

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

July 21, 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
Pamela Carolan	Executive Director
Jonathan Sears	Finance Director
Russell Trice	Operations Engineer
Diane Ordille	Administrative Assistant

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 Mr. Francescone and seconded by Mr. Knight, the Board unanimously approved the minutes for the June 16, 2022, regular meeting, with affirmative votes from Ms. Capri, Mr. Francescone, Mr. Knight, Mr. Smith and Ms. Murphy

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

Developments/New Connections

Following a motion made by Mr. Smith and seconded by Mr. Francescone, the Board unanimously approved Resolution No. 2022-07-80, Resolution Approving a Reduction of Performance Bonds for the Gables Project, Phases 1, 2 and Pumping Station, 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 Resolution No. 2022-07-81, Resolution Approving a Reduction of Performance Bonds for the Gables Project, Phase 4, 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. Smith and seconded by Mr. Francescone, the Board unanimously approved Resolution No. 2022-07-82, Resolution Approving Reduction and Release of Certain Performance Bonds for the 123 Creek Road 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

Operations

Water System Summary

Ms. Carolan reported that we have had six water system leaks since the last meeting.

Ms. Carolan stated that there was an issue with the water system SCADA control system this week; once the issue was determined, we had the part on hand and were able to make the repair quickly.

Ms. Carolan reported water use is substantially up; yesterday's one-day use was 7 million gallons which is higher than the annual peak in 2020 and 2021; however, this is still shy of the historical peak use day of 10 MGD in 2001.

Sewer System Summary

Ms. Carolan commented that the force main issue on Union Mill Road on June 30th was not an MUA infrastructure issue but was a leaking line stop valve on the bypass that the contractor installed for the MUA's Union Mill Farms Force Main Redirection construction project.

Ms. Carolan stated there was a force main leak on July 19th on the Laurel Ponds force main in front of 324 Elbo Lane, which was initially thought to be a customer's private ejector station but was a hole on our force main in the vicinity of the customers connection.

Ms. Carolan reported that the secondary settling tank at the HRWPCF would be taken out of service on August 1st so the contractor can correct the issues with the paint and sealing.

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. Both pump stations are in bypass. Overall construction is 40% complete. Demolition is complete at both Hooton and Atrium, and construction underway at both. Concrete work is on-going at both stations and underground electrical conduit has been installed at both too. A change order is proposed and recommended for approval tonight. Issues with equipment delivery and controls. Meeting with contractor and authority staff next week to come up with a plan so pump stations don't have to remain in bypass 4 or 5 months.

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. Gas detection equipment installed, training completed. 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 includes installation of a new force main that will redirect the pump station discharge out of the primary force main in Union Mill Road and into the gravity sewer collection system that discharges to the Holiday Village East Pump Station. The MUA will repave 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 90% complete, as the replacement line and replacement isolation valve is installed. Project is basically complete aside from the restoration on the side of the road.

Ms. Carolan added that the Authority is tallying its costs for the line stop failure and it needs to be determined how reimbursement will be made to the Authority. She added that there were spills at the work site and at Ramblewood pump station, despite the dozen trucks which were hauling sewage.

Ramblewood Pump Station Valve Replacement, M-180-388

This project includes the replacement of eight (8) gate valves and four (4) check valves within the dry well. Project will require bypass pumping during the pump station shutdown. A contract was awarded to JVS Industrial and Commercial Contractors, Inc in the amount of \$93,400 at the April 2022 meeting. The station was placed into bypass on July 13 and is back in operation. The project is basically done. They had 10 days to complete it and did so in that time frame.

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. Specifications are being updated to address the Authority's review comments, then a TWA application will be submitted to NJDEP with subsequent submittal to the NJIB loan program to continue with the financing documents. TWA application signed.

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. Project advertised for public bid, receipt on August 11, plan to award in August.

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. We will meet with Authority staff to discuss schedule.

Air Release Manhole Improvements Union Mill Road & Valve Removal Improvements to Pike Road

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. The Authority is considering relocation of the air release manhole on Union Mill Road as the location may be problematic with proposed road realignment.

Well No. 3 Redevelopment

We are preparing a specification for the redevelopment of Well No. 3, including removal and rehabilitation of the existing pump and well piping, redevelopment of the well and installation of Authority supplied pump and well piping. Specifications will be submitted to the Authority. The project is scheduled to advertised in September and awarded at the October board meeting.

Future Projects

Tricia Meadows FM Replacement

We are preparing a proposal to replace approximately 1,100 feet of the 8” Force Main between the Patricia Lane ROW and Mount Laurel Road ROW.

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 3rd and the Notice to Proceed was issued on December 6th. 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 has provided an updated schedule indicating the delivery of materials by July 27th and the start of on-site work on July 28th. Their schedule shows a duration of approximately 2 weeks to complete all work.

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 on July 8th. The status of the various project tasks was discussed and assumptions regarding what Authority personnel considered to be acceptable system operating conditions were reviewed. Planning projections for future growth within the Township are currently being reviewed by Authority personnel. The hydraulic model has been completed and calibrated. Mott MacDonald is currently using the model to develop alternatives for alleviating operational problems experienced in the system and to evaluate alternatives identified by the Authority in the initial SOW. Some of the major recommendations being considered by Mott MacDonald were also discussed.

Elbo Lane WTP HVAC Replacement (Engineer: Mott MacDonald)

Mott MacDonald completed the preliminary design and submitted a design report, which was reviewed and approved. A design and construction management services proposal was received and authorization to

proceed with design services was issued. A project kick-off meeting was held on May 18th. We anticipate submitting bid ready documents early next year to NJDEP for approval.

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

This project is to replace the existing standby generator at the Ramblewood PS. 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 June or July 2023.

HRWPCF Sludge Dewatering Equipment Replacement (Engineer: Colliers)

This project is to replace the majority of sludge handling equipment in the sludge building which was originally constructed in 1996 with the plant upgrade and expansion. The project is in design and scheduled to submit to NJDEP NJIB loan program for approval in January 2023. Colliers is ahead of the projected schedule.

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 14th. CTX Infrastructure submitted the low bid in the amount of \$430,673.50. Award is recommended this evening.

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. The preconstruction meeting was held on July 14th. Cleaning work is anticipated to start on August 1st lining work the week of August 22nd.

Closed Session

A motion was made by Mr. Smith, seconded by Mr. Knight, the Board unanimously approved to pass Resolution 2022-07-83 to close the meeting to discuss Litigation, Potential Litigation, and Personnel which are exempt from open meetings under the Sunshine Law, at 7:35 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 8:07 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. Smith and seconded by Mr. Francescone, the Board unanimously approved Resolution No. 2022-07-84 Resolution Approving Award of Contract Following Public Bid to CTX Infrastructure in the Amount of \$430,673.50 for the Chapel Hill Road and Trefoil Terrace Water Main Replacement Project, MUA Contract No. 2022-04, 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 Mr. Knight, the Board unanimously approved Resolution No. 2022-07-85 Resolution Approving Sale of Authority Surplus Equipment

Through Internet Based Vendor for Online Auction, 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. Francescone and seconded by Mr. Knight, the Board unanimously approved the Treasurer's Report and Payment Plan Status Update for May 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 Mr. Knight and seconded by Mr. Smith, the Board unanimously approved Requisition #633 in the amount of \$677,181.07 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. Francescone and seconded by Mr. Smith, the Board unanimously approved Requisition #4565 in the amount of \$28,993.00 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. Knight and seconded by Mr. Francescone, the Board unanimously approved Requisition #5659 through #5677, in the amount of \$574,802.14 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 commented that following our discussion on facilities and purchasing water, she wanted to point out that our ASR facility, which was constructed over 15 years ago for around \$2 million, is saving us over \$5.00 per thousand gallons of water purchased. If we did not have the ASR facility, we would be paying the proposed NJ American rate of \$8.40 (previously \$7.31) Instead, we are currently paying \$3.03 per thousand gallons with a proposed rate of \$3.24 with this increase, as we are able to have an Off-Peak service contract verses GMS.

Mr. Sears mentioned that article on inflation in our industry that was sent home in the preliminary board package and how it really brings home the fact that inflation will impact the Authority including higher costs for future projects.

Mr. Sears also reported that last month the Board approved short-term financing, which was delayed with the State.

Mr. Sears stated the auditors will be on-site for field work during the first two weeks of September.

Mr. Trice reported that during the meeting he received notice from the MUA inspector that the new sewer main installed for 123 Creek Road, and still the responsibility of the developer, was leaking.

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