

Minutes of Meeting No. 627, December 18, 2023 – 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

627.01

Dr. Downey opened the regularly scheduled meeting at 6:31 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.

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

627.04 Finance

Mr. Goldfarb moved Resolution 2023-141, to Approve Payment of Bills and Claims in the amount of \$1,010,785.31 with two signatures instead of three. The motion was seconded by Mr. Patel and 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. 2023-141

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 \$1,010,785.31 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

Treasurer's Report

Mr. Chong reported a net income of \$3,211,181 for the 2023 fiscal year-to-date through November 30, 2023. The Authority has total cash and investments of \$21,707,753. The current construction project balance is \$1,143,429. There are sufficient funds for these projects. The outstanding bond principal balance is \$13,141,814.

Monthly Sludge Business Analysis

Mr. Chong reported that the net income figure for November was \$84,363, and the cumulative net income for the fiscal year was \$1,350,473.

Mr. Chong recommended for approval of Resolution 2023-140, Authorizing the Award of a “No Political Contribution Allowed” Contract for the FY 2023 Audit to Weilkotz & Company for an estimated total fee of \$22,000. Weilkotz & Company was ranked the highest of all the proposals received.

The Finance Committee convened to address the selection of a CPA firm. Mr. Goldfarb conveyed that Weilkotz & Company has a comprehensive portfolio of municipal and authority clients. The total fee is approximately the same amount we have been paying for the last five (5) years. The term is initially set for one (1) year, with the option for renewal in subsequent years contingent upon their success and our satisfaction with their services.

Resolution 2023-140 was moved by Mr. Goldfarb, seconded by Ms. Bhosle, and passed by a roll call vote of 6 to 0. Resolution 2023-140 follows.

**Resolution Authorizing the Award of a “No Political Contribution Allowed”
Contract for the FY 2023 Audit to Weilkotz & Company**

Resolution No. 2023-140

WHEREAS, N.J.S.A. 40A:5A-1 5 requires the governing body of each local authority to cause an annual audit of its accounts to be made and

WHEREAS, the Stony Brook Regional Sewerage Authority (the "Authority") is in need of auditing services to be performed on the Financial Statements of the Authority for the fiscal year ending November 30, 2023; and

WHEREAS, Weilkotz & Company has submitted a proposal indicating they will provide auditing services to the Authority for the fiscal year ending November 30, 2023, for a fee not to exceed \$22,000.00; and

WHEREAS, the services to be rendered are to be performed by persons authorized by law to practice a recognized profession within the definition of a professional service pursuant to N.J.S.A. 40A:11-5; and

WHEREAS Weilkotz & Company has completed and submitted a Business Entity Disclosure Certification, which certifies that Weilkotz & Company has not made any reportable contributions to a political or candidate committee in the Stony Brook Regional Sewerage Authority service area, Mercer County, and Middlesex County in the previous one year, and that the contract will prohibit Weilkotz & Company 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 Fiscal Audit line account 1000-4005.

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

- 1. That the Executive Director is hereby authorized to execute a professional services agreement between Weilkotz & Company and the Stony Brook Regional Sewerage Authority, for the performance of the FY 2023 audit for the year ending November 30, 2023, as described herein, in an amount not to exceed \$22,000.00 without further authorization.
- 2. Notice of the within action shall be provided in accordance with N.J.S.A. 40A:11-5(1)(a)(i).
- 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			
David A. Goldfarb	X			
Julian Antebi	X			
Arundhati Bhosle	X			
C, Schuyler Morehouse	X			
Bharat Patel	X			

Mr. Chong recommended the approval of Resolution 2023-142 to Adopt Participants’ Estimated 2024 Charges. These amounts are based on the 2024 fiscal year adopted budget and allocated to the members based on the previous five-year average flows (2019-2023).

Resolution 2023-142 was moved by Mr. Goldfarb and seconded by Ms. Bhosle.

Mr. Chong reported that he would set up a meeting with the participants' CFOs to discuss and review the 2024 participant fees.

Resolution 2023-142 was passed by a roll call vote of 6 to 0. Resolution 2023-142 follows.

Resolution to Adopt Participants' Estimated 2024 Charges

Resolution No: 2023-142

BE IT RESOLVED by the Stony Brook Regional Sewerage Authority on December 18, 2023:

1. Pursuant to Section 609(2) of the Bond Resolution, the Authority adopted an Annual Budget of Operating Expenses in the amount of \$19,966,273 for its fiscal year 2024 which commences December 1, 2023. A copy of the Annual Budget, as adopted, has been promptly filed with the Trustee and the Consulting Engineer.
2. Pursuant to Section 406(B) of the Amended Service Contract, the Authority is required to estimate the "Net Annual Cost" for the ensuing fiscal year. For this purpose, "items of expense" are \$19,966,273; "items of receipt" are \$3,422,035, and appropriation from retained earnings is \$1,600,000. The "Net Annual Cost" which the Authority will use for computing the "Base Charge" is \$14,944,238.
3. Pursuant to Section 406(B) of the Amended Service Contract, the Authority, on or before December 15, is required to estimate the "Annual Charge" for each participant for the ensuing fiscal year. The "Annual Charge" is composed of (a) the "Base Charge" (b) the "Connecting Installment" and (c) the modified "Project Debt Service Adjustment". The "Connecting Installment" was included for the years 1984 to 1993 and no longer applies. The last "Project Debt Service Adjustment" was in 2022 and is no longer applicable.
 - (a) The "Base Charge" is figured by allocating the "Net Annual Cost" among the participants in accordance with the Authority's estimate of each participant's expected proportion of actual flow for the ensuing fiscal year (FY).
 - (i) The Authority hereby adopts the following 2023 percentages estimate based on five (5) years of average flow as the allocation figures to be used for 2024 FY:

Princeton	33.22%
South Brunswick Township	38.98
West Windsor Township	23.20
Hopewell Borough	1.76
Pennington Borough	2.84
 - (ii) Applying these allocation percentages to the estimated "Net Annual Cost" produces the "Base Charge" component of the "Annual Charge" as shown below:

Princeton	\$ 4,964,476
South Brunswick Township	5,825,264
West Windsor Township	3,467,063
Hopewell Borough	263,019
Pennington Borough	424,416
TOTAL	\$14,944,238

<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 approval of Resolution 2023-143, Authorizing the Emergency Procurement of Services in Response to the Belt Filter Press No. 3 Feedline Break. This emergency procurement of services concerns the work required to clean up the affected area and offices. The emergency procurement report was provided in the Finance report.

Resolution 2023-143 was moved by Mr. Goldfarb and seconded by Mr. Morehouse.

Mr. Chong indicated that CNA Qual-Lynx was notified of the sludge pipe break that caused sludge accumulation in the Administration Building at the River Road Wastewater Treatment Plant. The adjuster was onsite to evaluate the situation.

Mr. Smith reported that the emergency cleanup of the lobby area, conference room, and administration office is underway. Staff are obtaining quotes for the restoration and replacement of the damaged spaces. The space should be workable by the Spring.

A discussion occurred regarding the damage caused by the Belt Filter Press No. 3 Feedline break.

Resolution 2023-143 was passed by a roll call vote of 6 to 0. Resolution 2023-143 follows.

**Resolution Authorizing the Emergency Procurement of Services
in Response to the Belt Filter Press No. 3 Feedline Break**

Resolution No. 2023-143

WHEREAS, an emergency situation developed, which could not have been reasonably foreseen, with respect to the need to clean up the lobby area, conference room, administration offices, and laboratory office following a sludge pipe break that caused accumulation of sludge in the Administration Building at the River Road Wastewater Treatment Plant; and

WHEREAS, the Authority has reviewed the attached Emergency Procurement Report prepared by the Plant Manager, regarding the emergency procurement of services in connection with the work required to clean up the affected area and offices; and

WHEREAS, pursuant to the Local Public Contracts Law, N.J.S.A. 40A:11-6, a contract may be awarded without public advertising for bids and bidding when an emergency affecting the public health, safety, or welfare requires the immediate performance of the services; and

WHEREAS, the Authority is satisfied that, for the reasons articulated in the Emergency Procurement Report prepared by the Plant Manager, attached hereto and made a part hereof, the proposed emergency procurement is justified and meets the requirements of the Local Public Contracts Law, N.J.S.A. 40A:11-6, and regulations promulgated thereto, N.J.A.C. 5:34-6.1; and

NOW, THEREFORE, BE IT RESOLVED BY THE STONY BROOK REGIONAL SEWERAGE AUTHORITY AS FOLLOWS:

The Authority declares that an emergency exists with respect to the immediate need to clean up the affected areas in the Administration Building at the River Road Wastewater Treatment Plant as further described in the attached Emergency Procurement Report prepared by the Plant Manager, which emergency requires the immediate emergency procurement of services in order to protect public health, safety, and welfare.

1. The Acting Executive Director is authorized to execute a Contract without public advertising for bids and bidding in accordance with N.J.S.A. 40A:11-6 and N.J.A.C. 5:34-6.1, with First Onsite with an estimated amount of \$32,000.00 for the provision of emergency services to clean up the affected areas in the Administration Building. Subsequent phases of work, including repair and renovation, will be procured in accordance with the Local Public Contract Law at a later date.
2. A Contract shall not be executed unless there is proof of the contractor's New Jersey Business Registration, Certificates of Insurance, together with all documents required by law.
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			

Mr. Chong recommended approval of Resolution. 2023-144, to Appoint a Public Agency Compliance Officer for the 2024 Calendar Year. This is to comply with the Authority's Affirmative Action requirement.

Resolution 2023-144 was moved by Mr. Goldfarb, seconded by Mr. Patel, and passed by a roll call vote of 6 to 0. Resolution 2023-144 follows.

**Resolution of the Stony Brook Regional Sewerage Authority
to Appoint a Public Agency Compliance Officer
for 2024 Calendar Year**

Resolution No.: 2023-144

BE IT RESOLVED, by the Stony Brook Regional Sewerage Authority (the “Authority”) that Lisa Walker, the Qualified Purchasing Agent of the Authority, be and is hereby appointed to serve as the Authority's Public Agency Compliance Officer (“PACO”) for the 2024 calendar year to fulfill the requirements of the Affirmative Action Office, Department of the Treasury of the State of New Jersey.

<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. Goldfarb asked about the encumbrance expenses for 2023.

Mr. Chong reported that he will present the revised November 30, 2023, financial report that includes all the encumbrances for 2023 at next month’s Board meeting.

627.02 Approval of Minutes

The minutes from the November 13, 2023, Board meeting were approved as presented on a motion by Mr. Antebi, seconded by Ms. Bhosle, and passed by a unanimous vote, with Mr. Morehouse abstaining since he did not attend the November Board meeting.

627.03 Open to the Public

Chairman Downey opened the public portion of the meeting at 6:52 p.m., hearing no comments from the public; the meeting was closed to the public at 6:53 p.m. and continued as scheduled.

627.05 Board Related Activities

Mr. Smith reported that there are two (2) consultant contracts for approval. One was approved in the Finance for Weilkotz & Company, and the second is for Kleinfelder, which will be discussed in the Construction section of the meeting.

627.06 Planning and Administration

Mr. Smith reported that the current 12-month average daily flow at the River Road WWTP is 9,478,055 gpd with 1,505,820 gpd of inoperative flow, leaving an available capacity of 2,076,125 gpd. The current 12-month average daily flow at the Hopewell WWTP is 247,801 gpd with zero gpd of inoperative flow, leaving an available capacity of 52,199 gpd. The current 12-month average daily flow at the Pennington WWTP is 262,202 gpd with 24,183 gpd of inoperative flow, leaving an available capacity of 158,615 gpd.

Mr. Smith reported that flow meter certifications were completed by staff on December 4, 2023. All flow meters were within $\pm 5\%$.

The Summary of the Meter Summation vs. River Road WWTP Influent Meter indicated a difference of 21.2%, with the River Road Influent Meter reading higher.

A discussion occurred regarding the River Road Influent Flow Meter readings.

627.07 Approval Requests and Actions

Mr. Doelling reported that T&M Associates has submitted a TWA application on behalf of Boston Properties L.P., for the proposed renovation and site improvements to building 105 at Carnegie Center East. The existing building on the project site is to be renovated from office to mixed research laboratory and office use. The proposed on-site improvements include new utilities, parking improvements, and the installation of nitrogen and hydrogen tanks outside the building. The total existing building floor area = 67,858 SF. The proposed Office gross floor area = 23,383 SF. The proposed Laboratory gross floor area = 35,075 SF.

The proposed development will result in a projected new-use sewage flow rate for of 7,768 gpd.

Staff recommends approval of Resolution 2023-138 Authorizing Endorsement of Application for Treatment Works Approval Statement of Consent for Carnegie Center East – Building 105; Block 9, Lots 71; Township of West Windsor, Mercer County.

Resolution 2023-138 was moved by Mr. Morehouse, seconded by Ms. Bhosle, and passed by a roll call vote of 6 to 0. Resolution 2023-138 follows.

**Resolution Authorizing Endorsement of Application for Treatment Works Approval
Statement of Consent for Carnegie Center East – Building 105; Block 9, Lots 71;
Township of West Windsor, Mercer County**

Resolution No. 2023-138

WHEREAS, an application for Treatment Works Approval has been submitted to Stony Brook Regional Sewerage Authority (SBRSA) by T&M Associates, Inc., on behalf of Boston Properties, L.P., for the sanitary sewer improvements associated with the renovation and site improvements to building 105 at Carnegie Center East; 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 5,430 gpd of new sewage flow; and,

WHEREAS, per SBRSA’s amended resolution affirming terms for treatment works approval permit applications (Resolution No. 2023-073), projects with a flow rate greater than 2,000 gallons per day (gpd) and less than 8,000 gpd and do not require a sewer extension and NJDEP approval in accordance with the NJAC regulations, must obtain approval from SBRSA by submitting a TWA application; and,

WHEREAS, 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, this project was approved by the West Windsor Township Planning Board on April 19, 2022; and,

WHEREAS, since the net increase in flow from the property is less than 2,000 gpd, the Township Code does not require it to go through Township Council for allocation and endorsement; and,

WHEREAS, the Township Engineer agreed to endorse the application, Form WQM003-T, as Township Engineer, having the Planning Board resolution as the proof of Township support of the project; and,

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 5,430 gpd of new project flow in accordance with the N.J.A.C. Projected Flow Criteria.

The Executive Director of SBRSA is authorized and directed to execute the Treatment Works Approval (TWA-1 Application) Form WQM003-T in accordance with the SBRSA Resolution adopted August 21, 1984.

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 as Amended July 24, 2023.

<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 on November 27, 2023, Princeton University began a planned flush of section 3A in its geo-exchange system. The flush is anticipated to take approximately two weeks and will discharge 8,000 gpd to the sanitary sewer system.

627.08 Regulatory Report

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

Discharge Monitoring Report (DMR)

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

The Discharge Monitoring Reports for November are currently being prepared.

Residuals Discharge Monitoring Report (RDMR)

The September 2023 RDMRs were submitted. All River Road parameters were in compliance with the Air Permit requirements.

The October 2023 RDMRs are currently being prepared.

Air Reporting

On November 12, 2023, the Emergency Bypass opened due to a commercial power outage. PSE&G acknowledged the power outage, indicating that “a connector failure caused a phase of the primary to open.” The EPA, NJDEP, USDOJ, and NJOAG were notified of the incident via email within 72 hours (as required by the 2022 Consent Decree). An affirmative Defense letter and the consent decree required a follow-up report to be sent to the EPA, NJDEP, USDOJ, and NJOAG on November 21, 2023.

627.09 Safety

Mr. Smith stated that the Authority continues to engage the services of a safety consultant, emphasizing the consultant's importance to the Authority. This safety consultant participates in Safety Committee meetings.

Mr. Doelling stated that the employees will be retrained in Ladder Safety/Walking & Working Surfaces.

There were no Board member comments on the Safety Report. The following Safety Report is included in the meeting minutes for information.

Accidents

On November 29, 2023, while taking a liquid sludge delivery, a sludge receiving operator tripped over a tanker truck hose and fell, resulting in a fractured left arm and a minor laceration near his left eye. The employee was voluntarily transported to the hospital by another SBRSA employee after receiving first aid.

As of December 12, 2023, Stony Brook Regional Sewerage Authority has gone 13 consecutive days without any "Lost Time" accidents.

Staffing

One employee is on workers' compensation due to injuries from an accident.

Inspections

On November 29 and December 7, 2023, all upstream and downstream fire extinguishers were inspected and tagged by Survivor Fire and Safety Equipment Co. Inc.

On November 30, 2023, Survivor Fire and Safety Equipment Co. Inc. performed fire hydrant flow tests to satisfy the 5-year inspection requirement. All fire hydrants passed.

On December 7, 2023, the 5-year sprinkler system internal inspection test was completed by Survivor Fire and Safety Equipment Co. Inc.

Training:

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

- MEL Risk Management for Managers and Supervisors

Miscellaneous

A Safety Committee meeting was held on December 12, 2023. The minutes from this meeting, as well as the minutes from the meeting on November 14, 2023, were provided in the Safety report.

627.10 Litigation

Ms. Alexander reported that as the River Road STP UV system went online on August 15, 2022, SBRSA's NJPDES Permit was modified on September 19, 2023, to remove CPO, BDCM, and CDBM (Chlorination Byproducts) effluent limits. Efforts to resolve the remaining contested issues (blending/plant protection line and nitrates effluent limitations) continue. The next status update to Judge Caliguire is due February 13, 2024.

627.11 Operations Report

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

Mr. Stewart reported that on October 16, 2023, NJDEP Enforcement was onsite to conduct their annual inspection of the regional pumping stations and collection system. An audit of supporting data for the system's operation and maintenance was also conducted. The initial audit found no major outstanding issues.

Mr. Stewart reported that during the summer of 2022, a Harmful Algal Bloom (HAB) occurred in the Millstone River. This HAB was connected to low flow conditions and the presence of nutrients within the river. NJDEP contacted the Authority in 2022 and early 2023 to develop a plan to minimize phosphorus loading from the River Road WWTP during low flow conditions in Millstone River. The Authority contacted One Water, LLC to aid in developing a permit modification that will satisfy both NJDEP and the Authority. At this time, the River Road WWTP permit has an action level, which will be triggered when certain conditions are present. These conditions are during the months of May through October (permitted summer period) when the Millstone River at the Blackwells Mills USGS station measures the daily average flow below 100 cubic feet per second (cfs). When this condition occurs, the River Road WWTP is to begin utilizing phosphorus removal treatment and must obtain lab data showing the plant effluent is below 1.0 mg/l total phosphorus (TP) weekly average within one (1) week. This Action Level will take effect on July 1, 2024.

In preparation for the upcoming phosphorus Action Level, the Authority is conducting a trial of an onsite chemical feed system. A draft study by Kleinfelder (KLF), dated February 2023, was used as the basis for the fall 2023 trial for TP removal. The chemical trialed, Polyaluminium Chloride 2040 (PACL CES-2040), is a coagulant used to reduce Total Suspended Solids (TSS) and chemically precipitate phosphorus from the plant effluent.

Dosing PACL 2040 started on November 16, 2023, at Structure No. 2. The flow at this location is composed of Nitrification Aeration effluent prior to sedimentation. The feed rate was set initially at 300 gpd based on the draft study recommendations by KLF. Over the following days,

the plant effluent TP dropped from over 3.0 mg/l to approximately 1.7 mg/l. An additional Nitrification Settling tank was then put into service to increase detention time with little success in reducing the TP. The dose was increased to 450 gpd, bringing the TP down to 1.20-1.30 mg/l. At that time, the feed point at Structure No. 2 was found to have insufficient mixing. The feed point was moved to the effluent weir of Nitrification Aeration Tank No. 2. The added mixing at the weir increased TP removal, and the effluent TP concentration was in the range of 1.0-0.80 mg/l. The feed point was again moved to the effluent weir of Nitrification Aeration Tank No. 1. From this point, the effluent channel flows into the Nitrification Aeration tank No. 2 channel and then to Structure No. 2. This additional mixing brought TP concentrations in the effluent to 0.50-0.70 mg/l at a PACL dosing rate of 450 gpd. The chemical ran out on November 26, 2023. A second delivery of PACL 2040 is scheduled, which will allow further testing.

Mr. Stewart reported on November 28, 2023, that the Disc Filter Building was placed into service as part of Contract 19-2 River Road Wastewater Treatment Plant UV Disinfection and Effluent Filtration Project. As part of the project, the filters had to undergo stress testing to ensure that the capture rates and solids handling met the project specifications. The stress testing was to be conducted over a 24-hour period, with the solids on the influent being approximately 20 mg/l and the effluent solids being less than 5 mg/l. To conduct this testing, sludge was pumped from Structure No. 3, the splitter box for the Nitrification Settlers. The pumped sludge was then mixed with the Nitrification Settler effluent to bring the solids from approximately 5 mg/l to the desired 20 mg/l.

The initial testing took place on November 28, 2023, but had to be canceled only a few hours into the 24-hour test as the filters experienced rapid fouling of the backwash pump filters. The disc filter manufacturer's representatives adjusted the settings within the filter control panels and thoroughly cleaned the filters and backwash system. The filters were placed back into service for the remainder of the week and the following weekend with no major issues arising.

On December 4-5, 2023, the stress test was conducted a second time. During this second 24-hour test, the disc filter representative was onsite for the entirety of the test, and no major issues arose during this period. The testing result was that the effluent Total Suspended Solids (TSS) was 3.8 mg/l with a target of less than 5 mg/l. The filter influent sampler experienced a fault during the test and was not able to collect all necessary samples. A grab sample was collected from Structure 6, which then flowed to the filter influent, and the TSS was 24.2 mg/l. Minor adjustments continue to be made to both the filters and control systems to meet the operation's needs. As of this report, the filters are operating as expected with no issues.

Upstream Facilities

Both Upstream Facilities operated well during this reporting period.

Mr. Stewart reported that on November 15, 2023, the annual Compliance Evaluation and Assistance Inspection was conducted by NJDEP enforcement for the Hopewell WWTP. A report of that inspection is forthcoming. During the inspection, no deficiencies or violations were noted.

Odors

Staff received no odor complaint from our surrounding area during November 2023. The total number of odor complaints received year to date is two (2). Staff received no odor complaints during the partial December 2023 reporting period. The total number of December odor complaints will be reported in January 2024. The odor complaints appear on the provided graph showing the yearly complaints received from January 1998 to December 2023.

Customer Sludge Deliveries

The reported quantity of liquid sludge was 14% below the budgeted amount, sludge cake was 11% below the budgeted amount, and gray water was 25% above the budgeted amount for November 2023.

627.12 Maintenance

Mr. Stewart reported that the Millstone Pump Station lost power on November 27, 2023, at 4:57 AM. The generator was activated, providing power to equipment at the 85 Lower Harrison Street facility. The on-call maintenance mechanic was promptly notified and dispatched to assess the cause of the commercial power failure. Upon arrival, the mechanic observed that the utility pole responsible for supplying three-phase commercial power to the Millstone Pump Station substation had sustained damage, causing failure at the termination point.

The River Road Plant Lead Operator immediately contacted PSE&G and dispatched a line technician to the site. Upon arrival, the PSE&G technician requested the Millstone Pump Station primary switchgear to be disconnected and grounded for safety measures. Scott Testing was then notified, and they facilitated the isolation of the 13,200-volt primary to allow for the necessary repairs to the utility pole terminations.

After thoroughly testing all connections, the main breaker was closed, and the Millstone Pump Station was successfully switched back to commercial power at 5:05 pm on November 27, 2023.

There were no other board members' comments on the maintenance report. The following Maintenance Report is included in the meeting minutes for information.

Work Order/Preventative Maintenance Order Summary

Maintenance completed 77 work orders and 107 preventative maintenance orders. Currently, there are twenty (20) open work order requests and ten (10) outstanding preventative maintenance orders that are five (5) days overdue on average. Open work orders and outstanding preventative maintenance orders were illustrated on the graphs provided in the report.

Major Maintenance Repairs

On November 8, 2023, the Pennington WWTP UV System A, one of the two Ultraviolet

Disinfection in-line reactors, was temporarily removed for scheduled maintenance. A notification on the UV control screen indicated that the six UV lamps in the system had reached ten thousand (10,000) hours of operating lamp life. The UV lamps, quartz sleeves, wipers, and seals should be replaced upon reaching this operating limit. After locking out and draining the reactor, the lamps and outer quartz sleeves with seals were replaced. The automatic wiper system was also disassembled, and a maintenance kit was installed. Once the maintenance tasks were completed, a leak check was performed. Calibration followed, and the operating hours were reset to zero. On November 8, 2023, UV System A was returned to service.

On November 28, 2023, the operator at the Hopewell WWTP notified the Maintenance Department of a failure with the Primary Treatment Tank side two wasting valve No. 3. The submerged six-inch valve would not close, leading to continuous emptying of the tank into the sludge waste chamber. Immediate action was taken as the tank was isolated and drained, with the sludge collector being securely locked and tagged out. Before entry, the tank underwent thorough hosing and cleaning in preparation for repair.

The cast iron six-inch flanged gate valve was disassembled from the piping, along with a cast iron flanged tee and spool connecting pipe. Due to the poor condition of the fittings, a decision was made for a complete replacement. A six-inch gate valve was sourced from inventory, and a tee was selected for the piping replacement. All new flange hardware, along with new flange gaskets, was then installed. Upon completion of the piping installation, the remote valve wheel operator was modified, installed, and tested.

The damaged piping and parts were hoisted from the tank, and the new six-inch valve was securely closed. The influent valve for Primary Treatment Tank side two was opened, allowing the tank to fill. Subsequently, the sludge collector was unlocked and energized. On November 30, 2023, the Primary Tank side two wasting valve No. 3 was successfully put back online.

On the night of December 6th, 2023, at 11:00 pm, the Belt Filter Press No. 3 experienced a failure in its six-inch sludge feed piping, which separated at a fitting connection located above the drop ceiling over the corridor near the front office restrooms. Thickened sludge leaked into the corridor, reaching every office from wall to wall, including the conference room, printer room, and kitchen. The extent of the damage went unnoticed until the shift operator discovered it at 12:00 pm.

The thickened sludge pumps were immediately shut down, and the Plant and Maintenance Managers were notified, arriving within the hour to assess the situation. All offices were inspected and found to have two to three inches of sludge covering the floors and lower walls. Clean-up and sludge removal commenced, and the acting Executive Director was notified of the workspace conditions for front office personnel.

Upon evaluation, it was decided to engage a remediation service, and First Onsite was contacted to assess the damage and outline the necessary steps for prompt clean-up and restoration of the affected areas. The piping repair will be addressed when access is available, and parts are acquired.

627.13 Construction Report

Mr. Doelling reported that there is a Request for Proposals (RFP) to evaluate dewatering system alternatives for the replacement (and/or refurbishment) of SBRSA's three Belt Filter Presses (BFP) was distributed to four engineering consulting firms on September 27, 2023. One proposal was received on November 14, 2023. The proposal was provided in the report. The study will focus on four dewatering technology options with improved performance, availability of parts, and a demonstrated maintenance/repair record. Additionally, staff will observe a demonstration of selected liquid sludge dewatering technologies. Staff reviewed the proposal and recommended approval of Resolution No. 2023-132, Authorizing the Award of a "No Political Contributions Allowed" Contract to Kleinfelder, Inc. for Conducting a Belt Filter Press Replacement Study for the River Road Wastewater Treatment Facility. The contract amount of \$119,740 will be billed on a lump sum basis.

Resolution 2023-132 was moved by Mr. Antebi, seconded by Mr. Patel, and passed by a roll call vote of 5 to 0, 1 abstained.

Resolution Authorizing the Award of a "No Political Contributions Allowed" Contract to Kleinfelder, Inc. for Conducting a Belt Filter Press Replacement Study for the River Road Wastewater Treatment Facility

Resolution No. 2023-132

WHEREAS, the Stony Brook Regional Sewerage Authority currently operates three (3) Belt Filter Presses (BFP) manufactured by Ashbrook; and,

WHEREAS, BFP Nos. 1 and 2 were installed in 1997 and BFP No. 3 was installed in 2005.

WHEREAS, the BFP requires frequent maintenance due to continuous operation and exposure to corrosive liquid and Hydrogen Sulfide (H₂S) gas; and,

WHEREAS, replacement parts for all three presses must be special-ordered, have long delivery times, and are generally becoming more difficult to purchase; and,

WHEREAS, an evaluation of replacement with same or new dewatering technology, focused on the technology's improved dewatering performance, availability of parts, and its demonstrated maintenance/repair record is necessary; and,

WHEREAS, the Finance Director has determined and certified in writing that the value of the study will exceed \$17,500; and,

WHEREAS, Kleinfelder has submitted a detailed proposal dated November 14, 2023 outlining the tasks included in the Belt Filter Press Replacement Study; and

WHEREAS, Kleinfelder has submitted an Agreement indicating they will provide the Belt Filter Press Replacement Study for a lump sum fee not to exceed \$119,740 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>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 SBRSA staff, One Water Consulting (OWC), and the SBRSA Counsel met on December 6, 2023, to discuss the future NJPDES nitrate limits for the River Road Wastewater Treatment Plant (effective in January 2025). OWC recommended that a study be performed under the FY2024 professional services agreement to perform water quality modeling, which could assist SBRSA in future nitrate limit negotiations. The proposal is currently under review.

A discussion occurred about the water quality modeling study and the related cost-benefit related to nitrate limit.

Mr. Smith reported that once SBRSA staff has reviewed the findings of the water quality modeling study, a proposal will be brought to the Board for further review and consideration.

There were no other Board member comments on the Construction Report. The following Construction Report is included in the meeting minutes for information.

Studies/General

River Road WWTP Phosphorous Impact Modeling Study: Staff is waiting for the draft report.

Title V Operating Permit: Staff met with its consultants several times during the month of November to discuss the upcoming response to the NJDEP provided minor modification pre-draft Title V operating permit. Staff provided comments on the draft, including the submission of the requested additional information, on December 1, 2023.

Expansion of River Road Planning Report: Kleinfelder continues to work on this project. Staff anticipates receiving a draft report for review by the end of December.

Contract 23-3: Millstone Force Main Condition Assessment: Pure Technologies installed their self-contained pressure-monitoring device at the Millstone Pump Station, which is needed to record transient pressure events, on November 22, 2023. Data will be collected for approximately 30 days.

River Road WWTP Main Substation Replacement or Rehabilitation Study: Staff met with ELECSYS Engineering Group on December 1, 2023, to review several substation replacement options. The following topics were discussed:

1. Existing and future loads
2. 480V vs. 15kV power distribution
3. Emergency power, generators, and batteries
4. Double-ended vs. single-ended substation
5. Two-feeder primary selective vs. single primary feeder
6. Mineral oil transformer vs. cast-coil transformer

ELECSYS is finalizing a preliminary design report (PDR), which will contain a recommended path forward.

Design

Contract 23-5: Structural Repair of the Sludge Cake Receiving Bin Ramps: 60% drawings and were reviewed by staff. Comments were returned to Kleinfelder's structural engineer on November 9, 2023.

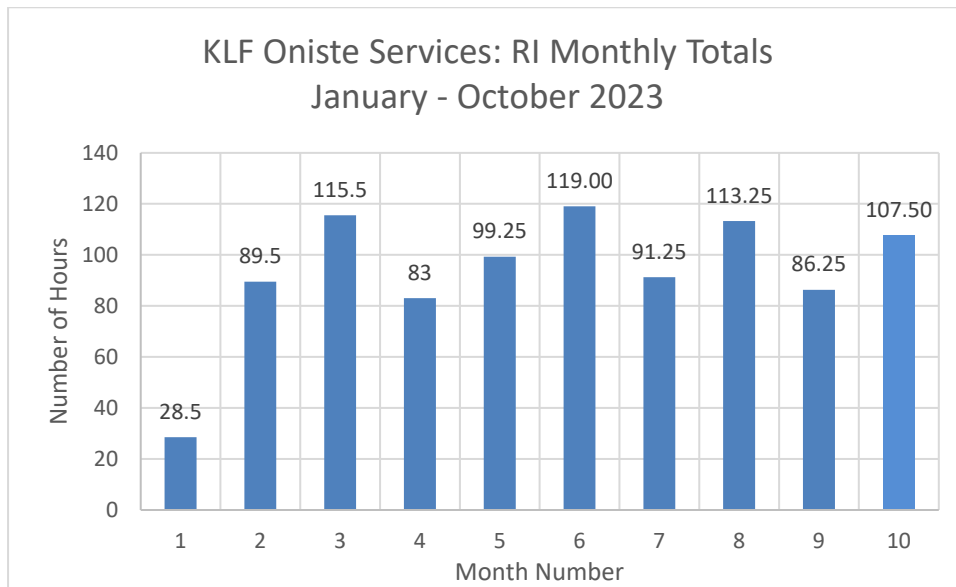
Project 23-7: Engineering Trailer: Work on this project has begun. Kleinfelder met with the municipality of Princeton to review the project. Kleinfelder is assembling the necessary permit documents for review and signatures.

Construction

Contract 19-2 River Road WWTP UV Disinfection and Filtration Project: As of payment application No. 29, the project is approximately 94% complete (by value). During this period, Allied Construction Group (ACG) continues working toward commissioning the disc filter building. Commissioning and testing of the disc filters is currently underway.

Resident Inspection update: November invoicing was not received by the time of this report. An update on the status of the Resident Inspection Services budget through October 29, 2023, is provided. The usual KLF Resident Inspector was on vacation during the 4-week period (October 1 – 29, 2023). Therefore, the reported hours during the month are split between onsite resident inspection services (RI) and on-site technical support (OTS) staff. KLF maintained adequate coverage. During the month of October, SBRSA received 62.75 hours of OTS and 44.75 hours of RI services – a total of 107.5 hours of inspection services. This is in concordance with historical data.

The cumulative KLF onsite time (OTS & RI) remains below the projected budget. During the month of October, we observed an average of 26.87 hours per week. Since the amendment (January 24, 2023), the average time onsite is 24.85 hours per week. Overall, the cumulative KLF onsite time (OTS + RI) is 285 hours below the estimated time needed for RI. Reviewing Resident Inspection (RI) time by itself, KLF is now 462 hours below the estimated cumulative total.



Contract 22-4 Hopewell WWTP Upgrade: On November 27, 2023, SBRSA received authorization to advertise Contract 22-4. The contract was advertised on December 5, 2023. A pre-bid meeting is scheduled for December 21st and bids will be received on January 30, 2024. It is anticipated that this project will be awarded at the Board meeting on February 26, 2024.

Contract 23-1 Replacement of Failed Nitrification Tank Aerator Reducing Gear: The current shipping date of the gearbox is December 12, 2023.

Contract 23-6: Aerzen Blower Replacement: Staff experienced procurement delays. A Purchase

Order for the equipment was issued on December 12, 2023.

Small Capital Projects:

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

Project 23-8: Temporary Phosphorous Control Chemical Addition: SBRSA began testing phosphorous control on November 16, 2023, when the chemical Polyaluminum Chloride (PACL) was successfully mixed into the nitrification tank effluent stream. A detailed discussion of the progress and results from the study will be reported in the Operations Board report.

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
 - Changed the operator keypad display for center shaft drive No. 2 Variable Frequency Drive (VFD)
 - Adjusted the PLC program at the Headworks Building to prevent two grit lift sequences from occurring at the same time.
 - Replaced several UV bank proximity sensors.
 - Replaced the ID fan inlet vane damper (IVD) actuator on Incinerator No. 2.
 - Disconnected power to an abandoned and faulty level sensing equipment at the thickener scum well.
 - Troubleshoot and calibrated the sludge receiving wet well bubbler.
 - Installed new pilot lights on nitrification return sludge pump Nos. 2 and 3.
 - Installed IP security camera in the belt filter press room.
 - Troubleshoot and fixed an issue with an unresponsive WESP Human Machine Interface (HMI)
- Princeton Pump Station
 - Calibrated the low-range flow meter.
 - Changed air compressor hoses for the bubbler system.
 - Replaced VFD filters and two cooling fan motors for the VFDs.
- Millstone Pump Station
 - Removed and replaced conduit boxes for high influent channel level meter.
 - Changed float switches for influent high channel level.
 - Removed and replaced panel alarm for the high influent channel level.
 - Coordinated with IT to ensure proper alarms are shown in SCADA.

Information Technology

General:

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

During this reporting period:

- Three server backups (*svr02*, *svr03*, *svr05*) were checked for corruption and readability. All backups are valid and recoverable.
- Hardware refresh status, 15 workstations deployed to end-users. Six desktops and two laptops are yet to be deployed.
- One of our Virtual Machine Hypervisors had a faulty disk. The replacement was requested from the service contract provider and replaced.
- Of the 7 Helpdesk tickets this period, 0 are outstanding.

Projects:

- **New Filter Building, Communications**
All networking between the Operations Building and Disc Filter Building is complete. IT will integrate the new screens onto the SCADA within the next week.
- **Public Address System Repairs**
There are no changes to report for this period.
- **Pump Stations, Communications upgrades**
There are no changes to report for this period.
- **SCADA Mobile Alert System**
Staff have procured the software WIN911 – installation and configuration are pending.
- **River Road Generator Communications**
IT completed the generator communications connection to the existing industrial network. Screens are in the process of being developed.
- **Surveillance Cameras**
There are no changes to report for this period.
- **TRACE Web**
Staff have scheduled a discussion with Trace Environmental on December 14, 2023, to discuss the data collection issues found in the new WebDAS product.

627.14 Personnel Report

Mr. Smith reported that one (1) employee is out on workers' compensation, as discussed in the Safety section of the meeting.

627.15 Correspondence

For information only.

627.16 Old Business

Nothing to report.

627.17 New Business

Mr. Smith recommended for approval the following resolutions regarding contract renewals:

Resolution 2023-133, Authorizing the Award of a One-Year Liquid Sludge Receiving Contract with Educational Testing Service.

Resolution 2023-134, Authorizing the Award of a One-Year Liquid Sludge Receiving Contract with Firmenich.

Resolution 2023-135, Authorizing the Award of a One-Year Liquid Sludge Receiving Contract with the Veolia Water New Jersey Princeton Meadows, Inc.

Resolution 2023-136, Authorizing the Award of a Two-Year Liquid Sludge Receiving Contract with the South Monmouth Regional Sewerage Authority.

Resolution 2023-137, Authorizing the Award of a Liquid Sludge Receiving Contract with Freehold Cartage, Inc., a one-year contract.

Resolutions 2023-133, 2023-134, 2023-135, 2023-136, and 2023-137 were moved by Mr. Morehouse and seconded by Mr. Antebi.

A discussion occurred regarding the customer's accounts receivable.

Resolutions were passed by a roll call vote of 6 to 0. Resolutions follow.

**Resolution Authorizing the Award of a
One-Year Liquid Sludge Receiving Contract with
EDUCATIONAL TESTING SERVICE**

Resolution No. 2023-133

WHEREAS, the Stony Brook Regional Sewerage Authority (SBRSA) receives liquid sludge and sludge cake at its River Road Wastewater Treatment Plant; (RRWTP) by and through its liquid sludge depot and its sludge cake receiving facilities, respectively; and

WHEREAS, Education Testing Service (ETS), located at 660 Rosedale Rd., Princeton, New Jersey, has a need to dispose of its liquid sludge; and

WHEREAS, ETS has requested an Agreement with SBRSA for the disposal, excluding transportation, of liquid sludge; and

WHEREAS, SBRSA has reviewed this request and has determined that SBRSA is projected to have the capacity and ability to accept liquid sludge from ETS for processing and incinerating at SBRSA's River Road Wastewater Treatment Plant; and

WHEREAS, ETS agrees that liquid sludge will be accepted for disposal at a rate of \$74 per 1,000 gallons; and

WHEREAS, the term of this Agreement will be from January 1, 2024, to December 31, 2024; and

WHEREAS, the SBRSA is desirous of entering into an acceptable agreement for disposal of ETS's liquid sludge; and

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

1. The Chairman is hereby authorized and directed to enter into a contract with Education Testing Service as described herein.
2. This Resolution shall take effect immediately.

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 Education Testing Service.

<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 Authorizing the Award of a
One-Year Liquid Sludge Receiving Contract with
FIRMENICH, Inc.**

Resolution No. 2023-134

WHEREAS, the Stony Brook Regional Sewerage Authority (SBRSA) receives liquid sludge and sludge cake at its River Road Wastewater Treatment Plant; (RRWTP) by and through its liquid sludge depot and its sludge cake receiving facilities, respectively; and

WHEREAS, the FIRMENICH, Inc. located at 250 Plainsboro Road, Plainsboro, New Jersey, has a need to dispose of liquid sludge; and

WHEREAS, FIRMENICH, Inc. has requested an Agreement with SBRSA for the disposal, excluding transportation, of liquid sludge; and

WHEREAS, SBRSA has reviewed this request and has determined that SBRSA is projected to have the capacity and ability to accept liquid sludge from FIRMENICH, Inc. for processing and incinerating at SBRSA's River Road Wastewater Treatment Plant; and

WHEREAS, the FIRMENICH, Inc. agrees that liquid sludge will be accepted for disposal at a rate of \$64 per 1,000 gallons; and

WHEREAS, the term of this Agreement will be from January 1, 2024, to December 31, 2024; and

WHEREAS, the SBRSA is desirous of entering into an acceptable agreement for disposal of liquid sludge; and

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

1. The Chairman is hereby authorized and directed to enter into a contract with the FIRMENICH, Inc. as described herein.
2. This Resolution shall take effect immediately.

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 FIRMENICH, Inc.

<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 Authorizing the Award of a
One-Year Liquid Sludge Receiving Contract with
VEOLIA WATER NEW JERSEY PRINCETON MEADOWS, INC.**

Resolution No. 2023-135

WHEREAS, the Stony Brook Regional Sewerage Authority (SBRSA) receives liquid sludge and sludge cake at its River Road Wastewater Treatment Plant; (RRWTP) by and through its liquid sludge depot and its sludge cake receiving facilities, respectively; and

WHEREAS, VEOLIA WATER PRINCETON MEADOWS, Inc. located at 31 Maple Avenue, Plainsboro, New Jersey, has a need to dispose of its liquid sludge; and

WHEREAS, VEOLIA WATER PRINCETON MEADOWS, Inc. has requested an Agreement with SBRSA for the disposal, excluding transportation, of liquid sludge; and

WHEREAS, SBRSA has reviewed this request and has determined that SBRSA is projected to have the capacity and ability to accept liquid sludge from VEOLIA WATER PRINCETON MEADOWS, Inc. for processing and incinerating at SBRSA's River Road Wastewater Treatment Plant; and

WHEREAS, VEOLIA WATER PRINCETON MEADOWS, Inc. agrees that liquid sludge will be accepted for disposal at a rate of \$57 per 1,000 gallons; and

WHEREAS, the term of this Agreement will be from January 1, 2024 to December 31, 2024; and

WHEREAS, the SBRSA is desirous of entering into an acceptable agreement for disposal of VEOLIA WATER PRINCETON MEADOWS, Inc. liquid sludge; and

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

1. The Chairman is hereby authorized and directed to enter into a contract with VEOLIA WATER PRINCETON MEADOWS, Inc. as described herein.

This Resolution shall take effect immediately.

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 VEOLIA WATER PRINCETON MEADOWS, Inc.

<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 Authorizing the Award of a

**Two-Year Liquid Sludge Receiving Contract with the
SOUTH MONMOUTH REGIONAL SEWERAGE AUTHORITY**

Resolution No. 2023-136

WHEREAS, the Stony Brook Regional Sewerage Authority (SBRSA) receives liquid sludge and sludge cake at its River Road Wastewater Treatment Plant; (RRWTP) by and through its liquid sludge depot and its sludge cake receiving facilities, respectively; and

WHEREAS, the South Monmouth Regional Sewerage Authority, located at 1235 18th Avenue, Belmar, New Jersey, has a need to dispose of its liquid sludge; and

WHEREAS, the South Monmouth Regional Sewerage Authority has requested an Agreement with SBRSA for the disposal, excluding transportation, of liquid sludge; and

WHEREAS, SBRSA has reviewed this request and has determined that SBRSA is projected to have the capacity and ability to accept liquid sludge from the South Monmouth Regional Sewerage Authority for processing and incinerating at SBRSA's River Road Wastewater Treatment Plant; and

WHEREAS, the South Monmouth Regional Sewerage Authority agrees that liquid sludge will be accepted for disposal at a rate of \$55 per 1,000 gallons; and

WHEREAS, the term of this Agreement will be from January 1, 2024 to December 31, 2025; and

WHEREAS, the SBRSA is desirous of entering into an acceptable agreement for disposal of the South Monmouth Regional Sewerage Authority's liquid sludge; and

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

1. The Chairman is hereby authorized and directed to enter into a contract with the South Monmouth Regional Sewerage Authority as described herein.

2. This Resolution shall take effect immediately.

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 South Monmouth Regional Sewerage Authority.

<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 Authorizing the Award of a
Liquid Sludge Receiving Contract with
FREEHOLD CARTAGE, Inc.**

Resolution No. 2023-137

WHEREAS, the Stony Brook Regional Sewerage Authority (SBRSA) receives liquid sludge and sludge cake at its River Road Wastewater Treatment Plant; (RRWTP) by and through its liquid sludge depot and its sludge cake receiving facilities, respectively; and

WHEREAS, FREEHOLD CARTAGE, Inc. (FCI) located at 825 Park Avenue, Freehold, New Jersey, hauling for the Township of Medford, has a need to dispose of liquid sludge; and

WHEREAS, FCI has requested an Agreement with SBRSA for the disposal, excluding transportation, of liquid sludge; and

WHEREAS, SBRSA has reviewed this request and has determined that SBRSA is projected to have the capacity and ability to accept liquid sludge from FCI for processing and incinerating at SBRSA's River Road Wastewater Treatment Plant; and

WHEREAS, FCI agrees that liquid sludge will be accepted for disposal at a rate of \$64 per 1,000 gallons; and

WHEREAS, the term of this Agreement will be from January 1, 2024 to December 31, 2024; and

WHEREAS, the SBRSA is desirous of entering into an acceptable agreement for disposal of liquid sludge; and

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

1. The Chairman is hereby authorized and directed to enter into a contract with FCI as described herein.
2. This Resolution shall take effect immediately.

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 FCI.

<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 2023-145, Authorize Award of Contract for Schwing Pump Parts. This is an annual contract.

Resolution 2023-145 was moved by Mr. Morehouse, seconded by Mr. Antebi, and passed by a roll call vote of 6 to 0.

Resolution to Authorize Award of Contract for Schwing Pump Parts

Resolution No. 2023-145

WHEREAS, Stony Brook Regional Sewerage Authority (the “Authority”) on September 18, 2023 had specified Schwing Pumps parts as original equipment manufacturer proprietary replacement parts; and

WHEREAS, the Authority duly advertised, according to law, for bids for Schwing Pump replacement pump parts on November 8, 2023 and no bids were received; and

WHEREAS, the Authority duly re-advertised, according to law, for bids for Schwing Pump replacement pump parts on November 29, 2023 and one sealed bid was received; and

WHEREAS, Schwing Bioset, located at 350 SMC Drive, Somerset, WI 54025, submitted a price list for the supply of the replacement pump parts specified in the bid specifications, in the manner provided by law; and

WHEREAS, the Authority desires to award a twelve (12)-month contract starting December 1, 2023 to Schwing Bioset for the purchase of Schwing Pump replacement parts; and

WHEREAS, the Finance Director has certified funds are available in the 2024 Budget Spare Parts line account 5000-4525.

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:11-5(3), the Authority hereby finds that a reasonable effort has been made to first determine that the same or equivalent materials or supplies are not available from an agency or authority of the United States, the State of New Jersey, the County of Mercer or any municipality in close proximity; and that the terms, conditions, restrictions and specifications set forth in the negotiated contract are not substantially different from those which were the subject of competitive bidding; and that no minor

- amendment or modification of any of the terms, conditions, restrictions and specifications are proposed to be included in the contract with Schwing Bioset.
2. Stony Brook Regional Sewerage Authority hereby awards a contract for \$488,507.61 to Schwing Bioset for the purchase of replacement pump parts. The contract does not require the purchase of the listed parts; it only guarantees the price for the parts that the Authority may need to purchase. The Executive Director is hereby authorized to execute a twelve (12)-month contract effective December 1, 2023 for the procurement of Schwing pump replacement parts.
 3. The Authority's staff and consultants are hereby authorized to take all other actions necessary or desirable to effectuate the terms and conditions of this resolution.
 4. This resolution shall take effect as provided by law.

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

627.18 Open to the Public

Chairman Downey opened the public portion of the meeting, hearing no comments from the Public; the public portion was closed at approximately 7:35 p.m.

624.19 Executive Session

Dr. Downey asked for a motion to enter an Executive Session.

Resolution 2023-146 was moved on a motion by Mr. Morehouse, seconded by Mr. Antebi, and passed by a roll call vote of 5 to 1. Resolution 2023-146 follows.

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

Resolution No. 2023-146

BE IT RESOLVED by the Stony Brook Regional Sewerage Authority (“Authority”) on this 18th day of December 2023, 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:
 - Matters related to participant interest charges.

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			

Report of Executive Session

A discussion occurred regarding the potential settlement of the outstanding interest payments for participants.

Return to Public Session

The Board returned to Public Session at 8:01 p.m.

627.20 And such other issues as may come before the Board

Resolution 2023-147, Authorizing Settlement of Payment Dispute with Princeton, was moved by Mr. Goldfarb, seconded by Mr. Antebi, and passed by a roll call vote of 6 to 0. Resolution 2023-147 follows.

**RESOLUTION AUTHORIZING SETTLEMENT OF PAYMENT DISPUTE
WITH PRINCETON**

Resolution No.: 2023-147

WHEREAS, the Stony Brook Regional Sewerage Authority (hereinafter the "Authority" or "SBRSA ") is a public corporation organized under the Sewerage Authorities Law, N.J.S.A. 40A:14-1, et seq., and which provides wastewater treatment services pursuant to laws and regulations of the United States Environmental Protection Agency and the New Jersey Department of Environmental Protection to six (6) member municipalities, including Princeton; South Brunswick Township; West Windsor Township; Hopewell Borough; Hopewell Township and Pennington Borough (hereinafter collectively referred to as "Member Municipalities"); and

WHEREAS, pursuant to N.J.S.A. 40:14A-8 of the Sewerage Authorities Law, and in accordance with the terms and conditions of the Amended Service Contract dated November 1, 1977 (hereinafter “Amended Service Contract”), SBRSA is authorized to charge and collect annual and other charges from Princeton for the direct and indirect connection with, or the use or services of, the SBRSA Sewerage System; and

WHEREAS, pursuant to Section 406 of the Amended Service Contract, SBRSA is required, by December 15th annually, to make and deliver to Princeton, SBRSA’s certificate stating the amount of the Annual Charge for the Fiscal Year, and Princeton is required to pay to the SBRSA the Annual Charge in four equal installments on or before February 15th, May 15th, August 15th and November 15th of each Fiscal Year; and

WHEREAS, Princeton did not pay its Annual Charge on or before its due date of November 15, 2022, whereupon SBRSA charged Princeton interest on the amount unpaid pursuant to Section 602 of the Amended Service Contract (hereinafter referred to as “Interest Charges”); and

WHEREAS, Princeton has advanced legal claims and defenses in response to the Interest Charges levied by SBRSA, which claims and defenses SBRSA disputes, and SBRSA and Princeton have entered into discussions seeking to amicably resolve this matter without further expense and without any admission of liability.

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

1. The Acting Executive Director is authorized and directed to resolve this matter provided that Princeton will agree to pay to SBRSA the amount of \$8,828.99 on or before February 15, 2024. This amount represents ten (10) percent per annum interest on the amount unpaid as of November 15, 2022, calculated for a period of thirty (30) days. Interest on any amount of this payment remaining unpaid after February 15, 2024 shall accrue Interest Charges consistent with Section 602 of the Amended Service Contract, however, accrual of Interest Charges shall commence on February 16, 2024. Both SBRSA and Princeton further agree to undertake measures to ensure that, in future, additional notice and communications will be forthcoming regarding Annual Charges such that payments will be submitted so as to avoid the charging of interest charges required pursuant to the Amended Service Agreement. The Acting Executive Director and staff are hereby authorized and directed to take all actions necessary or desirable to effectuate the terms and conditions of this Resolution.
2. 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			

Resolution 2023-147, Authorizing Settlement of Payment Dispute with Pennington Borough, was moved by Mr. Antebi, seconded by Mr. Morehouse, and passed by a roll call vote of 6 to 0. Resolution 2023-148 follows.

**RESOLUTION AUTHORIZING SETTLEMENT OF PAYMENT DISPUTE
WITH PENNINGTON BOROUGH**

Resolution No.: 2023-148

WHEREAS, the Stony Brook Regional Sewerage Authority (hereinafter the "Authority" or "SBRSA ") is a public corporation organized under the Sewerage Authorities Law, N.J.S.A. 40A:14-1, et seq., and which provides wastewater treatment services pursuant to laws and regulations of the United States Environmental Protection Agency and the New Jersey Department of Environmental Protection to six (6) member municipalities, including Princeton; South Brunswick Township; West Windsor Township; Hopewell Borough; Hopewell Township and Pennington Borough (hereinafter collectively referred to as "Member Municipalities"); and

WHEREAS, pursuant to N.J.S.A. 40:14A-8 of the Sewerage Authorities Law, and in accordance with the terms and conditions of the Amended Service Contract dated November 1, 1977 (hereinafter "Amended Service Contract"), SBRSA is authorized to charge and collect annual and other charges from Pennington Borough for the direct and indirect connection with, or the use or services of, the SBRSA Sewerage System; and

WHEREAS, pursuant to Section 406 of the Amended Service Contract, SBRSA is required, by December 15th annually, to make and deliver to Pennington Borough, SBRSA's certificate stating the amount of the Annual Charge for the Fiscal Year, and Pennington Borough is required to pay to the SBRSA the Annual Charge in four equal installments on or before February 15th, May 15th, August 15th and November 15th of each Fiscal Year; and

WHEREAS, Pennington Borough did not pay its Annual Charge on or before its due date of November 15, 2022, whereupon SBRSA charged Pennington Borough interest on the amount unpaid pursuant to Section 602 of the Amended Service Contract (hereinafter referred to as "Interest Charges"); and

WHEREAS, Pennington Borough has advanced legal claims and defenses in response to the Interest Charges levied by SBRSA, which claims and defenses SBRSA disputes, and SBRSA and Pennington Borough have entered into discussions seeking to amicably resolve this matter without further expense and without any admission of liability.

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

1. The Acting Executive Director is authorized and directed to resolve this matter provided that Pennington will agree to pay to SBRSA the amount of \$821.28 on or before February 15, 2024. This amount represents ten (10) percent per annum interest on the amount unpaid as of November 15, 2022, calculated for a period of thirty (30) days. Interest on any amount of this payment remaining unpaid after February 15, 2024 shall accrue Interest Charges consistent with Section 602 of the Amended Service Contract, however, accrual of Interest Charges shall commence on February 16, 2024. Both SBRSA and Pennington Borough further agree to undertake measures to ensure that, in future, additional notice and communications will be forthcoming regarding Annual Charges such that payments will be submitted so as to avoid the charging of interest charges required pursuant to the Amended Service Agreement. The Acting Executive Director and staff are hereby authorized and directed to take all actions necessary or desirable to effectuate the terms and conditions of this Resolution.
2. 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			

627.21 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. Antebi, seconded by Mr. Patel, and passed by unanimous vote.

Respectfully Submitted,

David Smith
Secretary

Recorded and Written by
Angela Christiano
December 11, 2023