

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

May 16, 2019

Chairwoman Coco-Capri called the regular meeting of the Mount Laurel Township Municipal Utilities Authority to order at 7:03 p.m. in the Elbo Lane Water Treatment Plant Facility Meeting Room.

Those in attendance were:

Cheryl Coco-Capri	Chairwoman
John Francescone	Vice Chairman
Elwood Knight	Secretary
Christopher Smith	Member

Also in attendance were:

Richard Alaimo	Consulting Engineer
James Bulicki	Consulting Engineer
Kelly Grant	Solicitor
Pamela Carolan	Executive Director
David Wiest	Finance Director
Robert Adler	Operations Engineer
Russell Trice	Operations Engineer
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 was no public comment

**Minutes**

Approval of the April 2019 minutes were tabled until a quorum of members who attended that meeting are present.

**Developments/New Connections**

Following a motion made by Mr. Smith and seconded by Mr. Knight, the Board unanimously approved Resolution No. 2019-05-76 Resolution Approving the Reduction of Sanitary Sewer and Water Distribution Performance Cash Bonds for Capital Seniors Housing, with affirmative votes from Mr. Knight, Mr. Smith and Ms. Capri.

Total votes: 3 ayes, 0 nays, 0 abstentions, 2 absent

**Operations**

**Water System Summary**

Ms. Carolan reported that there were no new leaks since the last meeting.

Ms. Carolan noted that for the ASR, there is 170MG in the ground for the summer and we will begin withdrawing the water next week; the entire volume must be recovered by the end of this cycle on September 30.

Ms. Carolan noted additional lead and copper sampling was required because of purchasing surface water from NJAWC; this round is completed and as been submitted to the State. Seventy homes were sampled, lead was detected at two, and our total results were well below any action level. The results were discussed with all homeowners; those with detections were provided with information regarding how to mitigate. The next round of sampling will begin in October.

Mr. Francescone arrived at 7:09 p.m.

Ms. Carolan reported that 3 of our 8 emergency interconnects are with Evesham MUA. During Evesham's April hydrant flushing, one of their employees opened the emergency interconnection between our systems in the Ravenscliffe development which caused rusty water complaints in Ramblewood Farms. Our personnel immediately closed the interconnection, but at some point the Evesham employee reopened it which we didn't re-discover until the end of the month. Between 4/8 and 4/30, 21MG came into Mt. Laurel's system from Evesham. We are working with Evesham to resolve the water transfer and their employee's actions.

#### Wastewater System Summary

Ms. Carolan reported that 5 pumping stations are operating out of normal parameters.

Ms. Carolan added that at the plant there were problems with both primary clarifiers: one has a bent sheer pin and the other had a malfunction on the sweeper arm – it caught onto the sludge monitor damaging the catwalk. That clarifier remains in service until repairs can be made.

Underdrains –

Ms. Carolan noted that we cleared a blockage on South St. Andrews and also at the Briarwood underdrain station. On the mapping verification, we have 2 additional confirmations – Bridlewood has a sump pump header and Cambridge Drive has lower system.

#### Minutes

Following a motion made by Mr. Francescone and seconded by Mr. Smith, the Board unanimously approved the minutes for the April 18, 2019 Regular Meeting, with affirmative votes from Mr. Smith, Mr. Francescone and Ms. Capri. Mr. Knight abstained.

Total votes: 3 ayes, 0 nays, 1 abstention, 1 absent

#### Presentation of Engineer's Status Report

Mr. Bulicki presented the report.

#### Elbo Lane Force Main Replacement

No change in status. This project includes the replacement of a section of the 20" primary force main from the west side of Church Street, under the Elbo Lane/Church Street intersection and along Elbo Lane to a point beyond Well No. 7. The preliminary force main layout has been completed. A road opening application was submitted to Burlington County so the Authority's contractor can perform the vacuum extraction to determine the depth of the Sunoco Gas line. We are still waiting for approval for this to perform the work. The depth of the gas lines must be determined before the final design drawings can be completed. In addition to this work we are performing a detailed survey and title search of the Wawa property located on South Church Street (Block 1004 Lot 12), to determine the value of the property for temporary and permanent easements. We provided the Authority with a map showing the best location of the permanent easement. This project will be financed via borrowing from the NJ Infrastructure Bank (NJIB) in a future bundle.

#### Replacement of Part of Library Force Main and Millstream Force Main Connection

This project was reorganized and split into two projects. Replacement of a section of force main for the Library PS beginning at the pump station and extending beyond the Rt. 295/NJ Turnpike crossing and replacement of the connection of the Millstream force main to the primary force main on Union Mill Road. This project will be funded through the NJ Infrastructure Bank (NJIB). The plans and specs for the combined project have been revised to incorporate NJIB requirements and Authority comments. We are also preparing the Planning Document, which is the initial submission that must be made for a NJIB project. The Library force main and Millstream connection will be combined in one loan application with the Briggs force main, Library connection and Union Mill Farms Force Main Redirection project.

Replacement of Briggs Force Main and Connection and Library Force Main Connection

This project was reorganized and split into two projects. Replacement of Briggs Road force main and connection to the primary force main on Union Mill Road and connection of the Millstream force main connection to the primary are included. This project will be funded through the NJ Infrastructure Bank (NJIB). We are preparing the Planning Document, which is the initial submission that must be made for a NJIB project. The Briggs force main and connection and Library connection will be combined in one loan application with the Library force main and Millstream connection and Union Mill Farms Force Main Redirection project.

Atrium and Hooten Pump Stations Upgrades

No change in status. 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 Booster Station. Work on the plans and specifications is on-going. This project was included in the first loan application for NJIB financing; however, construction is not scheduled to start until FY2020.

Devonshire Pump Station Upgrade

This project will include a major rehabilitation of the Devonshire Pump Station. The original pump station was constructed in 1977 as part of the Larchmont Village IV development. Although the station has been rehabilitated and upgraded a few times since it was constructed, major work is now required to the electrical and mechanical systems to keep the station operating acceptably.

The Devonshire Pump Station receives flow from some of the Larchmont sections and from the Timbercrest Pump Station and the Rancocas Woods Pump Station. It is anticipated that a proposed housing project in Rancocas Woods as well as existing commercial and residential properties currently on septic systems located on or near Creek Road may connect to the Devonshire Pump Station drainage area. Although the estimated wastewater flow that could be discharged to the Devonshire Pump Station is not yet known, it is assumed based on a recent flow metering study that the station will have sufficient capacity to handle these new connections. However, the design and sizing of the collection system along Creek Road should be sized to accommodate as many future connections as possible. Providing sewer to the properties along Creek Road may necessitate determining how to provide sewer to the remainder of the unsewered properties in Rancocas Woods. We are currently working on the electrical redesign before resubmission to the Planning Board as the electrical service will need to be replaced.

Hartford Road WPCF Warehouse to Garage Conversion

The purpose of this project is to convert the old warehouse at the Hartford Road WPCF to a vehicle storage garage for several of the Authority's large vehicles which require tempered storage. Currently the vehicles are stored at the Commerce Tank and 85 Elbo facilities. One existing garage door will be replaced and 2 new garage doors will be installed. Paving for access to the new garage doors and storage will also be provided.

This project was included in the first loan application for NJIB financing and construction is scheduled for FY2019. At the April 2019 meeting, the project was awarded J.H. Williams Enterprises in the amount of \$314,000. Notice to proceed is anticipated in the beginning of June after the contractor submits required bonds and other documentation.

Hartford Road WPCF Tank Repairs

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.

This project was included in the first loan application for NJIB financing and construction is scheduled for FY2019. The project was advertised on March 18, 2019 and the bid opening was held on May 9, 2019. The low bid was higher than estimated and we are investigating options into rebidding the project with a modified scope of work.

Hartford Road WPCF Orbal Aerator Repairs

No change in status. 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.

The plans and specs are substantially complete. This project was included in the first loan application for NJIB financing, construction is scheduled for FY2020.

Generator Replacement – 85 Elbo Lane

This project included replacement of the original generator from the early 1970's located at 85 Elbo Lane. A contract in the amount of \$126,000.00 was awarded to ABS Electric, Inc. at the October 18, 2018 meeting.

The generator is installed, tested and ready for service. SCADA integration is complete. Awaiting record drawings before closing project out.

Hartford Road WPCF Roof Replacement

No change in status. This project includes the replacement of roofs on seven (7) buildings at the WPCF. These roofs are the original roofs installed when the buildings were constructed in 1996. This project will be funded using NJIB financing; bidding will occur as soon as approvals are obtained. The project's scope has been revised to include lightning protection. This combines two projects from NJIB bundle 1. The schedule is to complete the plans and specifications this year with construction to begin in July 2020.

Hartford Road WPCF Lighting Replacement

This project is for the replacement of site lighting throughout the plant. We are currently preparing the plans and specs. Electrical design is complete. Our structural department is finalizing details on replacements of base structures.

Nottingham Way Water Main Replacement

No change in status. This project includes the replacement of approximately 500 LF of 6" water main. Survey work has been completed. The project schedule will be dependent on the frequency of future water main breaks.

Saint David Drive Water Main Replacement – Phase 2

No change in status. This project includes the replacement of water main in the Mill Run development. Survey work is partly completed as scope of work was amended.

York Road Water Main Replacement

This project included the replacement of approximately 1,200 LF of 6" water main. A contract in the amount of \$265,945.00 was awarded to Pioneer Pipe Contractors, Inc. at the August 2018 meeting. The contractor has completed all water main installation work. Final paving is complete, and restoration will be completed shortly.

Hartford Road WPCF Plant Laboratory

This project includes the conversion of an existing storage building that formerly contained a package water treatment plant for the on-site well into a laboratory for plant operating personnel's use. A Minor Site Plan Alteration approval has been received from the Township Planning Board. On April 18, 2019, a contract was awarded to J.H. Williams Enterprises in the amount of \$224,000. Notice to Proceed will be issued in June after the contractor submits required bonds and other documentation.

Emergency Shower and Eyewash Facility Installation

This project includes the installation/replacement of emergency shower and eyewash equipment at 8 facilities. Some of the facilities do not currently have shower/eyewashes and some of the facilities do have shower/eyewashes; however, they do not use tepid water as is required by current regulations.

The plans and specifications for the shower/eyewash facilities to be installed at Well No 7, the Larchmont PS and at the Hartford Road WPCF (4 locations) are complete and awaiting comments from the Authority. We are working on permitting and applying for additional gas services from PSE&G.

#### Elbo Lane WTP Clarifier Davit Replacement

This project includes the replacement of 2 existing davits located at the clarifiers which are used to pull the clarifier sludge removal pumps. The 2 existing davits will be replaced with 4 davits, with one davit dedicated to each of the submersible pumps. A platform will also be installed to allow the operators better access to the davits and wet wells where the pumps are located. Contract No. 2018-04 in the amount of \$84,940 was awarded to Municipal Maintenance Company on February 21, 2019. Submittals have been received and approved. We are currently waiting to the material to be delivered to the site. Construction should start and finish in June.

#### Hartford Road WPCF Filter Press Control Panel Replacement

This project includes the replacement of the filter press controls and filter press belt motors. This project is scheduled for construction in FY2019; however, the exact timing is dependent on NJDEP approvals as part of bundle 1 of the NJIB loan. Plans and specs have been approved to advertise. The bid opening will be on June 13.

#### Hartford Road WPCT Door Replacements

This project includes the replacement of approximately 26 doors located at various buildings at the Hartford Road WPCF. The doors are the original metal doors installed on the buildings when the plant was constructed in 1996. Due to the environment, the doors have corroded and will be replaced with fiberglass doors which are corrosion resistant. Contract No. 2018-15 in the amount of \$217,000 was awarded to W.G. Gross, Inc. at the February 21, 2019 meeting. Submittals have been received and approved. Currently waiting for materials to be delivered to site and for construction to begin.

#### Union Mill Farms Pump Station Force Main Replacement

This project will include installation of a new force main that will redirect the pump station discharge out of the main force main in Union Mill road and into the gravity sewer collection system that discharges to the Holiday Village East Pump station.

We are currently preparing the Planning Document, which is the initial submission that must be made for a NJHIB project. This project will be combined in one loan application with the Replacement of Library Force Main, Millstream Force Main Connection , the Briggs Road Force Main and Library Force Main Connection.

#### Piping, Heat Tracing and Insulation Replacement at the Hartford Road WPCF

No change in status. 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 in 1996. Plans and specifications are currently being prepared. Once completed and approved by the Authority, they will be forwarded to NJDEP approval as this project will be funded via a loan from the NJIB.

#### Well No. 4 Spare Pump

This project included purchasing a spare column pipe, line shaft and spider bearings for Well No. 4. The components will be delivered to the Authority and stored in the event that they are needed. On April 18, 2019, the contract was awarded to A.C. Schultes, Incorporated in the amount of \$32,500.

#### Additional Projects

In addition to the projects previously mentioned, additional projects were submitted to the NJ Infrastructure Bank for financing under the first loan application. The schedule for advertisement, receipt of bids and awarding the projects to be financed is very dependent on the time it takes NJDEP to review the planning documents, plans, specs and other loan documents. The date when NJDEP will approve each project to be advertised for bids is unknown at this time.

- PLC Pump Station Monitoring System, construction scheduled for FY2020.

#### 2018 Sanitary Sewer Rehabilitation

Ms. Carolan added that design of this project was performed by ERI. This project includes lining of approximately 1200 lf of 10" and 2400 lf of 16" diameter sanitary mains and rehabilitation of 15 manholes in the Birchfield development. Contract 2018-12 in the amount of \$216,792.00 was awarded to National Water Main Cleaning Co. at the September 2018 meeting. The contractor has completed all work with the exception of the large void on the 16" main on S. Lake Dr. Alternatives for repair are under discussion.

#### Closed Session

A motion was made by Mr. Smith, seconded by Mr. Francescone, voted on and unanimously approved to pass Resolution 2019-05-77 to close the meeting to discuss Regulatory Matters, Litigation and Potential Litigation, which are exempt from open meetings under the Sunshine Law, at 7:40 p.m.

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

Regulatory Matters, Litigation and Potential Litigation – SEE CLOSED PORTION OF MEETING

The meeting was re-opened at 8:18 p.m., following a motion made by Mr. Knight, and seconded by Mr. Smith and with unanimous agreement from Ms. Capri, Mr. Francescone, Mr. Knight and Mr. Smith.

#### Contracts

Following a motion made by Mr. Smith and seconded by Mr. Knight, the Board unanimously approved Resolution No. 2019-05-78 Resolution Authorizing Release of Maintenance Bond for St. David Drive Water Main Replacement, Phase I, Contract No. 2015-09, with affirmative votes from Mr. Smith, Ms. Capri, Mr. Knight and Mr. Francescone.

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

Following a motion made by Mr. Francescone and seconded by Mr. Knight, the Board unanimously approved Resolution No. 2019-05-79 Resolution Approving Award of Contract Following Receipt of Competitive Bids to RIO Supply, Inc. in the amount of \$517,392.00 for Water Meters, Contract No. 2019-09, with affirmative votes from Mr. Smith, Ms. Capri, Mr. Knight and Mr. Francescone.

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

Following a motion made by Mr. Knight and seconded by Mr. Smith, the Board unanimously approved Resolution No. 2019-05-80 Resolution Approving Award of Contract to MidAmerican Energy Services, LLC for the Amount of \$0.09265 Per Kilowatt Hour Following Receipt of Competitive Bids for the 3<sup>rd</sup> Party Electric Supply, with affirmative votes from Mr. Smith, Ms. Capri, Mr. Knight and Mr. Francescone.

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

Following a motion made by Mr. Smith and seconded by Mr. Francescone, the Board unanimously approved Resolution No. 2019-05-81 Resolution Approving Rejection of Competitive Bids for the Hartford Road Water Pollution Control Facility Tank Repairs, with affirmative votes from Mr. Smith, Ms. Capri, Mr. Knight and Mr. Francescone.

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

#### Accounting and Financial

Following a motion made by Mr. Smith and seconded by Mr. Knight, the Board unanimously approved Resolution No. 2019-05-82 Resolution Approving Authority Budget Adoption for Water and Sewer Service and Facilities for Fiscal Year July 1, 2019 to June 30,2020, with affirmative votes from Mr. Smith, Ms. Capri, Mr. Knight and Mr. Francescone.

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

Following a motion made by Mr. Francescone, and seconded by Mr. Smith, the Board unanimously approved the Treasurer's Report for March 2019 and Payment Plan Status Report for April 2019, with affirmative votes from Mr. Francescone, Ms. Capri, Mr. Knight and Mr. Smith.

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

Following a motion made by Mr. Knight, and seconded by Mr. Francescone, the Board unanimously approved Requisition #595 in the Amount of \$680,060.36 for the Accounts Payable Vouchers, with affirmative votes from Mr. Francescone, Ms. Capri, Mr. Knight and Mr. Smith.

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

Following a motion made by Mr. Francescone, and seconded by Mr. Smith, the Board unanimously approved Requisition #4545 in the amount of \$574.02 from the Acquisition and Construction List, with affirmative votes from Mr. Francescone, Ms. Capri, Mr. Knight and Mr. Smith.

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

Following a motion made by Mr. Smith, and seconded by Mr. Knight, the Board unanimously approved Requisitions #4625 through #4659 in the amount of \$139,897.92 from the Renewal and Replacement List, with affirmative votes from Mr. Francescone, Ms. Capri, Mr. Knight and Mr. Smith.

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

**Comments:**

Ms. Carolan noted that the Township passed a resolution for the re-development for Rancocas Woods. A meeting will be held with the Business Association next Tuesday and the Authority will attend.

Mr. Wiest noted that the amended Budget will be presented at the June Board meeting.

Following a motion made by Mr. Francescone, seconded by Mr. Knight, and with unanimous agreement from the members, the meeting was adjourned at 8:28 p.m.