

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

July 15, 2021

Chairwoman Coco-Capri called the regular meeting of the Mount Laurel Township Municipal Utilities Authority to order at 7:00 p.m. via 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
George Morris	Solicitor
Pamela Carolan	Executive Director
Russell Trice	Operations Engineer
Jonathan Sears	Finance Director
Diane Ordille	Administrative Assistant
Theresa Trumbetti	Stenographer

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**

There were no members of the public in attendance.

**Minutes**

Following a motion made by Mr. Knight and seconded by Ms. Murphy, the Board approved the minutes for the June 17, 2021, regular meeting, with affirmative votes from Mr. Francescone, Ms. Capri, Mr. Knight and Ms. Murphy. Mr. Smith abstained from voting.

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

**Developments/New Connections**

There are no Developments/New Connections this month.

**Operations**

**COVID-19 Update**

Ms. Carolan said we are fully staffed and there is no mask requirement for fully vaccinated people.

Mr. Sears noted we have forgiven \$307K in interest charges since March of 2020.

**Water System Summary**

Ms. Carolan reported that there were no water system leaks since the last meeting, and we are pacing close to last year's usage numbers. June usage was higher than last year at 160 MG.

### Sewer System Summary

Ms. Carolan noted that there is 1 pumping station operating out of normal parameters and there were no main breaks or spills.

Ms. Carolan reported that there was a problem with the teacups grit snail at the treatment plant and they were out of service but are repaired now.

Ms. Carolan said that the Elsa storm on July 8<sup>th</sup> and 9<sup>th</sup> caused several stations to alarm – no trucking was required.

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

Mr. Long presented the report.

### Active Projects in Construction

#### Devonshire Pump Station Upgrade, M-180-353-00, SPS-RR-(E)

This project includes 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 75% complete. Demolition complete, building and emergency generator set. Delivery of controls delayed from early July to the first week of August. This will delay the project slightly.

#### Hartford Road WPCF Tank Repairs, M-180-355-00, HR-TK-(A)

This project includes rehabilitation of the 2 primary clarifiers, secondary clarifier No. 2 and the sludge thickener tank at the sewage treatment plant. New clarifier drives, sludge and scum collection equipment, bar screens, electrical equipment, valves and other associated equipment or devices will be rehabilitated or replaced. Financing is via the NJIB. A contract in the amount of \$1,882,000 was awarded to BR Welding, Incorporated, on August 15, 2019. Change Order No. 2 for \$0 was approved by the Authority in June 2020 and extends the completion date by 125 days to October 31, 2020, following supply chain issues related to the State of Emergency. Change Order #6 was approved on May 20, 2021, resulting in an adjusted contract amount of \$1,871,118.17, 0.6% reduction of the original contract amount. Fall protections for secondary clarifier ongoing. Sludge thickener tank, Primary Clarifier No. 1, and Primary Clarifier No. 2 punch list items to be completed. Fall protection for Primary Clarifier complete. Final inspection and fall prevention operation class to be scheduled with MUA staff. Construction is 95% complete.

#### Hartford Road WPCF Lighting Replacement, M-180-364-001

This project is for the replacement of site lighting throughout the plant. A contract in the amount of \$102,040.00 was awarded to ABS Electric, Inc. on September 17, 2020. Poles are set, lighting heads installed. Existing concrete light pole foundations to be coated as part of change order. Construction is 95% complete.

#### Pump Station Site Work, M-180-371, SPS-B-(B)

This project includes improvements at three pumping stations: Timbercrest, East Gate and Ethel Lawrence. The work includes replacement of gates, fencing, relocation of driveways and asphalt paving. Contract No. 2020-08 was awarded to RE Pierson Construction in the amount of \$125,792.50 the March 2021 meeting. Construction started April 26, 2021. Demolition completed at all 3 stations. Paving, fences, and concrete work completed at all 3 stations. Change Order #1 was approved at the June 17, 2021, meeting. The adjusted contract amount is \$129,933.54. Ethel Lawrence gate delivered and installed. Construction is 90% complete.

#### Piping, Heat Tracing, and Insulation Replacement at Hartford Rd WPCF, M-180-378-001, HR-MIS-(H)

This project is for the replacement of various heat tracing and insulation that was originally installed on exposed piping at the Hartford Road WPCF when the plant was expanded/upgraded in 1996. This project

will be funded via a loan from the NJIB. A contract was awarded to Whitfield Schneider Enterprises in the amount of \$263,000 at the January 21, 2021, meeting. Construction started April 2021, demolition complete, installing insulation and conduit, construction 65% complete. Change Order #1 was approved during the May 2021 meeting with an adjusted contract price of \$267,079.40. Two 36" pipe couplings delivered and being installed. Construction 90% complete.

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

This project includes the replacements of doors and windows at various locations including Hartford Road WPCF, two (2) pump stations, 1201 South Church Street, and the Ark Road Booster Station. Contract 2020-05 was awarded to WJ Gross, Inc. in the amount of \$222,870.00 in November 2020. Person doors and windows received. Currently working at 1201 Church Street. All other sites have been started or in some form completed. There are some punch list items at other locations. Construction is 50% complete.

#### Church Street Water Tank Painting, M-180-385-001

No change in status. This project will include blasting and painting of all interior surfaces and power wash, power tool clean and overcoat all exterior surfaces. In addition, an improved safety system will be installed including a handrail system, cable safety system and secure ladder gate. A contract in the amount of \$360,000 was awarded to Dynamic Sandblasting & Painting at the April 2021 meeting. Painting of the tank is scheduled for September 2021 per the Authority's requirements. Shop drawings for safety equipment have been reviewed and approved.

#### Active Projects in Design

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

No change in status. The project includes replacing a section of the library force main, beginning at the pump station, through the adjacent wooded area to Route 295. The project includes cleaning and televising the force main crossing under Tour 295/NJTP. The project also includes replacement of the connection of the Millstream force main to the force main in Union Mill Rd. Engineer's estimates were submitted to the Authority for consideration of routing of the Library force main.

#### Atrium & Hooten Pump Station Upgrades, M-180-347

No change in status. Waiting on NJDEP approval. This project includes electrical and control system replacement and upgrades at both the Atrium and the Hooten Road stations. The Atrium station work will also include pump replacement and replacement of the emergency generator with which also connects to the adjacent Horizon Way Water Booster Station. This project was included in the first loan application for NJIB financing. Construction was originally scheduled to begin in FY20. The TWA permit was received from NJDEP on May 6, 2021. Plans and specification submitted to SED office. Project to be advertised in July with bids opened and contract awarded in August. DEP approval expected within next couple of days.

#### Hartford Road WPCF Primary Clarifier Tank Repainting, M-180-355-002

This project was originally included in the tank repairs project (M-180-355-001); however, a problem with the bid indicated that specification revisions were needed. This project will be financed via the NJIB. Both primary clarifiers which were constructed in 1996 will be blasted and repainted. Contract number 2021-03 is recommended for award to Allied Painting, Inc. in the amount of \$325,000 at the July 15, 2021, meeting.

#### 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. Design is about 95% complete. Plans and specifications submitted to the Authority, waiting on comments from Authority staff.

Pump Station Monitoring System, M-180-365

This project includes updating of the alarm system at 30 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 5, 2021, which was not met. Financing for this project was originally planned for NJIB bundle #1. Design is ongoing with all 30 pump stations visited. Plans and specifications to be completed by the end of September for Authority review. Expected information from Flygt by the end of June so we could proceed, but still have not received it. It might be difficult to stay on the revised target of construction start date at the end of 2021.

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

No change in status. Waiting on NJDEP approval. This project will include 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. A buried plug valve will be installed in the new main at the approximate location of the existing blow off manhole. Financing will be via the NJIB. The TWA permit was received from NJDEP on May 7, 2021. Plans and specifications submitted to SED office. Project to be advertised at the end of July and awarded in September.

Hydro Power Feasibility Study, M-180-381

No change in status. The study is ongoing. The Authority has requested the 2009 Hydro Power Feasibility Study be updated. A review of the available hydro turbine technologies is being conducted and the construction, O&M and subsidy costs are being updated.

Redevelopment of Well No. 7 (ASR), M-180-386

No change in status. This project is for the periodic redevelopment of the well including removal and rehabilitation of the existing pump and well piping, redevelopment of the well and installation of Authority supplied pump and well piping. Design is 50% complete. The project is scheduled to be advertised in August and awarded at the September meeting with construction in November and December.

Future Projects

Nottingham Way Water Main Replacement, M-180-366

No change in status. This project includes the replacement of approximately 500 LF of 6" water main. Survey work has been completed. Project schedule is dependent on the frequency of future water main breaks and the availability of federal infrastructure funding.

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

Contract 2017-10 was deemed substantially complete on December 17, 2020. The maintenance bond will expire on November 19, 2022.

Hartford Road WPCF Roof Replacement and Lightning Protection, M-180-363-1

Construction completed March 1, 2021. The maintenance bond will expire on March 1, 2023.

Saint David Drive Water Main Replacement – Phase 2, M-180-367

Contract 2019-13 to the Pioneer Pipe Contractors in the amount of \$523,526.00 was deemed complete effective December 31, 2020, and on maintenance bond that expires on December 31, 2022.

Hartford Road WPCF Plant Laboratory, M-180-370

Contract 2018-07 was deemed substantially complete on December 17, 2020. The maintenance bond will expire on November 21, 2021.

Emergency Shower and Eyewash Facility Installation, M-180-372-1

Contract 2018-18 to Whitfield Schneider Enterprises, Inc. in the amount of \$193,100.00 was deemed complete effective February 28, 2021, and on maintenance bond until February 28, 2023.

Hartford Road WPCF Filter Press Control Panel Replacements, M-180-374

Construction completed March 19, 2020, and on maintenance bond until March 19, 2022.

Hartford Road WPCF Door Replacement, M-180-375

Construction completed January 7, 2020, and maintenance bond expires January 7, 2022.

Repainting of Elbo Lane Clarifiers, M-180-383

Contract 2020-03 in the amount of \$189,700.00 to Brave Industrial Painting, LLC was deemed complete 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.

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

Indigo Drive Water Main Replacement Phase 3 (Engineer: ERI, Inc.), W21-CC-(A)

The scope of the project included replacement of the existing water main and house services from Hydrangea to the end of the cul-de-sac. The roadway was milled and paved from curb to curb. A contract in the amount of \$187,809.00 was awarded to RTW Construction, Inc at the August 2020 meeting. Installation of the water main, hydrants and services are complete, paving is done. Project close out information must be submitted. Change Order #2 was approved during the June 17, 2021, meeting, with an adjusted contract price of \$187,809. Construction is complete, waiting on final paperwork to close the job out.

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

The scope of the project includes rehabilitation of air relief valves on the high-pressure sanitary sewer force main and addition of air release valve vaults at other locations on the high-pressure force main. Project should be advertised for bid in the spring and awarded in the summer. We recently received comments for traffic control from Burlington County. Bids will be received on July 29, with plans to award in August 2021.

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

This project includes the replacement of 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. It is recommended to award the project, contract number 2021-01, to Earle Asphalt Company in the amount of \$400,213.13 at tonight's meeting.

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

No change in status. The project schedule indicated that 22 flow meters would be installed at Authority PSs in February 2021 and flows would be recorded for 2 months. Winter is typically when the highest wastewater flows are experienced due to rain and snow events and a high ground water table. Installation of the flows meters was delayed by the metering company and the high flow season was missed. As a result, the flow metering will be postponed until November when the system flows typically increase. Mott MacDonald will continue with the development of the primary force main hydraulic model using the data available at this time. Final calibration of the model will be done after the flow monitoring data is collected.

Hartford Road WFCF-Dewatered Sludge Conveyance Equipment and Belt Press Evaluation (Engineer: Colliers Engineering & Design-formerly Maser Consulting)

This project is for an evaluation of the biosolids handling systems for repairs, replacement or modifications to the process and to develop cost estimates. The preliminary draft report which was received April 23<sup>rd</sup> by the Authority and a review meeting held. The final report was received today. Need to review and decide what to do with recommendations.

**Closed Session**

A motion was made by Mr. Smith, seconded by Mr. Knight, voted on and unanimously approved to pass Resolution 2021-07-86 to close the meeting to discuss Potential Litigation, Personnel and Collective Bargaining Agreement which are exempt from open meetings under the Sunshine Law, at 7:15 p.m.  
Total votes: 5 ayes, 0 nays, 0 abstentions, 0 absent

Potential Litigation, Personnel and Collective Bargaining Agreement – SEE CLOSED PORTION OF MEETING

The meeting was re-opened at 7:58 p.m., following a motion made by Mr. Francescone, and seconded by Ms. Murphy and with unanimous agreement from Ms. Capri, Mr. Knight, Ms. Murphy, Mr. Smith and Mr. Francescone.  
Total votes: 5 ayes, 0 nays, 0 abstention, 0 absent

**Contracts**

Following a motion made by Ms. Murphy and seconded by Mr. Smith, the Board unanimously approved Resolution No. 2021-07-87, Resolution Approving Change Order No. 2, with an Increase of \$6,885.81, for the Hartford Road WPCF Piping Heat Tracing and Insulation Project, MUA Contract No. 2019-04, 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

Following a motion made by Mr. Knight and seconded by Mr. Francescone, the Board unanimously approved Resolution No. 2021-07-88, Resolution Authorizing Release of Maintenance Bond for 2018 Sanitary Sewer Lining Project, MUA Contract No. 2018-12, 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

Following a motion made by Ms. Murphy and seconded by Mr. Smith, the Board unanimously approved Resolution No. 2021-07-89, Resolution Approving Award of Contract to Allied Painting, Inc., in the amount of \$325,000.00 for the Hartford Road WPCF Primary Clarifier Painting, MUA Contract No. 2021-03, 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

Following a motion made by Mr. Francescone and seconded by Mr. Smith, the Board unanimously approved Resolution No. 2021-07-90, Resolution Approving Award of Contract to Earle Asphalt Company, in the amount of \$400,213.00 for the E. Saint Andrews Water Main Replacement Project, MUA Contract No. 2021-01, 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

### **Accounting and Financial**

Following a motion made by Mr. Knight and seconded by Ms. Murphy, the Board unanimously approved the Treasurer's Report for May 2021 and Payment Plan Status Report for June 2021, with affirmative votes from Ms. Capri, Ms. Murphy, Mr. Knight, Mr. Smith and Mr. Francescone.

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 #621 in the amount of \$322,441.69 for the accounts payable vouchers, with affirmative votes from Ms. Capri, Ms. Murphy, Mr. Knight, Mr. Smith and Mr. Francescone.

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

There are no bills from the Acquisition and Construction List.

Following a motion made by Mr. Knight and seconded by Ms. Murphy, the Board unanimously approved Requisition #5389 through #5420, in the amount of \$463,007.02 from the Renewal and Replacement list with affirmative votes from Ms. Capri, Ms. Murphy, Mr. Knight, Mr. Smith and Mr. Francescone.

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

### **Comments:**

Ms. Carolan noted that next month the meeting will be a hybrid meeting.

Mr. Sears noted that surplus equipment was sold at auction for \$29,640.00.

Following a motion made by Mr. Smith seconded by Ms. Murphy, and with unanimous agreement from the members, the meeting was adjourned at 8:04 p.m.