

Minutes of Meeting No. 623, August 28, 2023 – Stony Brook Regional Sewerage Authority

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

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

MEMBERS ABSENT:

CONSULTANTS: Alexander

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

PUBLIC PRESENT: Arundhati Bhosle, West Windsor Township

623.01

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.

623.04 Finance

Mr. Goldfarb moved for approval of Resolution 2023-076 Regarding the Payment of Bills and Claims in the amount of \$1,038,854.55 with two signatures instead of three. The motion was seconded by Mr. Patel and passed by a roll call vote of 5 to 0, with Mr. Morehouse recusing himself relating to the payments to Kleinfelder and Allied Construction. Resolution 2023-076 follows.

Payment of Bills and Claims

Resolution to Approve Payment of Bills and Claims

Resolution No. 2023-076

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 \$1,038,854.55 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 ⁽¹⁾	X			
Bharat Patel	X			

(1) Recused from Kleinfelder and Allied Construction payments

Treasurer's Report

Mr. Chong reported a net income of \$2,050,630 for the 2023 fiscal year-to-date on July 31, 2023. The Authority has total cash and investments of \$20,757,961. The current construction project balance is \$1,210,583. There are sufficient funds for these projects. The outstanding bond principal balance is \$14,238,349.

Monthly Sludge Business Analysis

Mr. Chong reported that the net income figure for July was \$119,705, and the cumulative net income for the fiscal year was \$929,563.

Mr. Chong introduced the proposed 2024 Authority Budget Resolution, 2023-077.

Resolution 2023-077 was moved by Mr. Goldfarb and seconded by Mr. Patel.

A discussion took place regarding the current financial position of the Authority.

Mr. Goldfarb requested that Mr. Chong schedule a Finance Committee meeting this week to discuss the proposed 2024 Authority Budget, with the final budget recommendation being presented at the September Board meeting.

Resolution 2023-077 was passed by a roll call vote of 5 to 0. Resolution 2023-077 follows.

2024 AUTHORITY BUDGET RESOLUTION
Stony Brook Regional Sewerage Authority
Resolution #2023-077

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 August 28, 2023; and

WHEREAS, the Annual Budget as introduced reflects Total Revenues of \$18,655,908, Total Appropriations, including any Accumulated Deficit if any, of \$19,555,908 and Total Unrestricted Net Position utilized of \$900,000; and

WHEREAS, the Capital Budget as introduced reflects Total Capital Appropriations of \$ 2,725,000 and Total Unrestricted Net Position planned to be utilized as funding thereof, of \$ 2,725,000; 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 August 28, 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. Goldfarb requested that if any Board members have concerns about the proposed 2024 Budget, they express their concerns this week.

Mr. Chong recommended for approval Resolution 2023-078, to Approve the Agreement to Renew Membership in the New Jersey Utility Authorities Joint Insurance Fund (JIF). The renewal is for three (3) years. The JIF provides affordable, comprehensive insurance while reducing risk through claim management and safety programs for its members.

Resolution 2023-078 was moved by Mr. Goldfarb, seconded by Mr. Antebi, and passed by a roll call vote of 5 to 0. Resolution 2023-078 follows.

**Agreement to Renew Membership in the
New Jersey Utility Authorities Joint Insurance Fund**

Resolution No. 2023-078

WHEREAS, the New Jersey Utility Authorities Joint Insurance Fund (hereinafter the Fund) is a duly chartered Municipal Insurance Fund (the "Fund") as authorized by NJSA 40A:10-36 et seq., and;

WHEREAS, the Stony Brook Regional Sewerage Authority is currently a member of said Fund, and;

WHEREAS, effective December 31, 2023, said membership will expire unless earlier renewed, and;

WHEREAS, the Governing Body of the Stony Brook Regional Sewerage Authority has resolved to renew said membership;

NOW, THEREFORE, it is agreed as follows:

1. Stony Brook Regional Sewerage Authority hereby renews its membership in the New Jersey Utility Authorities Joint Insurance Fund for a three (3) year period, beginning January 1, 2024 and ending January 1, 2027 at 12:01 a.m.
2. The Stony Brook Regional Sewerage Authority hereby ratifies and reaffirms the Indemnity and Trust Agreement, Bylaws and other organizational and operational documents of the New Jersey Utility Authorities Joint Insurance Fund as from time to time amended and altered by the Department of Insurance in accordance with the Applicable Statutes and administrative regulations as if each and every one of said documents were re-executed contemporaneously herewith.
3. The Stony Brook Regional Sewerage Authority agrees to be a participating member of the Fund for the period herein provided for and to comply with all of the rules and regulations and obligations associated with said membership.

4. In consideration of the continuing membership of the Stony Brook Regional Sewerage Authority in the New Jersey Utility Authorities Joint Insurance Fund, the New Jersey Utility Authorities Joint Insurance Fund agrees, subject to the continuing approval of the Commissioner of Banking & Insurance, to accept the renewal application of the Stony Brook Regional Sewerage Authority.

5. Executed the 28th day of August, 2023, as the lawful and binding act and deed of the Stony Brook Regional Sewerage Authority, which execution has been duly authorized by public vote of the governing body.

WHEREAS, the Stony Brook Regional Sewerage Authority (the "Authority") is a member of the New Jersey Utility Authorities Joint Insurance Fund (the "Fund"); and

WHEREAS, said renewed membership terminates as of December 31, 2023, unless earlier renewed by agreement between the Authority and the Fund; and

WHEREAS, the Authority desires to renew said membership;

NOW, THEREFORE, be it resolved as follows:

1. The Stony Brook Regional Sewerage Authority agrees to renew its membership in the New Jersey Utility Authorities Joint Insurance Fund and to be subject to the Bylaws, Rules and Regulations, coverages, and operating procedures thereof as presently existing or as modified from time to time by lawful act of the Fund.

2. The Governing Body shall be and hereby are authorized to execute the agreement to renew membership annexed hereto and made a part hereof and to deliver same to the New Jersey Utility Authorities Joint Insurance Fund evidencing the Authority's intention to renew its membership.

<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			

Staff recommended approval of Resolution 2023-079. This resolution authorizes the Award of "No Political Contributions Allowed" Contract(s) for Non-Professional Service Vendor(s). It is the pay-to-play provision in anticipation of making purchases exceeding \$17,500 from vendor(s) listed in the resolution.

Resolution 2023-079 was moved by Mr. Goldfarb, seconded by Mr. Patel, and passed by a roll call vote of 5 to 0. Resolution 2023-079 follows.

**Resolution to Authorize Award of "No Political Contributions Allowed" Contract(s) for
Non-Professional Service Vendor(s)**

Resolution No. 2023-079

WHEREAS, the Stony Brook Regional Sewerage Authority (the "Authority") has a need to acquire goods or services as a no political contribution allowed contract pursuant to the provisions of NJSA 19:44A-20.4 or 20.5 as appropriate; and

WHEREAS, the purchasing agent has determined and certified in writing that the value of each contract (by purchase orders) will likely exceed \$17,500; and

WHEREAS, the term of this contract(s) is twelve (12) months. Commencing on December 1, 2022 and ending November 30, 2023, and may be extended as approved by this governing body; and

WHEREAS, the attached list of vendor(s) has completed and submitted a Business Entity Disclosure Certification, which certifies that each vendor has not made any reportable contributions to a political or candidate committee served by the Authority in the previous one year, and that the contract will prohibit the (attached list of vendor(s)) from making any reportable contributions through the term of the contract; and

WHEREAS, the Authority has funds available in its current budget.

NOW, THEREFORE, BE IT RESOLVED that the Authority authorizes the attached list of vendor(s) to enter into contract(s) by purchase order; and

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

Recorded Vote:	<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			

No Political Contribution Allowed Contract(s)	
<u>Company Name</u>	<u>Service</u>
F.W. Webb Company	Plumbing Parts and Supplies
Kendall Electric Inc.	Electrical Spare Parts and Repairs
Miracle Chemical Company	15% Sodium Hypochlorite
W.W. Grainger	Maintenance Tools and Spare Parts

Mr. Chong recommended for approval Resolution 2023-080, to Authorize Qualified Purchasing Agent to Award "Window" Contracts between Pay-to-Play and Bid Thresholds. This resolution

delegates authority to the QPA for "window" contracts per Local Finance Notice 2023-14 issued on August 8, 2023.

Resolution 2023-080 was moved by Mr. Patel, seconded by Mr. Goldfarb, and passed by a roll call vote of 5 to 0. Resolution 2023-080 follows.

Resolution to Authorize Qualified Purchasing Agent to Award "Window" Contracts between Pay-to-Play and Bid Thresholds

Resolution No. 2023-080

WHEREAS, P.L. 2023, C. 30, known as the "Elections Transparency Act" made significant changes to New Jersey's pay-to-play laws; and

WHEREAS, Sections 11 and 12 of the Act amended N.J.S.A. 19:44A-20.4 and 20.5., to clarify that the governing body of a municipality, county or agency may delegate authority to the Qualified Purchasing Agent to award contracts having an anticipated value in excess of political contribution disclosure threshold, but below the Authority's bid threshold ("Window" contracts); and

WHEREAS, the Stony Brook Regional Sewerage Authority (the "Authority") wishes to authorize its Qualified Purchasing Agent to award contracts and purchase goods and services on behalf of the Authority up to the Authority's bid threshold.

NOW, THEREFORE, BE IT RESOLVED by the Stony Brook Regional Sewerage Authority that its Qualified Purchasing Agent is hereby authorized to award contracts and purchase goods and services on behalf of the Authority up to the Authority's bid threshold.

<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 for approval Resolution 2023-081, Authorize Participation in Cooperative Purchasing Agreement with The Interlocal Purchasing System as Part of the National Purchasing Cooperative. The Agreement is a national cooperation for agencies that meet government competitive price requirements.

Resolution 2023-081 was moved by Mr. Goldfarb, seconded by Mr. Antebi, and passed by a roll call vote of 5 to 0. Resolution 2023-081 follows.

Resolution to Authorize Participation in Cooperative Purchasing Agreement with The Interlocal Purchasing System as Part of the National Purchasing Cooperative

Resolution No. 2023-081

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

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

WHEREAS, the Authority has the need on a timely basis to purchase goods and services utilizing The Interlocal Purchasing System, a National Purchasing Cooperative ("TIPS Cooperative"); and

WHEREAS, the Authority may enter into contracts with TIPS Cooperative vendors through this resolution and properly executed contracts, which shall be subject to all the conditions applicable to the current TIPS Cooperative.

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

1. Pursuant to the provisions of N.J.S.A. 40A:11-11, the Executive Director of the Authority is hereby authorized to execute any agreement(s) and other such document(s) that are necessary to effectuate purchases through TIPS Cooperative;
2. The Purchasing Agent of the Authority is authorized to purchase goods and services from the approved TIPS Cooperative vendors pursuant to all conditions of the individual awarded bids.
3. This Resolution shall take effect immediately.

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

Mr. Chong reported that the 2022 Fiscal Year-End Audit has been completed.

Mr. Chong will review and email the financial statements to the Finance Committee tomorrow morning.

Mr. Chong will schedule a meeting with the Finance Committee and the auditing firm on Wednesday, August 30, 2023, to review the financial statements and discuss the proposed 2024 Budget.

Dr. Downey directed the meeting to the order of the agenda.

623.02 Approval of Minutes

The minutes from July 24, 2023, Board meeting were approved as presented on a motion by Mr. Morehouse, seconded by Mr. Patel, and passed by a unanimous vote.

623.03 Open to the Public

Chairman Downey opened the public portion of the meeting at 6:47 p.m., hearing no comments from the Public; the public portion was closed at approximately 6:48 p.m.

623.05 Board Related Activities

Ms. Pchola presented Resolution 2023-087, in Appreciation of Miguel Vilaro-Munet's Service to the Stony Brook Regional Sewerage Authority Board.

Dr. Downey read Resolution 2023-087 as follows.

**Resolution in Appreciation of Miguel Vilaro-Munet's Service to the
Stony Brook Regional Sewerage Authority Board**

Resolution No. 2023-087

WHEREAS, when Chairman Bartolini was considering retirement from the SBRSA Board, he was looking to find a talented individual whom West Windsor Township could appoint to the Board of SBRSA to replace him; and

WHEREAS, Dr. Bartolini noticed Miguel Vilaro-Munet, who was a regular attendee at West Windsor Planning Board and Zoning Board meetings and, after several conversations with Miguel, recommended to the Mayor that they appoint Miguel as his replacement on SBRSA's Board upon his retirement; and

WHEREAS, from January 2019 until July 2023, Miguel has been an active SBRSA Board member; and

WHEREAS, Miguel has served four years on the Construction Committee, and his last year on the Finance Committee; and

WHEREAS, Miguel's attendance record at Construction Committee Meetings and both regular and Emergency Board meetings was excellent. Miguel could always be counted on to be part of the required four member quorum, even if it meant that he needed to call in from Puerto Rico; and

WHEREAS, in his career as a consultant, Miguel attended conferences on Storm Water Management, Non Fossil Fuel Energy Sources, use of Biosolids, and development of novel processes to reduce dependence of fossil fuels. Miguel would report on significant developments to SBRSA's staff and in the Construction Committee meetings of what he learned at these outside conferences; and

WHEREAS, SBRSA thanks Miguel for his contributions over the last five years as SBRSA's West Windsor Township representative and we wish him and his family well in returning to his native Puerto Rico; and

NOW, THEREFORE, BE IT RESOLVED that this Resolution is an expression of our gratitude for your time and service to the Authority.

BE IT FURTHER RESOLVED that a copy of this Resolution shall become part of the official minutes of this 623rd meeting of the Stony Brook Regional Sewerage Authority.

I HEREBY CERTIFY that the foregoing is a true and accurate copy of the Resolution presented at the Stony Brook Regional Sewerage Authority's August 28, 2023 Board Meeting.

Ms. Pchola reported that one (1) consultant's contract pending approval will be discussed during the Construction Section of the meeting.

623.06 Planning and Administration

Ms. Pchola reported the current 12-month average daily flow at the River Road WWTP is 9,040,187 gpd with 1,505,820 gpd of inoperative flow, leaving an available capacity of 2,513,993 gpd. The current 12-month average daily flow at the Hopewell WWTP is 245,632 gpd with zero gpd of inoperative flow, leaving an available capacity of 54,368 gpd. The current 12-month average daily flow at the Pennington WWTP is 256,409 gpd with 24,240 gpd of inoperative flow, leaving an available capacity of 164,351 gpd.

Ms. Pchola reported that meter verifications were completed by staff on August 1, 2023. All flow meters were within $\pm 5\%$.

Flow adjustments were required on July 11 and July 13, 2023, for the Millstone Pump Station, Princeton Forrestal Connector meter station, and Meter Station No. 7 due to the inspection of the Millstone Force Main by Pure Technologies. During the inspection, the flow was backed up into the Millstone Pump Station wet well, flume, and upstream piping, erroneously causing the flow meters to surpass their measurable range.

The following adjustments were made:

- Flow totalizer data for July 11, 2023, was substituted with average flow from the day before July 10, 2023, and the day after July 12, 2023, the ongoing inspection.
- Flow totalizer data for July 13, 2023, was substituted with average flow from the day before July 12, 2023, and the day after July 14, 2023, the ongoing inspection.

On July 15, 2023, there was a significant rainfall event over a short period of time, which caused several flow meters to temporarily exceed their maximum range. No adjustments were made to the flow totals for this day. The following meters were affected:

- Hopewell WWTP Influent
- Meter Station No. 6
- North Ridge Meter Station
- Pennington WWTP Influent

The Summary of the Meter Summation vs. River Road WWTP Influent Meter indicated a difference of 7.70%, with the River Road Influent Meter reading higher.

623.07 Approval Requests and Actions

Mr. Doelling reported that there were no TWA applications for approval this month.

Mr. Doelling reported that the Woodstone at West Windsor project has reported 98% occupancy, with actual generated flow expected to be consistent and representative of the site. The Capacity Status Report has been updated to remove all flow associated with this project from the West Windsor Township inoperable flow.

623.08 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 June 2023 were submitted with no violations reported.

The July DMRs are currently being reviewed.

Residuals Discharge Monitoring Report (RDMR)

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

The June 2023 RDMRs are currently being prepared.

The Hopewell and Pennington WWTP semi-annual Residuals Discharge Monitoring Reports were submitted for the period January 1, 2023 to June 30, 2023. The results were within the expected ranges for these facilities.

Air Reporting

The 2nd quarter 2023 Excess Emissions and Monitoring Report was prepared and submitted by staff. Only Incinerator No. 1 with RTO (OS27) operated during this monitoring period. Incinerator No.1 operating with RTO (OS27), had one (1) hour of excess carbon monoxide emissions (CO >100 ppm). The one-hour carbon monoxide emission exceedance occurred on April 30, 2023 (the one-hour average was 101ppm) and was discovered on July 7, 2023, during the preparation of the Excess Emission Report. A NJDEP Hotline call was made on July 7, 2023, Case # 23-07-07-1313-45, Operator # 59. This incident was also reported on the Title V semi-annual Compliance Report.

The semi-annual 40 CFR 60, Subpart O Report for the first six months of 2023 was prepared and submitted by staff. No potential violations were reported.

The 2023 Q2 Quarterly Report, detailed in paragraph 28 of the 2022 Consent Decree, was submitted on July 27, 2023. A copy of the report without attachments was provided in the report.

The semi-annual Title V Compliance Report was prepared and submitted by staff electronically to NJDEP on July 28, 2023. The semi-annual Compliance Report in conformance with 40 CFR 62, Subpart LLL was submitted to the USEPA on July 28, 2023.

The 2nd quarter 2023 Incinerator Sludge Metals Report was submitted to NJDEP. There were no exceedances of the monthly, 12-month weighted average, or 15-month rolling average metals concentration limits or the 12-month rolling average lead or mercury emission limits.

Laboratory

NJDEP Office of Quality Assurance (OQA) has validated the 2023 Proficiency Test (PT) Study results for River Road, Hopewell, and Pennington laboratories. The letters were provided in the Laboratory Report.

Miscellaneous

The renewal application (including the analytical testing results) for grit and screenings waste disposal (2023-2024) was submitted online on July 31, 2023, and was approved by Waste Management of Pennsylvania on August 1, 2023.

The State of New Jersey has minimal data on Microplastics (MP) and per- and poly-fluoroalkyl substances (PFAS) in wastewater influent, effluent, and sludge. The NJDEP is requesting

SBRSA's participation in a collaborative research study to evaluate PFAS and MP in and through the wastewater treatment process. The scope of this investigation is to shed light on PFAS and MP loading, removal, and possible transformation of these compounds and their concentrations through the treatment process in New Jersey WWTPs. This research will lead to a better understanding of the mechanisms responsible for the observed transformation of PFAS compounds and possible treatment approaches that effectively limit and remove PFAS throughout the treatment train. SBRSA attended a presentation about the proposed research study by NJDEP on August 10, 2023, and has agreed to participate.

623.09 Safety

Mr. Doelling reported that the 2023 Kleinfelder Annual Inspection Report will be in the September Safety Report.

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 August 22, 2023, Stony Brook Regional Sewerage Authority has gone 132 consecutive days without any "Lost Time" accidents.

Staffing

One employee returned to work from worker's compensation on August 14, 2023.

Inspections

Fire extinguisher and emergency shower inspections were completed by SBRSA staff on August 11, 2023.

The 2023 Kleinfelder Annual Inspection is complete for all plants and remote stations. Kleinfelder anticipates submitting the draft inspection report for review in the second week of September 2023.

Training:

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

- Hazard Communication/Globally Harmonized System (GHS)
- Fire Safety
- Fall Protection Awareness
- Bloodborne Pathogens
- Fire Extinguisher Safety
- Lock Out/Tag Out (Control of Hazardous Energy)

- Confined Space Entry
- Personal Protective Equipment

Miscellaneous

A Safety Committee meeting was held on August 15, 2023. The meeting minutes were provided in the report.

The River Road WWTP fire alarm system continues to experience communication interruptions with its radio-frequency repeater stations. Staff continues working with ADT Commercial to repair the existing system while exploring alternative options that utilize the existing fiber network.

623.10 Litigation

Ms. Alexander reported that SBRSA received the draft New Jersey Pollutant Discharge Elimination System (NJPDES) permit modification issued on July 31, 2023. The permit modification included the removal of effluent limits for chlorination byproducts and monitoring once per year for Bromodichloromethane and Chlorodibromomethane one per year and seasonal action levels for phosphorus.

Comments on the draft permit were submitted by One Water on behalf of SBRSA on August 14, 2023, requesting a reduction in chloroform monitoring from semiannually to annually, commensurate with other chlorination byproducts.

The permit is currently in the thirty (30) day public comment period.

The next status conference is scheduled for September 7, 2023.

A discussion occurred regarding phosphorus limits.

623.11 Operations Report

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

Mr. Stewart reported that on August 9, 2023, Somerset Raritan Valley Sewerage Authority (SRVSA) began bringing sludge cake three times per week while repairs were being made to their incinerator. The repairs are expected to be completed by the end of the month. As of this report, 210 cubic yards of sludge cake have been delivered.

On August 10, 2023, Incinerator No. 1 was burned out, and Operations and Maintenance removed slag accumulation from Hearth No. 3. While the incinerator was burned out, damaged rabble teeth were replaced. The Center Shaft Drive operation was monitored before putting the incinerator back in service. Feed to the incinerator was restarted that afternoon with no sludge

cake delivery interruptions.

On July 19, 2023, and July 26, 2023, NJDEP conducted their annual site inspection for the River Road WWTP and the Pennington WWTP. The inspection reports were received on August 22, 2023, with no deficiencies noted. The inspection date for the Hopewell WWTP is still forthcoming.

Upstream Facilities

Both Upstream Facilities operated well during this reporting period.

Odors

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

Customer Sludge Deliveries

The reported quantity of liquid sludge was 15% below the budgeted amount, sludge cake was 3% above the budgeted amount, and gray water was 17% above the budgeted amount for July 2023.

623.12 Maintenance

Mr. Stewart reported that the Belt Press No. 2 rollers did not pass inspection, needed to be remanufactured, and are in Indiana awaiting shipping. The estimated shipping date is currently sometime in September 2023.

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

The following report lists the major maintenance repairs made during this reporting period and the completed Monthly Work Orders and Preventative Maintenance for the same period.

On July 31, 2023, the Nitrification Clarifier No. 2 sludge collector was shut down for the annual cleaning and inspection of the sludge collector assembly. The sludge withdrawal tubes connected to the rotating plow frame had severely corroded 8-inch U-bolts and attaching hardware. A list of replacement parts was compiled to replace the U-bolts with corrosion-resistant stainless steel bolts. The new U-bolts were installed and attached to the 8-inch tubes. The Nitrification Clarifier No. 2 sludge collector was tested and put back into operation on August 3, 2023.

During the shutdown and repair of Incinerator No. 2, the rabble arm teeth on Hearth level No. 2 were found to be severely eroded, requiring a complete replacement. On August 4, 2023, the

replacement teeth were assembled, and Incinerator No. 2 was locked out after aligning the rabble arms with the Hearth No. 2 access doors. A total of 25 teeth were taken from inventory and replaced on the four rabble arms located on Hearth No. 2. Once the tooth installation was completed, the Incinerator No. 2 center shaft drive was started to test and confirm the operation.

On August 9, 2023, the Lead Operator reported that the Magnesium Hydroxide Peristaltic Feed Pump No. 1 was not pumping adequately. The pump was inspected, and the failure was determined to be the pump tube. A pump repair kit was retrieved from inventory, and the pump was dismantled for the installation of repair parts. Once the repairs were completed, the Magnesium Hydroxide Peristaltic Feed Pump No. 1 was tested and returned to service.

On August 1, 2023, Modified Aeration (MA) Return Sludge Pump No. 2 was reported leaking from the mechanical seal. The pump was shut down and locked out for repair. While inspecting the seal, it was discovered that the pump also had bad shaft bearings and required a complete rebuild. The pump was removed and disassembled, and a new pump shaft, shaft sleeve, bearings, and impeller were installed from inventory, along with a new mechanical seal. On August 17, 2023, the rebuilt MA Return Sludge Pump was installed, tested, and fully restored into service.

Provided in the report were several graphs that monitor our monthly progress. The current monthly open work requests stand at nineteen (19). On the Preventive Maintenance graph, we averaged three (3) days overdue, and the number of overdue units is approximately seventeen (17).

623.13 Construction Report

Mr. Doelling reported on the Hopewell WWTP Upgrade, Contract 22-4. Staff has addressed the Delaware and Raritan Canal Commission's (DRCC's) request for a stream corridor conservation easement on the Hopewell plant site. Included in the report was a copy of the plan and "Schedule A." Schedule A, in part, includes activities that may be allowed in the conservation easement provided in the Construction report. Kleinfelder has contacted the surveyor who conducted the survey for the plant site to provide the metes and bounds description.

A discussion occurred regarding the future use of the conversation easement area.

Mr. Doelling reported that the DRCC approved the modified boundaries of the conservation easement at their August 16, 2023 meeting. Final approval from DRCC will not be provided until SBRSA provides a metes and bounds description of the conservation easement, a deed recorded with the county clerk's office, and an executed conservation and maintenance agreement.

On August 24, 2023, SBRSA met the Socially and Economically Disadvantaged (SED) Business Utilization Plan requirements.

SBRSA addressed NJDEP comments on the Hopewell WWTP Upgrade project and on August 11, 2023, SBSRA received approval from NJDEP.

On August 25, 2023, SBRSA received approval from the New Jersey Office of the State Comptroller (NJOSC).

SBRSA has provided all information to the DRCC with the exception of the metes and bounds description for the required conservation easement. Once received the DRCC will provide final approval.

The DRCC approval is the last item necessary for NJDEP to provide authorization to advertise the project for bid.

Mr. Doelling reported on the Structural Repair of the Sludge Cake receiving Bin Ramps. At the request of SBRSA staff, Kleinfelder has submitted the provided proposal, dated August 18, 2023, for design and bidding assistance associated with specifying the structural repair of the sludge cake receiving bin ramps. The cost for these design services is \$28,410.

Staff recommended approval of Resolution No. 2023-084, Authorizing the Award of a "No Political Contributions Allowed" Contract to Kleinfelder for Design and Bidding Assistance for Structural Repair of the Sludge Cake Receiving Bin ramps, in the amount on a fixed fee basis of \$28,410.

Mr. Patel moved Resolution 2023-084, as discussed during the Construction Committee meeting and seconded by Mr. Antebi.

A discussion occurred about the cost of the construction.

Resolution 2023-084 was passed by a roll call vote of 4 to 0 with one (1) recusal. Resolution 2023-084 follows.

**Authorizing the Award of a "No Political Contributions Allowed"
Contract to Kleinfelder for Design and Bidding Assistance for Structural Repair
of the Sludge Cake Receiving Bin Ramps**

Resolution No. 2023-084

WHEREAS, the sludge cake receiving and pumping facility was originally designed and constructed in 1990 under SBRSA Contract No. 90-3; and,

WHEREAS, the facility includes an outdoor ramped receiving area enabling sludge cake hauling trucks to off-load sludge cake directly into the receiving bins steel which are located directly above the below grade building housing the cake receiving bins and sludge cake transfer pump Nos. 1 & 2; and,

WHEREAS, the concrete ramps and curbing have deteriorated due to the corrosive environment, washdown of trucks, and general wear and tear over a long period of service; and,

WHEREAS, SBRSA has the need for structural repair of the sludge cake receiving bin ramps; and

WHEREAS, on August 18, 2023, Kleinfelder submitted proposal for engineering design and bidding assistance services, necessary to address the structural repair of the sludge cake receiving bin ramps, in the amount of \$28,410, to be billed on a lump sum basis; and,

WHEREAS, SBRSA's qualified purchasing agent has determined and certified in writing that the value of the work will exceed \$17,500; 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 December 1, 2021 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, it is SBRSA's intent to fund this as small capital project "*Contract 23-5: Structural Repair of the Sludge Cake Receiving Bin Ramps*".

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.

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

⁽¹⁾Recused

Mr. Doelling reported that the existing Modified Aeration (MA) odor control blower system associated with the MA and Grit Removal Tanks at the River Road WWTP is in need of major repair.

A detailed memorandum was provided to the vendor to verify the appropriate rotary piston blower assembly. The Authority has prepared a resolution authorizing the proprietary purchase of AERZEN equipment to complete this repair. The provided memorandum, dated August 17, 2023, provides the details and justification for the proprietary purchase.

Staff recommended approval of Resolution 2023-085 for the Proprietary Purchase of a Rotary Piston Blower Stage Assembly for the Odor Control Blower of the River Road Wastewater Treatment Plant Modified Aeration System, Contract 23-6 authorizing the proprietary purchase of the AERZEN Delta Blower GM-150S rotary piston blower stage assembly manufactured by Aerzener Maschinenfabrik GmbH.

Resolution 2023-085 was moved by Mr. Morehouse and seconded by Mr. Patel.

Mr. Doelling reported that the rotary piston blower cost is approximately \$80,000 each.

Resolution 2023-085 was passed by a roll call vote of 5 to 0. Resolution 2023-085 follows.

Resolution for the Proprietary Purchase of a Rotary Piston Blower Stage Assembly for the Odor Control Blower of the River Road Wastewater Treatment Plant Modified Aeration System, Contract 23-6

Resolution No. 2023-085

WHEREAS, the Stony Brook Regional Sewerage Authority ("Authority") needs to repair the existing Modified Aeration (MA) odor control blower system for the odor control system for the MA Tanks and Grit Removal Tanks at the River Road Wastewater Treatment Plant as part of Contract 23-6; and

WHEREAS, the existing blowers are showing signs of excessive wear after two decades of operation, and the internal linings of the blower stages are degrading from continuous exposure to corrosive gases; and

WHEREAS, to maintain the effectiveness and reliability of the odor control system, the existing rotary piston blower stage assemblies need to be replaced; and

WHEREAS, the existing odor control blowers are AERZEN Delta Blower GM-150S rotary piston blowers manufactured by Aerzener Maschinenfabrik GmbH; and

WHEREAS, Aerzen is the only manufacturer of replacement parts for the Aerzen Delta Blower GM-150S; and

WHEREAS, replacement of the rotary piston blower stage assemblies will be an exact replacement that will return the blower systems to their maximum performance; and

WHEREAS, the continued operation of the existing odor control system is critical to the proper operation of the treatment facility and is required to maintain compliance with the Title V Operating permit requirements; and

WHEREAS, for consistency in both training and operation and maintenance of the equipment, the desired preference is to have the blower stage assemblies supplied by the existing manufacturer; and

WHEREAS, the Authority has determined that the AERZEN Delta Blower GM-150S rotary piston blower manufactured by Aerzener Maschinenfabrik GmbH is of a specialized nature necessary for the conduct of its affairs because of the ability to integrate with the existing AERZEN Delta Blower GM-150S odor control system; and

WHEREAS, the Authority therefore has a compelling need to purchase the same manufacturer as the existing odor control blower as authorized by N.J.S.A. 40A:11-13(d) and N.J.A.C. 5:34-9.1(a) 1.i and 2.i where the proprietary designation overshadows the public benefit of use of "brand name or equivalent"; and

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

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

1. That the Authority agrees that due to the specialized nature of the equipment necessary for the conduct of its affairs, the only acceptable manufacturer for the replacement of the AERZEN Delta Blower GM-150S rotary piston blower assemblies is Aerzener Maschinenfabrik GmbH.
2. This Resolution shall take effect immediately; and

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

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

Mr. Doelling reported that Contract 19-2 2 River Road WWTP UV Disinfection and Filtration Project, as of Payment Application No. 25, is 88% complete (by value).

Mr. Doelling reported that Allied Construction Group has submitted a Contract Modification for a no cost time extension in accordance with Article CA.17 Time Extension Request. The request was due to supply chain issues resulting from COVID-19.

Based on the most recent update of the project schedule, substantial completion of the entire project is projected for March 28, 2024, with Final Completion of the project anticipated by May 9, 2024. Approval of Contract Modification No. 27 will extend the contract times at no additional cost to SBRSA and will move the completion date to May 9, 2024.

This Contract Modification has been reviewed by SBRSA staff and Kleinfelder with Allied Construction Group.

Staff recommended approval of Resolution 2023-086, Authorizing the Approval of Contract Modification CM-027 to Extend Contract Deadlines for the River Road WWTP UV Disinfection and Effluent Filtration Project, Contract 19-2.

Mr. Patel moved Resolution 2023-086 as discussed during the Construction Committee meeting, seconded by Mr. Antebi, and passed by a roll call vote of 4 to 0 with one (1) recusal. Resolution 2023-086 follows.

Resolution Authorizing the Approval of Contract Modification CM-027 to Extend Contract Deadlines for the River Road WWTP UV Disinfection and Effluent Filtration Project, Contract 19-2

Resolution No. 2023-086

WHEREAS, on September 15, 2020, the Stony Brook Regional Sewerage Authority (SBRSA) issued a Notice to Bidders seeking the receipt of sealed public bids for the "River Road WWTP UV Disinfection and Effluent Filtration Project, Contract 19-2" and

WHEREAS, the SBRSA, at its March 23, 2021, Board meeting, awarded the River Road WWTP UV Disinfection and Effluent Filtration Project, Contract 19-2, to Allied Construction Group, Inc. (ACG) in the amount of \$15,963,000.00; and

WHEREAS, the SBRSA at its May 24, 2021 Board meeting approved Contract Modification CM-001 in the amount of \$10,308; and at its August 23, 2021 Board meeting approved Contract Modification CM-002 in the amount of \$2,701.27 and Contract Modification CM-003 in the amount of \$19,222.21; and at its October 25, 2021 Board meeting approved Contract Modification CM-004 in the credit amount of (\$1,325.21), Contract Modification CM-005 in the amount of \$3,291.41 and Contract Modification CM-006 in the amount of \$2,445.07; and at its January 24, 2022 Board meeting approved Contract Modification CM-007 in the amount of \$13,087.98, Contract Modification CM-008 in the amount of \$7,246.62, Contract Modification CM-009 in the amount of \$3,420.30, Contract Modification CM-010 in the amount of \$5,460.46 and Contract Modification CM-011 in the amount of \$14,857; and at its May 23, 2022 Board meeting approved Contract Modification CM-012 in the amount of \$1,809.60; and at

its July 25, 2022 approved Contract Modification CM-013 in the amount of \$3,391.73, Contract Modification CM-014 in the amount of \$13,694.73 and Contract Modification CM-015 in the amount of \$1,657.12; and at its September 19, 2022 Board meeting approved Contract Modification CM-016 in the amount of \$57,331.28; and at its October 24, 2022 Board meeting approved Contract Modification CM-017 in the amount of \$55,015.79 and Contract Modification CM-018 in the credit amount of (\$124,811.90); and at its December 12, 2022 Board meeting approved Contract Modification CM-019 in the amount of \$8,268.93, Contract Modification CM-020 in the amount of \$2,753.98, Contract Modification CM-021 in the amount of \$4,490.61 and Contract Modification CM-022 in the amount of \$4,109.12; and at its March 27, 2023 Board meeting, approved Contract Modification CM-023 in the amount of \$4,490.61, Contract Modification CM-024 in the amount of \$9,309.70 and Contract Modification CM-025 in the amount of \$6,628.40, the resulting Contract amount is \$16,094,028.86; and at its July 24, 2023 Board meeting, approved Contract Modification CM-026 in the amount of \$5,585.24

WHEREAS, significant delays in delivery and installation of the large diameter buried ductile iron piping at the new Disc Filter Building were incurred due to supply chain issues resulting from the COVID-19 pandemic; and

WHEREAS, the project schedule, projects substantial completion to March 28, 2024, with Final Completion of the project anticipated by May 9, 2024.

WHEREAS, the scope of work remains unchanged,

WHEREAS, Allied Construction submitted a time extension request letter dated July 12, 2023, requesting extension of contract dates due to supply chain issues resulting from the COVID-19 pandemic and,

WHEREAS, the abovementioned changes to Contract 19-2 are more fully set forth and incorporated within the August 18, 2023 Contract Modification CM-027 document, resulting in the amount of \$0.00, for a total contract amount of \$16,099,614.10; and

WHEREAS, the contract completion dates for the project shall be modified as follows:

CA.17	Time of Substantial Completion	Within 1085 consecutive calendar days (March 28, 2024) after the issuance of the Notice to Proceed
CA.17	Time of Final Completion	Within 1127 consecutive calendar days (May 9, 2024) after the issuance of the Notice to Proceed.

WHEREAS, the Contractor agrees that they shall not have or assert any additional claim for nor shall they be entitled to any additional compensation or damage on account of such delay.

WHEREAS, this project is funded through the New Jersey Water Bank (NJWB); and

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

1. The Chairman is authorized and directed to execute Contract Modification CM-027 with Allied Construction Group, Inc. in the amount of \$0.00, resulting in the modified contract completion dates noted above.
2. This Resolution shall take effect immediately; and

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

<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 ⁽¹⁾				
Bharat Patel	X			

⁽¹⁾ Recused

Mr. Doelling reported that JVS Industrial and Commercial Contractors, Inc. is waiting for the gearbox's delivery to replace the failed Nitrification Tank Aerator Reducing Gear. The manufacturer indicated that the current ship date is December 12, 2023.

Mr. Doelling reported that the carbon in the South Brunswick Pump Station and the River Road WWTP odor control systems have been replaced.

Mr. Doelling reported that staff is in the process of constructing a temporary phosphorous removal chemical feed system to meet the 1.0 mg/l phosphorus limit.

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: In recent discussions regarding the permit modification for total phosphorous (TP), NJDEP noted that they will revisit the Lower Millstone Total Maximum Daily Load (TMDL). The additional Lower Millstone Watershed sampling planned by One Water Consulting (OWC) will be very useful to defend the science behind any proposed permit requirements. OWC is waiting for stream low-flow conditions to perform the sampling.

NJPDES Permit: On July 25, 2023, staff submitted comments to NJDEP regarding NJDEP's proposed "custom language" for a permit modification concerning a total phosphorous (TP) action level. On July 26, 2023, OWC met with NJDEP to further discuss the revised action level

language, and we received the resulting draft Discharge to Surface Water Major Modification Permit Action for the River Road WWTP on July 31, 2023. Notice of this draft permit action appeared in the July 5, 2023, *DEP Bulletin* and in the *Times* on August 1, 2023.

In summary, the permit will have an action level of 1.0 mg/l for total phosphorus during the period of May 1, 2023, through October 31, 2023, when the daily flow rate in the Millstone River measured at the USGS Blackwells gage station is below 100 cfs. SBRSA will also be required to provide a monthly report indicating the Millstone River flow rate, duration of chemical dosing, and the effluent total phosphorus results. The action level will become effective July 1, 2024.

The provided letter, submitted on behalf of SBRSA, provides comment on the draft permit regarding a minor correction to have chloroform (a chlorination byproduct like BDCM and DBCM) removed from the semi-annual Waste Characterization Report (WCR) and moved to the annual WCR with other BDCM and DBCM requirements.

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

Engineering Trailer: Staff is waiting for confirmation that SBRSA has joined The Interlocal Purchasing System (TIPS), a national cooperative purchasing system. Once SBRSA is a member of TIPS, staff can start purchasing a new trailer, which includes permitting, electrical work, and site preparation.

Millstone Force Main Condition Assessment (Contract 23-3): On July 25, 2023, BR Welding removed the wye piping modification and reinstalled the original piping and the 18-inch check valve at Millstone Pump Station. The data collection phase of the project is complete. Staff anticipates receiving a draft report discussing the results by the end of September 2023.

2023 Annual Odor Study: Odor sampling is scheduled to occur on August 29 and 30, 2023.

River Road WWTP Main Substation Replacement or Rehabilitation Study: ELECSYS Engineering Group continues to gather data for the study.

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.

- River Road WWTP
 - Replaced the sodium hypochlorite pump tubing on the odor control scrubber CD-401 and cleared a clog in the piping to the unit.
 - Modified the electrical wiring for the exit lights at the Headworks to have them stay lit.
 - Repaired hydraulic hoses for the effluent control valve on Filter No. 5.
 - Replaced the door assembly on the dissolved oxygen (DO) transmitter for Nitrification Aeration Stage 4.

- Replaced sun covers on the DO transmitters for Nitrification Aeration in Stages 7 and 8.
- The cooling fan in the Scrubber Low-Pressure Pump No. 1 VFD failed and was replaced.
- Installed a test port for the RTO induced draft transmitter to assist with calibrations.
- Corrected an issue with reporting the Backwash Storage Tank rake arm to the SCADA.
- Replaced the security camera for the front gate.
- Repositioned the security camera for the rear gate to face the Modified Aeration Tanks.
- Pennington WWTP
 - Installed ultrasonic flowmeters for the Return Activated Sludge flow.
 - Replaced the sun shield and door assembly on the influent flow transmitter.
 - Installed a new calibrated sensor window on the DO sensor for Orbal No. 1, Stage 2.
- Hopewell WWTP
 - Replaced the sun shield and door assembly on the DO controllers for Orbal Tank Nos. 1 and 2.
 - Replaced the DO probes in Orbal Tank Nos. 1 and 2.
 - Installed a new GFCI outlet at the influent channel for the sampler.
- Millstone Pump Station
 - The wet well controller was not responding to button presses, so a ribbon cable was replaced to correct the issue.
 - The high plume fan for the wet-well area was wired to new indoor controls for convenience.
 - Reconfigured the sump pump control panel with new starters and installed status/feedback wires for the SCADA.

INFORMATION TECHNOLOGY

General:

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

During this reporting period:

- Three server backups (*svr10*, *trace-cems*, *vm-trace*) were checked for corruption and readability. All backups are valid and recoverable.
- All remaining SCADA view nodes have been updated to the latest iFix 2023 version.
- Due to the current threat landscape, IT staff have installed, configured, and deployed an additional threat detection and Security Information and Event Management server to monitor for known exploits and system changes.

Asset Management and Maintenance Tracking:

- All workstations, IP phones, switches, and assorted IT devices have been added to the asset management system inventory.
- IT staff continues its efforts to develop the management, tracking, and preventative

maintenance schedule of all Uninterruptable Power Supply (UPS) devices. IT staff has begun an inspection schedule of the Incinerator UPS devices. Any UPS directly supporting the incineration process will now be reviewed monthly.

Trace Environmental WebDAS2K:

Staff continues to collect and compare Trace WebDAS2K data to the current TRACE Data Acquisition System. Issues are being corrected as they are discovered.

623.14 Personnel Report

Ms. Pchola reported that two (2) Operators and a Maintenance Mechanic were hired. Mr. Dale Schroeder, a Mechanic I, unexpectedly passed away. The Assistant Manager of Engineering resigned. The Mechanic II has returned from Workers' Compensation.

623.15 Correspondence

For information only.

623.16 Old Business

Nothing to report.

623.17 New Business

Mr. Stewart reported that on Wednesday, August 23, 2023, at 11:00 a.m., sealed bids for the supply of Magnesium Hydroxide were opened. Upon request, bid packages were provided to two vendors. Two bids were received. Martin Marietta was the lowest bidder for a 12-month contract for \$821.00 per ton/\$ 574,000. SBRSA received no bids for a 24-month contract.

The last contract was a one-year contract awarded to Premier Magnesia LLC at a unit cost of \$770.00/ton for \$462,000.00. The previous contract was based on an estimated quantity of 600 dry tons. This contract is based on an estimated quantity of 700 dry tons, which is more reflective of current usage.

After reviewing the low bidder's package and finding it in order, staff recommended approval of Resolution 2023-082, Award Contract for the Supply of Magnesium Hydroxide, for a one-year contract to be awarded to the lowest responsive bidder, Martin Marietta.

Resolution 2023-082 was moved by Mr. Morehouse, seconded by Mr. Patel, and passed by a roll call vote of 5 to 0. Resolution 2023-082 follows.

Resolution to Award Contract for the Supply of Magnesium Hydroxide

Resolution No. 2023-082

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

WHEREAS, the following sealed bids were received by the Authority on August 23, 2023, as more fully set forth as follows:

	<u>12-Month</u>	<u>24-Month</u>
Premier Magnesia LLC	\$831.00/ton /\$581,700	No 24-Month Bid
Martin Marietta Magnesia	\$821.00/ton /\$574,700	No 24-Month Bid

and,

WHEREAS, the Authority has determined that the bid of Martin Marietta Magnesia Specialties, LLC, is the lowest responsive bid; and

WHEREAS, the bidder, Martin Marietta Magnesia Specialties, LLC, submitted a bid in the amount of \$821.00 per ton for a twelve (12)-month contract for a one-year total of \$574,700.00, and did not bid for a twenty-four (24)-month contract; and

WHEREAS, the bid has been reviewed by the Authority to determine compliance with the bid specifications in accordance with the Local Public Contracts Law N.J.S.A. 40A:11-1 et seq. and has been determined to be in order; and that the Authority can waive informalities or defects in bids, as may be permitted by law if it is deemed in the best interest of the Authority to do so; and

WHEREAS, the Finance Director has certified funds are available in the 2023 Budget Magnesium Hydroxide line account 3000-4522. 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 by the Stony Brook Regional Sewerage Authority, as follows:

1. The Authority waives all immaterial defects, if any, contained in the bid of Martin Marietta Magnesia Specialties, LLC for the supply of Magnesium Hydroxide.
2. The Authority hereby awards a twelve (12)-month contract to Martin Marietta Magnesia Specialties, LLC, the lowest responsible bidder, for the supply of Magnesium Hydroxide in the estimated amount of **\$574,700.00**; and the Executive Director is authorized to execute a

contract with Martin Marietta Magnesia Specialties, LLC upon receipt of the signed contract and all required documents.

3. All bid security, except the security for the next apparent lowest bidder, shall be returned within 10 days after the opening of the bids, Sundays and holidays excepted. Within 3 days, Sundays and holidays excepted, after the awarding and execution of the contract and approval of the contractor's performance bond, the bid security of the remaining unsuccessful bidder shall be returned.

4. The Authority's staff and consultants are hereby authorized and directed to take all other actions necessary or desirable to effectuate the terms and conditions of this Resolution.

5. The agreement shall take effect October 1, 2023.

<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. Smith recommended approval of Resolution 2023-083, Authorizing the Award of a Twenty-Eight (28) Month Sludge Cake Receiving Contract with the Ewing-Lawrence Sewerage Authority.

This is a renewal contract with the Ewing-Lawrence Sewerage Authority. The current 5-year contract receiving price is \$54 per cubic yard, and the new 28-month contract receiving price is \$56 per cubic yard. The contract commences on September 1, 2023, and ends on December 31, 2025; this would be consistent with the other sludge contracts.

Resolution 2023-083 was moved by Mr. Morehouse, seconded by Mr. Patel, and passed by a roll call vote of 5 to 0. Resolution 2023-083 follows.

Resolution Authorizing the Award of a Twenty-Eight Month Sludge Cake Receiving Contract with the Ewing-Lawrence Sewerage Authority

Resolution No. 2023-083

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 Ewing-Lawrence Sewerage Authority (ELSA), located at 600 Whitehead Rd, Lawrence Township, New Jersey, has a need to dispose of its sludge cake; and

WHEREAS, the Ewing-Lawrence Sewerage Authority has requested an Agreement with SBRSA for the disposal, excluding transportation, of sludge cake; and

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

WHEREAS, ELSA agrees that sludge cake will be accepted for disposal at a rate of \$56 per cubic yard; and

WHEREAS, the term of this Agreement will be from September 1, 2023 to December 31, 2025; and

WHEREAS, the SBRSA is desirous of entering into an acceptable agreement for disposal of ELSA's sludge cake; 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 Ewing-Lawrence 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 Contractor.

<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			

A discussion took place regarding rescheduling the October Board Meeting. Once a consensus is reached, the date change will be confirmed.

623.18 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.

623.19 And such other issues as may come before the Board

623.20 Adjournment

As no further business was to come before the Board, the meeting was adjourned at 7:32 p.m. on a motion by Mr. Goldfarb, seconded by Mr. Morehouse, and passed by unanimous vote.

Respectfully Submitted,

Antonia Pchola
Secretary

Recorded and Written by
Angela Christiano
September 5, 2023