

February 25, 2025

Mr. Joseph Danielsen - Executive Director
Township of Franklin Sewerage Authority
70 Commerce Drive
Somerset, NJ 08873

Re: Engineering Status Report for February 2025
Our File No.: PFS00002.25

Dear Mr. Danielsen:

In accordance with your request, please find herein our engineering status report and summary of work activities performed for the Authority during the month of February, 2025.

I. **Weston Canal Pump Station (Phase 4)**

- A meeting was held with PSE&G on January 17, 2024 to review the Project status and proposed easement acquisition. A follow-up meeting is tentatively scheduled with PSE&G for February 28, 2024 to review Project status.
- A meeting was held with PSE&G on February 28, 2024 to review the Project status. A follow-up meeting is scheduled for April 4, 2024 to review and discuss the proposed easement acquisition.
- A meeting was held with PSE&G on April 4, 2024 to review the Project status. PSE&G indicated that they are coordinating with NJDEP to acquire a portion of the State owned property located between PSE&G's lot and Weston Canal Road. A follow-up meeting is scheduled for May 9, 2024 to review and discuss the proposed easement acquisition.
- The soil borings began on June 24, 2024 and are anticipated to be completed within approximately 5 days.
- A meeting was held with PSE&G on June 20, 2024 to review the Project status and proposed easement acquisition. A follow-up meeting is tentatively scheduled for August 7, 2024.
- We have incorporated PSE&G's comments into the survey basemap. The updated survey has been sent to FTSA for approval prior to distribution to PSE&G. The survey has been sent to PSE&G.
- We met with the Authority and Authority's Attorney to discuss the status of the Authority's Request for Use of State Property. We prepared a Draft Letter to the State requesting an expedited review of the FTSA Application.

- On August 6, 2024 we had a call with the Director and New Jersey Office of Transactions and Public Land Administration to review the status of FTSA's request for use of State property. The State indicated that they are preparing a License Agreement relative to the Authority's request to construct utility crossings and an access driveway across State property. The NJDEP indicated that the Draft License Agreement is under internal legal review.
- A meeting was held with PSE&G on August 7, 2024 to review the Project status and proposed easement acquisition.
- A meeting was held with PSE&G on September 11, 2024 to review the status of PSE&G's proposed acquisition of State property concurrent to FTSA's proposed easement acquisition. A follow-up meeting is scheduled for October 23, 2024.
- A meeting was held with PSE&G on October 23, 2024 to review the status of PSE&G's proposed acquisition of State property concurrent to FTSA's proposed easement acquisition.
- A meeting was held with PSE&G on December 18, 2024 to review the status of PSE&G's proposed acquisition of State property concurrent to FTSA's proposed easement acquisition. A follow-up meeting is scheduled on February 10, 2025.
- A Pre-Application Meeting was held with the NJDEP on January 30, 2025 to review the anticipated Land Use permit requirements for the proposed Project. **We are coordinating with the Director regarding next steps.**
- **A meeting was held with PSE&G on February 10, 2025 to review the status of PSE&G's proposed acquisition of State property concurrent to FTSA's proposed easement acquisition. A follow-up meeting is scheduled in April, 2025.**

II. **Brookline Watershed Sewerage System Rehab – Bid & Construction**
(Expenditures: Budget 29%, Schedule 7 of 18 Months)

- SED 30 Day Notice was issued on February 7, 2024 and approved on February 22, 2024. We anticipate advertising the Project on March 12, 2024 pending NJDEP authorization.
- We coordinated with the Authority and Authority's Attorney to draft an Addendum to incorporate a Contractor Qualifications Form into the Contract Documents. The Addendum was submitted for NJDEP approval on February 22, 2024.
- The Project was re-advertised as anticipated on March 12, 2024. We anticipate the following Bid Schedule:
 - Advertisement: March 12, 2024
 - Bid Opening: April 16, 2024
 - Project Award: May 7, 2024
- The Bid Opening was held as anticipated on April 16, 2024. Two (2) bids were received for the Project. The apparent low bidder is National Water Main Cleaning Company. We reviewed the bids and issued a Bid Report to the Authority on April 26, 2024.
- The Bid Package was submitted for NJDEP review and approval on May 13, 2024. We await NJDEP Authorization to Award. NJDEP Authorization to Award was received on June 4, 2024.
- Contract Documents were provided to National Water Main Cleaning Company (NWMCC) on June 7, 2024. Executed copies were received on June 24, 2024 and will be provided to the Authority and Authority's Attorney for review.
- The preconstruction meeting was held on July 30, 2024. Construction is scheduled to begin in early September, 2024.
- Notice To Proceed issued on August 12, 2024. Contract Final Completion is 550 Calendar Days from Notice.
- A site meeting was held on August 13, 2024 with the Franklin Township Police Department, FTSA, CME and National Water Main Cleaning Company regarding Police Traffic Directors throughout construction.
- The Contractor's SED Utilization Plan was approved by the NJDEP on August 15, 2024.
- Contract work is anticipated to start on or about September 9, 2024. National Water Main Cleaning Company has revised the start of construction to on or about October 7, 2024. They have indicated that this adjustment will not impact their ability to complete the Project on schedule.

- Shop Drawings were submitted for review on September 20, 2024.
- Construction began on October 7, 2024.
- NWMCC is currently performing Sewer Main Cleaning, Pre-Lining CCTV Inspection and Grouting of Sewer Main Joints. NWMCC anticipates completing Sewer Main Cleaning, Pre-Lining CCTV Inspection and Grouting of Sewer Main Joints during the week of December 6, 2024. Sewer Main Cleaning, Pre-Lining CCTV Inspection and Grouting of Sewer Main Joints was completed on December 2, 2024.
- A site walk through with a representative from the Environmental Protection Agency (EPA) is scheduled for December 12, 2024. The site walk through with EPA, FTSA and CME was completed on December 12, 2024.
- Manhole to Manhole Cured in Place Pipe (CIPP) Lining is anticipated to begin the week of December 6, 2024. Manhole to Manhole Cured in Place Pipe (CIPP) Lining began on December 10, 2024 and is approximately 19% complete as of January, 2025. **Approximately 66% complete as of February, 2025.**
- Main to House (MTH) Service Lateral Lining (SLL) began on December 16, 2024 and is approximately 3% complete as of January 24, 2025. **Approximately 4% complete as of February, 2025.**
- Cured in Place Point Repair Lining began on January 16, 2025 and is approximately 3% complete as of January 24, 2025. **Approximately 12% complete as of February, 2025.**
- **A defective 45 LF section of 8" Cured in Place Pipe (CIPP) Liner was observed on Kossuth Street. The site conditions were reviewed by NWMCC, FTSA, CME and Franklin Township. Potential corrective actions are being discussed.**

American Rescue Plan (ARP) Grant Status

- **Somerset County Grant: \$3,000,000.00**
 - Pay App C-1: \$39,305.84
 - Will be submitted to Somerset County for reimbursement under the County Grant in the month of February 2025
 - Pay App C-2: \$43,331.68
 - Will be submitted to Somerset County for reimbursement under the County Grant in the month of February 2025
 - **Pay App C-3: \$185,909.09**
 - **Will be submitted to Somerset County for reimbursement under the County Grant in the month of March, 2025**
 - **Balance After this Submittal: \$2,731,453.39**

- **Franklin Township Grant: \$2,000,000.00**
 - Planning and Design Phase Services - \$294,380.22
 - Will be submitted to Franklin Township for reimbursement under the Municipal Grant in the month of February, 2025
 - **Pay App P-1: \$39,200.00**
 - **Will be submitted to Franklin Township for reimbursement under the Municipal Grant in the month of February, 2025**
 - **Pay App P-2: \$13,230.00**
 - **Will be submitted to Franklin Township for reimbursement under the Municipal Grant in the month of February, 2025**
 - **Pay App P-3: \$90,650.00**
 - **Will be submitted to Franklin Township for reimbursement under the Municipal Grant in the month of February, 2025**
 - **Pay App P-4: \$56,840.00**
 - **Will be submitted to Franklin Township for reimbursement under the Municipal Grant in the month of February, 2025**
 - **Balance After this Submittal: \$1,505,699.78**

III. **Commerce Drive Pumping Station Upgrade - Construction** **(Expenditures: Budget 20%, Schedule 5 of 15 Months)**

- We submitted the Bid Package to NJDEP on August 14, 2024 requesting Authorization to Award. Authorization to Award was received on August 29, 2024.

- The Notice of Award was issued to Sovereign Consulting Inc. on September 17, 2024. Executed Contract Documents are due back to the Authority by October 8, 2024.
- Executed Contract Documents have been returned by Sovereign and finalized by the Authority.
- We are coordinating with all parties to schedule a preconstruction meeting. The preconstruction meeting was held at FTSA on November 14, 2024.
- Notice to Proceed was issued to Sovereign on November 18, 2024.
- A site walk through with a representative from the Environmental Protection Agency (EPA) is scheduled for December 12, 2024. The site walk through with EPA, FTSA and CME was completed on December 12, 2024.
- The Contractor's SED Utilization Plan was approved by the NJDEP on December 5, 2024.
- Sovereign Consulting, Inc., has submitted initial Shop Drawing Submittals currently under review by our Office. **Shop Drawing Review Phase in progress.**

IV. **Shirley Avenue Pump Station Evaluation**

- We conducted a Site Visit of the Shirley Avenue Pump Station with FTSA Staff on November 20, 2023.
- We are currently developing improvement alternatives and drafting Concept Plans. A meeting will be scheduled in January, 2024 to review potential alternatives with FTSA Staff.
- We are drafting Concept Plans for three (3) alternatives to upgrade the Shirley Avenue Pump Station. A meeting is scheduled with Authority Staff on February 7, 2024 to review alternatives.
- Flow meters were installed on January 26, 2024 to monitor sewage flow to the Shirley Avenue Pump Station. The flow meter is scheduled to be removed on March 27, 2024.
- A meeting was held with Authority Staff on February 7, 2024 to review Concept Plans. The Authority's feedback has been incorporated into the Drawings.
- An additional alternative was developed and was reviewed with Authority Staff on February 27, 2024. A meeting will be scheduled with the Director to review alternatives and estimated Project costs.

- We met with the Director and Authority Staff on March 7, 2024 to review alternatives and estimated Project costs. We are finalizing our Letter Report. Our Draft Letter Report was issued to the Authority on April 3, 2024.
- We are collaborating with the Authority to assist in investigating a potential easement acquisition adjacent to the existing Pump Station site. At the direction of the Authority, we mailed a letter to the owner of the subject property regarding a potential easement acquisition.
- We are collaborating with the Director regarding a potential property appraisal. We have reviewed a potential additional alternative with the Authority. We had a discussion with the Director regarding updated estimated construction costs for the additional alternative.
- As directed by the Authority, we are scheduled to perform a survey of the existing pump station and proposed easement acquisition during the week of January 10, 2025. Survey of the existing pump station and proposed easement acquisition area was performed on January 10, 2025. An updated Draft Concept Plan incorporating the survey basemap was sent to the Authority for review on January 23, 2025. **We prepared and submitted a metes and bounds description of the proposed easement acquisition area to the Authority on January 31, 2025.**

V. **Solar Energy Investigation**

- A meeting was held with the Authority on January 16, 2024 to review locations for a potential photovoltaic system.
- We are preparing a Request for Authorization to prepare Contract Documents for the Project.
- We coordinated with Authority Staff to collect and review electrical usage at the Authority's pump stations for net metering consideration.
- A meeting was held on February 13, 2024 with the Authority to review the alternatives of entering into a Power Purchase Agreement (PPA) vs. purchasing a Solar Energy System.
- We are reviewing budgetary cost estimates received on March 22, 2024. Upon completion of our review, we will schedule a meeting with the Authority to discuss alternatives.
- We are estimating the cost of a potential parking lot canopy structure and evaluating the feasibility of a Power Purchase Agreement (PPA). A call will be scheduled with the Authority to discuss. We met with the Authority on May 8, 2024 to discuss alternatives and estimated costs. We have since developed an additional alternative and will schedule a follow-up call to discuss.

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- A call has been scheduled with the Authority on June 28, 2024 to review updated alternatives.
- A memo summarizing solar energy alternatives was issued to the Authority on July 1, 2024. **Upon Authority review, a follow-up meeting will be scheduled to discuss.**