

646, June 24, 2025 – Stony Brook Regional Sewerage Authority

LOCATION: Teleconference, Conference Room, River Road Plant, Princeton, NJ

MEMBERS PRESENT: *Downey, Antebi, Bhosle, Goldfarb, Morehouse
*attended remotely

MEMBERS ABSENT: Patel

CONSULTANTS: Alexander

STAFF PRESENT: Christiano, Doelling, Eddy, Hinkel, Mazich, Smith, Stewart, Thomas, Wiczorek

646.01

Dr. Downey opened the regularly scheduled meeting at 6:34 p.m. Dr. Downey indicated, pursuant to Section 13 of the Open Public Meetings Act, that adequate notice of the time and place of this meeting and the teleconference information was given by filing with the Authority's official newspapers, each Clerk of each municipality and by posting on the Princeton Bulletin Board and the Authority's website.

646.02 Approval of Minutes

The draft minutes from the May 27, 2025, Board Meeting were approved as presented by Mr. Morehouse, seconded by Mr. Goldfarb, and passed unanimously.

646.03 Open to the Public

Hearing no comments from the public, as no members of the public were present either in the conference room or on the teleconference call, Dr. Downey closed the meeting to the public at 6:34 p.m., and the meeting continued as scheduled.

Mr. Smith introduced Mr. Mazich, who started on June 16, 2025, as our Chief Financial Officer. Mr. Mazich had been a long-time employee at Acme Hardesty and previously served as Vice President of Finance for a \$200 million chemical distribution company.

The Board and staff welcomed Mr. Mazich to the Authority.

646.04 Board Related Activities

Mr. Smith reported that there are no consultant contracts pending approval this reporting period.

646.05 Planning and Administration

Mr. Smith reported that the current 12-month average daily flow at River Road WWTP is 7,680,965 gpd, with 1,438,405 gpd of inoperative flow, leaving an available capacity of 3,940,630 gpd. The current 12-month average daily flow at the Hopewell WWTP is 188,331 gpd, with zero gpd of inoperative flow, leaving an available capacity of 111,669 gpd. The current 12-month average daily flow at Pennington WWTP is 230,853 gpd, with 23,604 gpd of inoperative flow, leaving an available capacity of 190,543 gpd.

Mr. Smith reported that W. G. Malden completed the flowmeter certifications on June 2, 2025. All flowmeters were within $\pm 5\%$.

Mr. Smith reported that heavy rainfall on May 14, 2025, caused Meter Station No. 7 flowmeter to reach its maximum. The flow totalizer for May 14, 2025, was adjusted to reflect the flow average of the day before, May 13, 2025, and the day after, May 15, 2025. Staff are monitoring the station to determine the appropriateness of another range increase. On May 15, 2025, staff re-scaled the range of the flow meter monitoring Meter Station No. 7 to a maximum of 2.526 MGD, up from the April 30 adjustment to 2.015 MGD.

646.06 Approval/ Extension Requests and Actions

Mr. Doelling reported that one (1) TWA application was submitted for approval for Hamilton Avenue Sewer Rehabilitation/Replacement, Block 97, Lot 13.012; Municipality of Princeton, Mercer County: The Municipality of Princeton proposes the rehabilitation and replacement of the sewer in the Hamilton Avenue area.

The proposed change of use will affect 8,700 gpd of existing contributory flow.

Staff recommended approval of Resolution 2025-056, Approving Application for Connection Submitted by Hamilton Avenue Sewer Rehabilitation/Replacement, Block 97, Lot 13.012; Municipality of Princeton, Mercer County.

Resolution 20256 was moved by Mr. Morehouse, seconded by Mr. Goldfarb, and passed by a roll call vote of 5 to 0. Resolution 2025-056 follows.

Resolution Approving Application for Connection Submitted by Hamilton Avenue Sewer Rehabilitation/Replacement, Block 97, Lot 13.012; Municipality of Princeton, Mercer County

Resolution No. 2025-056

WHEREAS, an application for Treatment Works Approval has been submitted to Stony Brook Regional Sewerage Authority (SBRSA) by the Municipality of Princeton for the proposed rehabilitation and replacement of the sewer in the Hamilton Avenue area; and,

WHEREAS, the gallonage required to service the proposed Project pursuant to the NJDEP criteria is in the amount of 8,700 gallons per day; and

WHEREAS, the New Jersey Department of Environmental Protection (NJDEP) presently requires the certification by the Wastewater Treatment Facility Owner that the committed flow does not exceed the presently permitted design capacity, and with the additional flow proposed by this application; and

WHEREAS, SBRSA has reviewed the application based on the requirements of N.J.A.C. 7:14A-23.3 Projected Flow Criteria, and the flow associated with this application is 8,700 gpd; and

WHEREAS, the project did not require Planning Board approval; and,

WHEREAS, the TWA Form WQM003-T has been endorsed by the Municipal Engineer and certified by the Wastewater Conveyance System on May 27, 2025; and

NOW, THEREFORE, BE IT RESOLVED by the Stony Brook Regional Sewerage Authority as follows:

1. Stony Brook Regional Sewerage Authority recommends approval of the Treatment Works Approval application for replacement and installation of approximately 4,600 LF of sanitary sewer on Hamilton Avenue from Moore Street to Linden Lane, Moore Street from Spruce Street to Hawthorn Avenue, and Walnut Lane from Houghton Road to Hamilton Avenue at a proposed flow allocation of 8,700 gpd new sewage flow in accordance with the N.J.A.C. Projected Flow Criteria.
2. The Executive Director of SBRSA is hereby authorized and directed to execute the Treatment Works Approval (TWA-1 Application) Form WQM003-T in accordance with the SBRSA Resolution adopted August 21, 1984.

<u>Recorded Vote:</u>	<u>AYE</u>	<u>NO</u>	<u>ABSTAIN</u>	<u>RECUSED</u>	<u>ABSENT</u>
Gale D. Downey	X				
Julian Antebi	X				
Arundhati Bhosle	X				
David A. Goldfarb	X				
C. Schuyler Morehouse	X				

Mr. Doelling reported that 35,100 gpd of approved flow (Resolution 2025-052) was added to the South Brunswick inoperable flow allocation for the AVIA Deerpark Urban Renewal project (Block 97, Lot 13.012).

646.07 Regulatory Report

There were no Board member comments on the Regulatory Report. For information, the following Regulatory Report is included in the meeting minutes.

Discharge Monitoring Report (DMR)

The discharge monitoring reports for April 2025 were submitted. No violations were reported.

The May 2025 DMRs are currently being reviewed.

Residuals Discharge Monitoring Report (RDMR)

The March 2025 RDMRs were submitted. All River Road parameters were in compliance with the Air Permit requirements.

The April 2025 RDMRs are currently being reviewed.

Air Reporting

Provided in the report was a summary of the use of the SBRSA incinerator Emergency Bypass Stacks (EBS) during the first and second quarters of 2025. Thus far, there have been four (4) Emergency bypass stack events during the first quarter of 2025. This report will be finalized, including, if applicable, any additional bypass events, and submitted to the EPA, NJDEP, USDOJ, and NJOAG in July 2025.

Laboratory

The NJDEP Office of Quality Assurance (OQA) will no longer issue pass letters to laboratories to confirm compliance with Proficiency Testing (PT) analysis requirements. It is now the responsibility of the laboratory to track the laboratory's PT status and compliance. Only laboratories deemed out of compliance with PT requirements (such as failing or failing to submit PT results) will receive letters from the OQA after PT evaluation. Since SBRSA laboratories have not received such a letter, this will conclude the NJDEP 2025 PT study as satisfactory.

646.08 Safety

A discussion occurred regarding the fire hydrant leak and repairs.

There were no other Board member comments on the Safety Report. For the record, the following Safety Report is included in the meeting minutes.

Accidents:

As of June 13, 2025, the Stony Brook Regional Sewerage Authority has gone 235 consecutive days without a “Lost Time” accident. An up-to-date graph depicting the historic annual trends of “Lost Time” and “No Lost Time” accidents and injuries was provided.

Inspections:

Included in the report was an updated list of Priority 1 safety suggestions and recommendations from the 2024 Annual Inspection Report and periodic New Jersey Utility Authorities Joint Insurance Fund (NJUAJIF) Loss Control Reports. The list provided details the progress made on all outstanding items since December 1, 2024

On May 16, 2025, Fyr-Fyter inspected the automatic closing fire doors to the incinerator hearth area and the two roll-up fire doors at the upstream plants. The doors have passed inspection. The Princeton fire inspector has been notified.

Quotes have been received for an industrial hygiene survey focusing on indoor air quality to provide guidance on respirator use as the first step to updating the SBRSA respirator program. Once coordination with plant staff is complete, the work will be scheduled.

Training:

During this reporting period, staff attended the following training programs provided by the MEL Safety Institute:

- Lockout/Tagout (Control of Hazardous Energy)

Miscellaneous

The Safety Committee met on Tuesday, June 10, 2025. The minutes from this meeting are provided in the report.

646.09 Litigation

Ms. Alexander reported that a status conference was held before Judge Caliguire on June 3, 2025, wherein she and DAG Delahunty discussed the status of the outstanding contested issues (plant protection line use and nitrate effluent limitations). They also discussed whether the matter should be remanded back to the NJDEP for further consideration of the Nitrate Study and permit

modification. Judge Caliguire decided that the matter should remain with the Administrative Court and set the next status conference date for December 2, 2025. It is anticipated that by that time, NJDEP will have completed its review of the Nitrate Study and acted upon the request for a permit modification.

The litigation report discussion was moved to the Executive Session.

646.10 Operations Report

River Road Facility

Mr. Stewart reported that the River Road Facility operated well during this reporting period.

On May 28, 2025, members of the Operations and Maintenance team conducted site visits to review dewatering technologies. The first facility in Florence Township uses a Schwing screw press to dewater liquid sludge and septage into cake sludge. Staff spoke with the operators and management team members about their experiences with the press. The second visit was to King of Prussia, where the facility uses a rotary press for dewatering operations. Similarly, staff talked with operators and management team members about their experiences and issues.

On May 23, 2025, Modified Aeration Tank No. 2 was inspected for grit buildup and to evaluate the condition of the odor control diffusers. While the tank was offline and dewatered, initial assessments were carried out to estimate the total amount of grit accumulated. Staff are working to obtain quotes for degritting the tank and repairing the diffusers. We estimate that there are approximately 500 to 600 cubic yards of grit in the MA Aeration tanks. Removing this grit will help restore the tank's full process capacity. Mr. Stewart reported that the estimated cost to remove and haul the grit would be approximately \$12,000 to \$13,000 per day.

A discussion took place about evaluating different dewatering processes and identifying which processes produce the most and least odors. Mr. Stewart reported that staff are looking into sealed units (i.e. screw press and rotary press) which perform very well in odor mitigation and control as opposed to open-style belt presses.

Both Upstream Facilities operated well during this reporting period.

On June 6, flow was stopped through the Pennington WWTP to allow the operators sufficient time to dewater and clean the Post Aeration tank. The steps, walls, and floor were also cleaned during the shutdown. The tank was placed back into service that day.

A revised proposal was received from CDM Smith on June 4, 2025, regarding the next phase of the assessment management plan. This phase focuses on creating a criticality matrix for current assets. Additionally, the current computerized maintenance management system (CMMS) asset registry will be evaluated. Staff met internally to review the revised proposal and provided comments to CDM Smith for consideration. We expect to have a recommendation for the next phase of work to include in the July meeting agenda.

A discussion took place regarding Asset Management Inventory Control.

Staff have received zero odor complaints since the last monthly Operations Report. The total number of odor complaints received year to date is one (1). A historical record of odor complaints since January 1999, as well as a breakdown of the type and location of odor complaints received year to date, were provided in the report.

The reported quantity of liquid sludge was 0.37% below the budgeted amount, sludge cake was 39% above the budgeted amount, and gray water was 54% above the budgeted amount for May 2025.

646.11 Maintenance

There were no Board member comments on the Maintenance Report. For information, the following Maintenance Report is included in the meeting minutes.

Work Order/Preventative Maintenance Order Summary

Maintenance completed sixty-one (61) Work Orders and one hundred three (103) Preventive Maintenance Orders. Currently, there are forty (40) open work order requests and two (2) outstanding preventative maintenance orders that are one (1) day overdue on average. Open work orders and outstanding preventative maintenance orders are tracked and illustrated in the graphs provided.

Major Maintenance Repairs:

On May 22, 2025, the CD400 Scrubber serving the Sludge Thickeners was taken out of service due to a noticeable drop in flow rate. The unit was dismantled for inspection and cleaning. During disassembly, the magnetic-drive pump was found to have a damaged impeller. It was promptly ordered, and the spray nozzles and discharge piping were also removed and cleaned. Once the new pump arrived, it was installed, reconnected to the pipe, and tested. Upon testing, we found that the pump flow rate did not meet specifications. To troubleshoot this issue further, Instrumentation tested the flow meter and discovered that its internal liner had deteriorated, causing inaccurate readings. A new flow meter was installed and calibrated. After installing the new magnetic-drive pump and flow meter, the system consistently exceeded the required flow rate. On May 29, 2025, the CD400 Scrubber was officially returned to operation.

On May 5, 2025, Final Effluent Booster Pump No. 1 was found seized during a routine operation check. Maintenance locked out the unit, removed it from the piping, and confirmed failed shaft bearings that had damaged both the impeller and pump volute. During isolation, technicians evaluated and replaced the adjacent 6" weight-and-lever check valve and 6" gate valve. Both were swapped out using inventory-stock replacements, along with new connecting hardware and gaskets. The pump was then moved to the repair area, disassembled, and individually rebuilt. The volute casing was sandblasted and coated with epoxy to boost corrosion resistance and hydraulic

efficiency. Replacement included installing a new impeller, shaft, bearings, and mechanical seal. After meticulous reassembly and adjustment, the pump was successfully tested and returned to operation on May 30, 2025.

On May 18, 2025, Belt Filter Press No. 3 was taken offline after operators reported upper belt misalignment. During the inspection, maintenance found that the upper steering roller bearings had seized, preventing full rotation of the roller. New bearings were sourced from stock, and the press was locked out for repair.

The roller was removed, and both drive-side and idler bearings were replaced to ensure smooth operation. Following reinstallation, the steering roller was lubricated, tested, and realignment issues were addressed by replacing the upper belt cloth. With the belt properly tensioned and aligned, the steering roller operated correctly. On May 20, 2025, the Belt Filter Press No. 3 was back in full service.

On June 2, 2025, Nitrification Aerator No. 4 was found to be making noise originating from the front bearings of its 75-horsepower drive motor. After notifying Operations, the repair was scheduled with preparations made to minimize downtime and maintain process stability. A reconditioned 75-horsepower spare motor was sourced from inventory, thoroughly inspected, and transported to the site in advance. Additional conduit fittings and wiring connections were gathered and staged. A mobile gantry with a hoist and rigging was set up for the motor replacement. On June 12, 2025, the aerator was shut down, locked out, and the existing motor disconnected and removed from the aerator gearbox. The replacement motor, equipped with insulated bearings and Aegis grounding rings for long-term protection, was installed and reconnected using new conduit fittings and motor leads to ensure proper weatherproofing. After testing for correct rotation and confirming performance, Nitrification Aerator No. 4 was returned to full service on the same day.

On June 14, 2025, Incinerator No. 1 experienced ignition issues following a power disruption. Instrumentation diagnostics identified the problem as a failure of the pilot burner gas-supply solenoid valve, caused by a faulty electric coil. A complete replacement valve and solenoid were retrieved from inventory. The gas piping was locked out, purged, and the damaged valve was removed. The new valve was installed, and the instrumentation staff reconnected the wiring. Once the system was repressurized, leak tests were conducted to confirm the integrity of the repair. The pilot valve was then energized, and the incinerator burners successfully relit. Incinerator No. 1 was fully returned to service on June 15, 2025.

646.12 Construction Report

Mr. Doelling reported on the Thickener No. 2 Improvements Project. Four (4) bids for Contract 25-1, Thickener No. 2 Improvements Project, were received on June 2, 2025. Authority Staff and Counsel reviewed the bids. It is recommended that Contract 25-1, Thickener No.2 Improvements Project be awarded to the low bidder, VNL, Inc. of Union, NJ, in the bid amount of \$560,000.00.

Staff recommended approval of Resolution 2025-057 Awarding Contract No. 25-1 River Road WWTP Sludge Thickener No. 2 Improvements Project to VNL, Inc.

Resolution 2025-057 was moved by Mr. Goldfarb, seconded by Mr. Antebi, and passed by a roll call vote of 5 to 0. Resolution 2025-057 follows.

**Resolution Awarding Contract No. 25-1
River Road WWTP
Sludge Thickener No. 2 Improvements Project
To VNL, Inc.**

Resolution No.: 2025-057

WHEREAS, the Stony Brook Regional Sewerage Authority (hereinafter the “Authority”) issued a Notice to Bidders seeking sealed competitive bids for Contract No. 25–1 “River Road WWTP Sludge Thickener No. 2 Improvements Project”; and

WHEREAS, the Authority received four (4) sealed competitive bids on May 28, 2025 at 2:00 p.m. from the following bidders:

<u>Bidder</u>	<u>Bid Price</u>
VNL, Inc. 107 Main Street Whitehouse Station, NJ 08889	\$560,000.00
B.R. Welding, Inc. 3 Brook Road Howell, NJ 07731	\$610,000.00
Brayco Inc. 951 Rt. 537 Cream Ridge, NJ 08514	\$690,000.00
SPECTRASERVE Inc. 75 Jacobus Avenue South Kearny, NJ 07032	\$747,000.00

WHEREAS, the bid submission of VNL, Inc. does not contain any material defects; and

WHEREAS, VNL, Inc. will be utilizing D&M Electrical, LLC, having a business office at 3 Borrego Drive, Woodland Park, New Jersey 07424 as its subcontractor for electrical work and the Authority has received at the time of receipt of bid a copy of the electrical license issued

by the State of New Jersey Board of Examiners of Electrical Contractors for D&M Electrical, LLC; and

WHEREAS, the Executive Director certifies that funds to finance Contract No. 25-1 “River Road WWTP Sludge Thickener No. 2 Improvements Project” to be awarded to VNL, Inc. as the lowest responsible bidder are available in Authority Budget Line Item 0001-5508; and

WHEREAS, the bidding documents include design plans for the improvement to public property; and

WHEREAS, N.J.S.A. 59:4-6 provides that neither the public entity nor a public employee is liable for an injury caused by the plan or design of public property or any improvement thereto where the plan or design was approved in advance of construction or improvement by the Authority or a public employee exercising discretionary authority to give such approval on its behalf where such plan or design was prepared in conformity with standards previously approved by the Authority; and

WHEREAS, the Authority desires to record its approval of said plans and design for Contract No. 25-1 – “River Road WWTP Sludge Thickener No. 2 Improvements Project” for the purpose of plan and design immunity provided by N.J.S.A. 59:4-6.

NOW THEREFORE BE IT RESOLVED by the Stony Brook Regional Sewerage Authority in the County of Mercer and the State of New Jersey on this 24th day of June, 2025 as follows:

1. All immaterial defects contained in the bid submission of VNL, Inc., if any, are waived and the Authority awards Contract No. 25-1 “River Road WWTP Sludge Thickener No. 2 Improvements Project” to VNL, Inc., having a business address of 107 Main Street, Whitehouse Station, New Jersey 08889 in an amount not to exceed the bid price of \$560,000.00 as the lowest responsible bidder in accordance with the Local Public Contracts Law, N.J.S.A. 40A:11-1 et seq. and the Executive Director is authorized to execute said contract.
2. All bid security, except the three apparent lowest responsible bidders, shall be returned and the bid security for the remaining unaccepted bids shall be released and returned within three days, Sundays and holidays excepted, after the full execution of the contract and the approval of the contractor’s performance and payment bond.
3. The entire design, specifications, and plans prepared and to be utilized for Contract No. 25-1 – “River Road WWTP Sludge Thickener No. 2 Improvements Project” are hereby approved for the purpose of the immunity to be provided to the Authority and its employees in accordance with N.J.S.A. 59:4-6.
4. The Executive Director, staff and consultants are authorized to take all appropriate actions to effectuate the terms of this Resolution and to take measures to ensure that

all appropriate documents, as required by Contract No. 25-1 – “River Road WWTP Sludge Thickener No. 2 Improvements Project” are provided by VNL, Inc., including, but not limited to all insurance required by the contract, prior to the issuance of a Notice to Proceed.

5. This Resolution shall take effect immediately.

Certification of Funds

I, David Smith, Executive Director, do hereby certify that sufficient funds are available in the 2025 budget in line item 0001-5508 – Capital Improvement Fund.

/s/ David Smith
Executive Director
Stony Brook Regional Sewerage Authority
Dated: June 16, 2025

Recorded Vote:	AYE	NO	ABSTAIN	RECUSED	ABSENT
Gale D. Downey	X				
Julian Antebi	X				
Arundhati Bhosle	X				
David A. Goldfarb	X				
C. Schuyler Morehouse	X				
Bharat Patel					X

There were no other Board Member comments on the Construction Report. For the record, the following construction report is included in the meeting minutes.

Studies/General

River Road WWTP Phosphorus Impact Modeling Study: There has been no recent action from NJDEP to report.

NJPDES Permit: There has been no recent action from NJDEP to report.

Expansion of River Road Planning Report: Staff received the draft expansion study report on June 13, 2025. Staff is reviewing the report and will provide comments.

Dewatering Alternatives Evaluation / Belt Filter Press Replacement Study: Kleinfelder is working up a proposal for pilot testing and site visits for the two selected technologies.

Analysis of Receiving Bin Screw Failures: CDM continues work on this project. On June 11, 2025, staff responded to an additional set of technical questions from the CDM mechanical and structural teams.

2025 Annual Inspection: Staff is coordinating the inspection.

2025 Annual Odor Study: The TRC odor study is scheduled for August 18-19, 2025, with the odor panel analyzing the samples on August 19-20, 2025.

Design

Fly Ash Slurry Pump Suction/Discharge Header Rehabilitation (Project 24-1): Kleinfelder continues to finalize the design. We are currently 95% complete.

Engineering Trailer (Project 23-7): Staff continue to coordinate the purchase and installation of the trailer. We anticipate the trailer installation will be completed during the fall/winter of 2025.

River Road WWTP Main Substation Replacement or Rehabilitation Design: ELECSYS and Kleinfelder continue to make progress on the design. On May 29, 2025, staff met with ELECSYS and Kleinfelder to review the status of the option for a secondary source of power.

Process Drain Pump No. 3 Upgrade Project: Kleinfelder and ELECSYS continue work on this project. We are approximately 25% complete.

RTO Media and Force Draft Fan Replacement Project: Chavond-Barry Engineering submitted draft plans and specifications for this project on May 21, 2025. Staff reviewed the submittal and provided comments on May 22, 2025. Staff anticipates advertising this project for bid during the summer of 2025.

Millstone Pump Station Influent Screening Improvements Project: Staff are coordinating with Kleinfelder to kick-off this project.

Operations Building HVAC Upgrade Design: Precis was on site during the week of June 9, 2025, to survey the site and collect data necessary for the finalization of the design plans.

Construction

Contract 20-2 River Road Sludge Storage Hopper Feed Screw Replacement Project: Staff is coordinating with BR Welding on submittals. To date, GHD remains at 73% of the total Engineering Services budget of \$107,676.

Contract 22-4 Hopewell WWTP Upgrade: Submittal review is ongoing. The project is approximately 34% complete (by value) and 63% complete (by contract time). Work completed during this period includes:

- PACL BUILDING
 - o Formwork and concrete work
 - o Service water and plumbing
- FILTER/UV BUILDING
 - o Formwork and concrete for slab/footing/foundation
- SECONDARY SETTLING TANK
 - o Formwork and concrete for slab and walls

- Rebar for the walls
- SLUDGE DRAIN CHAMBER
 - Placement of precast sludge drain chamber
- SLUDGE STORAGE TANK
 - Formwork/pour and rebar roof slab
- SECONDARY SETTLING TANK DISTRIBUTION CHAMBER
 - Formwork, concrete pour, and rebar for walls, and slab
- POST AERATION CASCADE
 - Formwork/pour and rebar for slab

Contract 24-7: RRWWTP Nitrification Clarifier No. 4 Improvements Project: The 5-day operational testing was completed with one minor repair needed. The flapper valve, which is meant to flush the scum box only when the arm rolls by, is not working. Staff are coordinating the repair with Brayco.

Contract 24-11: Above-Ground Fuel Storage Tank Replacements: The Site Investigation Report has been received on June 12, 2025. RJ Walsh Associates, Inc. anticipates delivery and installation of the ASTs to resume in July 2025.

Project 22-2 GE 90-30 PLC Upgrade: No additional progress has been made during this reporting period.

Project 24-10: RRWWTP Fire Hydrant Replacements: A large leak in the city-water line was identified at the north-east corner of the 'old' filter building. Repair was completed May 29-30, 2025. Testing following the leak indicates that there is an additional leak elsewhere in the line. With the immediate list of possibilities exhausted, and the system presumably quieter due to having two large leaks repaired, staff plan on contracting additional acoustic leak detection services to locate any remaining leaks.

Project 25-4: Millstone Pump Station Variable Frequency Drives Replacement: The installation contractor experienced a slight delay in the schedule. The installation of the four (4) new U1000 VFDs at the Millstone Pump Station is scheduled to commence after the South Brunswick Pump Station VFDs are installed and commissioned.

Project 25-5: South Brunswick Pump Station Variable Frequency Drives Replacement: The installation of the three (3) new U1000 VFDs at the South Brunswick Pump Station started on May 19, 2025. As of June 13, 2025, VFD Nos. 1 and 2 have been installed and commissioned.

Paving Project: The milling and paving work, which included necessary re-grading, curbing, sidewalk, and catch basin repair, was completed at the River Road WWTP on June 4, 2025, and South Brunswick Pump Station on June 10, 2025. South Brunswick Pump Station required extensive re-grading to correct drainage issues with the old pavement.

Process Control/SCADA

Preventive maintenance was completed for all field devices and process control loops.

Miscellaneous Repair: Instrumentation staff completed the following list of unscheduled repairs during this reporting period.

- River Road WWTP
 - Replaced the orifice plate for the condensing tray flow and the weir water flow on the VenturiPak scrubber.
 - Move items from mezzanine into the new instrumentation offices
 - Replaced two (2) thermocouples on hearth 3
- South Brunswick Pump Station
 - Commissioned two (2) new VFD drives
- Meter Station No. 7
 - Adjust/re-scale flowmeter and PLC for maximum flow

Information Technology

General:

- **Preventative Maintenance**
Preventative maintenance was completed for all Information Technology devices and services.

During this reporting period:

- Three server backups (svr05, svr07, svr08) were checked for corruption and readability. All backups are valid and recoverable.
- Security awareness training status: 100% complete.
- **Network (Firewall, Routers, Switches, and interconnects)**
 - Firewall
 - The instrumentation department requires an independent network configuration. For the instrumentation network, workstations will be able to access field devices from their office workstations remotely.
 - Switches
 - New switch configured/installed, Instrumentation Bldg. This included a new vLan for more security reaching out to the Industrial Network.
- **Servers (Computers and Storage)**
 - Storage Project, 2025
 - IT Staff have been talking with Dell and Insight Public Sector staff regarding our storage project. Once ordered, Dell will handle the installation of the new storage array.
 - Tablets
 - Mobile Device Management platforms are being tested. This system will permit specific profiles based on the user and need. Example being, Operators can see process/incinerator information but not browse the internet.

- **Software**

- Contracts and Bids web application
 - Staff had a call with Civic Plus, a web development company, and they provided a demo of features and services. A quote for website redesign is being generated.
- SDNRR Overhaul
 - Completed
- Electronic Sludge Receiving Forms
 - The software vendor Allmax, which develops Operator10, software used in our lab, is testing a new feature for mobile data collection in the field. We are looking into the use cases where this may benefit us.
- TRACE Web/TRACE2
 - 2025 Trace Software renewal submitted for payment.
 - RATA was completed; both the normal (TRACE-CEMS) unit, the backup (TRACE2) unit, and chart recorders were used for data collection and reporting.
- Scripts and Tools
 - Bank check verification from MCSJ.
 - Pay2Play report from MCSJ parsing.
 - Simulated period closeouts from MCSJ.
 - Lab DMR submission script has broken due to changes on the NJ.GOV website. We are searching for a viable solution.

- **Safety & Surveillance**

- Surveillance Cameras
 - 3 cameras installed by Instrumentation. (UV MCC, UV Disinfection, Disc Filter MCC)
 - Request for an additional camera to monitor the auxiliary gate on River Road.
 - Instrumentation Basin
 - UV Parking
- Public Address
 - Testing multicast paging, Polycom proprietary.
- Fleet Vehicle Tracking
 - A requisition was generated for coverage on VerizonConnect's GPS tracking solution for 22 of our vehicles.
- Front Gate
 - During the paving project some wiring for the front gate was lost. New sensors are being ordered and Engineering is assisting in further upgrading the controls.

- **SCADA/Industrial**

- RiverFlow Tracking
 - IT is working with Operations and Laboratory staff to ensure we are ready for the re-activation of the Phosphorus/PACL system.

Technology Department Meeting

- New requests and requests for updates.
 - Engineering Dept, Requests Google Drive storage for integration with ChatGPT
 - Request to Instrumentation for RNG on PLC withdrawn after discussion with KH
 - TRACE Renewal Status
 - DocuSign renewal status
 - Investigating Meter station cabinets for the installation of new UPS devices.
 - CD iFix workspace issues, RH investigating.
 - Engineering suggested United Electric for a large UPS maintenance contract.
 - Engineering requests AutoCAD base license DRAFTING/2

646.13 Finance

Mr. Goldfarb moved Resolution 2025-058 to Approve Payment of Bills and Claims in the amount of \$2,874,795.71 with two signatures instead of three. Mr. Morehouse seconded the motion, which was passed by a roll call vote of 5 to 0. Resolution 2025-058 follows.

Payment of Bills and Claims

Resolution to Approve Payment of Bills and Claims

Resolution No. 2025-058

WHEREAS, the Stony Brook Regional Sewerage Authority received certain claims against it by way of voucher, and

WHEREAS, the staff and Authority members have reviewed said claims.

NOW, THEREFORE, BE IT RESOLVED by Stony Brook Regional Sewerage Authority that these claims in the total amount of \$2,874,795.71 be approved for payment with checks bearing two authorized signatures instead of three authorized signatures.

<u>Recorded Vote:</u>	<u>AYE</u>	<u>NO</u>	<u>ABSTAIN</u>	<u>ABSENT</u>
Gale D. Downey	X			
Julian Antebi	X			
Arundhati Bhosle	X			
David A. Goldfarb	X			
C. Schuyler Morehouse ⁽¹⁾	X			
Bharat Patel				X

(1)Abstained from payments to Allied Construction, Kleinfelder, and CDM Smith

A discussion occurred regarding the budget preparation process and the capital budget and projects.

Treasurer's Report

Mr. Smith reported a net income of \$1,408,330 thru May of the 2025 fiscal year.

Mr. Smith reported that the Authority has total cash and investments of \$26,526,619. The current construction project balance is \$3,960,871, and sufficient funds exist for these projects. The outstanding bond principal balance is \$29,134,227.

Monthly Sludge Business Analysis

Mr. Smith reported that the sludge revenue for May was \$268,525, and the year-to-date cumulative revenue is \$1,600,997. Mr. Smith also reported that the sludge business's net income for May was \$119,222, and the year-to-date net income is \$418,068.

Mr. Smith reported that an additional \$500,000 in revenue this year will come from Orange County and a new source from Waste Management, the hauler.

Mr. Smith reported that staff are in the process of analyzing the sludge business and will present it in fall 2025.

Mr. Smith reported that the natural gas utility hedge pricing is about to expire. Recent hedge pricing has increased approximately 30% since the last time we locked it in, in July 2024. We are in contact with our consultant, Gable Associates, regarding gas utility pricing.

Mr. Smith reported that the River Road electricity contract has not been awarded, but the upstream and pumping stations have pricing contracts. Mr. Smith reported that Mr. Mazich will explore the auction option in the coming months to reduce the cost of electricity at the River Road WWTP.

Mr. Smith indicated that the union negotiations are progressing well.

646.14 Personnel Report

Mr. Smith reported that Mr. Mazich, SBRSA's Chief Financial Officer, started on June 16, 2025. We also hired two Operator V who started on June 23, 2025.

A discussion occurred regarding the elimination of the Operator VI position.

Mr. Smith stated that we have two open positions: an Operator V and a Mechanic.

646.15 Correspondence

For information only.

646.16 Old Business

Nothing to report.

646.17 New Business

Nothing to report

646.18 Open to the Public

Dr. Downey opened the public portion of the meeting at 7:12 p.m. Hearing no comments from the public, as no public was present in either the conference room or on the teleconference call, Dr. Downey closed the meeting to the public at 7:13 p.m. and continued the meeting as scheduled.

646.19 And such other issues as may come before the Board

646.20 Executive Session

The Board entered into Executive at 7:14 p.m. on a motion by Mr. Goldfarb, seconded by Mr. Morehouse, and passed by a roll call vote of 5 to 0. Resolution 2025-059 follows

Resolution Authorizing Closed Session Pursuant to the Open Public Meetings Law

Resolution No. 2025-059

BE IT RESOLVED by the Stony Brook Regional Sewerage Authority (“Authority”) on this 24th day of June 2025, as follows:

1. In accordance with the Open Public Meetings Act, the Authority shall adjourn to executive session in accordance with N.J.S.A. 10:4-12(b)(7), being the Open Public Meeting Law, in order to discuss the following.
 - NJPDES Permitting issues and regulations, which are communications subject to Attorney Client Privilege and to discuss pending litigation in the matter of Stony Brook Regional Sewerage Authority v. NJDEP, EER 04581-2023S, regarding the SBRSA’s challenge to NJDEP’s imposition of nitrates effluent limitations and plant protection line conditions.
2. The minutes of the Closed Session relating to attorney client privilege will be released to the public as soon as the matters under discussion are no longer of a confidential or sensitive nature.

3. The minutes of the executive session discussing pending or threatened litigation, to the extent not subject to attorney client privilege, shall be available to the public upon: the issuance of an unappealable Order of a Court of competent jurisdiction; upon settlement of all issues in the matter; or the failure to institute litigation after the passage of reasonable time.

4. This Resolution shall take effect as provided by law.

<u>Recorded Vote:</u>	<u>AYE</u>	<u>NO</u>	<u>ABSTAIN</u>	<u>ABSENT</u>
Gale D. Downey	X			
Julian Antebi	X			
Arundhati Bhosle	X			
David A. Goldfarb	X			
C. Schuyler Morehouse	X			
Bharat Patel				X

Report of Executive Session

A discussion took place regarding the NJPDES Permitting issues and regulations.

Return to Public Session

The Board returned to Public Session at 7:35 p.m. on a motion by Mr. Morehouse, seconded by Mr. Goldfarb, and passed by unanimous vote.

646.21 Adjournment

As no further business was to come before the Board, the meeting was adjourned at 7:36 p.m. on a motion by Mr. Morehouse, seconded by Mr. Antebi, and passed by unanimous vote.

Respectfully Submitted,

David Smith
Secretary

Recorded and written by
Angela Christiano
July 11, 2025