

Plumsted Municipal Utilities Authority Minutes  
July 16, 2019

(Please note, due to a technical issue with the operation of the recording system, there is no audio for the taped meeting)

Chairman Bronson called the July 18, 2019 Plumsted Municipal Utilities Authority Meeting to order and asked everyone to stand for the Flag Salute. Attorney McGuckin read the Open Public Meetings Act.

Those in attendance were Walter Bronson, Edward Weirsky, Bob Minter, Ron Dancer, Ricky Brown, Mr. Esposito and Ms. Lawrence.

Treasurer Report

Mr. Ylvisaker reported that the Escrow Account with Investors had a balance of \$9,750.98. Mr. Ylvisaker stated that on the Bill List there is a payment listed to T and M Associates of \$4,342.75 for sewer construction monitoring services related to the Lennar development. The new balance for the Escrow Account is \$5,408.23. Mr. Ylvisaker will transfer the \$4, 342.75 from the Escrow Account to the Checking Account if payment is authorized tonight.

He also reported the General Checking Account with Investors had an opening balance in June 2019 of \$30,116.50, with expenses of \$34,420.84 and deposits of \$104,817.31 ending with a cleared balance of \$100,512.97. The check register balance as of July 16, 2019, with payment of the items listed on the Bill List, is \$77,196.21. He further noted that there are sufficient funds available to pay the bills.

Mr. Bronson asked if there were any questions on the Treasurer's Report. There were no questions or comments on the Treasurer's Report. On a motion of Mr. Weirsky, seconded by Mr. Esposito, the Treasurer's Report was approved. Roll Call Vote: All Ayes.

Bill List

There were no questions or comments on the Bill List. On a motion of Mr. Minter, seconded by Mr. Weirsky, the Bill List was approved. Roll Call Vote: All Ayes.

Minutes

Mr. Bronson asked if there were any questions or comments on the Meeting Minutes for June 18, 2019. Mr. Weirsky asked to change the wording in the Redevelopment section of the Minutes, 5<sup>th</sup> line that the word "state" be inserted between the words "current rules". This will now read "current state rules." It was also noted that Mr. Weirsky, not Mr. Dancer, had seconded the motion to go into Executive Session. This change was also made. On a motion of Mr. Weirsky, seconded by Mr. Minter, the Meeting Minutes for June 18 were approved. All Ayes with Mr. Dancer and Mr. Brown abstaining. On a motion of Mr. Minter, seconded by Mr. Weirsky, the Executive Session Minutes for June 18, 2019 were approved. All Ayes with Mr. Dancer and Mr. Brown abstaining.

## T and M Associates Monthly Report

Stephen Schreiber from T and M Associates was present to provide their monthly status report. Given the level of detail in his report, the Engineer's Report for the month of June 2019 is attached to the Minutes.

## Executive Director's Report

### Solid Waste

Mr. Ylvisaker noted that the Annual Solid Waste Registration had been sent out. He stated that there have been some issues in the collection of solid waste and recycling in construction areas which are being corrected. He further stated the part time assistant the Township hired to assist the MUA would be starting August 12, 2019.

### Energy

Mr. Ylvisaker reported that Manchester had issued an RFP for energy suppliers and three (3) firms have indicated their interest in responding. One of the firms, Constellation New Energy, is the firm currently under contract to Plumsted. The bids are due July 18. If, for some reason, Manchester does not award a contract, the Township will have to move on its own and issue an RFP.

### Redevelopment Project

Mr. Ylvisaker noted the Township is scheduled to close on its \$25 MM loan with the New Jersey Infrastructure Trust on Friday June 16, 2019. The Township is also working on an application to the Local Finance Board to increase the Township's debt ceiling to \$35 MM. This increase will cover higher costs associated with the Downtown New Egypt Sewer Collection and Wastewater Treatment project as well as money for the Financial Incentive Plan and startup costs for the MUA to operate and maintain the sewer collection and treatment system.

### Resolutions

Resolution 2019-23. This Resolution memorializes and authorizes a Change Order to T and M Associates to perform additional soil borings to determine if rock material is present at the pump station at a cost not to exceed \$7,450.00. On a motion of Mr. Weirsky, seconded by Mr. Minter, the Resolution was memorialized. All Ayes.

Resolution 2020-2. This Resolution authorizes Change Order # 2 to P and A Construction to remove rock at the downtown pump station as well as construction modifications at a cost not to exceed \$694,204.31. On a Motion of Mr. Minter, seconded by Mr. Weirsky, the Resolution was approved. All Ayes.

Resolution 2020-04. This Resolution authorizes Maher Appraisals to do an appraisal of Block 19, Lot 10 in the amount of \$2,250.00. On a motion of Mr. Weirsky, seconded by Mr. Dancer, the Resolution was memorialized. All Ayes.

Resolution 2020-5. This Resolution authorizes the MUA to enter into an agreement with New Jersey American Water to install domestic water service to the Wastewater Treatment Plant at an estimated cost of \$86,709.07. On a motion of Mr. Minter, seconded by Mr. Weirsky, the Resolution was approved. All Ayes.

#### Public Comments

Committeeman Grilletto asked whether the soil borings detected the presence of rock at the downtown pump station site and should T and M have known this and budgeted for it in the design and subsequent bid. Mr. Schreiber from T and M Associates explained that the drill did reach refusal at around 22'. However, when they drilled another test hole nearby the drill went right thru.

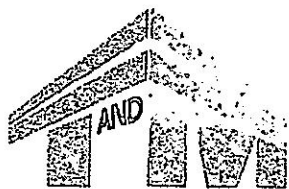
#### Adjournment

Since there was no further business, a motion was made to adjourn the meeting. Roll Call Vote: All Ayes.

The next meeting is scheduled for July 16, 2019 at 6:30PM.

Respectively submitted by:

Peter Ylvisaker, Board Secretary



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PLMU-00021

July 10, 2019

Mr. Peter Ylvisaker  
Executive Director  
Plumsted Municipal Utilities Authority  
121 Evergreen Road  
New Egypt, New Jersey 08533

Re: Engineer's Status Report – June 2019  
Downtown New Egypt Sanitary Sewer Collection and Disposal System

Dear Mr. Ylvisaker:

The following is our report on the project status and the work performed in June 2019.

**Downtown New Egypt Sanitary Sewer Collection and Disposal System**

**Collection System and Pump Station – P&A Construction, Inc.**

**June 7 & June 14, 2019** – An additional 12 soil borings were completed. Four soil borings were completed on June 7<sup>th</sup> and eight soil borings were completed on June 14<sup>th</sup>. The June 7<sup>th</sup> soil borings were B-1, B-3, B-5, and B-6. Soil borings B-1 & B-3 were completed at the pump station site and hit refusal at elevations 22' and 19' below grade respectively. The remaining two soil borings, B-5 and B-6 were completed on the Market Place side of the stream crossing. Refusal was realized in B-5 at 22' below grade. This boring was completed east of the Market Place driveway between the curb line and stream. The boring drill encountered resistance (hard drilling between 22' – 30' below grade) at the B-6 soil boring locations on this side of the stream crossing but was able to penetrate through the material indicating a less dense more brittle material exists. This boring was completed in the grass areas north of the BBQ Restaurant parking lot.

The June 14<sup>th</sup> soil borings consisted of B-7 (Main St. & Evergreen Rd.), B-8 (Evergreen Rd.), B-9 (Evergreen Rd.), B-10 (Evergreen Rd.), B-11 (Evergreen Rd.), B-12 (Evergreen Rd.), B-15 (Main St.), and B-17 (Grass area north of Main St. near BBQ parking lot). The boring drill encountered resistance (hard drilling between 22' – 30' below grade) at the B-7, B-8, B-9, B-10, B-11 and B-17 soil boring locations but was able to penetrate through the material indicating a less dense more brittle material exists. No resistance or hard drilling was encountered during soil borings B-12 and B-15.

A geotechnical report outlining the findings of the 12 additional soil borings prepared by Advantage Engineers dated June 28, 2019 was provided. A copy of the report is attached.

The soil material where refusal or hard drilling occurred has been identified as a partially indurated interval (cemented deposit) of very dense, iron cemented gray green glauconitic sand with 1-3" shell fragments.

**June 24, 2019** – The PMUA Sewer Sub Committee met to discuss pump station construction costs due to unforeseen cemented deposits located within the pump station footprint and stream crossing area.

The subcommittee also discussed obtaining an easement from the property owner of 6 Evergreen Road (Block 19 Lot 10). This easement will allow the PMUA to provide sewer connections to 27, 29, 31, 33, 41, 43 & 49 Main Street from the rear of these parcels; thereby eliminating one pipe run of sewer pipe in Main Street. The elimination of this pipe run will reduce the road closure time required in Main Street, west of Brindletown Road.

The subcommittee discussed initiatives such as Social Media, Website Posts blogging and conducting Public Outreach Meetings to improve overall project communication to the public.



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Le: Mr. Peter Yivisaker, Executive Director  
Plumsted Municipal Utilities Authority

Re: Engineer's Status Report - June 2019  
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**June 27, 2019** - An unmarked water service to 9 Magnolia Avenue was damaged during dewatering equipment installation by P&A Construction. NJAW repaired the water service to full capacity on June 28.

**June 28, 2019** - T&M met with NJAW to discuss water main conflicts with proposed sanitary sewer alignment in Evergreen Road from Main Street to 550' north of Main Street. Conflicts were determined during test pit operations performed by P&A Construction. NJAW requested a plan depicting the water main conflict and proposed realignment. T&M prepared a plan and sent it to NJAW on 7/10.

**June 28, 2019** - A dewatering generator located at the intersection of Pine Street & Magnolia Avenue leaked fuel. Township Police investigated the spill. P&A Construction performed cleanup of the leak, completed a repair to the generator and reported the incident to the NJDEP on 7/2 noting the spill had been cleaned up. NJDEP incident number 190702142454.

**July 1, 2019** - The PMUA Sewer Subcommittee met with P&A Construction to review and discuss nighttime extra work cost. Nighttime work will reduce negative impact to downtown businesses and daytime traffic flow. The location of the proposed nighttime work includes: intersection of Main Street & Brindletown Road, intersection of Lakeview Avenue & Main Street (includes piping through BBQ restaurant parking lot), and the intersection of Jacobstown Road, Maple Avenue and Main Street. The Sewer Subcommittee requested P&A to reduce the scope of work and costs proposed in the Jacobstown Road, Maple Avenue and Main Street Intersection.

The PMUA Sewer Subcommittee discussed the extra work proposed by P&A Construction to mobilize all materials and equipment necessary to excavate and remove the cemented deposits located within the pump station footprint, increase the sheeting depth by 4', increase depth of receiving pit by 4', lower the stream crossing jack & bore by 4', and lowering the pump station wet well. Change Order No. 2 to increase the P&A Construction contract amount by \$694,204.31 will be presented to the PMUA Commissioners for consideration. This cost can be reduced by up to \$50,000.00 should the cemented deposits removal take less time than estimated and the demobilization of the existing Crane from the site during time the stream crossing work.

The Sewer Subcommittee also discussed possible sewer main changes to reduce cost and time for the gravity main sewer installation in Main Street, N. Main Street, Fort Avenue, Evergreen Road, Front Street and Brindletown Road. T&M was directed to investigate the possible sewer changes and report back to the Sewer Subcommittee on July 8<sup>th</sup>.

**July 8, 2019** - The PMUA Sewer Subcommittee met with P&A Construction to review and discuss the revised nighttime extra work cost provided on July 1, 2019. The estimated costs to complete the nighttime work was finalized at this meeting. Change Order No. 3 to increase the P&A Construction contract amount by \$205,525.00 will be presented to the PMUA Commissioners for consideration. Should the work take place in concert with a scheduled asphalt plant nighttime opening for a project by others, this cost should be reduced.

In addition to the nighttime extra work costs, the Sewer Subcommittee discussed possible sewer main changes to reduce cost and time for the gravity main sewer installation in Main Street, N. Main Street, Fort Avenue, Evergreen Road, Front Street and Brindletown Road. T&M performed an initial investigation and determined an overall construction cost and time reduction could be realized by making several gravity pipe re-designs. T&M was directed to estimate the construction cost savings and to verbally review the proposed changes with the NJDEP.

To date the gravity sanitary sewer main has been installed in Cedar Street, Alton Street, Story Street, Helen Street, Magnolia Avenue, Meadowbrook Lane and Evergreen Road.

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Re: Engineer's Status Report - June 2019  
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The contractor has submitted night time construction costs to install the sewer improvements which have the greatest negative impact to Traffic and business operations. These include the proposed sanitary sewer improvements in Main Street, and Jacobstown Road. The PMUA Sewer Subcommittee is scheduled to review/discuss these additional costs with the contractor on June 18, 2019 prior to the PMUA monthly meeting.

T&M has received and responded to 8 RFI's from the contractor and reviewed 130 shop drawings.

T&M has received, and reviewed County Road Detour Plans submitted by P&A Construction, Inc. for Evergreen Road, Lakewood Road, Magnolia Drive and Maple Avenue. To date, the County has approved Evergreen Road and Magnolia Avenue (Phases 1 & 2).

#### RFP - WWTP

June 13, 2019 - T&M prepared a draft of the WWTP Design-Build contract and a draft of the report and provided it to the PMUA Attorney and the PMUA Sewer Sub-Committee for review & comment.

June 25, 2019 - Based on comments received from the PMUA Sewer Subcommittee and the PMUA Attorney, T&M finalized the WWTP Design-Build contract and report. These documents along with a copy of the three (3) WWTP Design-Build proposals received on February 13, 2019 were provided to the Township Clerk on June 28, 2019 for public viewing per NJDEP requirements.

July 1, 2019 - A notice of a public hearing was provided to the Asbury Park Press by the PMUA. The public hearing is scheduled for July 16, 2019 at 6:00 PM.

The public hearing must be held prior to submission of the contract and the report to the DCA and the NJDEP. A record of the public hearing shall be kept open for a period of seven (7) days following the conclusion of the hearing during which any interested parties may submit written statements to be included in a public hearing report. Following the seven (7) day open period the PMUA must prepare a written report including a copy of the proposed contract, the statement of reasons for the selection of the proposal submitted, the verbatim record of the public hearing, written statements submitted by interested parties and a copy of bond council's written opinion required pursuant to N.J.S.A. 58:27-23 and a statement prepared by the PMUA summarizing the major issues raised at the public hearing and the PMUA response thereto. The hearing report must be available to all interested parties, upon request, at no cost other than the actual cost of printing or copying.

#### GENERAL ENGINEERING

On June 10, 2019 - T&M submitted a revised proposal for consideration by the PMUA to perform the work required to prepare an Asset Management Plan required by NJIB funding. The revised version of the proposal excludes any costs associated with GIS location and mapping and will be based on the as-built drawings provided by the contractors at the end of construction. The PMUA is advised current NJDEP regulations do not specifically require GIS as part of their Wastewater Asset Management requirements; however, there are indications this could change over the next 6 to 12 months.





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Le: Mr. Peter Yivisaker, Executive Director  
Plumsted Municipal Utilities Authority

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If you have any questions or require additional information, please contact me.

Very truly yours,  
T&M ASSOCIATES

STEPHEN J. SCHREIBER, PE  
VICE PRESIDENT/DEPARTMENT MANAGER

SS:jet  
Enclosure

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