

Minutes of Meeting No. 633, May 28, 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

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

633.01

Dr. Downey opened the regularly scheduled meeting at 6:35 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.

633.02 Approval of Minutes

The Board minutes from the April 30, 2024, Board Meeting were approved as presented on a motion by Mr. Goldfarb, seconded by Mr. Antebi, and passed by a unanimous vote.

633.03 Open to the Public

Chairman Downey opened the public portion of the meeting at 6:36 p.m. Hearing no comments from the public, Chairman Downey closed the meeting to the public at 6:37 p.m. and continued as scheduled.

633.04 Board Related Activities

Mr. Smith reported that one (1) consultant contract is up for approval. The contract is proposed to TRC for SBRSA's annual odor evaluation study in the amount of \$20,525, which will be discussed in the Construction section.

633.05 Planning and Administration

Mr. Smith reported that the current 12-month average daily flow at the River Road WWTP is 10,727,996 gpd with 1,474,360 gpd of inoperative flow, leaving an available capacity of 857,644

gpd. The current 12-month average daily flow at the Hopewell WWTP is 283,532 gpd with zero gpd of inoperative flow, leaving an available capacity of 16,468 gpd. The current 12-month average daily flow at the Pennington WWTP is 296,822 gpd with 23,630 gpd of inoperative flow, leaving an available capacity of 124,548 gpd.

Mr. Smith reported that staff completed the flow meter verifications on May 1, 2024. All flow meters were within $\pm 5\%$, and there were no meter adjustments during this period.

633.06 Approval/ Extension Requests and Actions

Mr. Doelling reported that 400 Steps (15 Cranbury Road), Block 5, Lot 19; West Windsor Township, Mercer County, has submitted a Treatment Works Approval Permit Application for the construction of sanitary sewer service to 180 apartment units (36 affordable housing units).

The projected rate of additional (new) flow to SBRSA for the 400 Steps project is 35,932 gpd.

The project has received the approval of the Planning Board and the Township Engineer.

Staff recommended for approval Resolution 2024-040, Authorizing Endorsement of Application for Treatment Works Approval Statement of Consent for Sanitary Sewer Improvements for 400 Steps (15 Cranbury Road); Block 5, Lot 19; West Windsor Township, Mercer County.

Resolution 2024-040 was moved by Mr. Antebi, seconded by Ms. Bhosle, and passed by a roll call vote of 6 to 0. Resolution 2024-040 follows.

Resolution Authorizing Endorsement of Application for Treatment Works Approval Statement of Consent for Sanitary Sewer Improvements for 400 Steps (15 Cranbury Road); Block 5, Lot 19; West Windsor Township, Mercer County

Resolution No. 2024-040

WHEREAS, an application for Treatment Works Approval has been submitted to Stony Brook Regional Sewerage Authority (SBRSA) by ACT Engineers on behalf of 400 Steps LLC for construction of sanitary sewer service to 180 apartment units; and

WHEREAS, 400 Steps LLC proposes constructing 180 residential units, which are estimated to generate an additional 35,932 gallons per day (gpd) of wastewater flow upon construction and occupation of the project; 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 35,932 gpd; and

WHEREAS, this project was approved by the West Windsor Township Planning Board Township Council of the Township of West Windsor at its February 26, 2024, meeting (Resolution 2024-R078) and

WHEREAS, this project has been endorsed by the Township Engineer, dated February 26, 2024, on Form WQM-003T Consent by Governing Body; and

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

Stony Brook recommends approval of the Treatment Works Approval application for the proposed allocation of 35,932 gpd.

The Executive Director of SBRSA is authorized and directed to execute the Treatment Works Approval (TWA-1 Application) Form WQM-003T in accordance with the SBRSA Resolution adopted August 21, 1984.

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 Treatment Works Approval Permit Application (Resolution 2023-071) and, 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			

This approval supersedes the 400 Steps project approved at the Authority’s September 27, 2021, Board meeting (Resolution 2021-079) for 29,191 gpd. Therefore, the 29,191 gpd of previously approved flow will be removed from West Windsor Township’s inoperable flow allocation.

Mr. Doelling reported that The Hun School of Princeton – Poe Dormitory, Block 8203, Lot 1, Princeton, Mercer County, submitted a treatment works application. They are proposing to demolish the existing two-story, 16,780 square foot Poe Dormitory. In its place, Hun will construct a three-story, 40,992 sf dormitory and new patio space. The units in the dormitory will include rooms for faculty and students [six 1-bed dormitory rooms and fifty-four 2-bed dormitory rooms (total of 114 total dormitory beds); six 1-bedroom apartments; two 2-bedroom apartments;

and four 3-bedroom apartments]. The laterals from the Poe Dormitory and Dining Facility are connecting to the lateral from Russel Hall, which makes this a sewer extension. The sewer extension approval includes flows from Russel Hall.

The projected rate of new flow to SBRSA for the Hun School Poe Dormitory project is 27,645 gpd.

The project has received approval from the Planning Board and the Princeton Sewer Engineer.

Staff recommended approval of Resolution 2024-041, Authorizing Endorsement of Application for Treatment Works Approval Statement of Consent for The Hun School of Princeton – Poe Dormitory; Block 8203, Lot 1; Princeton, Mercer County.

Resolution 2024-041 was moved by Mr. Goldfarb, seconded by Mr. Morehouse, and passed by a roll call vote of 6 to 0. Resolution 2024-041 follows.

**Resolution Authorizing Endorsement of Application for Treatment Works Approval
Statement of Consent for The Hun School of Princeton – Poe Dormitory; Block 8203, Lot 1;
Princeton, Mercer County**

Resolution No. 2024-041

WHEREAS, an application for Treatment Works Approval has been submitted to Stony Brook Regional Sewerage Authority (SBRSA) by Van Note-Harvey Division of Pennoni on behalf of The Hun School of Princeton for the proposed demolition of an existing two-story, 16,780 square-foot dormitory building and construction of a new three-story, 40,992 square foot Poe Dormitory containing six 1-bed dormitory rooms, fifty-four 2-bed dormitory rooms (total of 114 total dormitory beds); six 1-bedroom apartments; two 2-bedroom apartments; and four 3-bedroom apartments.

WHEREAS, the laterals from the Poe Dormitory are connecting to the lateral from the Russel Hall and Dining Facility. The lateral pipe is being replaced and upsized; therefore, Russel Hall and Dining Facility flows are included in the approval; and,

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

WHEREAS, SBRSA has reviewed the application and calculated the projected flow based on the requirements of the N.J.A.C. 7:14A-23.3 Projected Flow Criteria, and the proposed development will result in a projected flow rate of 27,645 gallons per day (gpd) of sewage flow, and

WHEREAS, the Princeton Planning Board voted to approve the plans with revisions made therein and granted relief subject to specified conditions at the May 4, 2024 meeting; and

WHEREAS, TWA Form WQM-003T has been signed by the Sewer Engineer and certified by the Wastewater Conveyance System Owner on May 10, 2024.

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

Stony Brook Regional Sewerage Authority recommends approval of the Treatment Works Approval application for the proposed allocation of 27,645 gpd in accordance with N.J.A.C. Projected Flow Criteria.

The Executive Director of SBRSA is authorized and directed to execute the Treatment Works Approval Application Form WQM-003T in accordance with the SBRSA Resolution adopted on August 21, 1984.

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 Treatment Works Approval Permit Application (Resolution 2023-071); and 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 Bear Creek Senior Independent Living Facility, Block 33, Lot 1.02, West Windsor, Mercer County: The Blackpoint Group, LLC has requested a third extension on behalf of the Bear Creek Senior Independent Living Facility. Construction was delayed due to the COVID crisis. The project construction should commence no later than July 1, 2024, with occupancy anticipated 18 months later.

This project was previously approved by Resolution 2020-032 at the Authority Board meeting held on April 27, 2020, for the proposed construction of a three-story senior independent living facility containing 220 residential units, miscellaneous office space, and a cafe at a projected flow rate of 32,270 gpd.

The SBRSA TWA Resolution states that no permit will be extended beyond a five-year period from the original SBRSA permit approval date. Staff recommends approval of a TWA extension for a flow rate of 32,270 gpd for the Bear Creek Senior Independent Living Facility project to April 27, 2025, which is five years from the original date of the SBRSA TWA-1 approval.

Staff recommended approval of 2024-042, Resolution Authorizing Time Extension of Treatment Works Approval for Bear Creek Senior Independent Living Facility, Block 33, Lot 1.02, West Windsor, Mercer County.

Resolution 2024-042 was moved by Mr. Morehouse, seconded by Ms. Bhosle, and passed by a roll call vote of 6 to 0. Resolution 2024-042 follows.

**Resolution Authorizing Time Extension of Treatment Works Approval for
Bear Creek Senior Independent Living Facility, Block 33, 1.02
West Windsor Township, Mercer County**

Resolution No. 2024-042

WHEREAS, a Treatment Works Approval for Bear Creek Senior Independent Living Facility was approved by the Stony Brook Regional Sewerage Authority (SBRSA) at its April 27, 2020 meeting; and

WHEREAS, the Treatment Works is for a flow rate of 32,270 gallons per day; and

WHEREAS, the Stony Brook Regional Sewerage Authority (SBRSA) has previously granted one-year time extensions for this project, the most recent of which ends May 9, 2024 (Resolution 2023-048); and

WHEREAS, in accordance with SBRSA’s Resolution Affirming Terms for Treatment Works Approval Permit Application (Resolution 2023-071), the applicant has requested an additional time extension; and

WHEREAS, the applicant has provided the requested detailed information for an extension in accordance with the Authority’s Resolution Affirming Terms for Treatment Works Approval Permit Application (Resolution 2023-071); 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, the West Windsor Township counsel granted this project a reservation of sewer capacity on March 9, 2020, and a time extension via resolution No. 2024-R118, dated May 24, 2024; and

WHEREAS, in accordance with SBRSA’s Revised Resolution Affirming Terms for Treatment Works Approval Permit Application (Resolution 2023-071), 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 32,270 gpd proposed allocation for the Bear Creek Senior Independent Living Facility project.

The time extension shall remain in effect until April 27, 2025, which is five years from the original date of the SBRSA TWA-1 approval.

The Executive Director of SBRSA is authorized and directed to execute the time extension of Treatment Works Approval for Bear Creek Senior Independent Living Facility in West Windsor Township, originally adopted on April 27, 2020.

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 Treatment Works Approval Permit Application (Resolution 2023-071).

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			

At the Board’s request, SBRSA staff will send a letter to The Blackpoint Group, LLC notifying them that this is the final time extension.

Mr. Doelling reported on Moore Residence - 106 Hopewell Rocky Hill Road (PI 435432, Activity No. AMD210004), Hopewell Township, Mercer County. On April 10, 2024, the Mercer County Planning Board approved the provided resolution recommending approval of the proposed amendment to the Mercer County Water Quality Management Plan titled "Moore Residence-106 Hopewell Rocky Hill Road," applying to expand the Stony Brook Regional Sewerage Authority Hopewell Treatment Facility sewer service area.

633.07 Regulatory Report

A discussion occurred regarding the Consent Decree and mercury reporting.

Dr. Downey congratulated and thanked the staff for receiving the NACWA Peak Performance platinum award for each treatment plant.

There were no other 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 March 2024 were submitted with no violations reported.

The April 2024 DMRs are currently being reviewed.

Residuals Discharge Monitoring Report (RDMR)

February 2024 RDMRs were submitted. All River Road parameters were compliant with the Air Permit requirements.

The March 2024 RDMRs 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 April 22, 2024, for the previously reported RTO malfunction, which caused a transition from OS28 to OS3 on March 27, 2024.

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 April 22, 2024, for the previously reported emergency bypass damper opening on March 28, 2024.

The 2024 Q1 Quarterly Report, detailed in paragraph 28 of 2022 Consent Decree, was submitted on April 26, 2024. Attached is a copy of the report without attachments.

The 1st quarter 2024 Incinerator Sludge Metals Report was submitted to NJDEP on May 6, 2024. There were no exceedances of the monthly, 12-month weighted average, and 15-month rolling metals concentration limits, nor the 12-month rolling lead or mercury emission limits.

The 1st quarter 2024 Excess Emissions and Monitoring Report was submitted to NJDEP. Both incinerators operated with the Regenerative Thermal Oxidizer (RTO) and Afterburner (AB). Incinerator No. 2, operating with AB (OS3) had 0.25 hours, and Incinerator No. 2, operating with RTO, had 0.083 hours of excess Oxygen emissions (Oxygen <3.0%). Carbon Monoxide (CO) concentrations during these periods were less than 100 ppm_{dv} at 7% Oxygen.

The 2023 Annual Emission Statement, prepared by Trinity Consultants, was submitted to NJDEP and certified using the NJDEP online portal on May 15, 2024.

Laboratory

SBRSA laboratories at River Road, Hopewell, and Pennington facilities have achieved acceptable results for all parameters in the NJDEP 2024 Proficiency Testing (PT) study from ERA (PT provider). River Road Certificate is attached. The NJDEP Office of Quality Assurance (OQA) still needs to validate the results.

Miscellaneous

The National Association of Clean Water Agencies (NACWA) awarded SBRSA's three wastewater treatment plants with a platinum award. The letters were provided in the report.

633.08 Safety

A discussion occurred about the importance of employee safety. There was an emphasis on the need for top management to be present at safety meetings and recurring safety inspections of the work environment.

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 May 17, 2024, the Authority has gone 21 consecutive days without a "Lost Time" accident.

Inspections:

During a routine Spill Prevention, Control, and Countermeasure (SPCC) inspection, it was discovered that the 2,000-gallon No. 2 Fuel Oil above-ground storage tank (AST) at the Pennington WWTP had a compromised seal on the outer shell and the interstitial space of the tank filled with water long enough to damage the inner steel tank. The water was pumped out of the interstitial space. Several contractors are currently working on proposals for replacing the tank and repairing the three (3) remaining ASTs of the same design at other SBRSA facilities.

Training:

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

- Confined Space Entry
- Fire Extinguisher Safety
- Hazard Communication/ Globally Harmonized System (GHS)

Miscellaneous

The Safety Committee Meeting was held on May 14, 2024. The meeting minutes were provided in the Safety report.

633.09 Litigation

Ms. Alexander reported that there was a conference call with Judge Caliguire and DAG Delahunty, relative to the status of the contested permit conditions, and the next conference will be in November 2024.

Mr. Cosgrove from One Water replied to DEP about the sampling for the dynamic modeling and is waiting for a response from DEP.

The Board requested monthly updates from Mr. Smith regarding Mr. Cosgrove's nitrate study.

633.10 Operations Report

River Road Facility

Mr. Stewart reported that the River Road Facility operated well during this reporting period. For the 24th consecutive year, the River Road Plant received the Platinum Level Peak Performance Award for 2023 from the National Association of Clean Water Agencies (NACWA).

During this reporting period, three (3) bid openings occurred. The bid openings were for incinerator deslagging, repairs for incinerator No. 1, and the supply of Polyaluminium Chloride (PACL). The details of these bid openings will be covered in the New Business section.

During the week of May 6, 2024, the Nitrification Settling Tanks were dewatered and hosed individually as part of the annual maintenance and inspection program. The sludge within the tanks was pumped back to the head of the Nitrification Aeration Tanks during the dewatering process. The settling tank launders, weir plates, and scum baffles were cleaned. The new launder covers were also cleaned and inspected for any damage.

Upstream Facilities

Mr. Stewart reported that both Upstream Facilities operated well during this reporting period. For 16 consecutive years, the National Association of Clean Water Agencies (NACWA) awarded the Pennington and Hopewell WWTPs Platinum Level Peak Performance Awards for 2023.

During the week of May 6, 2024, the Secondary Clarifiers at both plants were cleaned and inspected for any issues regarding their proper operation. At the Hopewell Plant, the Secondary Clarifiers will be utilizing this system as part of the Hopewell Upgrade Project. Both facilities also isolated, cleaned, and disinfected the final aeration tanks to ensure no

secondary growth occurred, which can affect effluent quality.

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 10% above the budgeted amount, sludge cake was 7% above the budgeted amount, and gray water was 193% above the budgeted amount for April 2024.

633.11 Maintenance

There were no 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 successfully completed fifty-nine (59) Work Orders and one hundred twenty-five (125) Preventative Maintenance Orders. Currently, there are nineteen (19) open work order requests and one (1) outstanding preventative maintenance order, which is four (4) days overdue on average. Open work orders and outstanding preventative maintenance orders are tracked and illustrated on the provided graphs.

Major Maintenance Repairs

On April 22, 2024, service technicians from P3 Generator Services arrived at the Princeton Pump Station to complete repairs on the 500kW Onan Emergency Generator Cummins V-12, 4 Stroke Twin Turbo Diesel Engine. During the initial repair on March 27, 2024, while replacing one of the two turbo assemblies, it was discovered that the fuel injectors were also leaking excessive fuel into the valve chambers. These injectors were ordered in advance for this follow-up repair.

The technicians replaced all 12 fuel injectors and the leaking turbo assembly. Additionally, our maintenance department took the opportunity to replace the starting batteries and clean the radiator grill of debris. After all the work was completed, the Emergency Generator was run, and a load bank test was performed to retain a one-year warranty on the newly installed parts.

On April 29, 2024, the Princeton Pump Station Emergency Generator was placed back into remote operation and full service. The rental generator, which had provided eight weeks of emergency standby power, was disconnected and picked up.

On April 25, 2024, Scott Electrical Testing conducted preventive maintenance at the River Road Plant on the Main Plant Generator Paralleling Switchboard and associated breakers. This process required isolating and de-energizing the switchgear and low voltage breakers for both the 1500 kW Natural Gas Generator and the 1400 kW Diesel Turbine Generator and their systems. During the maintenance, the front and rear compartments of the switchgear were opened, cleaned, and inspected. The operation of cables and shutter compartments was checked for proper support, spacing, and tightness.

Each low-voltage breaker was removed from its cubicle, cleaned, and inspected for damage. Main arcing contacts were examined for signs of pitting and corrosion, trip device operation was verified, and insulation integrity was tested using a 1kV DC megger. Four technicians carried out this work over an eight-hour day. Upon completing all preventive maintenance tasks, the two Generators were test-run to verify the proper function of the switchgear and breakers. The preventive maintenance was successfully completed on April 25, 2024, and test reports were submitted.

On April 29, 2024, during a preventative maintenance check at the River Road Plant, the 1500 kW Mitsubishi Natural Gas Generator was reported to have a gas odor during test running. Foley Cat Inc. was contacted, and a technician was dispatched to address the issue. The technician sprayed soapy water on the suspected gas piping while the engine was running to identify the source of the leak. A hairline crack was discovered in a ¾” pipe fitting connecting the gas compressor to the engine.

The technician removed the faulty compressor fitting from the cylinder head and replaced it with a new one. After reconnecting the piping, the engine was rerun, and no gas odor or leaks were detected. On April 29, 2024, the River Road Plant's 1500 kW Mitsubishi Natural Gas Generator was successfully placed back into remote operation.

On May 14, 2024, the off-line Incinerator Sludge Cake De-lumper No. 2 was locked out for repairs to its steel base. Inadequate support framing had caused the base to lean forward into the sludge feed chute, resulting in the lifting of the grating and creating a trip hazard in the walking area on the motor side. The De-lumper was leveled by jacking up the mounting base frame, and two angle iron brackets fabricated from 5” stainless steel were welded to an I-beam support frame to ensure stability.

Following the modifications, the De-lumper underwent testing, which revealed noticeable wear on the belts, pulleys, and bearings. These components were replaced, and the De-lumper was successfully retested. The repair of De-lumper No. 2 was completed on May 15, 2024.

633.12 Construction Report

Mr. Doelling reported on the 2024 Annual Odor Study. At the request of staff, TRC has submitted a proposal to conduct a two-day odor sampling at the River Road Wastewater Treatment Plant and two off-site locations (Brookline Court and Chestnut Court in the Montgomery Woods development) and an evaluation of the sampling. TRC has provided this service for several years. This data is used as a historical benchmark for the levels of odors around the plant site. In addition

to the usual 36 samples, two additional samples will be collected near the off-site locations between 10:30 pm and 11:00 pm. The sampling will be scheduled to occur in August, pending board approval. The cost for the 2023 odor study work was \$19,860. TRC has provided the required Pay-to-Play and insurance forms. Staff recommends approval of this contract for \$20,525, as further described in the attached proposal from TRC, dated May 9, 2024.

Mr. Morehouse reported that the Odor Study was discussed during the Construction Committee meeting. Mr. Morehouse moved Resolution 2024-043, Authorizing the Award of a “No Political Contributions Allowed” Contract to TRC for Odor Sampling and Analysis at the River Road WWTP and seconded by Mr. Goldfarb.

The continuation of the Odor Study was discussed, and it was agreed that the Board would continue it.

Resolution 2024-043 passed by a roll call vote of 6 to 0. Resolution 2024-043 follows.

Resolution Authorizing the Award of a “No Political Contributions Allowed” Contract to TRC for Odor Sampling and Analysis at the River Road WWTP

Resolution No. 2024-043

WHEREAS, the Stony Brook Regional Sewerage Authority (SBRSA) has a need for the continuation of odor sampling in the summer of 2024 at the River Road Wastewater Treatment Plant (WWTP) and two (2) off-site locations; and

WHEREAS, the analysis will be used as a comparison to the analysis that was conducted in 2009 through 2023 to determine the odor characteristics at the River Road WWTP; and

WHEREAS, TRC has conducted this sampling and analysis in 2009 through 2023 and for continuity and consistency of the data TRC should conduct the sampling and analysis in 2024; and

WHEREAS, the term of this contract will take place during SBRSA’s FY 2024; and,

WHEREAS, TRC has submitted a proposal dated May 9, 2024, indicating they will provide the sampling and analysis on a time and materials basis not to exceed \$20,525 without prior written approval from SBRSA; and

WHEREAS, TRC has completed and submitted a Business Entity Disclosure Certification for FY 2024 which certifies that TRC has not made any reportable contributions to a municipal political party committee of a governing body that appoints members to the Stony Brook Regional Sewerage Authority including Princeton, South Brunswick Township, West Windsor Township, Hopewell Borough, Hopewell Township and Pennington Borough in the previous one year, and that the contract will prohibit TRC, from making any reportable contributions through the term of the contract, and

WHEREAS, the Finance Director has certified funds are available in the 2024 Budget Service Contracts/Outside Services line account 4000-3511.

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

1. The Stony Brook Regional Sewerage Authority (the “Authority”) does hereby authorize the Chairman to execute a Contract between the Authority and TRC, whose business address is located at 21 Griffin Rd. North; Windsor Connecticut), in an amount not to exceed \$20,525.00, in accordance with the attached proposal dated May 9, 2024. Said contract shall not allow political contributions pursuant to the applicable provisions of N.J.S.A. 19:44A-20 et seq.
2. The foregoing services are “professional” services as defined in N.J.S.A. 40A:11-2(6) which are permitted to be contracted without public bidding as set forth in N.J.S.A. 40A11-5(1) (a) and as a “non-fair and open” contract pursuant to the provisions of N.J.S.A. 19:44A-20-5.
3. The Business Registration Certificate, Business Entity Disclosure Certification and Determination of Value shall be placed on file with this resolution.
4. Within ten days of adoption of this Resolution, notice of the nature, duration and amount of the contract shall be published once in the newspaper of general circulation and a copy of this resolution and the agreements shall be on file and available for public inspection in the offices of the Authority as required by N.J.S.A. 40A-11.5.
5. This Resolution shall take effect as provided by law.

Certification of Funds

I, William Chong, Finance Director, do hereby certify that sufficient funds are available in the 2024 budget from line item 4000-3511.

/s/ William Chong
Finance Director
Stony Brook Regional Sewerage Authority
Dated: May 22, 2024

Recorded Vote:

	<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 as part of Contract 19-2, the Stony Brook Regional Sewerage Authority (SBRSA) now owns and operates an ultraviolet (UV) disinfection system at the River Road Wastewater Treatment Plant (WWTP) designed and manufactured by Trojan Technologies under the brand name Trojan UV. The system is comprised of several components, each containing proprietary parts solely manufactured by Trojan Technologies to fit and function with their system.

Therefore, it is necessary for SBRSA to effectively repair and maintain this UV disinfection system and specify that replacement parts and appurtenances for the UV Disinfection System at the River Road WWTP be manufactured and purchased from Trojan Technologies. To facilitate this, staff recommended approval of Resolution 2024-044 approving the Proprietary Purchase of Replacement Parts for the Trojan Technologies UV Disinfection System at the River Road WWTP.

Resolution 2024-044 was moved by Mr. Morehouse and seconded by Mr. Goldfarb.

A discussion occurred regarding the purchases of proprietary replacement parts and the bidding process. It was determined that staff will bid for the replacement parts if the \$44,000 bid threshold is anticipated to be exceeded in any given fiscal year.

Resolution 2024-044 was passed by a roll call vote of 6 to 0. Resolution 2024-044 follows.

Resolution for the Proprietary Purchase of Replacement Parts for the Trojan Technologies UV Disinfection System at the River Road WWTP

Resolution No. 2024-044

WHEREAS, the Stony Brook Regional Sewerage Authority (SBRSA) owns and operates an ultraviolet (UV) disinfection system at the River Road Wastewater Treatment Plant (WWTP) designed and manufactured by Trojan Technologies under the brand name Trojan UV; and,

WHEREAS, the system is comprised of several modules, each containing proprietary parts solely manufactured by Trojan Technologies to fit and function with their system; and

WHEREAS, to effectively repair and maintain the UV disinfection system, an inventory of replacement parts, fittings, instruments, fluids, specialty tools, and other appurtenances must be sourced as needed by SBRSA; and

WHEREAS, the parts and appurtenances required to maintain the system must be both compatible with the system and approved for use by Trojan Technologies to comprise a functional unit suitable for the specified performance and design requirements; and

WHEREAS, Trojan Technologies holds US patents for many of the components of the system; and

WHEREAS, the use or installation of any unauthorized parts, or any other modification to this system would be grounds to void any existing warranty and would invalidate the manufacturer’s Certificate of Unit Responsibility; and

WHEREAS, Trojan Technologies is the sole supplier of the parts and appurtenances required to properly maintain the system; and

WHEREAS, the continued operation of the ultraviolet (UV) disinfection system is critical to the proper operation of the treatment facility and is required to comply with its NJPDES permit which sets Effluent Gross Value limits for select microbes such as E. Coli; and

WHEREAS, for consistency in both training and operation and maintenance of the equipment, the desired preference is to the ultraviolet (UV) disinfection system parts and appurtenances supplied by the existing manufacturer; and

WHEREAS, the Authority has determined that the ultraviolet (UV) disinfection system at the River Road Wastewater Treatment Plant (WWTP), designed and manufactured by Trojan Technologies under the brand name Trojan UV is of a specialized nature necessary for the conduct of its affairs; and

WHEREAS, the Authority therefore has a compelling need to purchase Original Equipment Manufacturer (OEM) parts and appurtenances from the manufacturer as authorized by N.J.S.A. 40A:11-13(d) and N.J.A.C. 5:34-9.1(a) 1.i and 2.i where the proprietary designation overshadows the public benefit of use of “brand name or equivalent”; and

WHEREAS, the Authority’s attorney Maraziti Falcon, LLP has reviewed the proposed certification for the specialized nature of the proprietary equipment necessary for the conduct of SBRSA’s affairs and has advised of its applicability and acceptability pursuant to N.J.S.A. 40A:11-13(d) and N.J.A.C. 5:34-9.1.

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

1. That the Authority agrees that due to the specialized nature of the equipment necessary for the conduct of its affairs, the only acceptable manufacturer for the replacement of the Original Equipment Manufacturer (OEM) parts and appurtenances is Trojan Technologies.
2. This Resolution shall take effect immediately; and

BE IT FURTHER RESOLVED that the Executive Director, staff, and consultants are authorized to take all appropriate measures to ensure that all appropriate documents, are provided by the Vendor.

<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 River Road WWTP Main Substation Replacement or Rehabilitation Study. On April 30, 2024, ELECSYS submitted a final preliminary design report (PDR). The report was reviewed with ELECSYS via video conference on May 1, 2024, and distributed to the construction committee on May 1, 2024. The PDR (without attachments) is appended to this report. Staff recommends proceeding with the design for a replacement of the River Road WWTP main substation.

A discussion took place about Elecsys' report recommendations. Staff are waiting for the design proposal for the substation. The proposal will be discussed with the Construction Committee and then presented to the Board.

The Board requested Mr. Amaba from Elecsys to present the design proposal to the Construction Committee meeting and the Board.

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: One Water Consulting continues to work on this project; there is no progress to report this month.

NJPDES Permit: There has been no additional action from NJDEP on the study.

Expansion of River Road Planning Report: Due to several unexpected issues, staff anticipates receiving the draft expansion study report by the June 2024 Board meeting.

Dewatering Alternatives Evaluation / Belt Filter Press Replacement Study: Kleinfelder continues to work on this project.

2024 Annual Inspection Staff is working with Kleinfelder to schedule the inspection.

Design

Fly Ash Slurry Pump Suction/Discharge Header Rehabilitation (Project 24-1): Staff is coordinating with Kleinfelder to schedule a project kick-off meeting.

Project 23-7: Engineering Trailer: The Minor Site Plan Application was submitted to the Princeton Planning Board by Kleinfelder on May 9, 2024. An initial (unofficial) administration review confirmed that all documentation was in order. The application is additionally being reviewed by Counsel. A hearing date has not been provided.

Construction

Contract 20-1 River Road Sludge Storage Hopper Feed Screw Replacement Project: An onsite meeting with GHD occurred on May 17, 2024, to refamiliarize GHD with the project and to discuss the status of recently damaged equipment, (e.g., trough of the feeder screw section at the bottom the bin). Staff anticipates advertising this project for bid in the upcoming months.

Contract 22-4 Hopewell WWTP Upgrade: All bonding and insurance documents have been received and reviewed. A pre-construction meeting was held at the Kleinfelder offices on May 15, 2024. Staff and its consultants are reviewing submittals.

Contract 24-4 Front Office Repair: Levy Construction has commenced construction and is complete with demolition. Electric, drywall, and new wall installations are currently in progress. Levy Construction is on course for completion in June 2024.

SBRSA has issued all purchase orders for the office furniture, kitchen, and flooring. SBRSA visited Allstate Interiors showroom on May 17, 2024, to finalize product selections. The furniture is expected to arrive in Allstate Interior's warehouse in late June. SBRSA expects the flooring installation will be completed in June 2024 and the office furniture and kitchen to be installed in July 2024.

Contract 24-6: Fire Protection and Alarm System Service Upgrade: The Contractor has delivered all materials to the site and has finished programming the Network Display Unit (NDU). It is expected that work will begin the last week of May 2024, starting with the installation of the NDU.

Contract 24-7: RRWWTP Nitrification Clarifier No. 4 Improvements Project: All bonding and insurance documents have been received and reviewed. Staff is working with the Contractor to schedule a kickoff meeting. The anticipated lead time for equipment is 14-16 weeks.

Small Capital Projects:

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

Project 24-2 Replacement of Odor Control Carbon at the Millstone Pump Station: No additional progress has been made during this reporting period. Staff is awaiting chemical analysis of the removed carbon before negotiating a potential change order for additional disposal costs.

Project 24-8: Princeton Pump Station Variable Frequency Drives Replacement: Staff is working with Willier Electric Motor Repair Co. Inc. to schedule the replacement of the four (4) 150-horsepower variable frequency drives. The manufacturer's estimated lead time for the equipment is 10 to 12 weeks.

Contract 24-9: RRWWTP Operations Building Rear Parking Lot Paving Project: The rear parking lot of the Operations Building was identified as the highest priority area needing repair. This project will include replacing the surface course asphalt pavement and pavement markings. Staff anticipates completing this project utilizing the state contract or local co-op agreement in the upcoming months.

Project 24-10: RRWWTP Fire Hydrant Replacement: Seven (7) new fire hydrants were purchased and delivered to the River Road WWTP. A Request for Quotations was distributed to several mechanical contractors for the replacement of the existing fire hydrants on-site with the new ones. The lowest quotation was received from JVS Industrial and Commercial Contractors, Inc. Staff will be contracting with JVS for the installation of all new fire hydrants.

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 Bank Position Sensors on UV Banks 1A, 2B, and 2C at the UV Disinfection Building.
 - Replaced the UV Intensity Sensor and its housing in UV Bank 2A due to damage from water ingress caused by a defective seal.
 - Installed new uninterruptible power supplies (UPSs) in both incinerator scrubber control panels.
 - Corrected an issue where remote-manual control of pumps at the pump stations would not work as expected when a specific control configuration was selected from the SCADA.
- Meter Station No. 6
 - Replaced the controller backup battery in the flowmeter.
 - Replaced the UPS due to a battery failure.

Information Technology

General:

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

During this reporting period:

- Three server backups (*SDNRR*, *SDNHOPE*, *SDNPENN*) were checked for corruption and readability. All backups are valid and recoverable.
- Hardware refresh status: Deployment is now complete
- Of 2 Helpdesk tickets this period, 0 are outstanding.
- Security awareness training will be issued soon, be on the lookout for your links!

Projects:

- **Public Address System Repairs**
There are no changes to report for this period.
- **Surveillance Cameras**

Staff is awaiting receipt of the order containing 20 new cameras.

- **TRACE Web**
Data collection resumes for further testing. In the event a solution is not found to implement the new WebDAS on a virtual machine, staff is testing a physical hardware configuration.

Miscellaneous:

- **Monthly IT Meeting Minutes:** The May IT meeting was held on the 14th of the month.
 1. Planned Topics of Discussion:
 - a. Surveillance System:
 - i. 20 new cameras were ordered, awaiting delivery.
 - ii. Permissions updated.
 - b. Fire Alarm Project:
 - i. Fiber Optic connection
 1. To add network connectivity to the cake building a fiber optic cable spool has been ordered.
 2. Satellite buildings on site require patches between the network and fire panels. Adapters and patches are being quoted.
 - c. Trace Environmental
 - i. The incinerator is still operating on the old DAS2K system.
 1. Data collection for further testing is underway.
 2. Staff is investigating a possible solution using physical hardware in place of a virtual machine.
 - d. Additional Topics Discussed:
 - i. Front Office
 1. Verification of cable locations and progress of re-installation is being monitored.

633.02 Finance

Mr. Goldfarb moved Resolution 2024-045 to Approve Payment of Bills and Claims in the amount of \$743,635.35 with two signatures instead of three. Mr. Morehouse seconded the motion, which was passed by a roll call vote of 6 to 0. Resolution 2024-045 follows.

Payment of Bills and Claims

Resolution to Approve Payment of Bills and Claims

Resolution No. 2024-045

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 \$743,635.35 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 and Kleinfelder

Mr. Chong reported that the check register includes a wire transfer to US Bank for a Bond Refunding Series 2023 semi-annual payment due on June 1, 2024, in the amount of \$88,375.

Treasurer's Report

Mr. Chong reported a net income of \$1,479,398 for the 2024 fiscal year-to-date. The Authority has total cash and investments of \$21,712,932. The current construction project balance is \$2,315,278, and there are sufficient funds for these projects. The outstanding bond principal balance is \$12,598,889.

Monthly Sludge Business Analysis

Mr. Chong reported that March's net income was \$142,932, and the cumulative net income for the fiscal year to date was \$587,150.

Mr. Chong reported that the Authority has updated the number of projects for the current fiscal year. The total capital budget increased from the adopted \$3,125,000 to \$3,967,000.

Staff recommended approval of Resolution 2024-046, 2024 Amended Capital Budget. Resolution 2024-046 was moved by Mr. Goldfarb, seconded by Mr. Antebi, and passed by a roll call vote of 6 to 0. Resolution 2024-046 follows.

2024 AMENDED CAPITAL BUDGET RESOLUTION

**Stony Brook Regional Sewerage Authority
Resolution #2024-046
May 28, 2024**

FISCAL YEAR: FROM: December 1, 2023 TO: November 30, 2024

WHEREAS, the Annual Capital Budget for the Stony Brook Regional Sewerage Authority (the “Authority”) for the fiscal year beginning December 1, 2023 and ending November 30, 2024 has been presented for amendment before the governing body of the Authority at its open public meeting of May 28, 2024 and

WHEREAS, the Annual Capital Budget as presented for amendment reflects adjustments to Total Capital Appropriations and Total Unrestricted Net Position planned to be utilized; and

WHEREAS, the Annual Capital Budget/Program as presented below for amendment will supersede the capital budget/program which has been adopted by the Director of the Division of Local Government Services on October 16, 2023; and

NJ-DCA FAST Tab Items	Adopted	Amended
CB-3. Capital Budget Proposed – Estimated Total Cost	\$3,125,000	\$3,967,000
CB-3. Capital Budget Proposed – Unrestricted Net Position Utilized	\$3,125,000	\$3,967,000
CB-4. 5-Year Capital Budget Cost – Estimated Total Cost	\$16,790,000	\$8,870,000
CB-4. 5-Year Capital Budget Cost – 2024 Proposed Budget	\$3,125,000	\$3,967,000
CB-4. 5-Year Capital Budget Cost – 2025 Proposed Budget	\$3,525,000	\$1,763,000
CB-4. 5-Year Capital Budget Cost – 2026 Proposed Budget	\$3,050,000	\$650,000
CB-4. 5-Year Capital Budget Cost – 2027 Proposed Budget	\$3,375,000	\$1,725,000
CB-4. 5-Year Capital Budget Cost – 2028 Proposed Budget	\$2,715,000	\$765,000
CB-4. 5-Year Capital Budget Cost – 2029 Proposed Budget	\$1,000,000	---
CB-5. 5-Year Capital Budget Fund – Estimated Total Cost	\$16,790,000	\$8,870,000
CB-5. 5-Year Capital Budget Fund – Unrestricted Net Position Utilized	\$16,790,000	\$8,870,000

NOW, THEREFORE BE IT RESOLVED, by the governing body of Stony Brook Regional Sewerage Authority, at an open public meeting held on May 28, 2024 that the amended Annual Capital Budget/Program of the Authority for the fiscal year beginning December 1, 2023 and ending November 30, 2024 is hereby adopted and shall constitute appropriations for the purposes stated; and

BE IT FURTHER RESOLVED, that the amended Annual Capital Budget/Program as presented for adoption reflects each item of revenue and appropriation in the same amount and title as set forth in the introduced and approved budget, including all amendments thereto, if any, which have been approved by the Director of the Division of Local Government Services.

<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. Chong reported that the Authority proposes to reclassify \$5,000,000 from unrestricted funds, undesignated net position, to a Capital Improvement Fund for financing capital projects. A discussion was held on the need for the fund. Staff recommended approval of Resolution 2024-047, Authorize the Establishment of Capital Improvement Fund.

Resolution 2024-047 was moved by Mr. Antebi and seconded by Ms. Bhosle.

A discussion occurred regarding the Capital Improvement Fund.

Resolution 2024-047 was passed by a roll call vote of 6 to 0. Resolution 2024-047 follows.

Resolution to Authorize the Establishment of a Capital Improvement Fund

Resolution No: 2024-047

WHEREAS, the Stony Brook Regional Sewerage Authority (the “Authority”) recognizes the need for capital improvement projects to proactively upgrade, replace or renew major operational parts, equipment or system of its wastewater treatment plant; and

WHEREAS, it is in the best interest of the Authority to establish a dedicated fund to properly operate, manage, maintain and improve its system; and

WHEREAS, the Authority has determined that there is a need to designate funds for such capital improvement.

NOW, THEREFORE BE IT RESOLVED by Stony Brook Regional Sewerage Authority that an unrestricted, designated Capital Improvement Fund be established from unrestricted, undesignated net position in the amount equal to \$5,000,000.00.

<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. Chong reported that the Authority proposes reclassify \$1,000,000 from unrestricted funds, undesignated net position, to a Contingency Reserve Fund Capital Improvement Fund for financing emergencies and renewal and replacement of assets. A discussion was held on the need for the fund. Staff recommended approval of Resolution 2024-048, to Authorize the Establishment of a Contingency Reserve Fund.

Resolution 2024-048 was moved by Mr. Morehouse, seconded by Mr. Goldfarb, and passed by a roll call vote of 6 to 0. Resolution 2024-048 follows.

Resolution to Authorize the Establishment of Contingency Reserve Fund

Resolution No: 2024-048

WHEREAS, the Stony Brook Regional Sewerage Authority (the “Authority”) recognizes the possibility that emergencies or unforeseen events could occur that would result in the need for the Authority to replace major operational parts or equipment; and

WHEREAS, it is in the best interest of the Authority to establish safeguards to mitigate such emergencies and potential financial losses so it can continue to properly operate, manage, maintain and improve its system; and

WHEREAS, the Authority has determined that there is a need to designate funds for such contingencies.

NOW, THEREFORE BE IT RESOLVED by Stony Brook Regional Sewerage Authority that an unrestricted, designated Contingency Reserve Fund be established from unrestricted, undesignated net position in the amount equal to \$1,000,000.00.

<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. Chong recommended for approval Resolution 2024-049, Authorize Payment of Budgeted and/or Non-Discretionary Expenses in the Amount Not to Exceed \$4,000. These payments would be made in advance of an Authority Board meeting to avoid penalties, late fees, and operational difficulties or inefficiencies.

Resolution 2024-049 was moved by Mr. Morehouse and seconded by Mr. Goldfarb.

A discussion occurred regarding advanced payments made before a Board meeting.

Resolution 2024-049 was passed by a roll call vote of 6 to 0. Resolution 2024-049 follows.

Resolution to Authorize Payment of Budgeted and/or Non-Discretionary Expenses in the Amount Not to Exceed \$4,000

Resolution No. 2024-049

WHEREAS, under certain circumstances, the Stony Brook Regional Sewerage Authority (the “Authority”) has the need to make budgeted and/or non-discretionary purchases in advance of an Authority Board Meeting; and

WHEREAS, the failure to make said purchases can result in undesirable consequences, including, but not limited to, late fees, financial penalties, and operational difficulties or inefficiencies; and

WHEREAS, to avoid financial penalties and improve operational efficiencies, there are instances where the Authority desires to authorize the advance payment of budgeted fees and non-discretionary expenses, subject to the availability of sufficient funding, therefore, in an amount not to exceed \$4,000 for each relevant purchase; and

NOW THEREFORE BE IT RESOLVED, by the Stony Brook Regional Sewerage Authority that, subject to the availability of sufficient funding, the Finance Director and the Executive Director are hereby authorized to make payments for budgeted fees and non-discretionary expenses, in an amount not to exceed \$4,000 for each relevant expense. Said expenses shall be identified as paid and shall be included on the check register at the next ensuing meeting of the Board.

<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. Chong recommended for approval Resolution 2024-050 to Authorize Participation in a Cooperative Purchasing System Agreement with Mercer County as Part of a Cooperative Pricing System.

Resolution 2024-050 was moved by Mr. Goldfarb, seconded by Mr. Morehouse, and passed by a roll call vote of 6 to 0. Resolution 2024-050 follows.

Resolution to Authorize Participation in Cooperative Purchasing System Agreement with Mercer County as Part of a Cooperative Pricing System

Resolution No. 2024-050

WHEREAS, N.J.S.A. 40:11-11 specifically authorizes two (2) or more contracting units to enter into a cooperative pricing system or joint purchasing agreement for the provision and performance of goods and services; and

WHEREAS, Mercer County of New Jersey (“Mercer County”) serves as the lead agency of the Mercer County Cooperative Pricing System No. CK09-MERCER (“CK09-MERCER”) and is specifically authorized to establish cooperative purchasing programs pursuant to N.J.A.C. 5:34, and approved by the New Jersey Division of Local Government Services; and

WHEREAS, the CK09-MERCER has advertised and awarded contracts for a variety of goods and services; and

WHEREAS, Stony Brook Regional Sewerage Authority (the “Authority”), pursuant to P.L.2011.c.139; and N.J.A.C. 5:34-7.29(c) and per Local Finance Notice No. LFN 2011-35, may by resolution and without advertising for bids, purchase of goods from any national and/or regional cooperative entered into on behalf of the State by the Division of Purchase and Property in the Department of the Treasury; and

WHEREAS, Stony Brook Regional Sewerage Authority (the “Authority) desires to participate in a cooperative pricing system and desires to designate Mercer County as lead agency for the conducting of certain functions relating to the purchase of goods and services in a cost-efficient manner for the benefit of the Authority rate payers; and

WHEREAS, the Authority desires to become a member of the CK09-MERCER and that such membership shall continue in effect for a period not to exceed five (5) years ending May 31, 2029, and each renewal, thereafter of the system, unless the Authority elects to formally withdraw from the system.

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

1. Pursuant to the provisions of N.J.S.A. 40A:11-11(5), the Executive Director of the Stony Brook Regional Sewerage Authority is hereby authorized to take all steps necessary to obtain membership with Mercer County, hereinafter referred to as the “Lead Agency,” for membership in the Mercer County Cooperative Pricing System No. CK09-MERCER, for the conduct of certain functions relating to the purchase of goods and services for their respective jurisdictions.
2. Lead Agency shall be responsible for complying with the provisions of the Local Public Contracts Law (N.J.S.A. 40A:11-1 et.seq.) and all other relevant provisions of the revised statutes of the State of New Jersey.
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 Goldfarb	X			
C. Schuyler Morehouse	X			
Bharat Patel	X			

Mr. Chong recommended for approval Resolution 2024-051, Authorizing Contracts with Certain Approved State Contract Vendors for Contracting Units Pursuant to N.J.S.A. 40A:11-12a. The vendors are listed in the Resolution.

Resolution 2024-051 was moved by Mr. Goldfarb, seconded by Mr. Morehouse, and passed by a roll call vote of 6 to 0. Resolution 2024-051 follows.

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

Resolution No. 2024-051

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 Director of Finance; 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			

State Contract Vendors

Vendor Name	Commodity/Service	State Contract
Graybar Electric Co.	T17785 Communication Cable Wire and Associated Products	23-TELE-58170
Miller Sales Company d/b/a Miller Energy Inc.	T0983 Environmental Instruments and Supplies for Air & Water Quality	22-FOOD-09931

Mr. Chong recommended for approval Resolution 2024-055, Authorizing Attendance at WEFTEC Conference and Payment of Expenses Incidental Thereto. This is for the attendance in New Orleans, LA, on October 5 through October 9, 224, including attendance fees, airfare, transportation, and lodging, not to exceed \$8,000.

Resolution 2024-055 was moved by Mr. Morehouse and seconded by Mr. Goldfarb.

A discussion occurred regarding the WEFTEC Conference.

Resolution 2024-055 was passed by a roll call vote of 6 to 0. Resolution 2024-055 follows.

Resolution Authorizing Attendance at WEFTEC Conference and Payment of Expenses Incidental Thereto

Resolution No. 2024-055

NOW THEREFORE BE IT RESOLVED, by the Stony Brook Regional Sewerage Authority, that attendance at conferences is an important and valuable avenue to, among other things, stay up-to-date on information about innovations in the wastewater industry and obtain knowledge regarding issues facing wastewater authorities and the range of solutions available, and therefore SBRSA hereby authorizes SBRSA Executive Director, Plant Manager, and an engineering staff member to attend the Water Environment Federation's Technical Exhibition and

Conference (“WEFTEC”), held from October 5-9, 2024, in New Orleans, Louisiana, and SBRSA further authorizes payment of expenses incidental thereto, including, but not limited to, conference attendance fees, airfare, transportation, lodging and reimbursement of authorized expenses, in an amount not to exceed \$8,000, and funds are available in the 2024 budget line items 1000-3501, 1000-4507, 3000-3501, 3000-4507, 4000-3501, and 4000-4507 for these purposes.

Certification of Funds

The Finance Director has certified that sufficient funds are available in the 2024 budget from line items 1000-3501, 1000-4507, 3000-3501, 3000-4507, 4000-3501, and 4000-4507.

/s/ William Chong
 Finance Director
 Stony Brook Regional Sewerage Authority
 Dated:

<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			

633.14 Personnel Report

Mr. Smith reported that Alan Latanzio was promoted to Operator III, Joseph Crate (Mechanic I) remains on a leave of absence, and John Ireland (Mechanic II) has returned from worker’s compensation.

633.15 Correspondence

For information only.

633.16 Old Business

Nothing to report.

633.17 New Business

Mr. Smith recommended for approval Resolution 2024-052, Awarding Contract for Multiple Hearth Incinerator De-Slagging and Cleanout.

Resolution 2024-052 was moved by Mr. Morehouse, seconded by Mr. Antebi, and passed by a roll call vote of 6 to 0. Resolution 2024-052 follows.

**Resolution Awarding Contract for Multiple Hearth
Incinerator De-Slagging and Cleanout**

Resolution No. 2024-052

WHEREAS, the Stony Brook Regional Sewerage Authority (the “Authority”) advertised for the receipt of sealed competitive bids in accordance with the requirements of the Local Public Contracts Law, N.J.S.A. 40A: 11-1 et seq. for the multiple hearth incinerator de-slagging and cleanout; and

WHEREAS, the following competitive bids was received by the Authority on May 1, 2024, as fully set forth below:

<u>Bidder</u>	<u>12 Months</u>	<u>24 Months</u>
ACV / Republic Services	\$163,748.00	\$333,606.00
Industrial Furnace Company	\$40,800.00	\$83,400.00
Albertus Energy, Inc.	\$33,650.00	\$68,100.00

WHEREAS, the lowest bidder, Albertus Energy, Inc. submitted a bid of \$33,650.00 for twelve (12) months and \$68,100.00 for twenty-four (24) months; and

WHEREAS, the bid has been reviewed by the Authority to determine compliance with the bid specifications in accordance with the Local Public Contracts Law N.J.S.A. 40A:11-1 et seq. and has been determined to be in order; and

NOW, THEREFORE, BE IT RESOLVED by the Stony Brook Regional Sewerage Authority that it hereby awards a twenty-four-month (24) contract to Albertus Energy, Inc., the lowest responsive bidder for the multiple hearth incinerator de-slagging and cleanout in a total amount of \$68,100.00; and

BE IT FURTHER RESOLVED that the Executive Director, staff and consultants are authorized to take all appropriate measures to ensure that all appropriate documents are provided by the contractor.

Certification of Funds

I, William Chong, Finance Director, do hereby certify that sufficient funds are available in the 2024 budget from line items 5000-4510.

/s/ William Chong
Finance Director

Stony Brook Regional Sewerage Authority
Dated: May 23, 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			

Mr. Smith recommended for approval Resolution 2024-053, Resolution Authorizing Award of Contract for Multiple Hearth Incinerator No. 1 and Durr Regenerative Thermal Oxidizer Repairs. Staff received three bids. The lowest responsible bidder was Albertus Energy, Inc., for the amount of \$109,989.00.

Resolution 2024-053 was moved by Mr. Morehouse, seconded by Mr. Antebi, and passed by a roll call vote of 6 to 0. Resolution 2024-053 follows.

**Resolution Authorizing Award of Contract for
Multiple Hearth Incinerator No. 1 and Durr Regenerative Thermal Oxidizer Repairs**

Resolution No. 2024-053

WHEREAS, the Stony Brook Regional Sewerage Authority (the “Authority”) advertised for the receipt of sealed competitive bids in accordance with the requirements of the Local Public Contracts Law, NJSA 40A:11-1 et seq. for the Multiple Hearth Incinerator #1 and Durr Regenerative Thermal Oxidizer Repairs; and

WHEREAS, the following bids were received by the Authority on May 21, 2024; and

Iron Hills Construction, Inc.	\$216,000.00
Industrial Furnace Company, Inc.	\$168,000.00
Albertus Energy, Inc.	\$109,989.00

WHEREAS, the Authority has determined that the bid of Albertus Energy, Inc., is the low bidder in the amount of \$109,989.00; and

WHEREAS, the bid submitted by Albertus Energy, Inc., in the amount of \$109,989.00 has been reviewed by the Authority and has been determined to be in compliance with the bid specifications in accordance with the Local Public Contracts Law NJSA 40A:11-1 et seq; and

WHEREAS, the Authority desires to award the contract to Albertus Energy, Inc. for Multiple Hearth Incinerator No. 1 and Durr Regenerative Thermal Oxidizer Repairs; and

NOW THEREFORE BE IT RESOLVED, by the Stony Brook Regional Sewerage Authority that it awards the Multiple Hearth Incinerator No. 1 and Durr Regenerative Thermal Oxidizer Repairs contract to Albertus Energy, Inc. in the bid amount of \$109,989.00 as the lowest responsible bidder in accordance with the Local Public Contracts Law, N.J.S.A. 40A:11-1 et seq.; and

BE IT FURTHER RESOLVED, that the Executive Director, staff and consultants are authorized to take all appropriate measures to ensure that all appropriate documents, are provided by the Contractor and to take all measures necessary to effectuate the terms of this Resolution and;

BE IT FURTHER RESOLVED, that this Resolution shall take effect as provided by law.

Certification of Funds

I, William Chong, Finance Director, do hereby certify that sufficient funds are available in the 2024 budget from line items 5000-4510.

/s/ William Chong
 Finance Director
 Stony Brook Regional Sewerage Authority
 Dated: May 23, 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 Goldfarb	X			
C. Schuyler Morehouse	X			
Bharat Patel	X			

Mr. Smith recommended for approval Resolution 2024-054, Awarding Contract for Polyaluminum Chloride to George S. Coyne Chemical Company in the amount of \$35,800.

Resolution 2024-054 was moved by Mr. Morehouse and seconded by Ms. Bhosle.

A discussion occurred about the product PACI and the life of the chemical.

Resolution 2024-054 was passed by a roll call vote of 6 to 0. Resolution 2024-054 follows.

Resolution Awarding Contract for Polyaluminum Chloride

Resolution No. 2024-054

WHEREAS, the Stony Brook Regional Sewerage Authority (the “Authority”) advertised for the receipt of sealed competitive bids in accordance with the requirements of the Local Public Contracts Law, N.J.S.A. 40A: 11-1 et seq. for Polyaluminum Chloride; and

WHEREAS, the following competitive bids was received by the Authority on May 22, 2024, as fully set forth below:

<u>Bidder</u>	<u>Bid Price</u>
Univar Solutions USA LLC	\$42,200.00 at \$4.22/gallon
George S. Coyne Chemical Co.	\$35,800.00 at \$3.58/gallon

WHEREAS, the lowest bidder, George S. Coyne Chemical Co. submitted a bid of \$35,800.00; and

WHEREAS, the bid has been reviewed by the Authority to determine compliance with the bid specifications in accordance with the Local Public Contracts Law N.J.S.A. 40A:11-1 et seq. and has been determined to be in order; and

WHEREAS, the Finance Director has certified funds are available in the 2024 Budget Chemical General line account.

NOW, THEREFORE, BE IT RESOLVED by the Stony Brook Regional Sewerage Authority that it hereby awards the contract to George S. Coyne Chemical Co., the lowest responsive bidder for the polyaluminum chloride in a total amount of \$35,800.00; and

BE IT FURTHER RESOLVED that the Executive Director, staff and consultants are authorized to take all appropriate measures to ensure that all appropriate documents are provided by the contractor.

Certification of Funds

I, William Chong, Finance Director, do hereby certify that sufficient funds are available in the 2024 budget from line items 3000-4530.

/s/ William Chong
Finance Director
Stony Brook Regional Sewerage Authority
Dated: May 23, 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			

633.18 Open to the Public

Chairman Downey opened the public portion of the meeting at 8:05 p.m. Hearing no comments from the public, Chairman Downey closed the meeting to the public at 8:06 p.m. and continued as scheduled.

633.19 And such other issues as may come before the Board

There was nothing to report.

633.20 Adjournment

As no further business was to come before the Board, the meeting was adjourned at 8:18 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
June 11, 2024