
July 28, 2026

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

Re: Engineering Status Report for July 2026
Our File No.: 115.FS00002.P26

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 July, 2026.

I. Weston Canal Pump Station (Phase 4)

- We collaborated with the Authority's Attorney to review the Draft PSE&G Agreement and provided comments to the Authority on September 9, 2025.
- Our Survey and Environmental Team will perform a wetlands delineation in September, required to obtain an NJDEP Freshwater Wetlands Permit for the proposed utility improvements. We executed a Right of Entry Agreement with PSE&G, authorizing access to their property for completion of the wetlands delineation. Field work is scheduled for October 3, 2025. Wetlands delineation field work was completed in early October 2025. We are currently preparing permit plans for the NJDEP Land Use Permit Application. Preparation of permit applications and plans is in progress. We are performing QA/QC on the NJDEP Permit Application and Plans. A draft will be provided to the Authority for review upon completion. A draft of the NJDEP Permit Plans and Permit Application has been provided to the Authority for review. The NJDEP Permit Application was submitted on March 30, 2026. NJDEP deemed the Application complete on April 24, 2026 and has initiated its technical review. We received NJDEP comments during the week of May 22 and are preparing a response accordingly. We responded to NJDEP comments on June 12. Additional comments were received on June 24, 2026 and we are preparing a response accordingly. **NJDEP Land Use Permits were received on July 21, 2026.**
- We met with PSE&G on September 25, 2025 to review the Project status. A follow-up meeting is scheduled for October 23, 2025. We met with PSE&G on October 23, 2025 to review the easement acquisition status. A follow-up meeting is scheduled for November 21, 2025. We collaborated with the Authority and its Attorney to issue comments to PSE&G on November 19, 2025 regarding the draft easement agreement. We met with PSE&G on December 4, 2025 to review the status of the proposed easement acquisition. We provided PSE&G with a signed survey and easement description for the proposed easement area. We met with PSE&G on January 8, 2026. They are currently reviewing FTSA's comments on the draft agreement. A follow-up meeting is scheduled for February 5, 2026. A meeting is scheduled with PSE&G on March 6, 2026 to review and discuss the draft agreement. We collaborated with the Authority's Attorney to review the updated draft agreement and provide comments to PSE&G. A follow-up meeting with PSE&G is scheduled on April 10, 2026. The Authority's comments have been

NJ Certificate of Authorization No. 24GA28412500

accepted by PSE&G and the Agreement has been prepared for approval by the FTSA Board. We met with PSE&G on June 17, 2026 to review the status of the proposed easement acquisition. PSE&G has requested the original executed copy of the easement agreement.

- **We reviewed the Sample Historic Preservation Easement Agreement between PSE&G and State of New Jersey and provided comments to the Authority's Attorney.**

II. **Brookline Watershed Sewerage System Rehab – Bid & Construction**
(Expenditures: Budget 99%, Schedule 24 of 18 Months)

- Cured in Place Point Repair Lining was completed in October 2025.
- NWMCC has completed approximately 98% of the service lateral work, consisting of Main to House (MTH) Service Lateral Lining (SLL) and Lateral Connection Repairs (LCRs) as detailed below.
 - Approximately 16% complete as of July 28, 2025. Approximately 21% complete as of August 22, 2025. Approximately 24% complete as of September 26, 2025. Approximately 27% complete as of October 27, 2025. Approximately 30% complete as of November 24, 2025. Approximately 32% complete as of December 24, 2025. Approximately 33% complete as of January 27, 2026. Approximately 34% complete as of February 19, 2026. Approximately 35% complete as of March 31, 2026. Approximately 37% complete as of April 27, 2026. Approximately 39% complete as of May 22, 2026. Main to House (MTH) Service Lateral Lining (SLL) was completed on June 8, 2026.
 - Approximately forty-seven (47) LCRs have been installed as of July 28, 2025. Approximately forty-nine (49) LCRs have been installed as of August 22, 2025. Approximately fifty-one (51) LCRs have been installed as of September 26, 2025. Approximately fifty-three (53) LCRs have been installed as of October 27, 2025. Approximately fifty-nine (59) LCRs have been installed as of November 24, 2025. Approximately sixty-four (64) LCRs have been installed as of December 24, 2025. Approximately seventy (70) LCRs have been installed as of January 27, 2026. Approximately seventy-two (72) LCRs have been installed as of March 31, 2026. Approximately seventy-three (73) LCRs have been installed as of April 27, 2026. Approximately seventy-five (75) LCRs have been installed as of May 22, 2026. Lateral Connection Repairs (LCR) completed on June 9, 2026.
- Manhole Rehabilitation High-Build Portland Base Lining began on September 29, 2025. Manhole Rehabilitation High-Build Portland Base Lining was completed on January 14, 2026.
- Manhole Rehabilitation High-Build Epoxy Coating began on October 21, 2025. Manhole Rehabilitation High-Build Epoxy Coating was completed on January 20, 2026.
- 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. We are currently coordinating a follow-up site meeting between FTSA, CME and the Township to review proposed corrective actions and existing conditions. We have reviewed the portion of the existing sanitary sewer main to be replaced with the Authority, and the scope of work has been submitted to the Township DPW for review. A proposal from NWMCC to complete the repair work under the Contract has been received and submitted to the Authority for review. We are preparing NJDEP Contract Modification Forms to incorporate the repair work into the Contract. NWMCC provided a second proposal on July 14, 2025, proposing to enlist a more experienced subcontractor to

complete the repair. Excavation and sewer replacement work was performed and completed by Montana Construction, Inc. on August 21, 2025. Final roadway restoration will be performed upon completion of the trench settlement period. Final roadway restoration and traffic striping restoration completed on November 7, 2025.

- NWMCC encountered equipment issues during the MTH Service Lateral Liner installation at 96 Main Street on September 5, 2025, which resulted in obstructed residential sanitary flow. NWMCC enlisted Montana Construction, Inc. for emergency excavation work to remove and replace the FTSA's existing sanitary lateral. Work was performed and completed on September 6, 2025. 10-foot section of concrete vertical curb constructed on November 12, 2025 to complete restoration of disturbed area.
- NWMCC encountered issues with an MTH Service Lateral Liner installation on South Lawrence Avenue on October 2, 2025. NWMCC is enlisting Montana Construction, Inc. to excavate and replace the FTSA's existing sanitary lateral on October 29, 2025. We are coordinating with the Township's paving schedule to complete the work prior to roadway paving. Subcontractor completed the lateral replacement and paved roadway trench repair work on October 29, 2025. NWMCC completed installation of two (2) CIP Point Repairs to seal 8" diameter mainline transitions on January 20, 2026.
- A deteriorated 200 LF portion of existing 8" gravity sanitary sewer was identified on November 6, 2025, during routine operations and maintenance on Churchill Avenue, outside of the Brookline Project area, requiring immediate rehabilitation. At the request of the Authority, we coordinated with NJDEP and NWMCC to include the proposed rehabilitation in the Brookline Contract. The sewer rehabilitation work will be completed on November 25, 2025. Rehabilitation of four (4) adjacent manholes will be completed by NWMCC at a later date. NWMCC completed CCTV inspection, mainline joint grout work and Manhole to Manhole Cured in Place Pipe (CIPP) Lining work on November 25, 2025. Manhole Rehabilitation High-Build Portland Base Lining was completed on December 3, 2025 and Epoxy Coating was completed on December 12, 2025.
- A Project meeting is scheduled on April 15, 2026 to review the Project status and schedule. A Project meeting was held on April 15, 2026 with FTSA, NWMCC and our Office to review construction progress and the anticipated schedule to completion.
- The Cured In Place Point Repair crew mobilized onsite on May 22, 2026, to install miscellaneous point repairs to seal existing lateral penetrations found to be abandoned during service lateral lining survey. The work is anticipated to take approximately three (3) days. Miscellaneous point repair work was completed on May 28, 2026.
- NWMCC is unable to line six (6) laterals throughout the Project area due to preexisting conditions and active I&I. The Contractor has requested to submit a proposal to excavate and replace the remaining laterals with PVC pipe. **NWMCC is preparing a cost proposal for the Authority's review to complete lateral replacement work.**

American Rescue Plan (ARP) Grant Status

- **Somerset County Grant: \$3,000,000.00**
 - Pay App C-1: \$39,305.84
 - Submitted to County in April, 2025.
 - Pay App C-2: \$43,331.68
 - Submitted to County in April, 2025.
 - Pay App C-3: \$185,909.09

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- Submitted to County in April, 2025.
 - Pay App C-4: \$1,571,017.56
 - Submitted to County in April, 2025.
 - Pay App C-5: \$318,676.70
 - Submitted to County in May, 2025.
 - Pay App C-6: \$162,614.19
 - Submitted to County in June, 2025.
 - Pay App C-7: \$147,073.06
 - Submitted to County in July, 2025.
 - Pay App C-8: \$193,990.85
 - Submitted to County in July, 2025.
 - Pay App C-9: \$181,955.38
 - Submitted to County in September, 2025
 - Pay App C-10: \$270,129.45
 - Available balance of \$156,125.65 submitted to County in October, 2025.
 - Remainder will be submitted to Franklin Township.
 - Balance After this Submittal: \$0.00
 - Reimbursement was received in October, 2025 for a portion of Pay App C10. Total reimbursement to date: \$3,000,000.00.
 - **Franklin Township Grant: \$2,000,000.00**
 - Requisition #1: Planning and Design Phase Services - \$292,380.22
 - The Township has requested additional supportive documentation for reimbursement which will be provided by the Authority. All additional supportive documents requested by the Township have been provided.
 - Requisition #2: Payment Applications P1-P4 - \$199,920.00
 - The Township has requested additional supportive documentation for reimbursement which will be provided by the Authority. All additional supportive documents requested by the Township have been provided.
 - Requisition #3: Payment Applications P5-P7 and Construction Phase Services - \$137,557.13
 - Submitted to Township in July, 2025.
 - Requisition #4: \$1,026,152.07
 - Submitted to Township in January 2026.
 - Requisition #5: \$343,990.58
 - Submitted to Township in April 2026.
 - Balance After this Submittal: \$0.00
 - Total Reimbursement to date: \$2,000,000.00.

III. **Commerce Drive Pumping Station Upgrade - Construction**
(Expenditures: Budget 95%, Schedule 22 of 15 Months)

- The Contractor is submitting a pump station bypass plan. We anticipate scheduling a meeting between Sovereign, FTSA and CME during the week of September 5, 2025 to review. A site walk through was completed on September 12, 2025 with FTSA, Sovereign, EII and CME to review the bypass plan and proposed mobilization. The emergency generator and construction storage container were delivered on October 6, 2025.

- The Contractor is currently preparing their mobilization and construction schedule to coincide with delivery of the precast control building and valve chamber. Start of construction anticipated mid-November.
- The Contractor mobilized and commenced construction on November 24, 2025.
- The Contractor is currently receiving delivery of the precast building, concrete valve chamber and wet well slab on November 25, 2025.
- Construction activity is ongoing. Contractor has installed the precast concrete valve chamber and constructed the reinforced cast-in-place concrete building footing and foundation.
- Painting of interior walls and ceiling of the precast control building was completed on January 10, 2026.
- The Electrical Subcontractor is currently onsite mounting equipment panels and installing conduit within the control building. Interior equipment mounting, conduit, low-voltage and communication wiring was completed on February 10, 2026. The Contractor is coordinating with PSE&G for temporary electrical service to facilitate the bypass pumping. The Electrical Subcontractor advised that PSEG's Planning and Design Phase has been completed as of February 19, 2026 and the application has been transferred to their Construction Division for coordination / scheduling. PSE&G completed installation of the temporary bypass electrical service and shut-down of the existing electrical service on March 31, 2026. The bypass system was setup ahead of PSE&G's work. The temporary bypass pumping system was placed online on March 31, 2026.
- PSE&G disconnected the natural gas service to the existing pump station on April 8, 2026. The Gas Agreement Application for the new natural gas service was executed by the Authority and submitted to PSE&G on May 13, 2026. We are currently awaiting a schedule from PSE&G for installation of the new service. The natural gas service was installed by PSE&G on June 24, 2026. **Township Plumbing Department approval for natural gas line pressure test received on June 30, 2026. PSE&G to coordinate and install gas meter upon energizing of new electrical service line.**
- The cast-in-place reinforced concrete loading platform and stairs were constructed on March 19, 2026. Cast-in-place reinforced concrete work has been completed.
- The Contractor completed demolition of the existing station during the month of April, 2026.
- Wet Well rehabilitation was completed on April 17, 2026.
- Construction of the submersible pump discharge piping and meter chamber mechanical piping was completed on April 23, 2026.
- Construction activity is ongoing. The Contractor is scheduled to set the precast building structure and back-up generator, install the building plumbing / submersible wet well pumps and continue electrical work during the weeks of April 27, 2026 and May 4, 2026. The precast building structure, precast wet well top slab and generator were set in May 2026. The electrical subcontractor is continuing with interior equipment and back-up generator wiring.
- The electrical subcontractor has completed installation of the main electrical power lines from the building to PSE&G's utility pole for new electrical service. Electrical work completed during the month of May. Electrical inspection approval and cut-in-card received from Township. The Contractor awaits a schedule from PSE&G for connection and energizing of the new service line. **PSE&G performed an electrical inspection on July 24, 2026 and approved the installation of the meter set and CTs (Current Transformers). The Contractor awaits a schedule from PSE&G for connection and energizing of the new service line.**

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- The Mechanical Subcontractor, Hays Sheet Metal, Inc., began fabricated duct work installation for louvers and generator on May 26, 2026. Duct work installation was completed on May 27, 2026.
 - The Plumbing Subcontractor, Cooper Plumbing, completed interior plumbing and fixture installation on June 25, 2026. The final Township plumbing inspection is scheduled for June 30, 2026. **Plumbing approval received from the Township.**
 - Installation of the mechanical piping, equipment, and instrumentation devices is complete.
 - Control wiring is complete. Final wiring terminations will be made during pump station start-up.
 - **The Contractor is currently on site constructing the canopy structure and preparing the paved asphalt driveway area.**

IV. **Shirley Avenue Pump Station Evaluation**

- We are collaborating with the Authority regarding easement acquisition.
- We reviewed the anticipated NJDEP Permitting requirements for the proposed improvements and will schedule a call with the Director to discuss. **We have issued a Request for Authorization, for consideration by the Authority, to coordinate and schedule a Pre-Application Meeting to review permitting requirements with the NJDEP.**

V. **Solar Energy Investigation**

- We met with the Authority and an Energy Services Company (ESCO) to review a potential Energy Savings Improvement Program (ESIP) Project.
- We are collaborating with the Authority to compile documents requested by the Energy Services Company (ESCO) related to a potential Energy Savings Improvement Project (ESIP). The requested documents and information were provided to the Vendor on September 16, 2025.
- A site walk through was performed at the FTSA Administrative Building, Garage Office, and Pump Stations with representatives from the Energy Services Company (ESCO), FTSA, and our Office to review existing site layouts and energy demand.
- We met with the Authority and a Vendor on December 10, 2025 to review potential energy savings improvements. We are collaborating with the Authority and its Attorney regarding potential membership in the Omnia Partners Cooperative Purchasing Program. We attended a site visit with FTSA and the Vendor, and provided the Vendor with a Site Plan of the FTSA Administration Building and Garage Office Complex. During the month of April, we reviewed FTSA archives and provided the Vendor with additional FTSA pump station record drawings.
- We met with Authority Staff and the Vendor on May 8, 2026 to review the proposed improvements and potential operational impacts.
- At the request of FTSA, we reviewed the Draft Power Purchase Agreement RFP and provided comments.
- **We met with Authority Staff and the Vendor on July 21, 2026 to review the proposed Project and next steps.**

Should you have any questions regarding these matters, please feel free to contact this Office.

Sincerely,



ARTHEON

William E. Korosec, PE

Consulting Engineer's Office

cc: FTSA Board of Commissioners