

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

August 15, 2019

Chairwoman Coco-Capri called the regular meeting of the Mount Laurel Township Municipal Utilities Authority to order at 7:05 p.m. in the Elbo Lane Water Treatment Plant Facility Meeting Room.

Those in attendance were:

Cheryl Coco-Capri	Chairwoman
Dennis Riley	Secretary
Christopher Smith	Member
Elwood Knight	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
Janice Burness	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

Following a motion made by Mr. Riley and seconded by Mr. Smith, the Board unanimously approved the revised minutes for the July 18, 2019, meeting, with affirmative votes from Mr. Knight, and Ms. Capri. Total votes: 4 ayes, 0 nays, 0 abstentions, 1 absent

Operations

Water System Summary

Ms. Carolan reported that there were two water main leaks since the last meeting. One was at Holiday Village East at Indigo and Hydrangea and 20 customers were without service for that repair. The other was at 200 ½ Ramblewood Parkway, our Well Number 6, Solar and Ramblewood Pump Station facility. Being MUA property, no customers were without service for that repair.

There was one service leak on July 27th at 1000 Birchfield Drive. A contractor was attempting to fix it from the 28th to the 30th and was unsuccessful. Ms. Carolan believes the police department was sending out a Nixle that it was a water main break, but it was a service line break. The MUA gave some guidance to the contractor and it was eventually repaired.

There are 48 million gallons still stored in the ASR and MUA has until September 30th to recover the water. Ms. Carolan stated the MUA is planning to recover it all but still may not get all of the regular allocation out and meet our contractual requirements.

A notice of violation from the DEP was received for lead and copper monitoring program for the emergency interconnection at Horizon Way for the first half of the year, however it was incorrectly issued because the emergency interconnection was not used and therefore should not be sampled for pH and orthophosphate. Correction of the violation will be addressed expeditiously so incorrect information hopefully does not get reported on the DEP website.

Wastewater System Summary

There are two pump stations operating outside normal parameters on the wastewater system.

There was a force main break on July 28th in the easement area between Tricia Meadows and Moorestown-Mount Laurel Road behind Tara Estates. There was a long longitudinal crack on the PVC and could not be clamped. A whole length of pipe had to be cut out to replace it. There was a large spill, and all the necessary reports were filed with the DEP.

Mr. Knight inquired if it was unusual for PVC pipe to crack and Mr. Adler stated that they fail in that manner when there's too many hammers, or cyclical hammering. Ms. Carolan stated that the air release valve that's on Moorestown-Mount Laurel Road in the vicinity of Hainesport-Mount Laurel is nonfunctional and is a capital project to install a new one in the vicinity of Elbo Lane, and once completed, it should help alleviate the problem.

Ms. Carolan noted that there was a similar failure about 2-3 years ago by the football field with a long crack that necessitated a whole section of pipe to be put in, and that force main is two years newer than the one at Tricia Meadows.

Underdrains

The underdrain verification status confirms there are no underdrains in the Edinburgh neighborhood.

In addition, it was confirmed there is a low-level system only in Eagle Point, Augusta Circle, the Ramblewood Condos and Townhouses. There has not been an investigation in the Cypress neighborhood yet.

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. Borings to determine the location of the Sunoco gas line have been done. The Authority has revised the timing for this project FY2022 to accommodate other projects on the force main system. 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 includes 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. The Library force main and

Millstream connection projects were combined in one NJ Infrastructure Bank (NJIB) loan application with the Briggs force main, Library connection and Union Mill Farms Force Main Redirection project. The Planning Document was submitted to DEP and we are awaiting comment or approval.

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

This project includes replacement of Briggs Road force main from the pump station to the connection to the primary force main on Union Mill Road, and replacement of the Millstream force main connection to the primary. The Briggs force main, and Library connection projects were combined in one NJ Infrastructure Bank (NJIB) loan application with the Library force main replacement, Millstream connection, and Union Mill Farms Force Main Redirection projects. Plans and specifications have been given to the Authority to review before submission to NJDEP.

Atrium Pump Station

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.

Electrical is finishing their design. Should be done by August. Complete plans and specifications will be submitted to the Authority before review by the DEP.

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 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.

PSE&G connection or upgrade has been finalized and electrical design is being finished to submit to the Planning Board. The only issue left is a discussion of a permanent retaining wall that is being installed that would be on Township property, so approval is needed from the Township before being put up. Ms. Carolan asked if it was a retaining wall to curb erosion and Mr. Bulicki stated he believed it is. Mr. Bulicki further stated there is no wall now and it would be for aesthetics and it would be behind the transformer. Mr. Adler, however, stated he believed it is for drainage. There will be further discussion regarding the wall.

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 sanitary vehicles which require tempered storage. This project was included in the first loan application for NJIB financing and construction was scheduled for FY2019. At the April 2019 meeting, a contract was awarded J.H. Williams Enterprises in the amount of \$314,000.

Notice to proceed was issued on June 1, 2019. The contractor has begun submitting shop drawings for review. The Authority has been having a problem obtaining the local permits including the Planning Board approval for minor site plan alterations. Project to be completed by November 28, 2019.

Construction is underway. A conflict with the buried primary power supply to the plant has been encountered but the project should still be done by the end of November.

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 was 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 substantially higher than estimated so all bids were rejected at the May 16, 2019 meeting.

We have revised the scope of work in order to reduce costs and include the more immediate needs. Painting will be budgeted and performed at a future date. Plans and specifications were revised and NJDEP obtained. Bids for the revised project were opened on August 8, 2019. Three (3) bids were received with the low bid being \$1,882,000, which is below the revised engineer's estimate of \$1,900,000. We recommend project award to the low bidder, BR Welding, Incorporated, pending NJDEP approval.

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.

Hartford Road WPCF Roof Replacement

This project includes the replacement of roofs on seven (7) buildings and lightning protection 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, bundle 1; bidding will occur as soon as approvals are obtained with construction planned to begin in July 2020.

Plans and specs were given to MUA to review before submission to NJDEP.

Harford Road WPCF Lighting Replacement

This project is for the replacement of site lighting throughout the plant. Design is complete. Engineering review to be finalized and then given to MUA for review before submission to NJDEP. It will be several months before advertising.

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

This project includes the replacement of additional water main in the Mill Run development. Water main survey is complete. We will begin finalizing the design and should be done shortly.

Hartford Road WPCF Plant Laboratory Relocation

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 was issued on June 1, 2019. The contractor has begun submitting shop drawings for review and the project will be completed by November 28, 2019. The Authority had a problem obtaining the local permits. However, the project is now underway and should be done by November.

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 we just received everything we needed from PSE&G regarding the additional gas services. Design and plant inspection should be done shortly.

Elbo Lane WTP Clarifier Davit Replacement

This project included the replacement of 2 existing davits located at the clarifiers which are used to pull the clarifier sludge removal pumps. The 2 existing davits were replaced with 4 davits, with one davit dedicated to each of the submersible pumps. A platform davit was also 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. Construction is complete with the exception of final punch list items. Final payment will be submitted next month.

Hartford Road WPCF Filter Press Control Panel Replacements

This project includes the replacement of the filter press controls and filter press belt motors. This project is part of bundle 1 of the NJIB loan. A contract in the amount of \$183,750 was awarded to the low bidder, A.B.S. Electric, Incorporated on June 28, 2019. A preconstruction meeting was held on July 30, 2019 and Notice to Proceed issued. We are waiting on shop drawing submittals.

Hartford Road WPCF 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, expected in mid-August, then construction will begin.

Union Mill Farms Force Main Replacement

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. An existing adjacent isolation valve for the primary will also be replaced. This project will be combined in one NJIB loan application with the Replacement of Library Force Main, Millstream Force Main Connection, the Briggs Road Force Main Replacement and Connection and Library Force Main Connection.

The Planning Document has been submitted to the DEP and we are awaiting comment or approval. Other required submittals are being submitted to DEP. Construction of some of the other force main projects will occur prior to bidding this work.

Piping, Heat Tracing and Insulation Replacement at the Hartford Rd 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. This project will be funded via a loan from the NJIB. Plans and specifications have been given to the Authority for review before submission to the NJDEP.

Well No. 4 Spare Pump

This project included purchasing a spare column pipe, line shaft and spider bearings for Well No. 4. On April 18, 2019, the contract was awarded to A.C. Schultes, Incorporated in the amount of \$32,500. Materials have been delivered and final payment application will be in September.

2018 Sanitary Sewer Rehabilitation

Ms. Carolan noted that this project included 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. Ms. Carolan stated there is a change order being presented for a quantity adjustment for the 2018 Sanitary Sewer Rehab. There was an additional \$20,000 associated with the repair work for the deep line on South Lake Drive due to a different method of repairing the hole. However, there was a quantity reduction of approximately \$10,000, so the change order is for an increase of \$10,700 to the contract. The contractor has submitted the final videos. Still waiting on the as-builts before the project can be accepted, but the work is complete.

Closed Session

A motion was made by Mr. Knight, seconded by Mr. Smith, voted on and unanimously approved to pass Resolution 2019-08-99 to close the meeting to discuss Regulatory Matters, Litigation and Potential Litigation, which are exempt from open meetings under the Sunshine Law, at 7:22 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 7:27 p.m., following a motion made by Mr. Smith, and seconded by Mr. Riley and with unanimous agreement from Ms. Capri, Mr. Riley, Mr. Knight and Mr. Smith.

Contracts

Following a motion made by Mr. Knight and seconded by Mr. Riley, the Board unanimously approved Resolution No. 2019-08-100, Resolution Approving Change Order No. 3 for the 2018 Sanitary Sewer Rehabilitation Project, Contract No. 2018-12, with affirmative votes from Mr. Smith, Ms. Capri, Mr. Riley and Mr. Knight.

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

Following a motion made by Mr. Knight and seconded by Mr. Smith, the Board unanimously approved Resolution No. 2019-08-101, Resolution Approving Award of Contract to BR Welding, Inc. for the HRWPCF tank repairs project in the amount of \$1,882,000 with affirmative votes from Mr. Smith, Ms. Capri, Mr. Riley and Mr. Knight

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

Accounting and Financial

Following a motion made by Mr. Riley and seconded by Mr. Knight, the Board unanimously approved Resolution No. 2019-08-102, Resolution Adopting Amended Authority Budget for Fiscal Year from July 1, 2018 to June 30, 2019, with affirmative votes from Mr. Smith, Ms. Capri, Mr. Riley, Mr. Knight.
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 the Treasurer's Report of June 2019 and Payment Plan Status Report for July 2019, with affirmative votes from Mr. Smith, Ms. Capri, Mr. Riley, Mr. Knight.
Total votes: 4 ayes, 0 nays, 0 abstentions, 1 absent

Following a motion made by Mr. Smith and seconded by Mr. Riley, the Board unanimously approved Requisition #598 in the amount of \$792,562.12 for the accounts payable vouchers with affirmative votes from Mr. Smith, Ms. Capri, Mr. Riley, Mr. Knight.
Total votes: 4 ayes, 0 nays, 0 abstentions, 1 absent

Following a motion made by Mr. Knight and seconded by Mr. Riley, the Board unanimously approved Requisition #4548 through #4550 in the amount of \$3,205.65 from the acquisition and construction bill list with affirmative votes from Mr. Smith, Ms. Capri, Mr. Riley, Mr. Knight.
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 Requisition #4724 through #4766 in the amount of \$221,993.92 from the renewal and replacement list with affirmative votes from Mr. Smith, Ms. Capri, Mr. Riley, Mr. Knight.
Total votes: 4 ayes, 0 nays, 0 abstentions, 1 absent

Comments:

Mr. Wiest stated that closing on the NJIB notes is scheduled for August 21st.

Chairwoman Coco-Capri cautioned about inquiries regarding lead in light of all of the recent press regarding the situation in Newark.

Ms. Carolan noted that changes will be made to the hotlinks on our website for Drinking Water Quality Report - CCR and the 2019 data will be ready for publication on July 1, 2020. The website was changed to go in order of Report, FAQs, then PFAS Info and then Chromium-6 Information. Ms. Carolan asked everyone to look at the website and suggest any additional changes.

Ms. Carolan stated lead and copper requires action when the 90th percentile of premises tested have a detection over 15 parts per billion lead. Our next sampling will be in October when we return to NJ American supply as a source. In the past, the majority of our test results have been non-detect. If any results are higher than 15 ppb, we re-test even though all results are reported. The results are also explained to the homeowner and discussions are held on ways to reduce the lead.

Ms. Carolan further stated that we are very low risk because there is no lead in the source water, and there is no lead piping or lead fittings within the MUA system, and customers do not have lead service lines, plus our water is not aggressive. There is lead solder in homes constructed prior to 1986 and there is also lead in brass fittings.

Following a motion made by Mr. Riley, seconded by Mr. Smith, and with unanimous agreement from the members, the meeting was adjourned at 7:38 p.m.