

**MINUTES OF THE REGULAR MEETING OF THE  
MOUNT LAUREL TOWNSHIP MUNICIPAL UTILITIES AUTHORITY**

August 18, 2022

Chairwoman Coco-Capri called the regular meeting of the Mount Laurel Township Municipal Utilities Authority to order at 7:02 p.m. via in person and videoconference. A sign with the call-in information was posted at the Elbo Lane Water Treatment Plant Facility Meeting Room and posted on the Authority's official website.

Those in attendance were:

Cheryl Coco-Capri	Chair
Christopher Smith	Vice Chair
Elwood Knight	Secretary
John Francescone	Member
Carol Murphy	Member

Also in attendance were:

William Long	Consulting Engineer
Robert Lamilla	Solicitor
Alexis Smith	Solicitor
Pamela Carolan	Executive Director
Jonathan Sears	Finance Director
Russell Trice	Operations Engineer
Rachael Concepcion	Operations Administrative Assistant
Bill Shaw	Water Distribution Supervisor

Chairwoman Capri announced that the notice requirements of the "Senator Byron M. Baer Open Public Meetings Act" have been satisfied. Annual notice has been transmitted to two newspapers; it has been prominently posted on the Municipal Bulletin Board and filed with the Mount Laurel Township Clerk.

**Public Comment - General**

No public in attendance

**Minutes**

Following a motion made by Ms. Murphy and seconded by Mr. Smith, the Board unanimously approved the minutes for the July 21, 2022, regular meeting, with affirmative votes from Ms. Capri, Mr. Knight, Mr. Smith and Ms. Murphy

Total votes: 4 ayes, 0 nays, 0 abstention, 1 absent

**Developments/New Connections**

There are no developments or new connections this month.

**Operations**

**Water System Summary**

Ms. Carolan reported that we have had one water system leak since the last meeting.

Ms. Carolan stated that there are still 10 public hydrants out of service due to delay in receiving replacement hydrants/parts.

Ms. Carolan said that the peak water use day for this year remains July 20<sup>th</sup>.

Ms. Carolan mentioned that the NJ Water Supply Advisory Council is having a meeting and they may recommend putting NJ on water restrictions. Ms. Carolan will attend this meeting to comment because state issued water restrictions will affect our planned water supply scheme for the year and could impact our required purchases from NJAWC and WMUA.

Ms. Carolan reported that we received a notice of violation on the water system regarding the consumer confidence report (CCR). Although the CCR report was issued on time, the paperwork confirming such was not submitted to the NJDEP on time.

Ms. Carolan said the NJDEP sent out a revision to our ASR well discharge permit, adding monitoring for PFAS.

John Francescone entered the meeting.

Ms. Carolan introduced Bill Shaw, Water Distribution Supervisor to the board. Bill Shaw provided a demonstration of a new application that the Authority and the MLT Fire Department created with assistance from our GIS engineer, Colliers. This project was partially financed via a LEAP Grant for this shared service. This application allows us, and the Fire Department work together when fire hydrants are opened or out of service. Mr. Shaw provided a demonstration of application.

#### Sewer System Summary

Ms. Carolan reported that there are 2 pump stations operating outside of normal parameters.

Ms. Carolan added that there are 2 additional pump stations impacted by construction: Hooton and Atrium. Atrium remains on bypass and Hooton is off bypass and has a temporary control panel and an old generator until delayed parts from suppliers can be delivered.

Ms. Carolan stated there was an overflow at Larchmont pump station caused by the controls malfunctioning and no alarms were sent.

Ms. Carolan added that we have had 2 force main leaks since the last meeting.

Ms. Carolan said there was a sewer spill at 12000 Horizon Way caused by American Asphalt dumping asphalt into one of our manholes.

Ms. Carolan reported that at the HRWPCF plant, the secondary clarifier is still out of service, since the end of July, so the contractor could come back and make corrective repairs to the coating.

Ms. Carolan noted that there have been some modifications at HRWPCF to reduce odor, which have been successful.

#### Underdrain System Summary

Ms. Carolan reported that it was discovered that there is an underdrain system in the Atrium Corporate Center. We, along with the township, are investigating but it is still unknown who it is servicing or where all the piping is located.

#### **Presentation of Engineer's Status Report**

Mr. Long presented the report.

#### Active Projects in Construction

##### Atrium & Hooton Pump Station Upgrades, M-180-347-001

This project includes electrical and control system replacement and upgrades at both the Atrium and the Hooton Road stations. The Atrium station work also includes pump replacement and replacement of the emergency generator with which also connects to the adjacent Horizon Way Water Booster Station.

Financing will be via a NJIB loan. On December 16, 2021, a contract in the amount of \$1,177,150.00 was awarded to Eagle Construction Services. Overall construction is 50% complete. Concrete and paving

work at Hooton complete, Atrium ongoing. Underground electrical conduit installed at both stations. Waiting on delayed equipment deliveries for controls and emergency generators. To remove stations from the bypass pumping systems, the Authority worked with the contractor for temporary controls and generators. Hooton is off temporary bypass, and next month Atrium should be off. A change order associated with this work should be on next month's agenda.

#### Devonshire Pump Station Upgrade, M-180-353-001

This project included a major rehabilitation of the Devonshire Pump Station. A contract in the amount of \$759,000 was awarded to B & H Contracting, Inc. at the December 2020 meeting. Construction started on April 6, 2021. Project is substantially complete with contractor addressing punch list items and still waiting on close out documentation.

#### Union Mill Farms Force Main Replacement, M-180-376-001

This project included installation of a new force main that redirects the pump station discharge out of the primary force main in Union Mill Road and into the gravity sewer collection system for Holiday Village East Pump Station. The MUA also repaved the roadway. Financing will be via an NJIB loan. Contract No. 2019-02 was awarded to Earle Asphalt Company in the amount of \$409,713.13 during the October 21, 2021, meeting. Line stop failed on June 30 which caused a sewage spill. Construction is complete. The Authority is still working with Earle Asphalt for the reimbursement for assisting in the line stop valve line leak; this will likely be via a change order.

#### Active Projects in Design

##### Replacement of Part of Library Force Main and Millstream Force Main Connection, M-180-322-002

The project includes replacing a section of the existing PVC library force main with 10" HDPE (via directional drill), beginning at the pump station, through the adjacent wooded area to Route 295. The project includes cleaning and televising the force main crossing under Route 295/NJTP. The project also includes replacement of the connection of the Millstream force main to the primary force main in Union Mill Rd. Project will be financed via an NJIB loan. TWA application still to be submitted.

##### Hartford Road WPCF Orbal Aerator Repairs, M-180-360

This project is for the repair of broken discs and hoods on some of the aerators located on the orbal tank. When the aerators are repaired, the Orbal cell channels will also be cleaned. This project was included in the first loan application for NJIB financing, construction was originally scheduled for FY 2020, bidding in March 2021. Delay from NJDEP's SED office associated with the NJIB loan program. Finally received approval from NJDEP. Bids accepted with award recommendation tonight to Eagle Construction Services in the amount of \$752,514. Costs came in significantly higher than the engineer's estimate and the original loan doc.

##### Pump Station Monitoring System, M-180-365

This project includes updating of the alarm system (currently) at 29 of the Authority's 41 sewage pumping stations. In addition, condition monitoring will be included with the system. The Authority authorized start of design work with a completion of March 2021, which was not met. Financing for this project was originally planned for NJIB bundle #1. Alaimo Group received recommendations from Flygt representatives for upgrades as each pump station. A "jockey" panel will be installed at each station. Design is still 60% complete. Flygt to provide final control panel design and cost estimates. This week Flygt informed Alaimo that panel delivery is now delayed to the first quarter of 2024. Explored other options other than Flygt but decided on using them.

Air Release Manhole Improvements Union Mill Road M-180-390

This project includes the replacement of a force main air relief valve at the intersection of Union Mill Road and Signature Place. The project schedule is to coincide with the Township project to improve Union Mill Road. The project also includes the removal of a valve at Pike Road before the plant headworks. Priority and construction schedule will be done when UMR is closed for improvements which could be as late as summer 2023.

Well No. 3 Redevelopment M-180-391

This project will include removal and rehabilitation of the existing pump and well piping, redevelopment of the well and installation of Authority supplied pump and well piping. The project is scheduled to advertised in September and awarded at the October board meeting. Working on specs for authority review.

Future Projects

Air Release Manhole Improvements 101 Hartford Road & valve removal Pike Road

This project includes the replacement of the air relief valve at 101 Hartford Road. The project also includes the removal of the valve and fitting in the vault at Pike Road. This project will replace M-180-390.

Completed Projects on Maintenance Bond

Replacement of Briggs Force Main and Connection and Library Force Main Connection, M-180-322-001  
Construction completed on November 16, 2020. The maintenance bond will expire on November 16, 2022.

Hartford Road WPCF, Warehouse to Vehicle Storage Conversion, M-180-354  
Construction completed December 17, 2020, and on maintenance bond that expires November 19, 2022.

Hartford Road WPCF Tank Repairs, M-180-355-00, HR-TK-(A)  
Construction completed August 19, 2021, and on maintenance bond that expires August 19, 2023.

Hartford Road WPCF Primary Clarifier Tank Repainting, M-180-355-002  
Construction completed October 25, 2021, and on maintenance bond that expires October 25, 2023.

Hartford Road WPCF Roof Replacement and Lightning Protection, M-180-363  
Construction completed March 1, 2021. The maintenance bond will expire on March 1, 2023.

Hartford Road WPCF Lighting Replacement, M-180-364  
Construction completed July 29, 2021, and on maintenance bond that expires July 29, 2023

Saint David Drive Water Main Replacement – Phase 2, M-180-367  
Construction is complete effective December 31, 2020; maintenance bond expires on December 31, 2022.

Pump Station Site Work, M-180-371, SPS-B-(B)  
Construction completed August 19, 2021, and on maintenance bond that expires August 19, 2023.

Emergency Shower and Eyewash Facility Installation, M-180-372  
Construction is complete effective February 28, 2021, and on maintenance bond until February 28, 2023.

Piping, Heat Tracing, and Insulation Replacement at Hartford Rd WPCF, M-180-378, HR-MIS-(H)  
Construction completed August 10, 2021. Maintenance bond expires August 10, 2023.

Door and Window Replacement – Various Locations, M-180-382

Construction completed January 27, 2021. Maintenance bond expires January 20, 2024.

Repainting of Elbo Lane Clarifiers, M-180-383

Construction completed on January 27, 2021. Maintenance bond expires January 27, 2023.

Redevelopment of Well #6, M-180-384

Construction completed April 7, 2021. Maintenance bond expires April 7, 2023.

South Church Street Tank Painting, M-180-385

Construction completed December 10, 2021. Maintenance bond expires December 10, 2023

Redevelopment of Well No. 7, M-180-386

Construction completed December 9, 2021. Maintenance bond expires December 9, 2023.

2022 Pump Station Painting, M-180-387

Construction completed May 2, 2022. Maintenance bond expires May 2, 2024.

Mr. Trice reported on the following projects as they are being designed by firms other than Alaimo Associates:

Force Main Air Release Valves (Engineer: ERI, Inc.)

Contract 2020-06 rebid was awarded to Coastline Construction, LLC in the amount of \$434,500.00 at the October 2021 board meeting. The preconstruction meeting was held on December 3<sup>rd</sup> and the Notice to Proceed was issued on December 6<sup>th</sup>. The contract completion time was 90 days; however it was agreed that the actual start and completion dates were to be dependent on material availability and County approvals. Coastline started work approximately two weeks ago and 4 out of 6 manholes have been completed.

East Saint Andrews Drive Water Main Replacement (Engineer: ERI)

This project was to replace approximately 900 LF of 10” water main on E. St. Andrews Dr. and an upgrade of approximately 400 LF of 4” water main to 6” on Pebblebrook Lane. Contract awarded July 13, 2021, to Earle Asphalt Company in the amount of \$400,213.13. The directional drilling of the water main under the deteriorated culverts (change order) was completed and final paving restoration has occurred. As-built information remains to be submitted.

Sanitary Sewer System Modeling, Capacity Assessment and Master Planning (Engineer: Mott MacDonald)

A project status and review meeting was held with Mott MacDonald on August 9<sup>th</sup>. The hydraulic model has been completed and calibrated. Mott MacDonald is currently using the model to develop and analyze alternatives for alleviating operational problems experienced in the system and to evaluate alternatives identified by the Authority in the initial SOW. Mott MacDonald anticipates completing the alternative analysis, project cost estimates and recommended capital improvement program by end of September 2022. After receiving Authority review comments, the anticipated schedule is to submit a draft master plan report for review by October 28<sup>th</sup> and a final report by December 2<sup>nd</sup>. This schedule will allow Authority personnel to include recommended projects in FY24 and subsequent fiscal year budgets.

Elbo Lane WTP HVAC Replacement (Engineer: Mott MacDonald)

This project is being designed by Mott MacDonald. Mott MacDonald’s subcontractor Concord Engineering was onsite August 4, 2022 to test and determine the operability of some of the existing HVAC equipment. Mott MacDonald is currently working on design documents and anticipates having 60% complete

documents ready for Authority review by September 23, 2022. Final bid documents are anticipated to be completed and submitted to the Authority and NJDEP for review and approval by the end of December 2022. This project is included in the Capital Budget as WF-EL-(T).

Ramblewood Pump Station Generator Replacement (Engineer: Remington & Vernick)

This project is to replace the existing standby generator at the Ramblewood Pump Station. A contract was awarded to Lee-Way Electrical in the amount of \$173,400.00 at the February 17, 2022, meeting. The generator shop drawings have been submitted and approved. We have been informed that generator deliveries are on average 12 months from shop drawing approval. Therefore, we do not anticipate the generator being delivered until August 2023.

HRWPCF Sludge Dewatering Equipment Replacement (Engineer: Colliers)

This project includes the replacement of the sludge handling and dewatering equipment in the sludge building which was originally constructed in 1996. Colliers Engineering and Design has been actively working on the Planning Document submission required by the IBank and on design and bid documents. Collier's initial project schedule anticipated having bid ready construction documents ready for submission to NJDEP for approval in January 2023, however they appear to be ahead of schedule and may have this work completed before the end of the year. This project is included in the Capital Budget as UB FY21.

Chapel Hill Road and Trefoil Terrace Water Main Replacement (Engineer: ERI)

This project includes the replacement of approximately 1,020 feet of 6" and 8" water main and 45 services on Chapel Hill Road and Trefoil Terrace. Bids were received on July 14<sup>th</sup>. CTX Infrastructure submitted the low bid in the amount of \$430,673.50. This project was awarded at the July 2022 board meeting. The preconstruction meeting is scheduled for August 24<sup>th</sup>.

Sewer Main Lining Project (ERI)

This project includes the lining of 1,190 of 8" and 10" sewer mains and refurbishing 7 manholes through the golf course behind Farnwood Road and St. Davids Drive. This project was awarded to Vortex Services, LLC in the amount of \$400,213.13 at the June 2022 board meeting. Contractor starting on 8" mains, August 22<sup>nd</sup>, followed by the 10" mains. The contractor plans on starting work on the 8" mains on August 22<sup>nd</sup>. Cleaning and lining of the 10" mains will follow the completion of the 8" mains.

Tricia Meadows Force Main

This project will be designed and inspected by ERI. Preliminary plans are scheduled to be prepared in September. A meeting will be held with the property owner, Davis Enterprises, to review the project and establish access restrictions or specific restoration requirements. Although the Authority owns the water and sewer mains and the pump station and force main, Davis Enterprises still owns the land where these facilities are installed. Bid advertisement is planned to occur in January 2023, with award at the February meeting. This work is included in the Capital Budget under heading 1-05-70-R302-FY23.

**Public Comment - General**

No comments

**Closed Session**

A motion was made by Ms. Murphy, seconded by Mr. Knight, the Board unanimously approved to pass Resolution 2022-08-86 to close the meeting to discuss Litigation, Potential Litigation, and Personnel which are exempt from open meetings under the Sunshine Law, at 7:49 p.m.

Total votes: 5 ayes, 0 nays, 0 abstentions, 0 absent

Potential Litigation – SEE CLOSED PORTION OF MEETING

The meeting was re-opened at 8:02 p.m., following a motion made by Mr. Knight, and seconded by Mr. Francescone and with unanimous agreement from Ms. Capri, Mr. Knight, Mr. Smith, Mr. Francescone and Ms. Murphy  
Total votes: 5 ayes, 0 nays, 0 abstentions, 0 absent

### **Contracts**

Following a motion made by Mr. Knight and seconded by Mr. Smith, the Board unanimously approved Resolution No. 2022-08-87 Resolution Approving Acceptance of the Ramblewood Pump Station and Valve Replacement Project and Initiating the Two-Year Maintenance Period – MUA Contract No. 2022-02, with affirmative votes from Ms. Capri, Mr. Francescone, Mr. Knight, Mr. Smith, and Ms. Murphy.  
Total votes: 5 ayes, 0 nays, 0 abstentions, 0 absent

Following a motion made by Ms. Murphy and seconded by Mr. Francescone, the Board unanimously approved Resolution No. 2022-08-88 Resolution Approving Award of Contract Following Public Bid to Eagle Construction Services in the Amount of \$752,514.00 for the HRWPCF Orbal Aerator Repair Project, with affirmative votes from Ms. Capri, Mr. Francescone, Mr. Knight, Mr. Smith, and Ms. Murphy.  
Total votes: 5 ayes, 0 nays, 0 abstentions, 0 absent

### **Accounting and Financial**

Following a motion made by Mr. Smith and seconded by Mr. Knight, the Board unanimously approved the Treasurer's Report for June 2022 and Payment Plan Status Report for July 2022, with affirmative votes from Ms. Capri, Mr. Francescone, Mr. Knight, Mr. Smith and Ms. Murphy  
Total votes: 5 ayes, 0 nays, 0 abstentions, 0 absent

Following a motion made by Ms. Murphy and seconded by Mr. Knight, the Board unanimously approved Requisition #634 in the amount of \$1,024,002.10 for the Accounts Payable voucher's list, with affirmative votes from Ms. Capri, Mr. Francescone, Mr. Knight, Mr. Smith and Ms. Murphy  
Total votes: 5 ayes, 0 nays, 0 abstentions, 0 absent

Following a motion made by Mr. Knight and seconded by Mr. Francescone, the Board unanimously approved Requisition #4566 in the amount of \$11,340.51 from the Acquisition and Construction list with affirmative votes from Ms. Capri, Mr. Francescone, Mr. Knight, Mr. Smith and Ms. Murphy  
Total votes: 5 ayes, 0 nays, 0 abstentions, 0 absent

Following a motion made by Mr. Francescone and seconded by Ms. Murphy, the Board unanimously approved Requisition #5678 through #5690, in the amount of \$400,862.36 from the Renewal and Replacement list with affirmative votes from Ms. Capri, Mr. Francescone, Mr. Knight, Mr. Smith and Ms. Murphy  
Total votes: 5 ayes, 0 nays, 0 abstentions, 0 absent

### **Comments:**

Ms. Carolan reported that on September 12<sup>th</sup> the Township will be presented with a resolution to modify the debt authorization that they gave us in 2018 to allow for borrowing for projects that were over budget and additional projects.

August 18, 2022

Mr. Sears mentioned that we are on the third attempt at closing on the IBank loan for \$3.2 million borrowing also known as Bundle #2.

Ms. Smith commented that she is excited to join us as solicitor following the resignation of Robert Lamilla.

Mr. Lamilla thanked everyone.

Following a motion made by Mr. Knight seconded by Ms. Murphy, and with unanimous agreement from the members, the meeting was adjourned at 8:17 p.m.