

Minutes of Meeting No. 630, March 25, 2024 – Stony Brook Regional Sewerage Authority

LOCATION: Via Teleconference, Hopewell Borough Hall, Hopewell, NJ

MEMBERS PRESENT: Downey, Antebi, Bhosle, Goldfarb, Morehouse, Patel

MEMBERS ABSENT:

CONSULTANTS: Alexander, Cosgrove

STAFF PRESENT: Chong, Christiano, Doelling, Hilty, Hinkel, Smith, Stewart, Thomas

### **630.01**

Dr. Downey opened the regularly scheduled meeting at 6:30 p.m. Chairman 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.

### **630.03 Open to the Public**

Chairman Downey opened the public portion of the meeting at 6:31 p.m. Hearing no comments from the public, Chairman Downey closed the meeting to the public at 6:32 p.m. and continued as scheduled.

Dr. Downey indicated that the Board meeting would begin with the Finance Report.

### **630.04 Finance**

Mr. Goldfarb moved Resolution 2024-021 to Approve Payment of Bills and Claims in the amount of \$769,930.82 with two signatures instead of three. Mr. Morehouse seconded the motion, which passed by a roll call vote of 6 to 0.

#### **Payment of Bills and Claims**

#### **Resolution to Approve Payment of Bills and Claims**

#### **Resolution No. 2024-021**

**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 \$769,930.82 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 <sup>(1)</sup>	X			
Bharat Patel	X			

(1) Abstained from payments to Allied Construction and Kleinfelder

Treasurer's Report

Mr. Chong reported a net income of \$1,031,619 for the 2024 fiscal year-to-date. The Authority has total cash and investments of \$20,076,049. The current construction project balance is \$1,207,341. There are sufficient funds for these projects. The outstanding bond principal balance is \$12,598,889.

Monthly Sludge Business Analysis

Mr. Chong reported that February's net income was \$115,320, and the cumulative net income for the fiscal year to date was \$325,797.

Staff recommended for approval Resolution 2024-023, Authorizing Contracts with Certain Approved State Contract Vendors for Contracting Units Pursuant to N.J.S.A. 40A:11-12a.

Resolution 2024-023 was moved by Mr. Goldfarb, seconded by Mr. Morehouse, and passed by a roll call vote of 6 to 0. The resolution follows.

**Resolution Authorizing Contracts with Certain Approved State Contract Vendors for Contracting Units Pursuant to N.J.S.A. 40A:11-12a**

**Resolution No. 2024-023**

**WHEREAS**, the Stony Brook Regional Sewerage Authority (the “Authority”), pursuant to N.J.S.A. 40A:11-12a and N.J.A.C. 5:34-7.29(c), may by resolution and without advertising for bids, purchase any goods or services under the State of New Jersey Cooperative Purchasing Program for any State contracts entered into on behalf of the State by the Division of Purchase and Property in the Department of the Treasury; and

**WHEREAS**, the Authority has the need on a timely basis to purchase goods or services utilizing State contracts; and

**WHEREAS**, the Authority intends to enter into contracts with the provided state contract

vendors through this resolution and properly executed contracts, which shall be subject to all the conditions applicable to the current State contracts;

**NOW, THEREFORE, BE IT RESOLVED**, that the Authority authorizes the Purchasing Agent to purchase certain goods or services from those approved New Jersey State Contract Vendors on the provided list, pursuant to all conditions of the individual State contracts; and

**BE IT FURTHER RESOLVED**, that the governing body of the Authority pursuant to N.J.A.C. 5:30-5.5(b), the certification of available funds, shall either certify the full maximum amount against the budget at the time the contract is awarded, or no contract amount shall be chargeable or certified until such time as the goods or services are ordered or otherwise called for prior to placing the order, and a certification of availability of funds is made by the Finance Director; and

**BE IT FURTHER RESOLVED**, that the duration of the contracts between the Stony Brook Regional Sewerage Authority and state contract vendors shall be from December 1, 2023, to November 30, 2024.

<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			

<b>State Contract Vendors</b>		
<b>Vendor</b>	<b>Commodity/Service</b>	<b>State Contract #</b>
Access NJ	T-1818 Services Council Dept. of Human Services	89099
Firstline Locksmith LLC	T0675 Locksmith Services and Associated Parts	23-GNSV1-55505

Mr. Chong reported that the Finance Committee is scheduled to meet with the auditor on March 28, 2024, to review the fiscal year-end 2023 audit.

Mr. Chong reported that the accounts receivable customer report was included in the Finance report.

Mr. Smith reported that the River Road WWTP Operations Building Administrative Office Remediation bid has been advertised, which involves reconstructing the office space, replacing the drywall, and renovating the kitchen. The bid due date is scheduled for April 3, 2024. The flooring and furniture installation will be installed after the bid work is complete.

Dr. Downey asked for a motion to enter into the Executive Session.

Ms. Alexander noted that both matters to be discussed in the executive session are pending litigation and that Resolution 2024-020 should be revised to indicate such.

The revised Resolution 2024-020, Authorizing Closed Session Pursuant to the Open Public Meetings Law, was moved by Mr. Morehouse, seconded by Mr. Antebi, and passed by a roll call vote of 6 to 0. The resolution follows.

**Resolution Authorizing Closed Session  
Pursuant to the Open Public Meetings Law**

**Resolution No. 2024-020**

**BE IT RESOLVED** by the Stony Brook Regional Sewerage Authority (“Authority”) on this 25th day of March 2024, as follows:

1. The Authority shall adjourn to executive session in accordance with N.J.S.A. 10:4-12(b)(7), being the Open Public Meetings Law, in order to discuss the following:
  - Presentation from One Water Consulting, LLC on NJPDES Permit nitrate effluent limits for the River Road WWTP.
  - Payment of Stipulated Penalties as Contained in the Consent Decree With USEPA, USDOJ, and NJDEP.
  - Both matters are pending litigation.
2. The minutes of the executive session will be released to the public in the event of successful negotiations, or, in the event of litigation, the minutes 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.
3. 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			

### **630.05 Report of Executive Session**

A discussion occurred regarding the nitrate effluent limits and consent decree penalties.

#### **Return to Public Session**

The Board returned to Public Session at 7:14 p.m.

Resolution 2024-018, Authorizing Amendment No. 1 to the “No Political Contributions Allowed” Contract to One Water Consulting, LLC For 2024 General Environmental Consulting Services on NJPDES Permit and Related Matters, was moved by Mr. Antebi, seconded by Ms. Bhosle, and passed by a roll call vote of 4 to 0, 1 Recused. The resolution follows.

#### **Resolution Authorizing an Amendment No. 1 to the “No Political Contributions Allowed” Contract to One Water Consulting, LLC For 2024 General Environmental Consulting Services on NJPDES Permit and Related Matters**

#### **Resolution No. 2024-018**

**WHEREAS**, the Stony Brook Regional Sewerage Authority (Authority) contracted with One Water Consulting, LLC for the period starting on December 1, 2023, through the end of Fiscal Year 2024 (November 30, 2024) for General Environmental Consulting Services on NJPDES Permit and Related Matters; and,

**WHEREAS**, by Resolution 2023-117, adopted on November 13, 2023, the Authority authorized the execution of a contract with One Water Consulting, LLC, in an amount not to exceed \$30,000.00; and

**WHEREAS**, the Authority has received a proposal in the amount of \$49,700.00 from One Water Consulting, LLC, for additional services, including the completion of a refined Monte Carlo Nitrate Modeling Study and associated instream monitoring and,

**WHEREAS**, the Authority is desirous of increasing the contract value by an additional \$49,700.00, for a total amended contract amount of \$79,700.00, in accordance with One Water Consulting, LLC, proposal, dated March 15, 2024, attached hereto, and made a part hereof; and

**WHEREAS**, the Authority is desirous of procuring such services pursuant to a ‘non-fair and open’ contract pursuant to the provisions of the “New Jersey Local Unit Pay-To-Play” Law, P.L. 2004, Chapter 19 (as amended by P.L. 2005, c.51), N.J.S.A. 19:44A-20.4 et seq.; and

**WHEREAS**, One Water Consulting, LLC has submitted a Business Entity Disclosure Certification which certifies that One Water Consulting, LLC its subsidiaries, assigns or principals controlling in excess of 10% of the company has neither made a contribution that is reportable pursuant to the Election Law Enforcement Commission pursuant to N.J.S.A. 19:44A-8 or 19:44A-16, in the one (1) year period preceding the award of the contract that would, pursuant to P.L. 2004, c.19, affect its eligibility to perform this contract, nor will it make a

reportable contribution during the term of the contract to a municipal political party committee of a governing body that appoints members to the Authority including, Princeton, South Brunswick Township, West Windsor Township, Hopewell Borough, Hopewell Township, and Pennington Borough, when the contract is awarded, or to any municipal candidate committee of any candidate for or holder of municipal elective public office of any such municipality when the contract is awarded, and

**WHEREAS**, the Finance Director has certified funds are available in the 2024 Budget Account 4000-4004; and,

**NOW, THEREFORE BE IT RESOLVED** that the Board of the Stony Brook Regional Sewerage Authority authorizes the Chairman to amend the contract with One Water Consulting, LLC through Amendment No. 1 as described herein; and,

**BE IT FURTHER RESOLVED** that the Business Disclosure Entity Certification and the Determination of Value be placed on file with this resolution.

<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	
Bharat Patel <sup>(1)</sup>					

(1) no vote due to technical difficulties

Resolution 2024-022, Authorizing Appropriation Budget Transfer for the Fiscal Year 2024, was moved by Mr. Morehouse, seconded by Ms. Bhosle, and passed by a roll call vote of 6 to 0. The resolution follows.

**Resolution Authorizing Appropriation Budget Transfer for the Fiscal Year 2024**

**Resolution No. 2024-022**

**WHEREAS**, the Stony Brook Regional Sewerage Authority’s (the “Authority”) annual budget for the fiscal year ending November 30, 2024, was adopted on October 16<sup>th</sup>, 2023, and

**WHEREAS**, it is desirous and necessary to expend for any of the purposes specified in the budget an amount in excess of the respective sums appropriated during the fiscal year; and

**WHEREAS**, N.J.A.C. 5:31-2.8, Local Authorities Budget Law permits the governing body may, by resolution adopted by not less than a majority vote of the full membership thereof, transfer the amount of excess to those appropriation deemed to be insufficient;

**NOW, THEREFORE, BE IT RESOLVED**, that the Authority authorizes the following appropriation transfer for the year 2024 to be approved:

**Appropriation Budget Transfer**

<b>Budget Line</b>	<b>Account Description</b>	<b>FAST F-4 COPS (Other)</b>	<b>Amount Increase</b>	<b>Amount Decrease</b>
0001-4000-4004	Consultant General	Engineering	\$50,000.00	
0001-3000-4505	Electricity	Operations & Maintenance		\$50,000.00
<b>Cost of Providing Services (Other)</b>			<b>\$50,000.00</b>	<b>\$50,000.00</b>

<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			

Resolution 2024-025, Authorizing Payment of Stipulated Penalties as Contained in Consent Decree With USEPA, USDOJ, and NJDEP Relevant to Operation of SBRSA Incinerators, was moved by Mr. Antebi, seconded by Ms. Bhosle, and passed by a roll call vote of 6 to 0. The resolution follows.

**Resolution Authorizing Payment of Stipulated Penalties as Contained in Consent Decree With USEPA, USDOJ, and NJDEP Relevant to Operation of SBRSA Incinerators**

**Resolution No. 2024-025**

**WHEREAS**, the Stony Brook Regional Sewerage Authority (SBRSA) owns and operates two (2) multiple hearth sanitary sewage sludge incinerator units (SSI units), which are utilized to dispose of residual sanitary sewage sludge and septage; and

**WHEREAS**, the United States Environmental Protection Agency (“USEPA”); United States Department of Justice (“USDOJ”), the New Jersey Department of Environmental Protection (“NJDEP”), and the SBRSA entered into a Consent Decree relevant to the operation of SBRSA’s SSI units; and

**WHEREAS**, by letter dated March 15, 2024, USEPA, USDOJ, and NJDEP issued a Demand for Payment of Stipulated Penalty pursuant to the terms of the Consent Decree in the amount of \$21,250.00 for alleged violations of the Consent Decree between November 5, 2022, and February 15, 2024; and

**WHEREAS**, in accordance with the Open Public Meetings Act, NJSA 10:4-12(b), the SBRSA has discussed this issue in closed session and has determined to submit payment.

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

- (1) The Executive Director is authorized and directed to remit payment in the amount of \$10,625.00 to the United States and \$10,625.00 to the State of New Jersey, plus accrued interest, if any, to satisfy the Demand for Stipulated Penalty dated March 15, 2024.
- (2) The Executive Director, staff, and consultants are authorized to take all appropriate actions to effectuate this Resolution.
- (3) This Resolution shall take effect immediately.

<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			

**630.02 Approval of Minutes**

The Board minutes from the February 26, 2024, Board Meeting were approved as presented on a motion by Mr. Morehouse, seconded by Mr. Antebi, and passed by a unanimous vote.

**630.05 Board Related Activities**

Mr. Smith reported that there are two consultant contracts to be awarded; One Water Consulting and Kleinfelder. The One Water Consulting contract was approved during the Finance section of the meeting. The Kleinfelder contract will be discussed in the Construction section of the meeting.

**630.06 Planning and Administration**

Mr. Smith reported that the current 12-month average daily flow at the River Road WWTP is 9,687,555 gpd with 1,474,360 gpd of inoperative flow, leaving an available capacity of 1,898,085 gpd. The current 12-month average daily flow at the Hopewell WWTP is 259,881 gpd with zero gpd of inoperative flow, leaving an available capacity of 40,119 gpd. The current 12-month average daily flow at the Pennington WWTP is 274,280 gpd with 24,315 gpd of inoperative flow, leaving an available capacity of 146,405 gpd.

Dr. Downey reported that Hopewell Township had completed all the sewer collection system repairs at Princeton Farms development except for two; a sewer lining to repair a leak at the sewer



near the treatment plant and additional lining to correct two spot repairs on Pennington Rocky Hill Rd. The two open maintenance repairs will be completed in the near future.

Mr. Smith reported that the flow meter Certifications were completed by Engineered Environmental, Inc., on March 1, 2024. All flow meters were within  $\pm 5\%$ .

Mr. Smith reported that the flow totalizer for Meter Station No. 7 reset mid-day on February 12 and 13, 2024. The reported totalizer for February 12 and 13, 2024, was recalculated as the sum of the partial daily totalizer readings for those days.

### **630.07 Approval Requests and Actions**

Mr. Doelling reported that there was a one-time extension request for Wilson Farm; Block 96.24, Lots 24.023, 24.024 & 24.025; South Brunswick Township, Middlesex County: This project was initially approved (Resolution 2021-093) at the Authority Board meeting held on November 15, 2021, at a projected flow rate of 37,666 gpd.

Due to construction delays, Menlo Engineering Associates has requested a TWA time extension on behalf of the applicant. The project has remained on hold while the Township works with the NJDEP to resolve a water source capacity issue. The project cannot proceed without final Township approvals. Once the Township and NJDEP resolve their water capacity issue, the Applicant will pursue final approval and proceed with construction.

The Project received NJDEP TWA approval (Permit No. 21-0523) on April 14, 2022. The project applicant is requesting SBRSA's consent to a one year and one month time extension for the current TWA permit. Upon approval, the permit expiration date will be extended to April 14, 2025.

Staff recommended approval of Resolution 2024-019 Authorizing Time Extension of Treatment Works Approval for Wilson Farm, Block 96.24, Lots 24.023, 24.024 & 24.025; South Brunswick Township, Middlesex County.

A discussion occurred regarding South Brunswick Township's approval of the time extension. Stony Brook recommends approval of the time extension request for the Treatment Works Approval of the 37,666 gpd proposed allocation for the Wilson Farm project contingent upon South Brunswick Township's approval of the time extension.

Amended Resolution 2024-019 was moved by Mr. Morehouse, seconded by Ms. Bhosle, and passed by a roll call vote of 6 to 0. The resolution follows.

**Resolution Authorizing Time Extension of Treatment Works Approval for  
For Wilson Farm; Block 96.24, Lots 24.023, 24.024, and 24.025; Township of South  
Brunswick, Middlesex County**

**Resolution No. 2024-019**

**WHEREAS**, a Treatment Works Approval for Wilson Farm was approved by the Stony Brook Regional Sewerage Authority (SBRSA) at its November 15, 2021 meeting; and

**WHEREAS**, the Treatment Works is for a flow rate of 37,666 gallons per day; and

**WHEREAS**, in accordance with SBRSA's Resolution affirming terms for treatment works approval permit applications (Resolution No. 2023-071, last amended July 24, 2023), the applicant has requested a time extension; and

**WHEREAS**, the applicant has provided the requested detailed information for an extension in accordance with the Authority's TWA Approval (Resolution No. 2023-071, last amended July 24, 2023) and

**WHEREAS**, the project is more particularly described in the Treatment Works Approval Permit Application Form (TWA-1), on file at the offices of the SBRSA and

**WHEREAS**, in accordance with SBRSA's Revised Resolution Affirming Terms for Approvals for TWA-1 Sewer Extension Applications as Amended 11/26/01, no time extension will be granted beyond April 27, 2025

**WHEREAS**, SBRSA has reviewed the time extension request; and

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

Stony Brook recommends approval of the time extension request for the Treatment Works Approval of the 37,666 gpd proposed allocation for the Wilson Farm project contingent upon South Brunswick Township's approval of the time extension.

The time extension shall remain in effect until April 14, 2025, which is one year from the date of NJDEP's approval of the Treatment Works.

The Executive Director of SBRSA is authorized and directed to execute the time extension of Treatment Works Approval for Wilson Farm in South Brunswick Township, originally adopted on November 5, 2021.

**BE IT FURTHER RESOLVED** by the Stony Brook Regional Sewerage Authority that the approval shall remain in effect as stipulated in SBRSA's Revised Resolution Affirming Terms for Approvals for TWA-1 Sewer Extension Applications as Amended 11/26/01.

**BE IT FURTHER RESOLVED** that this resolution is further conditioned upon the submission of annual reports describing all treatment works and project construction, and accounting for connected and unconnected flows, until all allocated flows are connected.

<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			

Mr. Doelling reported on the Moore residence located at 106 Hopewell Rocky Hill Road (PI 435432, Activity No. AMD210004), Hopewell Township, Mercer County: SBRSA Resolution 2024-015, Denying Consent to the Proposed Amendment of the Water Quality Management Plan and County Wastewater Management Plan for the Moore Residence, 106 Hopewell Rocky Hill Road, Hopewell Township, was distributed to NJDEP; Goldenbaum, Baill Engineering, Inc.; Mercer County Planning Board; and [wqmp.publiccomments@dep.nj.gov](mailto:wqmp.publiccomments@dep.nj.gov).

Provided in the report was the Hopewell Borough Resolution 2024-38, Denying Consent to the Proposed Amendment, adopted March 7, 2024.

Mr. Doelling reported on an ongoing discussion about a single-family home at Lot 8.01, Block 46.04, Hopewell Township, Mercer County. When the Hopewell Township WMP was developed, Lot 8, Block 46 property was inadvertently not included in the areas to be served by SBRSA’s Pennington WWTP.

SBRSA understands that, under normal circumstances, an amendment to the Wastewater Management Plan (WMP) would be required to include the property in question in the sewer service areas. However, Andrew Lloyd, Principal Planner at Mercer County, has indicated that NJDEP is supporting a simplified process for single-family home additions to the sewer service area.

A discussion occurred regarding the procedure and consent of the properties inadvertently not included in the areas to be served by SBRSA’s Pennington WWTP.

Mr. Doelling reported that 9,800 gpd was added to West Windsor's Inoperable flow for Resolution 2024-013 approval for MarketFair—3535 Route 1 South, Block 14.02, Lot 7.15.

**630.08 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 the month of January 2023 were submitted with no violations reported.

February DMRs are currently being reviewed.

### **Residuals Discharge Monitoring Report (RDMR)**

The Discharge Monitoring Reports for the month of January 2023 were submitted with no violations reported.

February DMRs are currently being reviewed.

### **Air Reporting**

An Affirmative Defense letter and a follow-up report (required by Section V, paragraph D.29 of the 2022 Consent Decree) were submitted to the EPA, NJDEP, USDOJ, and NJOAG on March 5, 2024, for the previously reported emergency bypass damper opening on February 15, 2024.

On March 15, 2024, staff received the attached written demand from the United States and New Jersey for stipulated penalties under the Consent Decree entered in the United States and State of New Jersey v. SBRSA, No. 3:22-cv-05922 (D.N.J.) that will be discussed in Executive Session.

Data required for calculating the 2023 Annual Emission statement has been compiled and provided to the environmental engineering firms assisting SBRSA with the calculations. Emission Statements submitted electronically are due annually by May 15, 2024.

### **Laboratory**

The NJDEP 2024 Proficiency Testing (PT) samples were received on March 14, 2024. The study's close date is April 25, 2024.

### **Miscellaneous**

Applications for the National Association of Clean Water Agencies (NACWA) 2023 Peak Performance Awards were submitted for all SBRSA facilities on February 28, 2024.

### **630.09 Safety**

A discussion occurred regarding the NJDEP Bureau of UST Compliance and Enforcement violations.

The Board requests that staff conduct regular monthly safety committee meetings.

Mr. Smith reported that the Homeland Security report would be presented once it was available.

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

**Accidents:**

As of March 18, 2024, the Authority has gone 110 consecutive days without a “Lost Time” accident.

**Inspections:**

NJDEP Bureau of UST Compliance and Enforcement conducted an unscheduled survey of the Princeton Pump Station underground fuel storage tanks (UST) on March 7, 2024. One violation, failure to maintain testing/compliance records, was noted (NOV was provided). Staff met with the inspector immediately following the inspection to answer his concerns.

- The mechanical overfill sensor was lowered back into place, and the alarm was cleared.
- Release detection monitoring product piping was confirmed to be American suction with interstitial monitoring.
- Staff provided June 2, 2023, testing reports documenting the requested spill containment, tank overfill protection, containment device, and onsite electronic and mechanical components testing.
- Staff is scheduling testing/certification of the overfill protection circuit

**Training:**

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

- Bloodborne Pathogens
- Confined Space
- Fall Protection
- Personal Protective Equipment (PPE)
- Hearing Conservation
- Lock out/Tag out (control of hazardous energy)
- Hazardous Communication/Globally Harmonized System (GHS)
- Ladder Safety/Walking and Working Surfaces
- Fire Safety
- Implicit Bias in the Workplace

**Miscellaneous**

The March Safety Committee Meeting was canceled due to schedule conflicts. The next Safety Committee Meeting is scheduled for Tuesday, April 9, 2024.

**630.10 Litigation**

Ms. Alexander reported that the next status conference with Judge Caliguire regarding the nitrates, plant protection line, and other issues will be on April 12, 2024.

### **630.11 Operations Report**

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

Mr. Stewart reported that on February 21, 2024, staff received the NJDEP annual Compliance Evaluation and Assistance Inspection report for the River Road WWTP collections system. The inspection occurred on November 16, 2023, which included a thorough site visit to all three (3) pumping stations. The inspection report found no deficiencies in how the authority operates and maintains the pumping stations, force mains, and interceptors.

The River Road WWTP experienced high flows due to a wet weather event on March 6, 2024, with a peak flow of 38 mgd. Later that same week, a second event occurred with similar high flows peaking at 37 mgd. Additional tanks were put into service to accommodate the hydraulic loading and ensure proper biological treatment during and after the event as the flows were reduced. During these events, no sludge cake or liquid sludge deliveries were canceled.

On March 14, 2024, Univar Solutions (Univar) was onsite to conduct jar testing for phosphorous removal. Univar was contacted as a secondary supplier of chemicals that will reduce the total phosphorous (TP) on the plant effluent while the Action Level in the permit is in effect (July through October 2024). Univar explored three different products that were tested on Nitrification sludge collected from Structure 3. The testing showed good preliminary results with all the products. A detailed report is to follow with dose calculations and pricing.

### **Upstream Facilities**

Both Upstream Facilities operated well during this reporting period.

Mr. Stewart reported that on February 21, 2024, staff received the NJDEP Annual Compliance Evaluation and Assistance Inspection report for the Hopewell WWTP. The inspection on November 15, 2023 incorporated a thorough walkthrough of the plant, process, equipment, and SOPs. The inspection found no deficiencies in how the authority operates and maintains the treatment plant. "This Department appreciates the continued operation of your facilities in an environmentally responsible manner," excerpt from the inspection report.

### **Odors**

Since the last monthly report, staff have received no odor complaints from our surroundings. The total number of odor complaints received year to date is zero (0). The odor complaints appear on the provided graph showing the yearly complaints received from January 1998 to the present.

### **Customer Sludge Deliveries**

The reported quantity of liquid sludge was 3% below the budgeted amount, sludge cake was 7% above the budgeted amount, and gray water was 135% above the budgeted amount for February 2024.

### **630.12 Maintenance**

Discussion occurred regarding preventive maintenance and the asset management system.

Mr. Hilty reported that the Princeton Pump Station Emergency Generator had approximately fourteen (14) hours of running time. On March 12, 2024, the Princeton Pump Station generator underwent scheduled maintenance performed by P3 Generator Service. However, during the test run, heavy oil leakage was observed from one of the two turbos atop the 500 kW Cummins V-12 4-Stroke Diesel Engine. Concerned about potential further damage, the decision was made to shut down the engine, which was deemed the only alternative. After notifying the management team, the Executive Director declared the situation an emergency, necessitating a backup emergency generator. A rental 500 kW generator was promptly located, connected, and tested to provide standby emergency power to this critical facility. Meanwhile, P3 Generator Service is assembling repair parts for the Cummins engine, and once the new turbo is installed, further repairs will be determined.

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

#### **Work Order/Preventative Maintenance Order Summary**

Maintenance completed seventy-five (75) Work Orders and One Hundred Thirteen (113) Preventative Maintenance Orders. Currently, there are twenty-nine (29) open work order requests and four (4) outstanding preventative maintenance orders that are five (5) days overdue on average. Open work orders and outstanding preventative maintenance orders are tracked and illustrated on the attached graphs.

#### **Major Maintenance Repairs**

On February 21, 2024, Online Incinerator No. 2 was temporarily taken out of service to address corrosion issues on two of the three Quench Spray Lance Housings on the exterior of the No. 2 Scrubber lower chamber. The flanged eight-inch tubes had developed holes due to corrosion, necessitating sealing. To repair, a 3/8-inch thick 316 stainless steel plate was obtained from inventory and cut and welded over the holes. Once the welding process was completed, the Quench Spray Lances were reinstalled and resealed, followed by testing. On 2/21/2024, Scrubber No. 2 was returned to operation.

On February 20, 2024, Receiving Bin Screw No. 5 was reported as unable to start. During an inspection, it was discovered that two of the three drive-side pillow block bearings had sustained damage due to the failure of the remote grease lines. Sludge Cake Receiving Bin Screw Drive No. 5 was then locked out, and the drive assembly was removed to access the bearings. Two new bearings were obtained from inventory and installed, and the grease lines were replaced. After the drive assembly was reinstalled and the Sludge Cake Receiving Bin Screw No. 5 bearing was lubricated, it underwent testing and was put back into service on 2/23/2024.

On March 8, 2024, Schwing Pump No. 6 Lube Pump was reported not to function when required due to high discharge pressure. Upon inspection, it was found that the water supply line was obstructed by pipe scale, leading to the failure. The corroded piping was replaced with stainless steel fittings to address this issue. The Lube Pump and motor were damaged as a result of the conditions. A new pump and motor were sourced from inventory and installed. After installing the new lube pump and motor, the assembly was checked to ensure correct rotation. On March 14, 2024, the Schwing Pump #6 Lube Pump was completed and ready for service.

On March 11, 2024, the River Road Plant's 4-inch Double Check Backflow Preventor and ¾-inch backflow bypass that service the caustic sprinkler system were taken out of service for replacement. Both double-check valve backflows failed to pass the quarterly testing mandated by the DEP for the annual permit due to their age and poor condition, which affected performance. Additional piping, connecting hardware, valves, and fittings were assembled prior to replacement to minimize downtime. The water service serving the sprinkler system was temporarily disconnected during the repair. The fire alarm company was notified about the maintenance and expected duration. On March 12, 2024, the installation and testing of the 4-inch Double Check Backflow Preventor and the ¾-inch Double Check Backflow bypass was completed. Test results were promptly sent to the DEP to fulfill quarterly testing requirements.

### **630.13 Construction Report**

Mr. Doelling reported that on February 21, 2024, staff received a technical memorandum regarding the 2023 Millstone River Water Quality Evaluation and Historic Comparison, which was provided in the Construction report.

Mr. Doelling reported on Contract 23-3: Millstone Force Main Condition Assessment. Pure Technologies updated the Condition Assessment Report in March 2024 to include transient pressure monitoring results. Based on the current level of pipe distress and the change in distress from the previous inspection, Pure Technologies recommends re-inspecting in five (5) years to monitor for signs of further deterioration.

Mr. Doelling reported on Fly Ash Slurry Pump Suction/Discharge Header Rehabilitation (Project 24-1). Requests for written proposals were sent to six (6) Engineering firms requesting professional services for the evaluation of stresses within and redesign of the Fly Ash Slurry Pump (FASP) Discharge Header. One proposal and one no-bid were received by the March 14, 2024, deadline. Staff has reviewed the proposal from Kleinfelder and has found that Kleinfelder has the proper qualifications to complete this assignment.

Staff recommended approval of Resolution No. 2024-017, Authorizing the Award of a “No Political Contributions Allowed” Contract to Kleinfelder, Inc. for the Fly Ash Slurry Pump Suction/Discharge Header Rehabilitation Project at the River Road Wastewater Treatment Facility. The contract amount of \$91,730 will be billed on a lump sum basis.

Resolution 2024-017 was moved by Mr. Antebi and seconded by Ms. Bhosle.



A discussion occurred regarding the Fly Ash Slurry Pump Suction/Discharge Rehabilitation Project.

Resolution 2024-017 was passed by a roll call vote of 5 to 0, 1 Recused. The resolution follows.

**Resolution Authorizing the Award of a “No Political Contributions Allowed”  
Contract to Kleinfelder, Inc. for the Fly Ash Slurry Pump Suction/Discharge Header  
Rehabilitation project at the River Road Wastewater Treatment Facility**

**Resolution No. 2024-017**

**WHEREAS**, the Stony Brook Regional Sewerage Authority currently owns and operates two (2) Multiple Hearth Sewage Sludge Incinerators, each having a dedicated wet scrubber to clean the incinerator exhaust gases of fly ash particulate; and,

**WHEREAS**, the scrubber effluent drains to a Fly Ash Slurry Pump (FASP) suction header, which contains three (3) 75-HP Fly Ash Slurry Pumps (FASP); and,

**WHEREAS**, the fly ash slurry pumps remove spent scrubber water from the two (2) wet scrubbers and discharge the flow into the effluent channel of the Grit Removal Tanks via a common discharge header and 10-inch fly ash slurry line; and,

**WHEREAS**, the FASP suction and discharge headers are original to the plant and were installed circa 1979; and,

**WHEREAS**, there is currently no flexibility designed into the piping, causing the FAS piping system to shift (in multiple planes) and exist under considerable stress; and,

**WHEREAS**, problems such as line breaks, leaks from pipe sections, pipe misalignment, fitting separation, and pipe support misalignment have occurred; and,

**WHEREAS**, there is a need for an evaluation of stresses in the Fly Ash Slurry Pump suction/discharge headers, needed to recommend piping modifications, which relieve the stress on the piping and minimize downtime of the Fly Ash Slurry system; and,

**WHEREAS**, SBRSA distributed a request for proposals to perform provide an evaluation of stresses in the Fly Ash Slurry Pump suction/discharge headers and design piping modifications, which relieve the stress on the piping; and

**WHEREAS**, Kleinfelder has submitted a detailed proposal dated March 12, 2024 outlining the tasks included in the Fly Ash Slurry Pump Header Suction/Discharge Header Rehabilitation project; and

**WHEREAS,** Kleinfelder will provide the fly ash slurry pump header suction/discharge header rehabilitation study and design for a lump sum fee not to exceed \$91,730 without written permission from Stony Brook Regional Sewerage Authority; and

**WHEREAS,** Kleinfelder has submitted a Business Entity Disclosure Certification which certifies that Kleinfelder its subsidiaries, assigns or principals controlling in excess of 10% of the company has neither made a contribution that is reportable pursuant to the Election Law Enforcement Commission pursuant to N.J.S.A. 19:44A-8 or 19:44A-16, in the one (1) year period preceding the award of the contract that would, pursuant to P.L. 2004, c.19, affect its eligibility to perform this contract, nor will it make a reportable contribution during the term of the contract to a municipal political party committee of a governing body that appoints members to the Authority including, Princeton, South Brunswick Township, West Windsor Township, Hopewell Borough, Hopewell Township, and Pennington Borough, when the contract is awarded, or to any municipal candidate committee of any candidate for or holder of municipal elective public office of any such municipality when the contract is awarded, and

**WHEREAS,** the Finance Director has certified funds are available in the Unrestricted Fund Balance for the small capital improvement; and,

**NOW THEREFORE, BE IT RESOLVED** that the Board of the Stony Brook Regional Sewerage Authority authorizes the Chairman to enter into a contract with Kleinfelder as described herein; and,

**BE IT FURTHER RESOLVED** that the Business Disclosure Entity Certification and the Determination of Value be placed on file with this resolution.

<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	
Bharat Patel	X				

Mr. Doelling reported that the Specifications for the front office repair for phase one of the SBRSA front office restoration were completed on March 13, 2024. The scope of this work is limited to drywall and painting. The project is scheduled to be advertised for bid on March 20, 2024, with a proposed bid due date scheduled for April 3, 2024.

Mr. Doelling reported that Contract 24-7: Nitrification Clarifier No. 4 Improvements was advertised for bids on March 1, 2024. A pre-bid site visit occurred on March 15, 2024, and the bid opening is scheduled for April 2, 2024.

Mr. Doelling reported that Contract 19-2 River Road WWTP UV Disinfection and Filtration Project is approximately 99% complete.

Mr. Doelling reported that on February 27, 2024, bids for Contract 22-4, Hopewell Wastewater Treatment Plant Upgrade Project were received. Of the twenty-five (25) bidding documents distributed, eight (8) bids were received. As outlined in the provided memo, the lowest bid was received from CMS Construction, Inc., in the amount of \$17,145,000.

The Authority and its counsel have reviewed the CMS bid package, which has been determined to be in compliance with the bid specifications and in accordance with the Local Public Contracts Law N.J.S.A. 40A:11-1 et seq.

SBRSA has previous experience with CMS Construction, Inc. CMS was the contractor for SBRSA Contract No. 17-1: Pennington WWTP Upgrade and Expansion Project.

The award of Contract No. 22-4 must be approved by the New Jersey Department of Environmental Protection as required by the New Jersey Environmental Infrastructure Financing Program (I-Bank). Therefore, based on the above, staff recommends approval of Resolution No. 2024-016 for the award of Contract No. 22-4, contingent upon receipt of Approval to Award by the New Jersey Department of Environmental Protection (NJDEP) in the bid amount of \$17,145,000.

Staff recommended approval of Resolution 2024-016: Resolution Authorizing the Award of Contract No. 22-4, Hopewell WWTP Upgrade Project to CMS Construction, Inc.

Resolution 2024-016 was moved by Mr. Morehouse and seconded by Mr. Antebi.

Mr. Doelling reported that Kleinfelder will provide resident engineer service, and the SBRSA plant manager, manager of engineering, and staff engineer will regularly be on-site throughout the project.

Resolution 2024-016 was passed by a roll call vote of 6 to 0. The resolution follows.

**RESOLUTION AWARDING CONTRACT NO. 22-4  
HOPEWELL WASTEWATER TREATMENT PLANT UPGRADE PROJECT TO  
CMS CONSTRUCTION, INC., SUBJECT TO APPROVAL BY  
THE NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION**

**Resolution No. 2024-016**

**WHEREAS**, the Stony Brook Regional Sewerage Authority (hereinafter the “Authority”) issued a Notice to Bidders seeking sealed competitive bids for Contract No. 22–4 “Hopewell Wastewater Treatment Plant Upgrade Project”; and

**WHEREAS**, the Authority received eight (8) sealed competitive bids on February 27, 2024 at 2:00 p.m. from the following bidders:

<u>Bidder</u>	<u>Bid Price</u>
CMS Construction, Inc. Plainfield, NJ	\$17,145,000.00
Tomar Construction Services, Inc. East Brunswick, NJ	\$18,473,500.00
PACT Two, LLC Ringoes, NJ	\$19,342,000.00
Coppola Services, Inc. Ringwood, NJ	\$19,861,890.00
Thomas P. Carney, Inc. Langhorne, PA	\$20,291,392.00
Railroad Construction Co., Inc. Paterson, NJ	\$24,344,471.05
J. Fletcher Creamer & Sons, Inc. Hackensack, NJ	\$26,121,275.00
D'Annunzio Group, Inc. South Plainfield, NJ	\$31,857,861.00

**WHEREAS**, the bid of CMS Construction, Inc. does not contain any material defects; and

**WHEREAS**, the bid submitted by CMS Construction, Inc. included a signed and completed Federal Non-Debarment Certification for Parts I, II and III, but not for Part IV of that Certification as to contractor-controlled entities, if any; and

**WHEREAS**, N.J.S.A. 52:32-44.1(c) does not require the submission of a completed Federal Non-Debarment Certification at the time of the receipt of bid, but rather it must be completed and submitted prior to award of contract and the law requires the Authority to verify the

Certification prior to award of contract by consulting the Federal System for Award Management; and

**WHEREAS**, after the receipt of bid, CMS Construction, Inc. has submitted a fully completed Federal Non-Debarment Certification for all parts of the Certification and the Authority has consulted the Federal System for Award Management to ensure compliance prior to the Board's consideration of this Resolution; and

**WHEREAS**, funds to finance Contract No. 22-4 – “Hopewell Wastewater Treatment Plant Upgrade Project” are available through the New Jersey Infrastructure Bank (the “I-Bank”) as State Loan Project No. S340400-12, and the award of said contract to the lowest responsible bidder is subject to review and approval by the New Jersey Department of Environmental Protection; and

**WHEREAS**, the bidding documents include plans for the improvement of public property that were designed by Kleinfelder, Inc.; 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. 22-4 – “Hopewell Wastewater Treatment Plant Upgrade 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 25<sup>th</sup> day of March, 2024 as follows:

1. All immaterial defects contained in the bid submission of CMS Construction, Inc., if any, are waived and the Authority awards Contract No. 22-4 “Hopewell Wastewater Treatment Plant Upgrade Project” to CMS Construction, Inc., having a business address of 521 North Avenue, Plainfield, New Jersey 07060 as the lowest responsible bidder in accordance with the Local Public Contracts Law, N.J.S.A. 40A:11-1 et seq., subject to approval of award by the New Jersey Department of Environmental Protection.
2. In the event that the New Jersey Department of Environmental Protection approves the award of Contract No. 22-4 “Hopewell Wastewater Treatment Plant Upgrade Project” to CMS Construction, Inc., the Executive Director is authorized to execute said contract and the bid security of all 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 Executive Director shall complete and submit to the Office of State Comptroller, Contract Compliance Form B within 20 business days after award of said contract as a post-award notice for contracts valued at more than \$12.5 million, together with copies of all submissions required by said form.
4. The entire design, specifications, and plans prepared by Kleinfelder and to be utilized for Contract No. 22-4 – “Hopewell Wastewater Treatment Plant Upgrade 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.
5. The Executive Director, staff and consultants are authorized to take all appropriate actions to effectuate the terms of this Resolution and in the event the aforementioned approval by the New Jersey Department of Environmental Protection, to take measures to ensure that all appropriate documents, as required by Contract No. 22-4 – “Hopewell Wastewater Treatment Plant Upgrade Project” are provided by CMS Construction, Inc. prior to the issuance of a Notice to Proceed.
6. This Resolution shall take effect immediately.

C E R T I F I C A T I O N

<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

Mr. Doelling reported that Contract 23-5: Structural Repair of the Sludge Cake Receiving Bin Ramps project was advertised for bid on February 23, 2024. A site visit was held on March 12, 2024. One prospective bidder attended but declined to purchase a set of plans and specifications. Bids will be opened on March 20, 2024.

Mr. Doelling reported that Project 24-2, Replacement of Odor Control Carbon at the Millstone Pump Station, is scheduled to be completed on Thursday, March 28, 2024.

Mr. Doelling reported that bids for Project 24-5: Mix Tank Grit Removal and Cleaning were opened on March 14, 2024. Two bids were received. Results are provided in the table below.

**SBRSA Project 24-5  
RRWWTP Sludge Storage Tank Grit Removal Project**

<b>Bidding Contractor</b>	<b>Bid</b>
1 Spectraserv Inc.	\$ 95,000.00
2 Russel Reid Waste Hauling & Disposal Service Co., Inc.	\$ 248,960.00

The Authority and its counsel have reviewed the Spectraserv Inc. bid package, which has been determined to be in compliance with the bid specifications and in accordance with the Local Public Contracts Law, N.J.S.A. 40A:11-1 et seq.

Staff recommended approval of Resolution 2024-024: Resolution Awarding Contract No. 24-5 River Road WWTP Sludge Storage Tank Grit Removal Project to Spectraserv Inc. Upon approval of the contract, SBRSA’s Operations and Maintenance Departments will schedule the work.

Resolution 2024-024 was moved by Mr. Goldfarb and seconded by Mr. Morehouse. A discussion occurred regarding sludge tank grit removal.

Resolution 2024-024 was passed by a roll call vote of 6 to 0. The resolution follows.

**Resolution Awarding Contract No. 24-5  
River Road WWTP Sludge Storage Tank Grit Removal Project to Spectraserv Inc.**

**Resolution No. 2024-024**

**WHEREAS**, the Stony Brook Regional Sewerage Authority (hereinafter the “Authority”) issued a Notice to Bidders seeking sealed competitive bids for Contract No. 24-5 “River Road WWTP Sludge Storage Tank Grit Removal Project”; and

**WHEREAS**, the Authority received two (2) sealed competitive bids on March 14, 2024 at 2:00 p.m. from the following bidders:

<u>Bidder</u>	<u>Bid Price</u>
Spectraserv Inc. Kearny, NJ	\$95,000.00
Russell Reid Waste Hauling and Disposal Co., Inc. Keasbey, NJ	\$248,960.00

**WHEREAS**, the bid of Spectraserv Inc. does not contain any material defects; and

**WHEREAS**, after receipt of bid and prior to consideration of this Resolution, Spectraserv Inc. submitted a completed and signed Federal Non-Debarment Certification; and

**WHEREAS**, N.J.S.A. 52:32-44.1(c) does not require the submission of a completed Federal Non-Debarment Certification at the time of the receipt of bid, but rather it must be completed and submitted prior to award of contract and the law requires the Authority to verify the Certification prior to award of contract by consulting the Federal System for Award Management; and

**WHEREAS**, the Authority has consulted the Federal System for Award Management to ensure compliance prior to the Board’s consideration of this Resolution; and

**WHEREAS**, New Jersey Local Finance Notice 2024-04, issued on February 22, 2024, advises that a new Russia-Belarus certification has been prepared for contracting units, which includes the Authority, to use in “goods and services” contracts that is consistent with a United District Court ruling issued on December 22, 2023, whereby the bidder, prior to award of contract, must certify that it is not identified on the Office of Foreign Assets Control (OFAC) Specially Designated Nationals and Blocked Persons list on account of activity related to Russia and/or Belarus; and

**WHEREAS**, after receipt of bid and prior to consideration of this Resolution of award of contract, Spectraserv Inc. submitted a completed and signed certification consistent with the law that it is not identified on the OFAC Specially Designated Nationals and Blocked Persons list on account of activity related to Russia and/or Belarus; and

**WHEREAS**, the Finance Director certifies that funds to finance Contract No. 24-5 – “River Road WWTP Sludge Storage Tank Grit Removal” are available in the Budget Line Item No. 3000-4530; and



**WHEREAS**, the bidding documents include specifications and plans that were designed by the Authority depicting the dimension and scale of existing facilities; 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 specifications for Contract No. 24-5 – “River Road WWTP Sludge Storage Tank Grit Removal 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 25<sup>th</sup> day of March, 2024 as follows:

All immaterial defects contained in the bid submission of Spectraserv Inc., if any, are waived and the Authority awards Contract No. 24-5 “River Road WWTP Sludge Storage Tank Grit Removal Project” to Spectraserv Inc., having a business address of 75 Jacobus Avenue, Kearny, New Jersey 07032 in an amount not to exceed the bid amount of \$95,000 as the lowest responsible bidder in accordance with the Local Public Contracts Law, N.J.S.A. 40A:11-1 et seq.

1. The Executive Director is authorized to execute said contract and the bid security of all 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.
2. The entire design, specifications, and plans prepared by the Authority and to be utilized for Contract No. 24-5 – “River Road WWTP Sludge Storage Tank Grit Removal 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.
3. 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. 24-5 – “Rive Road WWTP Sludge Storage Tank Grit Removal Project” are provided by Spectraserv Inc. prior to the issuance of a Notice to Proceed.
4. This Resolution shall take effect immediately.

#### CERTIFICATION

<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			

Mr. Doelling reported that Contract 24-6: Fire Protection and Alarm System Service Upgrade kickoff meeting initially scheduled for March 11, 2024, was postponed due to illness. The meeting has been rescheduled for March 22, 2024.

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

**Studies/General**

**River Road WWTP Phosphorous Impact Modeling Study:** On February 21, 2024, staff received a technical memorandum regarding the 2023 Millstone River Water Quality Evaluation and Historic Comparison.

**NJPDES Permit:** One Water Consulting (OWC) will be presenting results from the preliminary dynamic modeling of nitrates in the Millstone River in executive session.

**Expansion of River Road Planning Report:** The discussion sections for the individual expansion topics are complete and are being integrated into an all-encompassing report. Staff anticipates receiving the draft expansion study report by the April Board meeting.

**Contract 23-3: Millstone Force Main Condition Assessment:** The Condition Assessment Report was updated by Pure Technologies in March 2024 to include Transient Pressure Monitoring results. The report’s executive summary is attached. Based on the current level of distress and the change in distress from the previous inspection, Pure Technologies recommends re-inspecting in five (5) years to monitor for signs of further deterioration.

**River Road WWTP Main Substation Replacement or Rehabilitation Study:** On January 23, 2024, ELECSYS submitted a draft preliminary design report (PDR). The draft report was reviewed by staff and returned with comments on February 8, 2024. ELECSYS responded to our comments on February 9, 2024. Staff is addressing several questions posed by ELECSYS in their response.

**Fly Ash Slurry Pump Suction/Discharge Header Rehabilitation (Project 24-1):** Requests for written proposals were sent to six (6) Engineering firms requesting professional services for the evaluation of stresses within, and redesign of, the Fly Ash Slurry Pump (FASP) Discharge Header. One proposal, and one no-bid were received by the March 14, 2024, deadline. The proposal is attached for review. Staff has reviewed the proposal from Kleinfelder and has found that Kleinfelder has the proper qualifications to complete this assignment.

## Design

**Project 23-7: Engineering Trailer:** SBRSA received signed/sealed building plans from the trailer manufacturer on March 4, 2024. The drawings have been forwarded to SBRSA's consulting engineer for further action associated with Princeton Planning Board Review.

**Front Office Repair:** Specifications for phase-one of the SBRSA front office restoration were completed on March 13, 2024. The scope of this work is limited to drywall and painting. The project is scheduled to be advertised for bid on March 20, 2024, with a proposed bid due date scheduled for April 3, 2024.

**Contract 24-7: Nitrification Clarifier No. 4 Improvements:** Advertisement for bids on this project occurred on March 1, 2024. The scope of this project includes the removal and replacement of the skimmer assembly, scum trough, center drive mechanism, drive unit, drive unit control wiring, and field painting for Nitrification Clarifier No. 4. A pre-bid site visit occurred on March 15, 2024. The bid opening for this project is scheduled for April 2, 2024. Staff anticipates award of the project at the April Board meeting.

## Construction

**Contract 23-1 Replacement of Failed Nitrification Tank Aerator Reducing Gear:** The new gearbox has been installed and started. See the maintenance report for details.

**Contract 23-5: Structural Repair of the Sludge Cake Receiving Bin Ramps:** This project was advertised for bid on February 23, 2024. A site visit was held on March 12, 2024. One prospective bidder attended but declined to purchase a set of plans and specifications. Bids will be opened on March 20, 2024.

**Contract 23-6: Aerzen Blower Replacement:** A Purchase Order for the equipment was issued on December 12, 2023. Staff anticipates receiving parts by mid-September 2024.

**Project 24-2 Replacement of Odor Control Carbon at the Millstone Pump Station:** This work is scheduled to be completed on Thursday, March 28, 2024.

## Small Capital Projects:

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

**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
  - Installed push button box for ash system high-level alarm.
  - Replaced low pressure scrubber water pump No. 1 phase loss relays.
  - Replaced and Calibrated Schwing #3 & #4 Tonnage displays.
  - Installed Cooling Fans on new Matrix VFD for process drain pump No.1

- Troubleshoot Emergency Generator Communication failure.
- Repaired sail switch for incinerator cooling air fan.
- Replaced CEMS #1 vacuum pump.
- Re-piped scrubber differential pressure sensing lines
- Replaced Belt Filter Press #1 oil pressure sensor.
- Repaired pull cord for E-stop switch on Belt Press 2.
- Replaced broken oil pressure switch on Schwing 6.
- Replaced MA stage #5 Dissolved Oxygen (DO) probe.
- Replaced the VenturiPak Scrubber 2 inlet thermocouple.
- Replaced DC drive on SF6.
- Repaired broken wire on SF7.
- Adjusted flow signal isolator on MA influent meter.
- Repaired boot pressure sensor under SF8.
- Pennington WWTP
  - Installed cooling fan in Orbal tank Nos. 1 & 2 VFD cabinet.
  - Replaced two emergency lights in the new disc filter building.
  - Installed one emergency exit light in the old filter building.
- Hopewell WWTP
  - Repaired Hypochlorite Pump No. 1.
  - Replaced chlorination sensor.
- Meter Station 7
  - Installed an outlet in the enclosure.
  - Replaced the Uninterruptable Power Supply (UPS) battery.
- Millstone Pump Station
  - Replaced the Uninterruptable Power Supply (UPS) in the PLC cabinet.
  - Repair sump pump alarm.
- Princeton Forrestal Meter Station
  - Mounted new M2M equipment / decommissioned obsolete equipment.
  - Replaced the UPS battery in PLC cabinet.
- Princeton Pump Station
  - Replace broken cable for climber screen drive motor.
  - Adjusted time relay on VFD 2
- Northridge Meter Station
  - Mounted new M2M equipment / decommissioned obsolete equipment.
- South Brunswick Pump Station
  - Repaired on-site totalizer.

## **Information Technology**

### **General:**

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

During this reporting period:

- Three server backups (*svr09, svr11, svr12*) were checked for corruption and readability. All backups are valid and recoverable.
- Hardware refresh status: Four additional workstations have been deployed to end-users. Three desktops and one laptop have yet to be deployed.
- Of 3 Helpdesk tickets this period, 0 are outstanding.
- Issues with data synchronization for our shared drive redundancy failed. All data is preserved and served without redundancy as repairs are completed.

**Projects:**

**New Filter Building, Communications**

Complete and operational.

- **Public Address System Repairs**  
No changes to report this period.
- **Pump Stations, Communications upgrades**  
No changes to report this period.
- **SCADA Mobile Alert System**  
No changes to report this period.
- **River Road Generator Communications**  
Complete and operational.
- **Surveillance Cameras**  
No changes to report this period.
- **TRACE Web**  
No changes to report this period.

**Miscellaneous:**

- **Monthly IT Meeting Minutes: The January IT meeting was canceled due to staff being unavailable or sick.** We will continue the IT meetings this month.
  1. Planned Topics of Discussion:
    - a. Surveillance System:
      - i. IT will request suggestions for new camera locations.
    - b. River Road Generator Communications:
      - i. Screen development is underway.
    - c. Additional Topics Discussed:
      - i. Open to all departments for questions.
      - ii. (Operations) UV Building communication changes
      - iii. (All) Asking for input about Wi-Fi coverage and performance.

**630.14 Personnel Report**

Mr. Smith reported that two operators were promoted to the next level, and an employee out on worker's compensation returned to work on March 4, 2024.

**630.15 Correspondence**

For information only.

A discussion occurred regarding the security of our network and facilities.

**630.16 Old Business**

Nothing to report.

**630.17 New Business**

Nothing to report.

**630.21 And such other issues as may come before the Board**

There was nothing to report.

**630.22 Adjournment**

As no further business was to come before the Board, the meeting was adjourned at 8:07 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  
April 5, 2024