the word out and hopefully get the residents to do a better job.

Mr. Dour asked how they are going to do this tag it and leave it program? Ms. Sweedy replied that there will be a MUA team effort. A lot of office Staff will be doing the tagging. We will be circling the problem items on the tag. Ms. Sweedy mentioned that Channel 12 news had Monmouth County on and they have just started this program. Some residents are upset, but in many respects, this is the only way to get people's attention.

Mr. Platt asked if we are going to have a record of where this occurs and Ms. Sweedy replied, yes, we are going to have a log of all the addresses that we actually put a tag on the container. Mr. Platt commented that he would be interested in knowing if those individuals continue to recycle or just put it all in the garbage.

Recycling Operations.

Tonnage and Value – The June 2019 ReCommunity/Republic statement was finalized in the amount of **(\$122,476.20)**. The per ton rate for single-stream was **(\$76.39)**. The July statement and tonnages by material and municipality has not been received and/or compiled as of the writing of this report, but is expected to be in by the Board meeting and will be reported on at that time.

Resolutions & Proposals

On 7/3/19, staff obtained Denville's municipal refuse hauling bid for review. The bid proposals will be opened on 9/18/19. Bobby Ross plans to attend the bid opening. The service period will begin on 12/1/19 and continue for one year, three years, or five years.

Collection options listed are:

- Once a week single-stream recycling every Wednesday, plus refuse collection twice a week.
- Once a week dual-stream recycling collection every Wednesday, one-week containers and the next week paper fiber, plus refuse collection twice a week.
- Once a week brush & leaves collection (April 1 through December 15th); January, Christmas Trees

Denville Township is in the third year of the current curbside recycling agreement with the MCMUA, with the option for two additional one-year extensions.

Curbside recycling proposals previously submitted to Madison and Mountain Lakes are still under review by both towns.

Recycling Inspections and Education

On July 10, staff provided a notification to the municipal recycling coordinators in the towns that

participate in the MCMUA's curbside recycling program, with regard to the "tag-it and leave-it" program. Municipalities were asked to publicize the information alerting residents that recycling setouts containing unacceptable materials will be tagged and left at the curb. Staff suggested disseminating this information through direct mailings, municipal websites, municipal newsletters, Twitter, Facebook and other forms of communications including Recycle Coach. In addition, staff contacted Joshua Alzona of Recycle Coach and confirmed that it is possible to create and send "tag-it and leave-it" notifications to residents in the MUA curbside recycling program. Staff is in the process of creating informational tags that will be affixed to those containers that have unacceptable materials when the program commences later this year.

On 7/24, staff conducted a recycling inspection at county building locations (outdoor disposal dumpsters) on Hanover Avenue and Central Park. The following departments' recycling and trash dumpsters were inspected: Office of Health Management, Public Safety Training Academy, Juvenile Detention Center, MC Youth Shelter, Human Services/OTA building, Sheriff's Legal, Office of Community Behavioral Health/Work Force (Central Park), Frelinghuysen Arboretum, Morris County Library and the County garage/motor services on Hanover Avenue.

MUA recycling staff had contacted Tom Dungan, of Morris County Buildings & Grounds, and requested he inform cleaning staff and contact county departments to ensure that all dumpster lids are kept closed to reduce levels of moisture from rain/snow. Republic Services/ReCommunity checks loads of recyclables for excessive moisture content (moisture is considered a contaminant). There were ten buildings inspected and nine had all lids closed. Tom Dungan did a great job in getting the message across and the departments are cooperating. The inspections are crucial in determining how much contamination is present in the recycling stream, and to reveal if mandated recyclables are being mixed with trash (non-compliance with source separation requirements). The Office of Health Management and the Office of Community Behavioral Health/Work Force Development (Medical Drive at Central Park) received stellar reviews! There were issues at the other locations which, included recyclables in plastic bags, and other unacceptable materials found in recycling dumpsters; recyclables found in trash dumpsters. Staff will provide inspection results to Buildings and Grounds, Employment Horizons and contacts in county departments in order to resolve these infractions.

Recycling Customer Support & Curbside Support

On 7/5/19, staff visited the Chatham Borough Recycling depot, department of public works and Town Hall, in order to improve customer relations with municipalities in the MUA curbside recycling program. Staff spoke with Tony Torello, public works director, about the fireworks (outer shells) found in the recycling roll-off containers and about other unacceptable materials. Staff offered to provide an educational presentation to the employees who work at the municipal recycling depot in order for them to understand which materials are acceptable in the recycling stream. They can then properly direct residents to put acceptable recyclables into the recycling containers at the depot. Staff stopped by Town Hall and gave the receptionist single-stream flyers, Environmental Guides, decals, HHW event flyers, and compost flyers. Steve Williams, Borough Administrator, had a discussion with staff regarding the horrendous state of recycling markets. He shared flyers made by the Environmental Commission regarding the "tag & leave" program, and "Bring your own Bag" to stores. There is a collection box in Town Hall for pickup or drop-off of reusable bags. Customer service visits will continue in order to get a better understanding about issues that may exist and to show municipal partners that our main goal is to provide great service, recycling education and to resolve any problems in a timely, professional manner.

On 7/8/19, staff met with Roxbury Board of Education Business Administrator, Joe Mondanaro; Aramark's representative, Renan Guillen; and Kellie Ann Keyes, Roxbury Municipal Recycling Coordinator. The meeting was held in order to discuss recycling practices and existing problems at the Roxbury Township schools. MCMUA provided educational information, photos and inspection findings, as well as suggestions to improve the current recycling program.

Clean Communities

Educational Programs: The MCMUA funded nineteen educational programs at schools, summer camps, recreation programs, libraries, and the 4-H Fair in Chester Township, East Hanover Township, Madison Borough, Mendham Borough, Jefferson Library, Parsippany-Troy Hills Township, Roxbury Township, Randolph Township, Morristown, the Town of Dover, Mendham Township, Long Hill Township and Wharton Borough.

Road Clean-ups: The MCMUA did not sponsor any road cleanups during the month of July.

Miscellaneous Presentations/Meetings/Conference Calls/Correspondence

On 7/3/19, staff provided a recycling presentation to over 100 members of the Hanover Township Senior Citizens Club. Staff gave a PowerPoint overview of the departments that make up the MCMUA and about recycling right. Everyone received an Environment Guide and anyone who asked a recycling question received a pen. It was a lively group and staff received a round of applause at the end!

On 7/9/19, staff sent an award application to the NJDEP for Kellie Ann Keyes, Roxbury Township Municipal Recycling Coordinator. She has been working with apartment complexes and making great strides with them. Staff applied for the Rising Star award for Kellie Ann because it would suit her very well.

On 7/11/19, staff distributed new recycling signs to the municipalities that are in the MUA recycling collection program that have recycling depots. The updated signs will provide current information with graphics so that residents can easily understand which recyclables are acceptable, and those that are not.

On 7/13/19, staff was an exhibitor at the Morris Plains Farmers' market. Outreach materials, decals and household hazardous waste information was distributed. Attendees had many questions about recycling and were concerned about the tag-it and leave-it program!

On 7/19/19 & 7/20/19, staff was an exhibitor at the Morris County 4-H Fair at Chubb Park in Chester Township. Recycling decals, household hazardous waste information and promotional items were distributed. Young fairgoers were happy to receive environmental stickers and bookmarks.

Internship

July 17 & 7/22, staff met with Morgan Brown, intern, to discuss some of the projects that are planned for the internship. In addition, an overview about the MUA was provided; recycling requirements and mandates were discussed, as well as the MUA's household hazardous waste program. Work schedule, project plans and timelines will be discussed in September after the research portion of the current project has been completed.

Wellfield/Open Space Projects

On July 10, staff went to the Alamatong wellfield to catalog the present status of the open space property at this site. The location was broken up into sections for future monitoring by the intern and other MCMUA employees to log and monitor. A portion of the Alamatong wellfield was logged which included a section of the wellfield property and one of the Stull properties. All flora and fauna of these sites were logged using the mobile application, iNaturalist, on County employee issued cell phones. Inaturalist is a mobile application for the recording, sharing, and discussion of tracking in the field observations. More information can be found at the following site: <https://www.inaturalist.org/projects/alamatong-well-field-open-space?tab=observations>

On July 22, staff, including the intern went to the Emmerich and other Alamatong wellfield properties on Park Ave. to repeat this process. All data were recorded on the iNaturalist application for future use.

Moving forward, Intern Brown and other MUA staff will continue this process to include the entirety of the Alamatong site. Brown will also complete research on her own in the following months as a part of the internship project and MUA staff have been working on adding to the draft of the MCMUA open space plan. Anthony Marrone has also compiled educational documentation on native, invasive, and endangered flora and fauna for the staff to utilize. Points of note include the three vernal pools on the wellfield as follows: Vernal pool # 1 (GPS point 40.848065, -74.634217), vernal pool # 2 (GPS point 40.845824, -74.634847), & vernal pool # 3 (GPS point 40.839885, -74.649396)

ATTORNEY REPORT:

Ms. Alexander reported that the HMAT property closed.

PUBLIC PORTION:

There being no comment from the Public, this portion of the meeting was closed.

OLD BUSINESS:

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

NEW BUSINESS:

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

There being no further business, Chairman Hudzik asked for a Motion to adjourn the meeting at 7:55 p.m.

MOTION: Mr. Feyl made a Motion to adjourn the meeting at 7:55 p.m., seconded by Mr. Platt and carried unanimously.

Marilyn Regner
Secretary

/mr