

## MINUTES OF REGULAR MEETING

JANUARY 8, 2019

The Regular Meeting of the Morris County Municipal Utilities Authority was held on January 8, 2019 at 7:10 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. Frank Druetzler, Mr. Fletcher Platt, Dr. Arthur Nusbaum, Mr. Vincent Schindel and Mr. William Hudzik.

ABSENT: Dr. Dorothea Kominos.

Also present were Larry Gindoff, Executive Director; Andrew Holt, P.E., MCMUA Consulting Engineer; Michael McAloon, P.E., Suburban Consulting Engineers; Larry Kaletcher, Treasurer; Marilyn Regner, Secretary; Christopher Falcon, Esq., Maraziti Falcon LLP; James Deacon, Solid Waste Coordinator; and Liz Sweedy, District Recycling Coordinator.

Chairman Hudzik asked for the Board's approval of the Minutes of the Regular Meeting dated December 11, 2018.

MOTION: Mr. Dour made a Motion to approve the Minutes of the Regular Meeting of December 11, 2018 and Mr. Schindel seconded the Motion.

ROLL CALL: AYES: 7 NAYES: NONE ABSTENTIONS: Dr. Nusbaum

### TREASURER'S REPORT:

Mr. Kaletcher presented the Treasurer's Report for the Solid Waste Operating and Water Operating for the month of December 2018. Also included are the Comparative Balance Reports for both Solid Waste and Water through the month of December and an Investment Report that shows that there were no new investments purchased in the month of December. 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. Platt seconded the Motion.

ROLL CALL: AYES: 8 NAYES: NONE ABSTENTIONS: NONE

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

**BILL RESOLUTION NO. 19-01**

**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 aid. The SCHEDULE OF WARRANTS designated as Bill Resolution No. 19-01 containing 7 pages for a total of \$2,742,084.16 dated and made a part hereof by reference.

**SUMMARY**

**CHECK NUMBERS**

WATER OPERATING FUNDS	4464-4501	\$	112,306.02
SOLID WASTE OPERATING	9518-9610	\$	<u>2,629,778.14</u>
		\$	<b>2,742,084.16</b>

**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 8, 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: January 8, 2019.

DATE: January 8, 2019

\_\_\_\_\_  
Larry Kaletcher, Treasurer

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

ROLL CALL: AYES: 8 NAYES: NONE ABSTENTIONS: NONE

**CORRESPONDENCE:**

Mr. Gindoff mentioned with regard to the Correspondence report tonight, there is no additional correspondence. In regard to Item No. 5 of the correspondence regarding the Leddell Preserve Addition, we received a draft copy of a Conservation Partnership Agreement prepared by The New Jersey Conservation Foundation, which we will be forwarding to Counsel for their review. Assuming that all comes in without no issues, we anticipate having a resolution before the Board in February authorizing us to withdraw the \$172,500 that we authorized for this project out of the Open Space Trust Fund.

Chairman Hudzik asked how much money is in the MUA Open Space Trust Fund and Mr. Kaletcher replied approximately nine million dollars.

Regarding Item No. 6 of the correspondence, Mr. Gindoff mentioned that we received a letter asking if we would be interested in considering an open space application in the Harding area off Route 202 on Shale Brook Road. Mr. Gindoff asked the Board if they had any opinion on that application and if he should look into that. Ms. Szwak asked if this is the first one we got like this and Mr. Gindoff replied, yes. Ms. Szwak mentioned that he wants a transition waiver and then he has to offer this for sale. Ms. Szwak asked if this is in the open space plan? She mentioned that it is downstream from the property that we just talked about. Mr. Gindoff mentioned that it is right

on the Passaic River. Mr. Dour mentioned that he assumes that this went to all the other agencies in the County and Mr. Gindoff replied that he is not sure. Mr. Gindoff mentioned that he got a copy of this from Barbara Murray from the County and it was also sent to Dave Helmer. She asked if there was any interest on this from our two perspectives.

Ms. Szwak asked how wouldl this development affect the property? She commented that this is a good application to discuss in the Open Space Committee. Mr. Gindoff commented that assuming that he won't get an answer on this, he will address this application with the Open Space Committee.

Mr. Schindel asked if this is the normal procedure with these applications? Mr. Gindoff replied that typically they do not approach us. Typically we are partnering in these projects and they usually are approaching someone else and we are contributing that last bit of money to close out the deal. He added that we are usually not the primary purchaser, but it doesn't mean we can't be and we have been in the past. As Laura was just describing, we are just developing our procedures on this and trying to help us to come up with a way to evaluate matters like this with the Board. Mr. Gindoff mentioned that he is going to reach out to Dave Helmer regarding this.

Mr. Druetzler asked why wouldn't Barbara Murray suggest that they go out for an open space grant? Mr. Gindoff replied that he doesn't know. Ms. Szwak commented that she doesn't think he wants to and it sounds like he is a developer. Mr. Barry commented that the river is right there, and this land can't be used. They are looking for a waiver and doesn't know how they are going to get it. This is just a wetland and he is not sure what they want us to do. Mr. Gindoff commented why would we want to buy wetlands that can't be developed. Ms. Szwak mentioned that they might get the waiver. If this is consistent with our open space plan, we should seriously look at it. If not, maybe not. Ms. Szwak asked if there is a deadline with this and Mr. Gindoff replied there is a 90 day deadline on this and we received it just before Christmas, so if we don't respond to him within 90 days, the deal is off the table. Mr. Gindoff mentioned that we meet and discuss this. Ms. Szwak mentioned that she will look up this property and see if she can get any more information on it.

Mr. Schindel asked Ms. Szwak if it is possible that this property has no building value and Ms. Szwak replied that it is appraised at \$500,000, so there must be a building opportunity because wetlands isn't going to appraise at \$500,000. Mr. Schindel commented that is what he is alluding to here with a question. If there isn't, why he is looking to get some open space money or money from us if he can't use it anyway?

Notice of Rate Proposal – Raritan Basin System received December 24, 2018 from New Jersey Water Supply Authority advising that there will be no revisions to their Schedule of Rates, Charges and Debt Service Assessments for the sale of water from the Raritan Basin System.

Letter dated January 3, 2019 from Laura Cummings, P.E., Executive Director, Southeast Morris County Municipal Utilities Authority to Larry Gindoff regarding notice from Passaic Valley Water Commission indicating an increase in the wholesale water rate of 3% effective January 1, 2019, increasing the rate charged to MCMUA to \$3,081.37 for water billed on or after January 1, 2019.

Letter dated December 18, 2018 to James E. Deacon from Edward A. Nieliwocki, Contract Administrator 3, Bureau of Planning & Licensing, NJDEP, regarding Notice of Completeness for Morris County District Solid Waste Plan Amendment of 11/19/18 for inclusion of KDS Aggregates, LLC Class B Recycling Center.\_

Email dated December 20, 2018 from Charles Duprey, President, Naturcycle, to Anthony

Marrone regarding MCMUA Vegetative Waste Site visit.

Email dated December 20, 2018 to Messrs. Gindoff and Helmer from Ingrid Vandegaer, New Jersey Conservation Foundation, regarding status update on the Bartenstein Land Acquisition – Leddell Preserve Addition.

Letter dated December 20, 2018 from Environmental Technology Inc. to Morris County Board of Chosen Freeholders regarding potential open space application submitted by Estate of Gertrude S. Petrozzo located at Shalebrook Drive, Harding Township, Morris County.

Letter dated January 4, 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 December 2018.

Letter dated January 4, 2019 to New Jersey Department of Environmental Protection from Anthony Milonas, Water Superintendent, regarding Quarterly Report of Damaged Underground Facilities of the Morris County MUA for the month of December 2018.

**ENGINEER'S REPORT:**

Mr. Holt provided the following updates: (1) Item 1A is a summary of our 2018 water production. Some discussion came up concerning the basis on which we set budgets each year and 2018 was not a banner year for water sales and it fell short of what we base our estimates on. It was a wet year and we believe that low flow water fixtures are curtailing some of the demand, but our basis for the 2019 number also incorporates some estimated increase in customer base within our municipal customers, including Randolph, Wharton and Mt. Arlington, so the basis for our new number for 2019 is 1.55 billion gallons.; (2) Item B is the summary of our discussions with Wharton. We had a meeting with them recently on December 18. There were a couple reasons for the meeting. One was to discuss their water storage tank rehabilitation project, which will not have much affect on our interconnection supply to them, but just a little bit of coordination is necessary to accommodate their taking their tank off line. Also, their usage patterns have changed significantly over the last year or two, so we had a chance to discuss what the Whitlock or Refresco usage patterns had been, as well as their own in-house production. They have three wells that they produce water with and they've have increased their own in-house production, and therefore, have had to demand less from us through 2018, so that was an explanation of the changes in their demand pattern. They also identified that they are in an opportunity zone where they have a lot of redevelopment plan so they are providing to us some meaningful realistic numbers for future demand that they will have in their customer base and an analysis of whether that will fit within their contract volumes or not that they hold with us. Dr. Nusbaum asked is it a five year, ten year or fifteen year plan? Mr. Holt replied that it is a five year plan. Mr. Holt added that it is an opportunity zone and it is an optimistic plan.

(3) Item C is the summary of our discussion with all of the municipalities that are served by the Morris County MUA. We have gotten some good meaningful forecast data from Randolph, Mine Hill, Mt. Arlington and now Wharton will be shortly providing that information to us. Some of other towns that really didn't have as accurate a forecast or basis for numbers was Roxbury, Jefferson, and Denville. Par-Troy is a small service area, so there is not likely to be a change there.

He mentioned that the Water Committee met just before this meeting and we appreciate their time. We had time to go through these items in more detail, but ask any questions on what is being covered here briefly as there is a lot to read in our report. The Water Committee was generally understanding in what we were presenting. We will be putting a summary report together of the demand prediction, the forecast over the next five years of what the Morris County MUA customer

base may look and what it may require, if it all fits within the contract volumes or if there are any customers who are going to exceed their contract volume. That will give us the basis on which to proceed for how to find other sources or how to renegotiate contracts and how to plan going forward.

Mr. Holt mentioned that the Water Committee is going to meet again this month to review the regulations, specifications and rate schedule on January 22. He mentioned that hard copies of the draft document that is being reviewed and considered will be distributed to the entire Board at the end of the meeting. The Water Committee will review those questions and comments and will come up with a final recommendation. Mr. Gindoff asked for the Board to provide their comments to him by a week from Friday, so we could incorporate all your comments as we discuss them at the Water Committee Meeting on January 22.

(4) Item 2, the Markewicz Pump Station Electrical Upgrades – That project is currently out to bid and bids are due at the end of the month, January 31. There are several plan holders. We are hoping there will be a few more before bids are due and there is another walk-through scheduled to accommodate contractors and their vendors to see the site and understand the scope of the project fully before they submit their bids.

(5) Lastly, Southeast Morris County MUA – We have been continuing our dialogue with them and we were scheduled to have a meeting today, but it was moved to January 23 to further discuss the resiliency and redundancy, supply scenarios and inter-relationship between the Morris County MUA and Southeast for opportunities for efficiency and reliability on our supply scenarios.

**PROJECT STATUS**

*1. General System*

A. **SUBURBAN CONSULTING ENGINEERS, INC. (SCE)** has confirmed the total water production for FY 2018 which was determined to be 1,497,023,000 gallons. As part of our budget planning process for FY 2018, we established the projected demand of 1,573,600,000. Based on the actual volume produced, there is a deficit of 75,577,000 gallons (or 4.9%) shortfall from the actual water sold. Based on the MCMUA 2018 wholesale water rate of \$2,523.00/MG, this represents a \$193,203.77 (4.9%) shortfall in water sales revenue as depicted in the below summary:

**Table 1. 2018 Water Production Analysis**

Year	Total Water Produced [Gallons]	Budgetary Projected Water Production [Gallons]	Difference in Water Sales [Gallons]	% Difference	Rate [\$/MG]	Amount Gain/lost
2018	1,497,023,000	1,573,600,000	(76,577,000)	-4.9%	\$ 2,523.00	\$ (193,203.77)

The basis for the 2018 estimated production was the previous five (5) years of water production figures which have been summarized below and depict a peak water production amount in 2015 of 1.672 billion gallons followed by 1.629 billion gallons sold in 2016. SCE has seen a decline every year in the total water produced from 2015. Several factors are believed attributable to this declining trend.

**Table 2. MCMUA Previous Water Production**

Year	Total Water Produced [Gallons]	Projected Water Production [Gallons]
2013	1,438,519,996	-
2014	1,535,267,600	-
2015	1,672,843,000	-
2016	1,629,430,000	-
2017	1,535,997,000	-
2018	1,497,023,000	1,573,600,000
2019	-	1,550,000,000

It should be noted 2018 is being reported as one of the wettest in New Jersey’s recorded history with over 60-inches of rain throughout the year within this region compared to an annual average of 45 inches. Also, low flow water conserving fixtures and tiered water rates have resulted in declining usage rates. In response to this information we have reduced our projected water production estimates for our 2019 planning and budget purposes to 1.55 billion gallons. This incorporates the average water sold over recent years, as well as incorporates the anticipated immediate future needs from our existing customers. It is expected that the actual 2019 volume will land with our estimate within 5% of the volume forecast.

- B. As a summary, through our meeting with the Borough of Wharton (Wharton) which was held on December 18, 2018, discussions with regard to the upcoming Wharton Tank Isolation project, as well as Wharton System Usage were held.

Wharton is currently planning rehabilitation of their 1 MG steel water storage tank in the near future. In reviewing the existing as-built plans, there are inadequate valves to successfully isolate the existing tank while maintaining MCMUA system service. It was discussed these modifications should be constructed downstream of the existing Wharton meter pit as isolation valves are available to perform this work without the pipe being in service. This shutdown can be performed with adequate notice which MCMUA requested as two (2) weeks.

Wharton indicated they have recently completed a leak detection survey which resulted in the discovery of significant system leaks. The leaks were repaired in May/June of 2018 which has resulted in a reduction of MCMUA water usage. Additionally, it was discussed the Whitlock Facility is now owned by *Refresco*. Through portions of the summer, this facility was out of operation, however, based on water usage records from November 2018 and December 2018 it appears operation has returned to normal usage patterns.

Wharton is currently preparing a summary of their anticipated future projects, but indicated significant redevelopment is anticipated in both residential and commercial zoning areas, with Wharton being classified as an Opportunity Zone. Based on a reduction of existing water usage through leak detection, they anticipate adequate capacity within existing water supply contracts.

- C. SCE has participated in future demand meetings with several existing water customers in 2018 including the Township of Randolph, the Township of Mine Hill, the Borough of Mt. Arlington and the Borough of Wharton to begin to understand future projections of necessary water demand, as well as correspondence with the remaining customers to understand the system needs. SCE has included the below detailed summary:

**Table 3. Future Projected Monthly Water Demand**

MUNICIPALITY	EXISTING MONTHLY CONTRACT AMOUNT [MGM]	CURRENT PEAK MONTHLY DEMAND [MG]	ESTIMATED PROJECTED MONTHLY WATER DEMAND [GPD]	PEAKED ESTIMATED PROJECT MONTHLY DEMAND [MGM]	NEW PROJECTED CURRENT PEAK MONTHLY DEMAND [MGM]	AVAILABLE WITHIN CONTRACT [MGM]
RANDOLPH	87.34	73.42	253,000	11.76	85.18	2.16
MINEHILL	17.36	9.91	96,000	4.46	14.38	2.98
ROXBURY	16.30	16.91	-	-	-	-
DENVILLE	24.80	22.77	-	-	-	-
PAR-TROY	1.86	1.47	-	-	-	-
JEFFERSON	14.88	15.39	-	-	-	-
MT.ARLINGTON	10.75	9.66	27,920	1.30	10.96	-0.21
WHARTON	15.00	18.18	-	-	-	-

\*In accordance with N.J.A.C. 7:10-11.5(g)1, the peaking factor for the monthly demand is 1.5 times 31 days in a month to estimate peak monthly water demand

Based on information obtained during our meetings, the Borough of Mt. Arlington currently does not have adequate water availability based on current contractual amounts.

The Township of Randolph currently has adequate capacity for its anticipated upcoming development projects. However, it is also discussed additional demands may increase

significantly with the failure of private wells, in the estimated amount of 0.75 MGD. Depending on when these failures occur, the connection to the public water system will result in usage which exceeds available amounts.

The Township of Mine Hill indicated while current projects are planned, they do not anticipate requiring additional volume beyond current water supply contract.

As discussed, Wharton has significantly reduced the volumes each month due to correction of water system leaks. Wharton is currently compiling a complete list of their project, but expect adequate water to be available for the future development projects within current contract limits.

Through informal discussions with the Township of Jefferson, redevelopment of their water supply sources was recently performed to reduce reliance on MCMUA water usage. They did not provide a list of anticipated projects but indicated they do not envision requiring additional volume.

The Township of Roxbury is currently working on preparing updates to its Master Plan and did not have any available information at this time.

SCE is working on scheduling a meeting with the Township of Denville to review its projected water demand projects and will report on those results when available.

The area of the Parsippany water distribution system in which MCMUA serves does not have opportunity for future development, as it is a small portion of the overall system at a higher elevation. It is anticipated no additional volume is necessary at this time.

D. Following the Water Committee acceptance, SCE is prepared to present a Resolution adopting the updated "Regulation, Specifications and Rate Schedule" document.

2. Markewicz Pump Station Electrical Upgrades Design Project

**Mott MacDonald** (MM) completed the preparation of the plans and specifications, and held a non-mandatory pre-bid meeting on Thursday December 13, 2018 at the project site. Through the meeting, it was discussed about having a second pre-bid meeting in January to provide additional opportunities to evaluate the site and prepare and submit any clarifications. The bid opening is scheduled for Thursday January 31, 2019, pending any addendum which will require modification of the bid opening date.

3. South East Morris County Municipal Utilities Authority (SMCMUA) & MCMUA Coordination

The next meeting to discuss potential demand forecast is scheduled for January 8, 2019. SCE will be prepared to present the discussion items at the January 8, 2019 MCMUA Board Meeting.

**SOLID, HAZARDOUS & VEGETATIVE WASTE REPORT:**

Mr. Deacon provided the following highlights: (1) Regarding tonnage for December 2018, this year was the largest quantity of solid waste accepted since 2008, exactly ten years ago.; (2) With regard to KDS, Mr. Deacon mentioned that he completed the review of the package that was sent from KDS to the MUA and DEP. It is the same as originally given to us, but with a little more detail for DEP.; (3) Regarding Northeast Products, we are waiting for a formal resolution from the Township of Roxbury and are anticipating that soon.; (4) Regarding Household Hazardous Waste, he mentioned the 2018 totals was 2,215 which was up from 2017, which was 1,999. With regard to the four HHW events, we recently confirmed CCM for early June in Parking Lot 1. We are starting to work on our new HHW flyers and as an aside, we have been doing some data collection for the HHW events and found out that Chatham High School held on October 17, 2018 was our 100<sup>th</sup> HHW event day dating back to 1985.

Dr. Nusbaum asked Mr. Deacon for next month if he could tally the number of tons of household hazardous waste that we have removed over those years? Mr. Deacon replied that we can from 1985-1998, but then after that we are trying to total the amount that we paid the amount of vehicles

we processed, who was the vendor, and what was the location of the event. Mr. Gindoff commented that we really don't weigh these drums when we move them, so we really don't have a number on that. Mr. Deacon mentioned that in the earlier days, the MUA paid on weight and then we went to bid per vehicle process. Mr. Gindoff commented that we use to pay a lot more in the early days than now when we were paying per pound versus per vehicle. He mentioned that there was a bit of information we lost as we changed our process, but it has been worthwhile.

(5) Mr. Deacon mentioned that next month we plan on presenting a resolution for household hazardous waste to change the price from \$1.25 a pound to \$1.50 a pound for out-of-county and businesses and that will also include what we charge for latex paint for in-county and out-of-county. Mr. Gindoff mentioned that for the businesses that use our program, it is a bargain that they can get rid of the material so easily and inexpensively. Mr. Deacon added that is much easier for small businesses to come to us than pay someone else. Mr. Gindoff mentioned that we accept latex paint at our permanent facility if participants don't want to dry it out and we currently charge a fee of \$1.25 a pound for in-county and out-of-county, but do not accept latex paint at HHW events.

Mr. Deacon mentioned with regard to HHW site improvements, we are working on specifications for the new shed replacement, which is the smaller of the two HAZ sheds. We went out today and took pictures and measurements and we are going to meet and review with the Fire Marshal's Office to make sure we are good before we go out to bid.

(6) With regard to vegetative waste, we have seen an increase in no-cost wood chips drop-off so we were looking to charge \$2.00 per cubic yard to accept wood chips from commercial customers, not municipalities. Mr. Gindoff asked if he prepares a resolution for increase in wood chips for next month, does the Board have any issues with that? The Board concurred with a resolution.

Mr. Dour mentioned that we had discussion last month on the ash bore trees being cut down and asked how that is being handled and Mr. Gindoff replied that is happening at the County level and that waste stream will not be coming to us for the most part. The County is contracting with a private tree company and they are responsible for the disposition of the material. Mr. Gindoff mentioned that we have gotten calls for it, but we do not have any room for it at the sites.

(7) Mr. Deacon mentioned that outbound marketing goes in conjunction with the wood chips. We had Charles Duprey from Naturecycle meet with me, Bobby, Anthony and Larry. We went over both our sites, the site plans, some of the permit requirements and then we actually made site visits to Parsippany and then to Mt. Olive. Mr. Duprey was very impressed with the quality of our material. His words were there is no reason why we shouldn't be moving our materials, especially in Northern New Jersey. He took samples of the mulch and compost from both locations and the lab results should come back next week. He wanted to go over the lab results first to see the quality of the material and how and where he can market the products. It seems that we are in good shape. He is very happy with the cleanliness, the sloping of the site and no standing water. He did have an issue with Camp Pulaski because it does get cold up there and sees issue with the material keeping a proper temperature. He mentioned adding wood chips to the material to get the nitrogen cooking a little better. We think a public/private partnership to market vegetative products may be good for us this year.

Mr. Dour asked if this is a service that he is providing free of charge? Mr. Gindoff replied, no. We will most likely listen to what his business plan is and prepare a RFP in consideration of that. He anticipates just understanding the way this business works and going out for a proposal on that sort of project. Mr. Deacon mentioned that it seems like he deals with larger sites. Mr. Gindoff added that he does a lot of engineered soil where he blends small amounts of organic materials with other materials that he gets from other sources. He is looking for a source of organic material in northern New Jersey. Mr. Dour commented so he is looking for a source; it's not like he is marketing our material. Mr. Gindoff replied no; we were discussing entering into some sort of contract where we would obligate him to market all our material. It would be a service that he would be doing for us to market our material and tell us how we need to prepare for different potential projects, including potentially putting in equipment at the vegetative waste sites. He is not looking to run our facilities on the inbound, he is looking to move our material offsite. We are just looking to move the material and find a constant demand and he says he has outlets for it, so we have some hope that our marketing position may improve.

## **TRANSFER STATIONS**

**Tonnage-** For the month of December 2018, the quantity of solid waste accepted at the two transfer stations was 33,475 tons. This monthly tonnage for December 2018 was 11.46% greater than the 30,033 tons accepted a year ago in December 2017. For the 4<sup>th</sup> quarter of 2018, overall tonnage increased 11.84% compared to the 4<sup>th</sup> quarter of 2017. The quantity of waste accepted continues to increase at the transfer stations, especially with respect to construction and demolition debris.

For the year 2018, the annual total tonnage was 417,004 tons, which was 5.27% more than the 396,139 tons accepted in 2017. This is the largest quantity of solid waste accepted annually since 2008, exactly 10 years ago. Please refer to the Transfer Station Disposal Report by Month for additional information.

## **SOLID WASTE MANAGEMENT PLAN**

**KDS Aggregates, LLC- Plan Inclusion Request-** An application for a proposed class “B” recycling facility to be located on Waterloo Valley Road in Mount Olive, formerly used as a concrete plant, was submitted to the Morris County Board of Chosen Freeholders for its consideration of including the proposed facility in the Solid Waste Management Plan (Plan). KDS intends to redesign and reopen the concrete plant and equip it to store and process up to 500 tons per day of concrete, brick, block and asphalt.

The MCMUA received the NJDEP Notice of Completeness for the KDS Aggregates, LLC Plan inclusion request. This notice is included with the correspondence for the January 2019 Board meeting. The MCMUA also received a copy of the complete packet sent to the NJDEP from KDS Aggregates, LLC. This includes a copy of the Solid and Hazardous Waste Fee Evolution Form, the Solid Waste Facility Application Form, the Class B Recycling General Approval Checklist, the Class B Recycling Facility Plan, and the KDS Facility Operations Plan. MCMUA staff reviewed this packet finding it consistent with the September 2018 Morris County Solid Waste Management Plan Amendment.

**Northeast Products, LLC- Plan Modification Request-** A class “B” recycling facility (formally known as Nature’s Choice and/ or The Stump Factory) located on Block 8901; Lots 2 and 2.01 in Roxbury Township, is currently approved to accept trees, tree parts, stumps, and brush from landscapers, land clearing operations, and municipalities. Additionally, it is approved to accept leaves under an exemption from the general approval notification. The current request from Northeast Products is to accept wood pallets and other clean dimensional lumber. These new materials would be processed as part of Northeast’s existing recycling processes to handle stumps and other large natural wood waste.

The MCMUA received a letter from Mr. Michael A. Pellek, Township of Roxbury, Fire Prevention Bureau, Fire Official and Safety Officer, endorsing a Plan modification requested by Mr. Julio Galarza of Solid Waste Compliance, LLC., representing Northeast Products, LLC. The MCMUA is currently waiting for a formal resolution to be adopted by the Township of Roxbury regarding its position on the inclusion of these new materials to be accepted for recycling.

**Novartis Pharmaceuticals Corporation- Request for Termination-** On December 14, 2017, Novartis Pharmaceuticals Corporation (Novartis) submitted to the New Jersey Department of Environmental Protection (NJDEP) a request for termination of their Solid Waste Facility Permit (SWFP) pertaining to their small-scale incinerator/ Solid Waste Energy Recovery System (ERS). Novartis received a termination confirmation letter from the NJDEP dated January 22, 2018, with an effective termination date of February 5, 2018. Novartis then requested that the MCMUA remove the small-scale ERS from the Morris County Solid Waste Management Plan. The MCMUA attempted this Plan removal action by means of an administrative action request letter to the NJDEP in early November. The Bureau completed the review of the administrative action request and determined that a full-blown Plan Amendment needs to be submitted. The entire formal Plan Amendment process includes SWAC (Solid Waste Advisory Council) and

Morris County Freeholder participation. Staff will begin this Plan amendment process to remove this facility beginning in the new year.

## **HOUSEHOLD HAZARDOUS WASTE MANAGEMENT**

### **Program Participation**

Residents and businesses continue to schedule household hazardous waste (HHW) appointments at the MCMUA permanent HHW facility in Mount Olive into the start of 2019. The MCMUA had a total of 218 completed appointments at the HHW facility during the month of December 2018. The 2018 annual completed appointments totaled 2,215. This can be compared to 2017 participation which totaled 1,999 completed appointments.

MCMUA staff and the current environmental contractor, MXI, plan on hosting four (4) one-day HHW drop-off events in 2019. Two (2) event days will be hosted at the Morris County Public Safety Training Academy (MCPSTA) in Parsippany. The third event was recently confirmed with the local Pequannock Health Officer for Pequannock Valley Park in mid-October. The MCMUA is looking at the parking lot of the County College of Morris (CCM) in Randolph as a possible new event location for the fourth and final date. Once these dates and locations have all been confirmed with all parties involved, new 2019 HHW event flyers will be generated for distribution and the programs will be publicized throughout the county.

HHW Saturday coverage at the permanent facility in Mount Olive has been arranged for 2019. MCMUA Staff continue to rotate Site Supervisors updating the MCMUA Operations Calendar. The coverage schedule also includes the four (4) one-day HHW drop-off events in 2019.

Staff is recommending the Board consider authorizing an increase the per pound handling fee charged to out-of-county residents and eligible Very Small Quantity Generators (VSQGs) from the current fee of \$1.25 to \$1.50/lb. This fee increase would also cover the cost to dispose of latex paints for those that choose not to dry it out and throw it out themselves. The \$1.25/lb. fee has been in place for over 20 years since the facility opened and covered the cost when the price charged to the MCMUA was in the \$0.65/lb. range but the disposal price has risen over the decades and the MCMUA is currently charged a flat \$0.99/lb. for material accepted. Use of the HHW facility would continue to be free of charge to Morris County residents delivering standard residential HHW. If the Board concurs with this recommendation, a formal resolution will be presented to the MCMUA Board for its consideration during the February meeting.

**Program Related Training Events-** All five (5) MCMUA HHW Site Supervisors have been scheduled for their annual 2019 8-Hour Hazardous Materials First Responder Operations (HazWoper) General Site Worker Refresher Training at Veolia Environmental Services (ES) in Flanders on May 20. One (1) HHW Site Supervisor is also scheduled for his 8-Hour Hazardous Materials Transportation (DOT) Training on May 21 at Veolia ES. Recertification for DOT is required every three (3) years.

**HHW Site Improvements-** The MCMUA continues to work with the Morris County Fire Marshal's Office to improve communications with the two (2) Haz Waste Sheds and the County Communications Center during alarms events. Issues were discovered with the new Haz Shed during a recent inspection. County contractor, F.A.S.T. (Fire and Security Technologies), has been scheduled to make the necessary repairs. Replacement of the smaller Haz Shed has been identified for 2019.

## **VEGETATIVE WASTE MANAGEMENT**

MCMUA staff is recommending the Board consider adjusting the fee for the acceptance of wood chips at the compost facilities. Currently the MCMUA accepts wood chips for recycling at no charge. Due to on-going space limitations at the sites as well as a dramatic decrease in the demand for mulch, staff is recommending charging \$2.00 per cubic yard for the acceptance of wood chips from commercial customers and non-Morris County Municipalities. It is recommended that the drop off of wood chips would continue to be free for municipalities that use MCMUA locations. If the Board concurs, a formal resolution will be prepared for the Board's consideration during the February meeting.

**Outbound Materials Marketing** - On December 18, MCMUA staff Larry Gindoff, Bobby Ross, James E. Deacon, and Anthony Marrone met with Mr. Charles Duprey, President of

Naturecycle LLC. Naturecycle is a firm focused on providing compost and engineered soils to various businesses and large-scale projects in the tristate area. Mr. Duprey was interested in assisting the MCMUA in the sales of our vegetative waste materials from both of our facilities but needed more information on our process first. Mr. Duprey was physically shown each site, reviewed related paperwork, site plans, and permit requirements, and took samples of mulch and compost from both locations. Mr. Duprey informed the MCMUA that he would suggest a tailored approach to each site, but some general benefits a recycling marketing partnership can provide in selling our compost are:

- *A revenue share approach to drive the highest value for each sale*
- *A special revenue shares on soils projects using MCMUA compost in Engineered Soils*
- *Compost manufacturing support and assistance as part the partnership*

Mr. Duprey currently serves as the Vice Chair of the US Composting Council Market Development Committee (USCC), and has served on the USCC and taught compost marketing for many years. The MCMUA expect to hear back from him with more details in the near future once the sample results are received back from his lab. Mr. Duprey did comment on how well-maintained both sites were, and the overall excellent quality of the materials the MCMUA produces. He mentioned that he sees no reason that our final products could not be moved, especially in the area of northern New Jersey.

### **RECYCLING REPORT:**

Ms. Sweedy reported the following: (1) The preliminary rate for single stream for the month of December is -\$33.76, which is down 23 cents from the rate in November, so it has stabilized for now.; (2) Our MUA Curbside Department began curbside recycling collection of Florham Park Borough on Thursday, January 3, which was also the make-up collection for Hanover Township, as New Year's Day fell on the regular collection day. The Curbside Recycling Department successfully completed both towns and they did an outstanding job. Florham Park residents are extremely happy to have the MUA collection services back in place. This was according to staff members that were on hand on the first day of collection and we are very pleased about that.; (3) The REA application was prepared and will be submitted to the NJDEP; and (4) The poster contest winners are displayed in the front of the room. The artwork has been replicated onto the beautiful recycling containers and the text on the lids "empty bottles and cans" is what we are really trying to promote at schools, because when we do waste audits and inspections at schools, quite unfortunately, we find a lot of plastic bottles that contain liquid, therefore, those will not be recognized as a plastic bottle at the material recovery facility (ReCommunity) due to the weight. This is a part of our education campaign, as well as promoting Keep Morris County Litter Free. It is a really great program and is very well received by the schools!

Chairman Hudzik mentioned that he heard on some news reports that the State is looking for 50% recycling rate and they are at 44%., is that true? Ms. Sweedy replied that Morris County is at about 53% recycling rate. Mr. Gindoff commented that the State goal is at 50%. The State is below it currently. Morris County is the only County in northern New Jersey that is above it. We are one of three that are over the 50% goals. Ms. Sweedy mentioned that we have to keep in mind that that the DEP numbers are running a couple of years behind. Mr. Gindoff mentioned that we just had our biggest disposal year in a long time. Recycling costs have been skyrocketing. We took in a lot of garbage this year, but it is not going to help the recycling rate.

Mr. Dour asked about the material that cannot be recycled that is directed to a landfill or wherever ReCommunity sends their waste, does it go through our system? Mr. Gindoff replied that they have two types of waste products. They have garbage that goes to the transfer station and they have a fluff material that is incinerated to generate electricity and that goes to a facility in Ohio to further reclaim energy. If we have about 6% residue, about 4% goes into that fluff material, which is little pieces of fluffy plastics and about 2% ends up being material that is inappropriate for that fluff operation and comes to our transfer station. Mr. Dour asked if the waste that goes out as waste, does that come back to us in our numbers for solid waste generation? Mr. Gindoff replied yes because that is considered generated in Mine Hill, since material is source separated, that residue material counts as garbage.

Mr. Druetzler asked Larry Gindoff if there will be any impact with Covanta closing their facility in Warren County? Mr. Gindoff does not believe that the closing will impact us.

Ms. Sweedy asked for the Board's approval of the following resolutions:

**RESOLUTION NO. 19-02**  
**RESOLUTION AUTHORIZING EXECUTION OF AMENDMENT TO THE**  
**SHARED SERVICES AGREEMENT BY AND BETWEEN**  
**THE MCMUA AND HARDING TOWNSHIP FOR THE**  
**MARKETING OF RECYCLABLE MATERIALS**

**WHEREAS**, on January 25, 2016, the Morris County Municipal Utilities Authority (Authority) entered into an Agreement with FCR Morris, LLC for the marketing of Recyclable Materials ("FCR Contract"), which contract provides the Authority with certain rates for the Recyclable Materials delivered to FCR by the Authority; and

**WHEREAS**, Resolution No. 16-44 approved on September 13, 2016, authorized the MCMUA to enter into a shared services agreement with the Township of Harding (Harding); and

**WHEREAS**, the Authority desires to amend the shared services agreement; and

**WHEREAS**, FCR Morris, LLC will send delivery reports directly to Harding to be reconciled against loads of Fiber Mix, Container Mix and/or Single-Stream Recyclables delivered to FCR Morris LLC; and

**WHEREAS**, Harding will reconcile the weight tickets for loads of recyclables delivered to FCR Morris, LLC and will advise FCR Morris, LLC of any changes or corrections to those weight tickets; and

**WHEREAS**, FCR will provide the Authority the quantity of tons of Fiber Mix, Container Mix and/or Single-Stream Recyclables delivered to FCR Morris, LLC every month from Harding following the reconciliation process; and

**WHEREAS**, the Authority will use this information to send a monthly bill to Harding; and

**WHEREAS**, the Authority will discontinue charging a monthly administrative fee of \$10.00 to Harding.

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

1. The Executive Director is authorized to execute the Amendment to the Shared Services Agreement by and between the Authority and Harding Township for the monitoring of weight tickets and direct communication with FCR Morris, LLC in substantially the same form as on file in the office of the Authority.
2. The Authority's staff and consultants are hereby authorized to take all other actions necessary or desirable to effectuate the terms and conditions of this Resolution.
3. 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 8, 2019.

MORRIS COUNTY MUNICIPAL  
UTILITIES AUTHORITY

By: \_\_\_\_\_  
William Hudzik, Chairman

ATTEST:

\_\_\_\_\_  
Marilyn Regner, Secretary

**MOTION:** Mr. Barry made a Motion to authorize execution of Amendment To The Shared Services Agreement By And Between The MCMUA And Harding Township For The Marketing of Recyclable Materials and Dr. Nusbaum seconded the Motion.

**ROLL CALL:** AYES: 8      NAYES: NONE      ABSTENTIONS: NONE

**RESOLUTION NO. 19-03  
RESOLUTION AUTHORIZING EXECUTION OF AMENDMENT TO THE  
SHARED SERVICES AGREEMENT BY AND BETWEEN  
THE MCMUA AND RANDOLPH TOWNSHIP FOR THE  
MARKETING OF RECYCLABLE MATERIALS**

**WHEREAS**, on January 25, 2016, the Morris County Municipal Utilities Authority (Authority) entered into an Agreement with FCR Morris, LLC for the marketing of Recyclable Materials (“FCR Contract”), which contract provides the Authority with certain rates for the Recyclable Materials delivered to FCR by the Authority; and

**WHEREAS**, Resolution No. 16-45 approved on September 13, 2016, authorized the MCMUA to enter into a shared services agreement with the Township of Randolph (Randolph); and

**WHEREAS**, the Authority desires to amend the shared services agreement; and

**WHEREAS**, FCR Morris, LLC will send delivery reports directly to Randolph to be reconciled against loads of Fiber Mix, Container Mix and/or Single-Stream Recyclables delivered to FCR Morris LLC; and

**WHEREAS**, Randolph will reconcile the weight tickets for loads of recyclables delivered to FCR Morris, LLC and will advise FCR Morris, LLC of any changes or corrections to those weight tickets; and

**WHEREAS**, FCR will provide the Authority the quantity of tons of Fiber Mix, Container Mix and/or Single-Stream Recyclables delivered to FCR Morris, LLC every month from Randolph following the reconciliation process; and

**WHEREAS**, the Authority will use this information to send a monthly bill to Randolph; and

**WHEREAS**, the Authority will discontinue charging a monthly administrative fee of \$25.00 to Randolph.

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

1. The Executive Director is authorized to execute the Amendment to the Shared Services Agreement by and between the Authority and Randolph Township for the monitoring of weight tickets and direct communication with FCR Morris, LLC in substantially the same form as on file in the office of the Authority.
2. The Authority's staff and consultants are hereby authorized to take all other actions necessary or desirable to effectuate the terms and conditions of this Resolution.
3. 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 8, 2019.

MORRIS COUNTY MUNICIPAL  
UTILITIES AUTHORITY

By: \_\_\_\_\_  
William Hudzik, Chairman

ATTEST:

\_\_\_\_\_  
Marilyn Regner, Secretary

**MOTION:** Mr. Platt made a Motion to authorize execution of Amendment To The Shared Services Agreement By And Between The MCMUA And Randolph Township For The Marketing of Recyclable Materials and Ms. Szwak seconded the Motion.

**ROLL CALL:** AYES: 8 NAYES: NONE ABSTENTIONS: NONE

**RESOLUTION NO. 19-04  
RESOLUTION AUTHORIZING EXECUTION OF AN AMENDMENT TO THE  
SHARED SERVICES AGREEMENT BY AND BETWEEN  
THE MCMUA AND THE TOWNSHIP OF ROCKAWAY FOR THE  
MARKETING OF RECYCLABLE MATERIALS**

**WHEREAS**, on January 25, 2016, the Morris County Municipal Utilities Authority (Authority) entered into an Agreement with FCR Morris, LLC for the marketing of Recyclable Materials ("FCR Contract"), which contract provides the Authority with certain rates for the Recyclable Materials delivered to FCR by the Authority; and

**WHEREAS**, Resolution No. 16-46 approved on September 13, 2016, authorized the MCMUA to enter into a shared services agreement with the Township of Rockaway (Rockaway); and

**WHEREAS**, the Authority desires to amend the shared services agreement; and

**WHEREAS**, FCR Morris, LLC will send delivery reports directly to Rockaway to be reconciled against loads of Fiber Mix, Container Mix and/or Single-Stream Recyclables delivered to FCR Morris LLC; and

**WHEREAS**, Rockaway will reconcile the weight tickets for loads of recyclables delivered to FCR Morris, LLC and will advise FCR Morris, LLC of any changes or corrections to those weight tickets; and

**WHEREAS**, FCR will provide the Authority the quantity of tons of Fiber Mix, Container Mix and/or Single-Stream Recyclables delivered to FCR Morris, LLC every month from Rockaway following the reconciliation process; and

**WHEREAS**, the Authority will use this information to send a monthly bill to Rockaway; and

**WHEREAS**, the Authority will discontinue charging a monthly administrative fee of \$25.00 to Rockaway.

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

1. The Executive Director is authorized to execute the Amendment to the Shared Services Agreement by and between the Authority and The Township of Rockaway for the monitoring of weight tickets and direct communication with FCR Morris, LLC in substantially the same form as on file in the office of the Authority.
2. The Authority's staff and consultants are hereby authorized to take all other actions necessary or desirable to effectuate the terms and conditions of this Resolution.
3. 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 8, 2019.

MORRIS COUNTY MUNICIPAL  
UTILITIES AUTHORITY

By: \_\_\_\_\_  
William Hudzik, Chairman

ATTEST:

\_\_\_\_\_  
Marilyn Regner, Secretary

**MOTION:** Ms. Szwak made a Motion to authorize execution of Amendment To The Shared Services Agreement By And Between The MCMUA And Rockaway Township For The Marketing of Recyclable Materials and Mr. Dour seconded the Motion.

**ROLL CALL:** AYES: 8 NAYES: NONE ABSTENTIONS: NONE

Ms. Sweedy asked for the Board's approval of the following Resolution:

**RESOLUTION NO. 19-05**  
**RESOLUTION AUTHORIZING THE FILING OF A SPENDING PLAN**  
**FOR A 2018 RECYCLING ENHANCEMENT ACT TAX FUND ENTITLEMENT**

WHEREAS, P.L. 2007, c. 311 et seq. provides for the awarding of Recycling Enhancement Tax Fund entitlements by the Department of Environmental Protection to designated solid waste management districts to assist them in the preparation, revision and implementation of comprehensive solid waste management and recycling plans; and

WHEREAS, the Morris County Municipal Utilities Authority desires such financial assistance to fulfill its responsibilities under the Solid Waste Management Act and the Recycling Enhancement Act.

NOW, THEREFORE, BE IT RESOLVED as follows:

1. That a Spending Plan be submitted to the Solid and Hazardous Waste Management Program for a 2018 Recycling Enhancement Act Tax Fund Entitlement in the amount of \$293,806.
2. That the Executive Director of the Morris County Municipal Utilities Authority is hereby authorized and directed to execute and file such spending plan with the Department of Environmental Protection; to provide additional information and furnish such documents as may be required; to execute such contracts as are required; and to act as the authorized correspondent of the Morris County Solid Waste Management District.
3. The Morris County Municipal Utilities Authority was designated by the Morris County Board of Chosen Freeholders as the implementing agency to perform the Recycling Enhancement Tax Entitlements on March 25, 2009.
4. The Morris County Municipal Utilities Authority does hereby hold the State of New Jersey and its departments and agencies harmless from any dangers, losses, and claims which may arise directly or indirectly from the execution of the Entitlement.
5. The Morris County Municipal Utilities Authority hereby accepts the terms and conditions set forth in the Act and the guidelines promulgated under it.
6. 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 8, 2019.

MORRIS COUNTY MUNICIPAL  
UTILITIES AUTHORITY

By: \_\_\_\_\_  
William Hudzik, Chairman

ATTEST:

\_\_\_\_\_  
Marilyn Regner, Secretary

**MOTION:** Mr. Dour made a Motion to authorize the filing of a Spending Plan for a 2018 Recycling Enhancement Act Tax Fund Entitlement and Ms. Szwak seconded the Motion.

**ROLL CALL:** AYES: 8 NAYES: NONE ABSTENTIONS: NONE

### **Recycling Operations**

**Tonnage and Value** – The November ReCommunity/Republic statement was finalized in the amount of **(\$54,915.52)**. The rate for single-stream in the month of November was **(\$33.99 per ton)**. The December 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 12/11/18, staff met with representatives of Rockaway Township to discuss changes to the shared services contract with the MCMUA. The Township agreed to oversee their day-to-day loads (scale tickets) delivered to ReCommunity instead of having the MCMUA do the work to confirm these loads. In the past, the MCMUA has allowed municipalities to take advantage of the terms of the ReCommunity contract by entering into a shared services contract with the MCMUA. The three municipalities are referred to as supplemental towns and the MCMUA is working toward amending the contracts with all three (Harding Township, Randolph Township, and Rockaway Township) to make them responsible for checking and confirming that each scale ticket is correct and that the information has been entered correctly into ReCommunity's billing system (database). In the past, the MCMUA spent a lot of time requesting a confirmed list of loads from each municipality (based on scale tickets held by each municipality) and checking to see if the information matched the ReCommunity report of loads. The MCMUA was in the middle. Resolutions authorizing the execution of the amendments of these contracts is expected to be put forth for the Board's consideration at the January meeting.

**2018 Recycling Enhancement Act (REA) Grant Resolution Authorizing The Filing Of A Spending Plan.** The 2018 REA Grant amount for Morris County is \$293,806.00. The amount of the 2017 REA Grant for Morris County was \$300,972.00. \$250,709.68 was allocated for Solid Waste Activities, which was spent on the Morris County MUA household hazardous waste program. \$50,262.32 was allocated for Public information and education. The projects that fall under this category include personnel, educational presenters, consumable supplies, such as signs for recycling depots, recycling decals and vehicle wraps of two compactor recycling trucks. The 2018 REA Grant will be utilized in a similar manner. \$244,740.40 will be used for the Morris County MUA household hazardous waste program. \$49,065.60 will be allocated to public information and education. The projects that are planned for this portion of the spending include personnel, printed educational materials, training, paper shredding events and other educational initiatives. A resolution authorizing the filing of the 2018 REA spending plan is expected to be put forth for the Board's consideration at the January meeting.

### **Recycling Inspections and Education**

- On 12/11/18, staff and Roxbury's MRC did a recycling inspection of the Ashley Furniture Home Store on Route 10 in Ledgewood. The store manager told us that the store uses the services of Waste Management. They collect corrugated in a 30-yard open top container. They do have a single-stream program in-house for customers and employees. Staff described the recycling tonnage report that the store would be getting from Roxbury and gave the store manager recycling decals.
- On 12/18/18, staff provided decals, signage/flyers and MCMUA Environmental Guides to Chief Dan Colucci at the Morris County Public Safety Training Academy. This is an ongoing strategy in promoting recycling education in County buildings, especially in those areas that are used by the public. The goal is to minimize unacceptable materials in recycling bins. In addition, an email was sent to Joe Smith of Employment Horizons (sub-contracted by the County of Morris Buildings & Grounds department), informing him about the efforts being made towards minimizing and eliminating the contamination in the outdoor recycling dumpster at the Academy. Staff has been working closely with

Dilcea Yela of Employment Horizons. She is the on-site manager at the Academy and has been helpful in monitoring and reporting contamination issues to the MCMUA's recycling staff.

- On 12/26/18, staff conducted a recycling inspection of outdoor recycling dumpsters at the following schools:
  1. Riverview School, Denville Township
  2. Valleyview School, Denville Township
  3. Lakeview School, Denville Township
  4. Rockaway Valley School, Boonton Township

The inspections provide vital information that will be provided to each school district and the municipal recycling coordinators. The photos will give a visual account of contaminants and issues that need to be resolved. Also, custodial staff will be reminded to **keep lids closed on dumpsters at all times to decrease the level of moisture**. These inspections are part of the overall effort set-forth by the MCMUA to send the cleanest recyclables to ReCommunity/Republic Services to meet recent requirements and minimize costs. Staff will strive to keep residue (unacceptable materials) rates to a minimum. The school inspections will continue through 2019, along with residential curbside inspections.

## **Clean Communities**

**Educational Programs:** There were no educational programs in December. Schools and libraries have already been inquiring about programs for 2019. There is a wide range of presenters that offer many unique educational programs. Staff provides recommendations of programs based on audience, grade level and overall goal of presentation. Staff looks forward to another productive year of educational programming in 2019!

**Road Clean-ups:** There were no road cleanup during the month of November.

MCMUA staff created a wreath made of litter that was collected from the campus of County College of Morris (CCM). The CCM Environmental Club featured the wreath at the CCM Student Community Center from 12/3/18 through 12/10/18. A poster displayed with the wreath asked Students to refrain from littering and urged everyone to use trash and recycling containers!

On December 4, Liz Sweedy attended the NJ Clean Communities Visual Litter Survey year-end meeting. She received an award and certificate from Rutgers for participating in the visual litter survey project and for providing recommendations.

On December 6, staff attended the NJ Clean Communities County Coordinator's meeting. An overview of projects in 2018 and future initiatives were discussed and approved.

On December 6, staff participated in the NJ Clean Communities Best Practices Committee year-end meeting. Great ideas, vendor list and litter abatement education categories were discussed. The committee nominated two new members for 2019.

On December 27, staff emailed NJ Clean Communities Best Practices Manual committee members and nominees regarding the formal induction of the two new committee members and information about duties and goals for 2019.

## **Miscellaneous Presentations/Meetings/Conference Calls/Correspondence**

- On 12/4/18, staff attended the ANJR Board meeting and tour of Waste Management's food waste facility in Elizabeth. The facility, called CORE for Centralized Organic Recycling (silent e), has a customer base of supermarkets and food distribution companies. Pre-consumer vegetative waste is shipped in tractor trailers to Elizabeth.

During the tour, we saw corrugated cartons of romaine lettuce awaiting processing. The boxes of produce are ground up and made into a slurry. In the end, the final “soupy” mix is managed as a waste-water to be disposed of at the Rahway Valley Sewage Authority and not a recyclable.

- On 12/11/18, at the invitation of Roxbury’s MRC, staff met with the property manager of the Willows in Landing. This is a 122-unit affordable apartment complex for low-to-moderate income households. Staff gave the manager multi-family recycling bags for the residents to use at the community recycling disposal areas. He will have them hand-delivered to each apartment.
- On 12/18/18, staff was interviewed by Joyce Estes, WRNJ Radio, regarding holiday recycling and waste reduction. The interview was featured on WRNJ Radio! Please visit the following link: <http://wrnjradio.com/news/2018/holiday-recycling-tips/>.
- On 12/18/18, staff was interviewed and participated in a videotaping by News 12 NJ, regarding reduction of waste during the holiday season. Anchor, Marcie Ruben was on hand to promote the recycling of cardboard boxes and explained that foam and plastic packaging was not acceptable in the curbside recycling programs! The taped segments ran several times on 12/18/18.
- Recycle Coach - During the month of December Pequannock Township and Rockaway Borough have signed on (on board) with Recycle Coach. There are now 14 municipalities in Morris County participating in the Recycle Coach app (with this application).

**ATTORNEY REPORT:**

Mr. Falcon mentioned that he had no report. This portion of the meeting was closed.

**PUBLIC PORTION:**

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

**OLD BUSINESS:**

Mr. Gindoff advised the Board that James Deacon received a Citizen Service Award from the Morris County Sheriff’s Department. Mr. Deacon mentioned that this is a service award to a civilian that assists the Sheriff’s Department, and they basically mentioned my time with HAZMAT and all I did with the bomb squad and canine. The Board congratulated him.

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

**NEW BUSINESS:**

Mr. Gindoff mentioned that we were discussing open space and in the past we had Solid Waste Committees, Water Committees and Executive Committees and suggests that when we do the Reorganization Meeting that we form an Open Space Committee so we can complete the process that he started with the open space report, as well as be able to review issues like we were discussing tonight with that site in Harding. This is something to consider as we reorganize.

Ms. Regner mentioned that included in the Board’s folders is a tentative meeting schedule for 2019-2020, as well as the Board member listing. She asked the Board to advise her of any conflicts with the meeting dates or any changes to the member listing prior to the February Reorganization meeting.

There being no further 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 7:58 p.m.

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

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Marilyn Regner  
Secretary

/mr