

Minutes of Meeting No. 624, September 18, 2023 – Stony Brook Regional Sewerage Authority

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

MEMBERS PRESENT: Downey, Antebi, Goldfarb, Patel

MEMBERS ABSENT: Morehouse

CONSULTANTS: Alexander

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

PUBLIC PRESENT: Carrie Feuer

624.01

Chairman Downey opened the regularly scheduled meeting at 6:30 p.m. Chairman Downey indicated that pursuant to Section 13 of the Open Public Meetings Act, adequate notice of the time, 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 being posted on the Princeton Bulletin Board and the Authority's website.

Dr. Downey directed the meeting to the Finance Section.

624.04 Finance

Mr. Goldfarb moved for approval of Resolution 2023-089, Regarding the Payment of Bills and Claims in the amount of \$642,219.79 with two signatures instead of three. The motion was seconded by Mr. Antebi and passed by a roll call vote of 4 to 0.

Payment of Bills and Claims

Resolution to Approve Payment of Bills and Claims

Resolution No. 2023-089

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 \$642,219.79 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			
David A. Goldfarb	X			
C. Schuyler Morehouse				X
Bharat Patel	X			

Treasurer's Report

Mr. Chong reported a net income of \$2,377,187 for the 2023 fiscal year-to-date on August 31, 2023. The Authority has total cash and investments of \$20,493,843. The current construction project balance is \$1,203,685. 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 August was \$123,675, and the cumulative net income for the fiscal year was \$1,070,770.

Mr. Chong recommended approval of Resolution 2023-090, Certifying Member Review of the 2022 Audit.

Mr. Chong reported that the provided audited financial statements were reviewed by the Finance Committee on August 30, 2023, with Mr. Butvilla, the partner of Suplee, Clooney, and Company.

A discussion occurred regarding the unrestricted cash reserves and items of concern from the audit.

Resolution 2023-090 was moved by Mr. Goldfarb and seconded by Mr. Antebi,

A discussion occurred regarding:

- The financing of projects.
- The terms of the SBRSA Service Agreement with the participants.
- The sludge haulers' payments.

Ms. Alexander reported that Maraziti Falcon continues to attempt to collect payment from a delinquent hauler. A litigation hold letter will be sent to the hauler.

Resolution 2023-090 was passed by a roll call vote of 4 to 0. Resolution 2023-090 follows.

Resolution to Certify Member Review of the 2022 Audit

Resolution No. 2023-090

WHEREAS, N.J.S.A. 40A:5A-15 requires the governing body of each local Authority to

cause an annual audit of its accounts to be made and

WHEREAS, the annual report for the fiscal year ended **November 30, 2022**, has been completed and will be filed with the State of New Jersey, Division of Local Government Services, Department of Community Affairs, Bureau of Authority Regulation, Local Finance Board pursuant to N.J.S.A. 40A:5A-15; and

WHEREAS, N.J.S.A. 40A:5A-17 requires that the governing body of each Authority, within 45 days of receipt of the annual audit, certify by resolution to the Local Finance Board that each member thereof has received the annual audit and has personally reviewed the annual audit report, and specifically the sections of the audit report entitled "**General Comments**" and "**Recommendations**" and has evidenced same by group affidavit in the form prescribed by the Local Finance Board in accordance with N.J.S.A. 40A:5A-17.

NOW, THEREFORE, BE IT RESOLVED that the governing body of the **Stony Brook Regional Sewerage Authority** hereby certifies to the Local Finance Board of the State of New Jersey that each governing body member has personally reviewed the annual audit report for the fiscal year ended **November 30, 2022**, and specifically has reviewed the sections of the audit report entitled "**General Comments**" and "**Recommendations**" and has evidenced same by group affidavit in the form prescribed by the Local Finance Board.

BE IT FURTHER RESOLVED that the Secretary of the Authority is hereby directed to promptly submit to the Local Finance Board the aforesaid group affidavit, accompanied by a certified true copy of 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			
David A. Goldfarb	X			
C. Schuyler Morehouse				X
Bharat Patel	X			

Mr. Chong recommended approval of Resolution 2023-091, Introduction of the 2024 Authority Budget. The resolution to introduce the budget at the August 28, 2023 Board meeting was Resolution 2023-077. Changes to the budget discussed at the August Board meeting required a re-introduction of the 2024 budget. As a result of the budget, Resolution 2023-077 needed to be rescinded.

Mr. Goldfarb moved Resolution 2023-096 to rescind Resolution 2023-077, Introduction of the 2024 Authority Budget, from the August Board meeting, seconded by Mr. Antebi, and passed by a roll call vote of 4 to 0. Resolution 2023-096 follows.

Resolution to Rescind Resolution 2023-077

Resolution No: 2023-096

WHEREAS, the Stony Brook Regional Sewerage Authority approved the 2024 Annual Budget for fiscal year ending November 30, 2024, through Resolution 2023-077 2024 Authority Budget Resolution at the August 28, 2023 Board meeting; and

WHEREAS, the total revenue and total appropriation figures in Resolution 2023-077 have changed, requiring the budget to be re-introduced; and

WHEREAS, Resolution 2023-077 must be rescinded; and

NOW, THEREFORE, BE IT RESOLVED by Stony Brook Regional Sewerage Authority, Resolution 2023-077, as approved at the August 28, 2023 Board meeting, is rescinded.

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

Mr. Goldfarb moved Resolution 2023-091, Introduction of the 2024 Authority Budget, and seconded by Mr. Patel.

A discussion occurred regarding the minor changes from the initially proposed budget. The one significant adjustment is that the participant fees will be lower than initially outlined. The Finance Committee agreed to allocate a portion of the unrestricted funds to lessen the participant fees, resulting in a 3% increase rather than the proposed 5% increase for participants reflected in the proposed budget.

Mr. Chong will schedule a meeting with all participants' Finance Officers and Hopewell Township to review the 2024 budget.

Resolution 2023-091 was passed by a roll call vote of 4 to 0. Resolution 2023-091 follows.

2024 AUTHORITY BUDGET RESOLUTION

**Stony Brook Regional Sewerage Authority
Resolution #2023-091**

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

WHEREAS, the Annual Budget and Capital Budget for the Stony Brook Regional Sewerage Authority for the fiscal year beginning December 1, 2023 and ending November 30, 2024 has been presented before the governing body of the said Authority at its open public meeting on September 18, 2023; and

WHEREAS, the Annual Budget as introduced reflects Total Revenues of \$18,366,273, Total Appropriations, including any Accumulated Deficit if any, of \$19,966,273 and Total Unrestricted Net Position utilized of \$1,600,000; and

WHEREAS, the Capital Budget as introduced reflects Total Capital Appropriations of \$ 3,125,000 and Total Unrestricted Net Position planned to be utilized as funding thereof, of \$ 3,125,000; and

WHEREAS, the schedule of rates, fees and other charges in effect will produce sufficient revenues, together with all other anticipated revenues to satisfy all obligations to the holders of bonds of the Authority, to meet operating expenses, capital outlays, debt service requirements, and to provide for such reserves, all as may be required by law, regulation or terms of contracts and agreements; and

WHEREAS, the Capital Budget/Program, pursuant to N.J.A.C. 5:31-2, does not confer any authorization to raise or expend funds; rather it is a document to be used as part of the said Authority's planning and management objectives. Specific authorization to expend funds for the purposes described in this section of the budget, must be granted elsewhere; by bond resolution, by a project financing agreement, by resolution appropriating funds from the Renewal and Replacement Reserve or other means provided by law.

NOW, THEREFORE, BE IT RESOLVED, by the governing body of the Stony Brook Regional Sewerage Authority, at an open public meeting held on September 18, 2023 that the Annual Budget, including all related schedules, and the Capital Budget/Program of the said Authority for the fiscal year beginning December 1, 2023 and ending November 30, 2024 is hereby approved; and

BE IT FURTHER RESOLVED, that the anticipated revenues as reflected in the Annual Budget are of sufficient amount to meet all proposed expenditures/expenses and all covenants, terms and provisions as stipulated in the said Authority's outstanding debt obligations, capital lease arrangements, service contracts, and other pledged agreements; and

BE IT FURTHER RESOLVED, that the governing body of the Stony Brook Regional Sewerage Authority will consider the Annual Budget and Capital Budget/Program for adoption no later than October 23, 2023.

Governing Body Member:	Recorded Vote			
	Aye	Nay	Abstain	Absent
Gale D. Downey	X			
Julian Antebi	X			
David A. Goldfarb	X			
C. Schuyler Morehouse				X
Bharat Patel	X			

Mr. Chong recommended for approval Resolution 2023-092, Specify Proprietary Replacement Parts for the Schwing Pumps. This resolution is to acknowledge there are no manufacturers other than Schwing Bioaset that fabricate parts that are fully compatible with Schwing Pumps and that the parts are manufacturer specific parts. The current contract that was approved on January 23, 2023, by Resolution 2023-011, will expire November 30, 2023.

Mr. Goldfarb moved Resolution 2023-092, which was seconded by Mr. Patel.

A discussion occurred regarding the certification for the specialized nature of the proprietary equipment needed for SBRSA operations.

Resolution 2023-092 was passed by a roll call vote of 4 to 0. Resolution 2023-092 follows.

Resolution to Specify Proprietary Replacement Parts for the Schwing Pumps

Resolution No: 2023-092

WHEREAS, the Stony Brook Regional Sewerage Authority ("Authority") has determined that its existing Schwing Pumps will require parts replacement; and

WHEREAS, to the Authority's knowledge, there are no manufacturers other than Schwing Bioaset that fabricates parts that are fully compatible with Schwing Pumps; and

WHEREAS, to the Authority's knowledge, the only parts that may be authorized for use in the Authority's Schwing Pumps are manufacturer-specified parts; and

WHEREAS, it is the Authority's experience that manufacturer specified Schwing Pump parts have superior operational performance due to their reliability and compatibility with Schwing Pumps; and

WHEREAS, the Authority has determined that Schwing Bioaset - manufactured parts are of a "specialized nature" because of their unique ability to reliably convey thickened sludge through Schwing Pumps; and

WHEREAS, the use of parts other than those manufactured by Schwing Bioaset will undermine the functionality and operational performance of the exiting Schwing pumps; and

WHEREAS, the Authority has a compelling need to specify the same manufacturer for its spare parts as the Original Equipment Manufacturer; and

WHEREAS, 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, the proprietary designation of Schwing Bioiset-manufactured parts overshadows the public benefit of use of "brand name or equivalent"; and

WHEREAS, the Authority's attorney 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; 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 BOARD OF 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 its Schwing Pump replacement parts is the manufacturer of the equipment, Schwing Bioiset of Somerset, WI.
2. Finance Director has certified funds are available in 2024 budget line account 5000-4525 titled "Spare Parts".
3. This resolution for proprietary equipment shall be made part of the bid documents.

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

Dr. Downey directed the meeting to Open to the Public.

624.03 Open to the Public

Chairman Downey opened the public portion of the meeting at 6:52 p.m.

Ms. Feuer extended her greetings, mentioning that she attended the meeting to honor Ms. Pchola's final Board Meeting before retirement.

The public portion was closed at approximately 6:54 p.m.

624.02 Approval of Minutes

The revised minutes from the August 28, 2023, Board meeting were approved on a motion by Mr. Antebi, seconded by Mr. Patel, and passed by a unanimous vote.

624.05 Board Related Activities

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

The Board agreed to reschedule the October 23, 2023, Board Meeting to October 16, 2023.

624.06 Planning and Administration

Mr. Smith reported the current 12-month average daily flow at the River Road WWTP is 9,086,895 gpd with 1,505,820 gpd of inoperative flow, leaving an available capacity of 2,467,285 gpd. The current 12-month average daily flow at the Hopewell WWTP is 248,408 gpd with zero gpd of inoperative flow, leaving an available capacity of 51,592 gpd. The current 12-month average daily flow at the Pennington WWTP is 259,963 gpd with 24,206 gpd of inoperative flow, leaving an available capacity of 160,831 gpd.

Mr. Smith reported that W.G. Malden completed the quarterly flow meter certifications on September 1, 2023.

All flow meters were within $\pm 5\%$. There were no flow adjustments for the month of August 2023.

The Summary of the Meter Summation vs. River Road WWTP Influent Meter indicated a difference of 0.10%, with the River Road Influent Meter reading lower.

624.07 Approval Requests and Actions

Mr. Doelling reported that a Water Quality Management Plan (WQMP) Amendment was noticed on September 5, 2023, in the New Jersey Register for the Moore Residence located at 106 Hopewell Rocky Hill Road (Block 8, Lot 66), Hopewell Township, Mercer County.

Staff recommended approval of Resolution 2023-094, Denying Consent to the Proposed Amendment of the Water Quality Management Plan and County Wastewater Management Plan Relative to the Moore Residence, 106 Hopewell Rocky Hill Road, Hopewell Township, at This Time.

Dr. Downey indicated that this property would need sewer service from Hopewell Borough and, at this time, had not given consent. The service rules require that a participant, in this case, Hopewell Borough, must provide consent.

Resolution 2023-094 was moved by Mr. Goldfarb and seconded by Mr. Patel.

A discussion occurred regarding service rules. This discussion will continue in the Executive Session.

Resolution 2023-094 was moved by Mr. Goldfarb, seconded by Mr. Patel, and passed by a roll call vote of 4 to 0. Resolution 2023-094 follows.

Resolution Denying Consent to The Proposed Amendment of The Water Quality Management Plan and County Wastewater Management Plan Relative to the Moore Residence, 106 Hopewell Rocky Hill Road, Hopewell Township, at This Time

Resolution No. 2023-094

WHEREAS, the Water Quality Management Planning Rules (N.J.A.C. 7:15) adopted by the New Jersey Department of Environmental Protection (NJDEP) requires that all areas of New Jersey must be addressed by Wastewater Management Plans (WMP); and

WHEREAS, the New Jersey Water Quality Planning Act, N.J.S.A. 13:1D-1 et seq. and the Water Pollution Control Act, N.J.S.A. 58:10A-1 et seq. mandate the completion and submission to the New Jersey Department of Environmental Protection (NJDEP) for review and approval, of a Wastewater Management Plan (County WMP) which defines the existing and future capacity demands of existing and future wastewater related jurisdictions and wastewater service areas, and further requires that all projects and activities affecting water quality must be consistent with these planning documents. Upon adoption, the County WMP becomes a part of the areawide Water Quality Management Plan (WQMP); and

WHEREAS, N.J.A.C. 7:15-5.4 establishes that the county board of chosen freeholders shall have wastewater management plan responsibility for a WMP area consisting of all areas within its county. Those areas designated as within the Stony Brook Regional Sewerage Authority Hopewell Wastewater Treatment Plant ("Hopewell WWTP") are depicted on the map entitled "Mercer County Wastewater Management Plan June 2012, Revised: February 27, 2013; August 28, 2013; October 3, 2013; October 17, 2013, Map 2, Existing Wastewater Facilities and Service Areas."

See also:

<https://www.mercercounty.org/home/showpublisheddocument/1158/636058398458330000>; and

WHEREAS, the Township of Hopewell is a customer of the SBRSA pursuant to the Stony Brook Regional Sewerage Authority Amended Service Contract, dated November 1, 1977, between the Stony Brook Regional Sewerage Authority, and the Boroughs of Hopewell, Pennington and Princeton and the Townships of Princeton and West Windsor and the Township of South Brunswick, as amended and supplemented from time to time, (hereinafter "SBRSA Service Contract") which provides for the discharge of sewage into the System of the Authority; and

WHEREAS, the Moore Residence located at 106 Hopewell Rocky Hill Road, Block 8, Lot 66, Hopewell Township, is located outside of the SBRSA's current Hopewell WWTP sewer service area and therefor is currently inconsistent with the adopted WMP. Authority to adopt changes to the SBRSA sewer service area rests with the NJDEP, and is subject to the amendment process set forth at N.J.A.C. 7:15-3.4. Accordingly, prior to connection of this property, the adoption of an amendment to the applicable planning documents is needed to establish that connection of this property is consistent with N.J.A.C. 7:15-3.1; and

WHEREAS, the Moore Residence – 106 Hopewell Rocky Hill Road amendment proposal, published in the New Jersey Register on September 5, 2023, (Program Interest No. 435452, Activity No. AMD210004) proposes to expand the sewer service area (SSA) of the Stony Brook Regional Sewerage Authority (SBRSA) Hopewell WWTP (NJPDES Permit No. NJ0035301) by 0.04 acres to serve an existing single-family home located on a portion of Block 8, Lot 66 in Hopewell Township, Mercer County. The project will generate a projected wastewater flow of 300 gpd based on flow calculated in accordance with N.J.A.C. 7:14A-23.3; and

WHEREAS, at this time, approval of the Moore Residence – 106 Hopewell Rocky Hill Road application for extension of the SBRSA sewer service area is inconsistent with the SBRSA Service Agreement; and

WHEREAS, Section 601 of the SBRSA Service Contract, entitled, "Contracts with or Service to Others," prohibits SBRSA from entering into any agreement providing for or relating to the treatment and disposal by it of sewage originating outside a Participant, unless the other contracting party be such Participant or such Participant shall have given its written consent thereto; and

WHEREAS, Borough of Hopewell, Participant under the SBRSA Service Contract and owner of the local conveyance system into which wastewater from the Moore Residence – 106 Hopewell Rocky Hill Road would need to be discharged prior to treatment, has not given its written consent as required under the SBRSA Service Contract; accordingly, SBRSA does not endorse or support the proposed amendment at this time.

NOW, THEREFORE, BE IT RESOLVED by the Stony Brook Regional Sewerage Authority, on this 18th day of September, 2023, that:

1. At this time and for the reasons stated herein, the Stony Brook Regional Sewerage Authority does not consent to the amendment of the County WQMP to include Block 8, Lot 66, Township of Hopewell, as within the sewer service area of the SBRSA.
2. This Resolution shall be submitted to the NJDEP in accordance with N.J.A.C. 7:15-3.1 et seq.
3. Copies of this Resolution shall be provided to the Applicant, Mercer County Planning

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

Mr. Doelling provided a listing of the current inoperable flow allocations for Princeton, West Windsor Township, and South Brunswick Township. Currently, there is no inoperable flow allocation for Hopewell Borough, and the only flow allocation associated with SBRSA's

Pennington WWTP is the remaining allocation of 25,000 gpd for the Princeton West Innovation Campus.

Mr. Doelling indicated that he provides notification requesting status of the outstanding flow allocations to the above-listed participants to confirm status of their projects in January.

624.08 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 July 2023 were submitted with no violations reported.

The August 2023 DMRs are currently being prepared.

On August 29, 2023, NJDEP held a virtual stakeholder meeting on anticipated amendments to the Surface Water Quality Standards (SWQS). The anticipated SWQS rule amendments will include updates to human health criteria for toxic substances listed in N.J.A.C. 7:9B and the addition of numeric criteria for eight toxic substances (primarily based on recommendations published by the USEPA in 2015), and new human health criteria for 1,4-dioxane, and three per- and polyfluoroalkyl substances which are commonly known as PFAS: perfluorononanoic acid (PFNA), perfluorooctanoic acid (PFOA) and perfluorooctanesulfonic acid (PFOS). The sampling and analysis of the 12 new parameters will be added to the annual Effluent Waste Characterization Report (WCR).

Residuals Discharge Monitoring Report (RDMR)

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

The July 2023 RDMRs are currently being prepared.

Laboratory

The new contract for laboratory testing services will be discussed in the New Business section.

624.09 Safety

Mr. Doelling reported that the 2023 Kleinfelder Annual Inspection Report is currently in its draft form, and once final, the report will be presented to the Board.

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

Accidents

As of September 13, 2023, Stony Brook Regional Sewerage Authority has gone 154 consecutive days without any "Lost Time" accidents.

Staffing

There have been no changes since the last reporting period.

Inspections

Fire extinguisher and emergency shower inspections were completed by SBRSA staff on September 1, 2023.

On September 15, 2023, SBRSA received the draft annual inspection report from Kleinfelder. The draft report is currently under review by staff.

Training:

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

- Hazard Communication/Globally Harmonized System (GHS)
- Bloodborne Pathogens
- Confined Space Entry

Maintenance and Instrumentation staff attended confined space entry practical training on August 29, 2023, provided by Signature Safety, LLC.

Miscellaneous

A Safety Committee meeting was held on September 12, 2023. The meeting minutes were provided in the report.

Staff is working with fire protection system vendors to evaluate a networking solution for the site-wide alarming system at the River Road WWTP. A possible solution would be replacing the existing VHF radio fire alarm communication system, which has been unreliable and often triggers false-positive alarms.

624.10 Litigation

The Litigation Report was moved to the Executive Session.

624.11 Operations Report

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

Mr. Stewart reported that during the week of September 4, 2023, prechecks were conducted on Incinerator 2 with the goal of bringing the unit online on September 15, 2023. The incinerator, scrubber, and ash handling system were checked, cleaned, and tested for issues that would prevent warming up the unit for operation. During the week of September 11, 2023, the unit was slowly warmed up to ensure the hearth material and brick were not damaged. Incinerator No. 1 will remain at hot idle until the week of September 18, providing a ready backup if needed, and will be cooled down the week of September 25, 2023.

During the week of September 12, 2023, the Contact Tanks and Reaeration Tanks were dewatered, cleaned and inspected. As part of Contract 19-2, River Road WWTP UV Disinfection and Filtration Project, the aerators were removed, and fiberglass reinforced plastic (FRP) baffles were installed along with tank covers to mitigate algae growth. The tanks have not been taken out of service since the modifications were made during the summer of 2022. No algae growth was observed within the tanks during cleaning.

Upstream Facilities

Both Upstream Facilities operated well during this reporting period.

Odors

Staff received no Odor Complaints from our surrounding area during August 2023. Staff received no odor complaints during the partial September 2023 reporting period. The total September number of odor complaints will be reported in October 2023. The odor complaints appear on the provided graph showing the yearly complaints received from January 1998 to September 2023.

Dr. Downey stated that the Board Meeting minutes should reflect that a road paving project occurred over multiple days in September within the Montgomery Woods (MW) development. There has been a noticeable scent of asphalt emanating from MW. In the event of an odor complaint, it could be attributed to the paving operation at MV.

Customer Sludge Deliveries

The reported quantity of liquid sludge was 8% below the budgeted amount, sludge cake was 9% above the budgeted amount, and gray water was 54% above the budgeted amount for August 2023.

624.12 Maintenance

Mr. Stewart reported that on August 21, 2023, work began on the existing UV recirculation system at the Pennington WWTP. Shafts and Sleeves Inc. performed the work to replace the

original undersized system. The original system, which provided recirculated effluent water to maintain the inline UV reactor water temperatures during low flow conditions, was insufficient. The limited flow rate resulted in the water temperature within the reactor increasing with the potential that the unit would fault at high temperatures and shut off, which could create a possible permit violation. Additional water via the onsite standpipe was added at the end of each day and flowed all night during the low flow periods to maintain a plant effluent flow above 60 gallons per minute (gpm). The decision was made to upgrade the system to ensure the reactors remained operational during all flow conditions to mitigate the chance of a permit violation due to high temperature. This provision for the UV system has been included in the Hopewell WWTP Upgrade project design.

On September 2, 2023, the Hopewell WWTP operators discovered that Orbal Aeration Tank No. 1, Drive No. 2 was not operational. After shutting down the drive for inspection, it was discovered that the drive belt tensioner pulley bearings failed. Necessary parts were sourced from inventory, and the tensioner pulley, shaft, and belt were replaced. After adjustments and testing, the Orbal drive was put back into operation.

Mr. Stewart reported at the River Road WWTP, on September 6, 2023, that Allied Construction Group replaced the 18-inch suction and 16-inch discharge flanged plug valves for Nitrification Return Pump No. 2. These parts are approximately 45 years old. The Nitrification Return System was temporarily bypassed using a 6-inch trailer mounted diesel dewatering pump to keep the nitrification system operational while the work was being conducted. Once in place, the suction and discharge valves for pump No. 2 were rigged, removed, and replaced with new valves from inventory. An 18-inch dresser coupling that was not reusable was also replaced during the final connections. After completion, Nitrification Return Pump No. 2 valves were tested for leaks, and the pump was put back into service.

Mr. Stewart reported that staff received one belt press roller; the second roller is expected this week. These parts will be used to repair Belt Filter Press No. 2.

624.13 Construction Report

Mr. Doelling reported on September 5, 2023, staff received a minor modification pre-draft Title V Operating Permit (TVOP). The minor modification pre-draft combines only permit activities BOP180002 and BOP200001 from the original 2018 permit renewal and 2020 stack testing. The permit modification request BOP220001 for adding the "Transition" scenarios and the changes as a result of the 2023 stack test, found in BOP230001-230004, which will supersede most/all of the operating parameter changes proposed in this pre-draft, were not addressed. Staff is reviewing the draft permit with its consultants and will provide any comments to NJDEP by the October 3, 2023, deadline.

Mr. Doelling provided in the report the 2023 Odor Study. The Odor Study report presented a comparison of data from the last several years and a summary of the results of the hydrogen sulfide (H₂S) readings using SBRSA's Jerome H₂S Analyzer.

Mr. Doelling reported that for the Hopewell WWTP Upgrade, Contract 22-4, a metes and bounds description was prepared on September 9, 2023, and emailed to Delaware and Raritan Canal Commission (DRCC) for review on September 15, 2023, with the draft Conservation Easement Agreement.

Staff will forward the executed agreement for recording to the Mercer County Clerk or Registrar of Deeds upon approval of the abovementioned documents. The DRCC Certificate of Approval will be issued after proof of the recording is provided to the DRCC.

Staff recommended approval of Resolution 2023-093, Authorizing Execution of a Conservation Easement Agreement and Conservation and Maintenance Agreement with the Delaware and Raritan Canal Commission of the State of New Jersey.

A discussion occurred about the Conservation Easement Agreement and Conservation and Maintenance Agreement.

Resolution 2023-093 was moved by Mr. Antebi, seconded by Mr. Patel, and passed by a roll call vote of 4 to 0. Resolution 2023-093 follows.

**Resolution Authorizing Execution of a Conservation Easement Agreement and
Conservation and Maintenance Agreement with the
Delaware and Raritan Canal Commission of the State of New Jersey**

Resolution No. 2023-093

WHEREAS, the Stony Brook Regional Sewerage Authority (SBRSA) contracted with Kleinfelder for the design and permitting of the Hopewell Wastewater Treatment Plant (WWTP) Upgrade Project, Contract 19-2; and,

WHEREAS, as part of the permitting process, Kleinfelder, on behalf of SBRSA, submitted an application for approval to the Delaware and Raritan Canal Commission (Commission) of the State of New Jersey on July 1, 2022; and,

WHEREAS, on August 16, 2023, the application was approved by the Commission; and,

WHEREAS, a condition of the approval requires a Conservation Easement Agreement and Conservation and Maintenance Agreement be executed between the SBRSA and the Commission; and,

WHEREAS, the Conservation Easement Agreement is required to establish Conservation Easement Area A, Conservation Easement Area B, and Conservation Easement Exhibit A; and

WHEREAS, the Conservation and Maintenance Agreement is required to ensure that the required stormwater management facilities are maintained in accordance with the Commission regulations; and

WHEREAS, the Commission requires that the fully executed Conservation Easement Agreement and Conservation and Maintenance Agreement shall be filed and recorded with the Mercer County Clerk.

NOW, THEREFORE, BE IT RESOLVED that the Board of the Stony Brook Regional Sewerage Authority authorizes and directs the Executive Director to execute the Conservation Easement Agreement and Conservation and Maintenance Agreement with the Delaware and Raritan Canal Commission of the State of New Jersey as described herein; and,

BE IT FURTHER RESOLVED that the fully executed Conservation Easement Agreement and Conservation and Maintenance Agreement shall be filed and recorded by the Mercer County Clerk and 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			
David A. Goldfarb	X			
C. Schuyler Morehouse				X
Bharat Patel	X			

Mr. Doelling reported that Princeton has reviewed the proposed Project 23-7 Engineering trailer/structure installation plan and has determined that since the SBRSA is a conditional use site, a minor site plan and a conditional use authorization are required; the application must be heard before the Princeton Planning Board. SBRSA staff is reviewing the application process and will coordinate with consulting engineers and counsel, as needed, to submit the required applications.

Mr. Doelling reported as of Payment Application No. 26, Contract 19-2 River Road WWTP UV Disinfection and Filtration Project is approximately 90% complete (by value). Allied Construction Group (ACG) continues installing HVAC, electrical conduit, and wiring during this period.

Mr. Doelling reported that staff has installed the chemical metering pumps and control PLC for Project 23-8, Temporary Phosphorous Control Chemical Addition. Staff is waiting for the delivery of the storage tank and associated chemical to begin phosphorous control testing.

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 Planned sampling of the Lower Millstone Watershed was performed by One Water Consulting (OWC) on September 7, 2023. Staff is awaiting the report.

NJPDES Permit: No additional information since the last report.

Expansion of River Road Planning Report: Kleinfelder continues to work on this project.

Millstone Force Main Condition Assessment Contract 23-3: Staff anticipates receiving a draft report discussing the results of this study by the end of September 2023.

River Road WWTP Main Substation Replacement or Rehabilitation Study: ELECSYS Engineering Group continues to gather data for the study. A draft report is expected to be issued later this month.

Design

Contract 23-5: Structural Repair of the Sludge Cake Receiving Bin Ramps: The project, having only recently been approved, staff is in the process of coordinating the start of this design project.

Construction

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 is waiting for vendor paperwork and a formal quotation. Once received, staff will requisition the proprietary parts.

Small Capital Projects

Project 22-2 GE 90-30 PLC Upgrade: Development of new control logic and operator interface screens for the Belt Filter Press PLCs is ongoing.

Process Control/SCADA

Preventative 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.

- Incinerator Related Items
 - Updated the burner controller modules for Incinerator No. 2 burners 303-A, 303-B, 303-C, 305-A, 305-B, 305-C, 307-A
- River Road WWTP
 - IP Camera replacement was performed for the *front gate camera, front parking lot camera, and back gate camera*. As directed by IT, due to the temporary availability of a rented man-lift, the maintenance shop camera was utilized as a replacement for the back gate camera. The IT department will coordinate the replacement of the maintenance shop camera.
- Pennington WWTP
 - Installed a new 3-inch magnetic flowmeter to monitor the UV recirculation flow

and incorporated new flow scaling in the SCADA.

- Princeton Pump Station
 - Replaced PLC cabinet UPS after the existing UPS was no longer operational.

Information Technology

General:

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

During this reporting period:

- Three server backups (*svr11*, *ws-instr-lt1*, *ws-instr-lt2*) were checked for corruption and readability. All backups are valid and recoverable.
- During backup tests, IT noticed that SVR12, which runs the lab software, had stopped backing up. Repairs were made, and backups were resumed.
- IT replaced a server motherboard due to failure. Systems were restored and functioning.
- IT also had to remove a failed Network Interface Card that was causing a server to halt. This was an optional accessory and will not be replaced.

624.14 Personnel Report

Ms. Pchola reported Mr. Stewart has been in the acting plant manager position for six months; based on his performance, his title will be changed to Plant Manager.

The Board members and staff congratulated Mr. Stewart.

Dr. Downey announced that Ms. Pchola's last day in the office before she retires will be September 30, 2023. The Board and staff will acknowledge her retirement at one of the future Board Meetings for all her achievements over 21 years. Dr. Downey thanked Ms. Pchola for all her efforts and acknowledged that SBRSA would not be the same if she had not been here for the last 21 years. Ms. Pchola contributed to many major projects. SBRSA has a lot to be grateful for due to the efforts she has put in. Ms. Pchola is a good leader.

Ms. Pchola indicated that it is a team effort.

Mr. Goldfarb also commented that the Board feels confident the Authority is well managed by staff.

624.15 Correspondence

For information only.

624.16 Old Business

Nothing to report.

624.17 New Business

Mr. Smith recommended for approval the award of a Laboratory Testing Services contract to ALS Environmental in the amount of \$33,170 per year for a three-year contract starting October 1, 2023, with an option for a contract extension of an additional two years.

Staff recommended for approval Resolution 2023-088, Awarding Laboratory Testing Services Contract Pursuant to N.J.S.A. 40A:11-4.5e.

Ms. Pchola provided an update on ALS's current contract. Initially established in 2018, in an annual amount of \$18,173 for three years. Subsequently, the contract was extended for two additional years in the annual amount of \$20,373.

Ms. Pchola reported that ALS's contract encompasses all the parameters for testing, although not all testing specified/listed may not need to be conducted by ALS. Charges will exclusively apply to the testing services provided by ALS.

Resolution 2023-088 was moved by Mr. Goldfarb, seconded by Mr. Antebi, and passed by a roll call vote of 4 to 0. Resolution 2023-088 follows.

**RESOLUTION AWARDING LABORATORY TESTING SERVICES CONTRACT
PURSUANT TO N.J.S.A. 40A:11-4.5e**

Resolution No. 2023-088

WHEREAS, the Stony Brook Regional Sewerage Authority, pursuant to N.J.S.A. 40A:11-4.5e, may by resolution award a competitive contract; and

WHEREAS, the Stony Brook Regional Sewerage Authority has received competitive proposals for Laboratory Testing Services as Authorized in resolution 2007-13; and

WHEREAS, the lowest cost proposal and the proposal which most closely meets all the contract specifications (price and other factors) was received from ALS Environmental in the annual amount of \$33,170.00; and

WHEREAS, the duration of the contract between the Stony Brook Regional Sewerage Authority and ALS Environmental will be three years from October 1, 2023 to September 30, 2026 with an option for a contract extension of an additional two years; and

WHEREAS, ALS Environmental has completed and submitted a Business Entity Disclosure Certification, which certifies that they have not made any reportable contributions to a political or candidate committee served by the Stony Brook Regional Sewerage Authority in the previous one year, and that the contract will prohibit them from making any reportable contributions through the term of the contract; and

WHEREAS, the Finance Director has certified funds are available in the 2023 Budget Laboratory Testing Services line account 2000-4515. Only amounts for the 2023 Budget Year have been certified. Amounts for future years are contingent upon sufficient funds being appropriated; and

NOW, THEREFORE, BE IT RESOLVED, that the Stony Brook Regional Sewerage Authority authorizes the Award of the Laboratory Testing Services Contract to ALS Environmental.

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

624.18 Open to the Public

Chairman Downey opened the public portion of the meeting, hearing no comments from the Public; the public portion of the meeting was closed at approximately 7:31 p.m.

624.19 And such other issues as may come before the Board

624.20 Executive Session

Amended resolution 2023-095 was moved on a motion by Mr. Goldfarb, seconded by Mr. Antebi, and passed by a roll call vote of 4 to 0. Resolution 2023-095 follows.

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

Resolution No. 2023-095

BE IT RESOLVED by the Stony Brook Regional Sewerage Authority ("Authority") on this 18th day of September 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:
 - The proposed amendment of the Water Quality Management Plan and County Wastewater Management Plan relative to the Moore Residence, 106 Hopewell Rocky Hill Road, Hopewell Township.
 - Pending Litigation in the matter of SBRSA v. NJDEP OAL Docket No. EER 04586-2023S and SBRSA v. NJDEP OAL Docket No. EER 04581-2023S.
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			
David A. Goldfarb	X			
C. Schuyler Morehouse				X
Bharat Patel	X			

Report of Executive Session

A discussion occurred regarding the Water Quality Management Plan and County Wastewater Management Plan relative to the Moore Residence, 106 Hopewell Rocky Hill Road, Hopewell Township, and the pending litigation in the matter of SBRSA v. NJDEP OAL Docket No. EER 04586-2023S and SBRSA v. NJDEP OAL Docket No. EER 04581-2023S.

Return to Public Session

The Board returned to Public Session at 8:09 p.m.

624.21 Adjournment

As no further business was to come before the Board, the meeting was adjourned at 8:10 p.m. on a motion by Mr. Goldfarb, seconded by Mr. Antebi, and passed by unanimous vote.

Respectfully Submitted,

Antonia Pchola
Secretary

Recorded and Written by
Angela Christiano
September 25, 2023