

Minutes of Meeting No. 621, June 26, 2023 – Stony Brook Regional Sewerage Authority

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

MEMBERS PRESENT: Downey, Antebi, Patel, Vilaro-Munet

MEMBERS ABSENT: Goldfarb, Morehouse

CONSULTANTS: Alexander, Cosgrove

STAFF PRESENT: Chong, Christiano, Doelling, Hilty, Hinkel, Pchola, Stewart, Webber

### **621.01**

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 indicated that the Board meeting would begin with the Executive Section.

### **621.03 Open to the Public**

Chairman Downey opened the public portion of the meeting at 6:31 p.m., hearing no comments from the public; the public portion was closed at approximately 6:33 p.m.

### **621.20 Executive Session**

Resolution 2023-068, Authorizing Closed Session Pursuant to the Open Meetings Law, was moved by Mr. Antebi, seconded by Mr. Vilaro-Munet, and passed by a roll call vote of 4 to 0. Resolution 2023-068 follows.

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

**Resolution No. 2023-068**

**BE IT RESOLVED** by the Stony Brook Regional Sewerage Authority ("Authority") on this 26th day of June 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 Construction and General Laborers' Union, Local 172 of South Jersey Agreement and associated revisions.
  - River Road Wastewater Treatment Plant NJPDES Permit
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			
Miguel Vilaro-Munet	X			

**Report of Executive Session**

A discussion occurred regarding the pre-draft permit related to phosphorus and the limit of 1 mg/l and the Construction and General Laborers' Union Local 172 of South Jersey Agreement dated March 29, 2023, from January 1, 2023, through December 31, 2025.

**621.03 Open to the Public**

Chairman Downey opened the public portion of the meeting at 6:46 p.m., hearing no comments from the public; the meeting continued as scheduled.

Dr. Downey directed the meeting to the Finance Section.

**621.04 Finance**

Mr. Vilaro-Munet moved for approval of Resolution 2023-064 Regarding the Payment of Bills and Claims in the amount of \$790,238.65 with two signatures instead of three. The motion was seconded by Mr. Antebi and passed by a roll call vote of 4 to 0. Resolution 2023-064 follows.

**Payment of Bills and Claims**

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

**Resolution No.: 2023-064**

**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 \$790,238.65 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			
Miguel Vilaro-Munet	X			

Treasurer's Report

Mr. Chong reported a net income of \$1,307,519 for the 2023 fiscal year-to-date on May 31, 2023. The Authority has total cash and investments of \$18,785,369. The current construction project balance is \$1,670,549. 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 May was \$158,942, and the cumulative net income for the fiscal year was \$668,807.

Staff recommended approval of Resolution 2023-065. 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 2023-065 was moved by Mr. Vilaro-Munet, seconded by Mr. Antebi, and passed by a roll call vote of 4 to 0. Resolution 2023-065 follows.

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

**Resolution No. 2023-065**

**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.

<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			
Miguel Vilaro-Munet	X			

<b>No Political Contribution Allowed Contract(s)</b>	
<u>Company Name</u>	<u>Service</u>
Bay Crane Service of NJ	Influent Chamber Lid
BR Welding	Installation & Removal of Wye
Corrosion Products Inc.	Chemical & Cleaning Products
Industrial Furnace Co.	In & Out Incinerator Tooth
Nichem	Carbon Replacement
Shafts & Sleeves Co.	Pump & Valve Replacement

Staff recommended approval of Resolution 2023-070, Authorizing Contracts with Certain Approved State Contract Vendors for Contracting Units Pursuant to N.J.S.A 40A:11-12a. This is a state approved contract the Authority anticipates making purchases for this fiscal year.

Resolution 2023-070 was moved by Mr. Antebi, seconded by Mr. Vilaro-Munet, and passed by a roll call vote of 4 to 0. Resolution 2023-070 follows.

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

**Resolution No. 2023-070**

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

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

**WHEREAS**, the Authority intends to enter into contracts with the provided state contract vendors through this resolution and properly executed contracts, which shall be subject to all the conditions applicable to the current State contracts;

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

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

**BE IT FURTHER RESOLVED**, that the duration of the contracts between the Stony Brook Regional Sewerage Authority and state contract vendors shall be from December 1, 2022 to November 30, 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			
Miguel Vilaro-Munet	X			

**State Contract Vendor(s)**

<b>Vendor</b>	<b>Commodity/Service</b>	<b>State Contract #</b>
Miller Energy Inc.	T0983 Environmental Testing Instruments & Equipment	22-FOOD-09931

Mr. Chong reported that the 2024 Budget schedule was provided in the Finance report.

Mr. Chong reported that the 2023 Fiscal Year End Audit is ongoing.

The Director of Division of Local Government Services (DLGS) has extended the filing of the 2022 audit to September 29, 2023, due to a delay in the release of GASB 68 (LFN 2023-10).

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

### **621.02 Approval of Minutes**

The revised minutes from May 22, 2023, Board meeting were approved on a motion by Mr. Vilaro-Munet, seconded by Mr. Antebi, and passed by a unanimous vote.

### **621.05 Board Related Activities**

Ms. Pchola reported that one (1) amendment to the Pure Technologies consultant contract would be discussed in the Construction Section.

Ms. Pchola included a draft of the revised Stony Brook Regional Sewerage Authority Bylaws in the report for Board member review.

A brief discussion took place regarding the draft Bylaws.

Ms. Pchola will include the revised SBRSA Bylaws at the July Board meeting for Board approval.

Ms. Pchola included a draft of the resolution Affirming Terms for the Treatment Works Approval (TWA) Permit Application in the report for the Board member review.

Ms. Pchola will include the revised Affirming Terms for Treatment Works Approval Permit Application resolution at the July Board meeting for Board member approval.

Ms. Pchola reported that the National Association of Clean Water Agencies (NACWA) and Water Environment Federation asked local Authorities to become involved with water systems and PFAS liability. They recommended staff contact our senators by providing them with Resolution 2023-062, In Support of the Proposed Legislation Entitled "Water Systems PFAS Liability Protection Act."

Ms. Pchola recommended for approval Resolution 2023-062, In Support of Proposed Legislation Entitled "Water Systems PFAS Liability Protection Act".

Resolution 2023-062 was moved by Mr. Antebi, seconded by Mr. Vilaro-Munet, and passed by a roll call vote of 4 to 0. Resolution 2023-062 follows.

**Resolution In Support of Proposed Legislation Entitled "Water Systems PFAS Liability Protection Act"**

**Resolution No. 2023-062**

**WHEREAS**, the mission of the Stony Brook Regional Sewerage Authority (SBRSA) is to serve the people that live, work, and visit our communities by providing effective wastewater treatment and disposal services through the use of sound management principles, modern scientific practices and effective planning, and to maintain our infrastructure and safeguard public health; and

**WHEREAS**, the United States Environmental Protection Agency (USEPA) has determined that perfluoroalkyl or polyfluoroalkyl substances (PFAS Substances) are a threat to human health and the environment; and

**WHEREAS**, the USEPA proposes to designate certain PFAS Substances as hazardous substances under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA; a.k.a., Superfund Act); and

**WHEREAS**, under a broad definition of CERCLA, public and private drinking water utilities, wastewater agencies (POTW), stormwater utilities, and biosolids management programs are potentially subject to CERCLA liability with regard to PFAS Substances; and

**WHEREAS**, CERCLA was enacted to hold polluters responsible for environmental cleanups; and

**WHEREAS**, SBRSA is a passive receiver of PFAS Substances and does not manufacture, use, or originate PFAS Substances. Being subject to such a CERCLA designation would ensnare public and private drinking water utilities, wastewater agencies such as SBRSA, stormwater utilities, and biosolids management programs in endless litigation at the expense of taxpayers and ratepayers; and

**WHEREAS**, in the past, some New Jersey utilities have been drawn into Superfund actions even though they are not polluters; and

**WHEREAS**, USEPA assurances that it will rely on its enforcement discretion to keep POTWs from being forced to pay for cleanup under CERCLA may not provide a complete remedy to this issue because, 1) discretion can vary based upon the administration and EPA region, and 2) polluters may employ legal strategies that draw public and private drinking water utilities, wastewater agencies (POTW), stormwater utilities, and biosolids management programs into litigation based upon CERCLA liability; and

**WHEREAS**, taxpayers and ratepayers are "innocent bystanders" and should not be made to expend scarce resources to further subsidize remediation and other costs incurred by producers and manufacturers of PFAS Substances, nor should they be subject to the regulatory uncertainty associated with prosecutorial discretion; and

**WHEREAS**, the cost implications of the proposed CERCLA designation are complicated by the fact that PFAS Substances are not introduced into the environment in a single or several discreet “spills” that can be terminated and remediated, but are continually being introduced into the environment as a result of products that continue to be produced, manufactured and sold by others outside of the scope of SBRSA regulations; therefore, protection from CERCLA liability is necessary.

**NOW, THEREFORE, BE IT RESOLVED** that the Stony Brook Regional Sewerage Authority calls on the Hon. Cory A. Booker and the Hon. Robert Menendez to join Sen. Cynthia Lummis in sponsoring the "Water Systems PFAS Liability Protection Act" because it would explicitly exempt public and private drinking water utilities, wastewater agencies (POTWs), stormwater utilities, and biosolids management programs from CERCLA liability for costs arising from a release to the environment of a covered perfluoroalkyl or polyfluoroalkyl substance, unless liability for damages or costs associated with the release of a PFAS Substance is due to gross negligence or willful misconduct in the discharge, disposal, management, conveyance, or storage of a PFAS Substance.

**I HEREBY CERTIFY** that the foregoing is a true and accurate copy of a Resolution adopted by the Stony Brook Regional Sewerage Authority at their Board meeting on June 26, 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			
Miguel Vilaro-Munet	X			

**621.06 Planning and Administration**

Ms. Pchola reported the current 12-month average daily flow at the River Road WWTP is 9,060,520 gpd with 1,490,689 gpd of inoperative flow, leaving an available capacity of 2,508,791 gpd. The current 12-month average daily flow at the Hopewell WWTP is 241,931 gpd with zero gpd of inoperative flow, leaving an available capacity of 58,069 gpd. The current 12-month average daily flow at the Pennington WWTP is 253,672 gpd with 24,773 gpd of inoperative flow, leaving an available capacity of 166,555 gpd.

Ms. Pchola reported that meter certifications were completed by W.G. Malden, accompanied by staff, on May 31, 2023. All flow meters were within ±5%.

Ms. Pchola reported that on May 1, 2023, at the Millstone Pump Station, the rain event reported last month caused a temporary clog in the wet well screen backed up flow, and surpassed the measurable range. The totalized value for the Millstone Pump Station on May 1, 2023, was



recalculated using the ratio of Millstone Pump Station flow to Meter Chamber No. 7 flow during the same time period.

Ms. Pchola reported that at the North Ridge Meter Station, as a continuation of last month's report, during the monthly meter verification on May 1, 2023, the meter was low by 6.75%. The flow total for May 1, 2023, was adjusted upward by 4.05%, the average calibration error difference between the March 31, 2023, and May 1, 2023 verifications.

Ms. Pchola reported that the Hopewell WWTP continued to experience uncharacteristically low flow on May 1 and 2, 2023, due to a pump failure at the Princeton Farms Pump Station after the heavy rainfall event that occurred on April 29 and 30, 2023. No flow adjustments were made to the Princeton Farms flow.

The Summary of the Meter Summation vs. River Road WWTP Influent Meter indicated a difference of 4.70%, with the River Road Influent Meter reading higher.

### **621.07 Approval Requests and Actions**

Mr. Doelling reported that there is one (1) TWA application for Princeton University Hobson College; Princeton, Mercer County: The Trustees of Princeton University have submitted a TWA application for the construction of a 56,700 square foot building to provide student housing, dining hall, and associated infrastructure.

Staff recommended approval of Resolution 2023-063, Authorizing Endorsement of Application for Treatment Works Approval Statement of Consent for Princeton University Hobson College; Block 45.01, Lot 101; Princeton, Mercer County, for a flow rate of 38,550 gpd.

Resolution 2023-063 was moved by Mr. Vilaro-Munet, seconded by Mr. Antebi, and passed by a roll call vote of 4 to 0. Resolution 2023-063 follows.

### **Resolution Authorizing Endorsement of Application for Treatment Works Approval Statement of Consent for Princeton University Hobson College; Block 45.01, Lot 101; Princeton, Mercer County**

### **Resolution No. 2023-063**

**WHEREAS**, an application for Treatment Works Approval has been submitted to Stony Brook Regional Sewerage Authority (SBRSA) by Langan Engineering and Environmental Services, Inc., on behalf of the Trustees of Princeton University, for the construction of a 56,700 square foot building to provide student housing, dining hall and associated infrastructure; and

**WHEREAS**, the New Jersey Department of Environmental Protection (NJDEP) requires the certification by the Wastewater Treatment Facility Owner, that the committed flow does not

exceed the presently permitted design capacity with the additional flow proposed by this application; and

**WHEREAS**, SBRSA has reviewed the application and calculated the projected flow based on the requirements of the N.J.A.C. 7:14A-23.3 Projected Flow Criteria, and the proposed development will result in a projected flow rate of 38,550 gallons per day (gpd) of sewage flow; and

**WHEREAS**, the project received Princeton Planning Board approval on February 16, 2023; and

**WHEREAS**, TWA Form WQM003-T has been signed by the Sewer Engineer and certified by the Wastewater Conveyance System Owner on May 15, 2023.

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

Stony Brook Regional Sewerage Authority recommends approval of the Treatment Works Approval application for the proposed allocation of 38,550 gpd in accordance with N.J.A.C. Projected Flow Criteria.

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

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

<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			
Miguel Vilaro-Munet	X			

**621.08 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 April 2023 were submitted with no violations reported.

The May DMRs are currently being reviewed.

The annual bioassay for the River Road, Hopewell, and Pennington facilities was conducted during the week of May 15, 2023, and the results (>100%) were electronically reported to NJDEP on June 2, 2023.

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

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

The April 2023 RDMRs are currently being prepared.

## **Air Reporting**

An Affirmative Defense letter, combined with the consent decree, required a follow-up report for the May 9, 2023, Emergency Bypass event, which was sent to the EPA, NJDEP, USDOJ, and NJOAG on May 24, 2023.

## **621.09 Safety**

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

### **Accidents**

As of June 20, 2023, Stony Brook Regional Sewerage Authority has gone 68 consecutive days without any "Lost Time" accidents.

### **COVID-19/Staffing**

There were no new reports of an employee's exposure to COVID-19 during this reporting period.

### **Inspections**

The Right-to-Know survey for the River Road and Upstream WWTPs was completed and submitted on May 23, 2023.

Underground Storage Tank inspections were completed by Crompco, LLC on June 6, 2023.

Fire extinguisher, eyewash station, and safety shower inspections were completed on June 17, 2023.

Survivor Fire is scheduled to conduct fire extinguisher, fire hydrant, and fire sprinkler inspections on June 22, 2023.

The 2023 Kleinfelder Annual Inspection is complete for all plants and remote stations, including the electrical inspections. SBRSA is awaiting the draft report.

## **Training**

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

- Fire Extinguisher
- Fire Safety
- Fall Protection Awareness

## **Miscellaneous**

A Safety Committee meeting was held on June 13, 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 is working with ADT Commercial to repair this system and explore alternative options.

### **621.10 Litigation**

The Litigation Report was discussed in the Executive Session.

### **621.11 Operations Report**

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

Mr. Stewart reported during the week of June 12, 2023, Gravity Thickener No. 1 was taken out of service for cleaning and inspection.

### **Upstream Facilities**

Both Upstream Facilities operated well during this reporting period.

Mr. Stewart reported that during the week of June 5, 2023, at the Hopewell WWTP, the dual media filters were cleaned and the media levels were brought back to design specifications. The process will improve effluent clarity and prolong the duration between backwashing during normal and high flow conditions.

On June 15, 2023, a modification was made to the Pennington WWTP Orbal Tank No. 1. During the recent plant upgrades, a fourth ring was added to both existing tanks, along with additional disc aerators. Additional aeration capacity was needed during certain flow conditions to denitrify the outer ring. A larger electric motor and additional disc were added, allowing for better control of the tank's dissolved oxygen (DO) profile.

There were no Board member comments on the Operations Report. The remainder of the Operations Report is included in the meeting minutes for information.

### **Odors**

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

### **Customer Sludge Deliveries**

The reported quantity of liquid sludge was 7% below the budgeted amount, sludge cake was 12% above the budgeted amount, and gray water was 54% above the budgeted amount for May 2023.

### **621.12 Maintenance**

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

Sludge Receiving Bin Screw Feed (SF) No. 6 and Sludge Storage Bin SF No. 8 were broken. The necessary spare gears were taken from inventory, and Screw Feeders No. 6 and No. 8 were taken out of service for replacement. Prior to installing the new gears, the screws were inspected for any obstructions, but none were found. After removing the broken gears and installing the new ones, the Sludge Receiving Bin SF Nos. 6 and 8 were tested and put back into operation.

On May 31, 2023, the shift operator reported that Ash Conveyor Screw No. 2 was running but not filling the Ash Dumpster. Although the motor and gearbox were operational, the screw conveyor was not turning. Staff locked out Ash Conveyor Screw No. 2 and opened the screw access panels to expose the failed screw. It was discovered that the bolts connecting the drive to the screw stub shaft had broken, preventing the screw conveyor from turning. New bolts were taken from inventory, installed, and torqued to the proper specifications. The Ash Conveyor No. 2 Screw Conveyor was checked for any obstructions or further damage before being tested and returned to service.

Incinerator Sludge Feed Schwing Pump No. 4 was taken out of service on June 7, 2023, due to a reported grinding noise in the screw conveyor gearbox. Staff determined the cause was the gearbox and that the gearbox needed to be replaced. Staff removed the damaged gearbox and

replaced it with a reconditioned unit from inventory. During the installation of the new gearbox, staff replaced the screw packings with high-quality Kevlar/Teflon packing to protect the gearbox lower seals from contamination. All new attaching hardware was also replaced. Once the gearbox was installed and lubricated, Schwing Pump No. 4 Screw Conveyor was tested and returned to operation.

On June 13, 2023, Pennington Orbal Aerator Drive No. 5 was taken out of service, and the 5-hp drive motor was replaced with a 7.5-hp motor. The variable frequency drive was programmed to accommodate the added load. The Orbal Drive No. 5 was then tested and put back in service to resume operation. On June 15, 2023, the Pennington Orbal Aerator Drive No. 5 was again taken out of service, and an additional aerator disc was installed by maintenance to increase the dissolved oxygen (DO) demand at that stage. Once installed and tested, the added disc achieved a higher DO for that stage of the process.

Provided in the report were several graphs that monitor our monthly progress. The current monthly open work requests stand at fifteen (15). On the Preventive Maintenance graph, we averaged two (2) days overdue, and the number of overdue units is approximately eight (8).

### **621.13 Construction Report**

Mr. Doelling reported on the Millstone Force Main Condition Assessment amendment that Pure Technologies (a Xylem Brand) is coordinating pumping services at the Millstone Pump Station to insert the SmartBall<sup>®</sup> and PipeDiver<sup>®</sup> tools.

During the 2017 study, a third-party consultant assisted SBRSA in coordinating these pumping services. The 2023 re-inspection Contract Agreement with Pure Technologies did not include pumping services. However, Godwin, a pump supplier SBRSA typically uses for its pumping work, is now also a Xylem Brand, and is performing the pumping service work at the Millstone Pump Station for insertion of the SmartBall<sup>®</sup> and PipeDiver<sup>®</sup> tools and would be best suited to supply and coordinate pumping services at the inlet chamber. At the request of SBRSA, Pure Technologies has submitted the provided quotation, dated June 9, 2023, to be billed as a pass-through charge for pumping services needed to dewater the influent chamber during the Millstone Force Main inspection work. The cost includes the supply of two (2) eight-inch diesel pumps, associated piping, and man power to operate the pumps. Since SBRSA will have a crane available onsite, the "Boom Truck" and associated operator will likely not be needed but have been included on the quotation pending further coordination. SBRSA will only be billed for services used.

Staff recommends approval of Resolution 2023-067, Authorizing Amendment No. 1 to the "No Political Contributions Allowed" Contract to Pure Technologies (a Xylem Brand) for Inspection Services Related to the Condition Assessment of the Millstone Force Main, which adds the dewatering of the influent chamber to the scope of the Millstone Force Main inspection work, for a not to exceed the cost of \$10,971.91, resulting in a total amended contract amount of \$385,979.91.

Resolution 2023-067 was moved by Mr. Vilaro-Munet, seconded by Mr. Patel, and passed by a roll call vote of 4 to 0. Resolution 2023-067 follows.

**Resolution Authorizing Amendment No. 1 to the  
"No Political Contributions Allowed" Contract to  
Pure Technologies (a Xylem Brand) for Inspection Services  
Related to the Condition Assessment of the Millstone Force Main**

**Resolution No. 2023-067**

**WHEREAS**, the Stony Brook Regional Sewerage Authority contracted with Pure Technologies (a Xylem Brand) on February 27, 2023 to conduct a condition assessment of the Millstone Force Main using the SmartBall<sup>®</sup> leak and gas pocket detection survey and the PipeDiver<sup>®</sup> electromagnetic (EM) inspection, while the force main is in service for the lump sum fee of \$375,000; and

**WHEREAS**, the study is a critical follow up inspection from a 2017 Pure Technologies assessment of the of the 42 and 36-inch diameter Millstone Force Main which identified seven pipe sections with broken wire wrap damage; and

**WHEREAS**, dewatering services required at the influent chamber were not originally provided for in the original Agreement; and

**WHEREAS**, the additional work includes provision of pumping services necessary to dewater the RRWWTP influent chamber during the Force Main inspection; and

**WHEREAS**, on June 9, 2023, Pure Technologies submitted a quotation for additional funding in the amount of \$10,979.91; and

**WHEREAS**, Pure Technologies has submitted an Agreement indicating they will provide the additional pumping services on a lump sum basis not to exceed \$10,979.91, for a total amended contract amount of \$385,979.91, without prior written permission from Stony Brook Regional Sewerage Authority; and

**WHEREAS**, Pure Technologies has submitted a Business Entity Disclosure Certification which certifies that Pure Technologies its subsidiaries, assigns or principals controlling in excess of 10% of the company has neither made a contribution that is reportable pursuant to the Election Law Enforcement Commission pursuant to N.J.S.A. 19:44A-8 or 19:44A-16, in the one (1) year period preceding the award of the contract that would, pursuant to P.L. 2004, c.19, affect its eligibility to perform this contract, nor will it make a reportable contribution during the term of the contract to a municipal political party committee of a governing body that appoints members to the Authority including, Princeton, South Brunswick Township, West Windsor Township, Hopewell Borough, Hopewell Township, and Pennington Borough, when the contract is awarded, or to any municipal candidate committee of any candidate for or holder of municipal elective public office of any such municipality when the contract is awarded, and the contract for said services will not allow political contributions to the Authority or its

members ("No Political Contributions Allowed" contract) pursuant to the provisions of N.J.S.A. 19:44A-20.4 et seq.; and

**WHEREAS**, the Stony Brook Regional Sewerage Authority has funds available in retained earnings.

**NOW THEREFORE, BE IT RESOLVED** that the Board of the Stony Brook Regional Sewerage Authority authorizes the Chairman to amend the contract with Pure Technologies (a Xylem Brand) through Amendment No. 1 as described herein; and,

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

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

Mr. Doelling reported that the current Engineering Office Trailer no longer accommodates the engineering team and the need for additional file space. The provided memo evaluates the cost of renting versus buying and concludes that the cumulative rental costs would surpass an owned unit's purchase and maintenance cost within seven (7) years. The Office Trailer has been onsite for over 28 years and is under good care. A new trailer should last equally as long, if not longer. Staff recommends the purchase of a new Engineering Trailer.

It was determined that purchasing a new trailer would be the best alternative, and a discussion took place regarding the timing and location of the new Engineering trailer.

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:** On June 8, 2023, staff received a preliminary draft Surface Water Major Modification Permit Action for the River Road WWTP NJPDES permit. The proposed permit modification includes: removal of the bromodichloromethane and chlorodibromomethane limits from the permit, moving these parameters to the semi-annual Waste Characterization Report (WCR); removal of the Chlorine Produced Oxidant (CPO) limits from the permit, moving this parameter to the annual WCR; and the addition of an action level for Total Phosphorus of 1.0 mg/l when the Millstone River has a flow rate of less than 100 cfs. One Water Consulting is preparing a comment letter to address the proposed permit Major Modification.



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

**2023 Annual Odor Study:** Odor sampling is scheduled for August 29 and 30, 2023.

**River Road WWTP Main Substation Replacement or Rehabilitation Study:** ELECSYS Engineering Group was onsite June 15, 2023, to meet with staff and begin the evaluation of electrical improvements necessary to replace the aging main substation and to accommodate electrical load increases due to recent, current and future plant improvements and upgrades.

## **Design**

**Hopewell WWTP Upgrade (Contract 22-4):** Staff continues its work to address the Delaware and Raritan Canal Commission's (DRCC's) request for a stream corridor conservation easement on the plant site. Staff is reviewing the scope and applicability of the easement before proposing a corridor to the Commission.

On June 13, 2023, staff received additional follow-up comments from the New Jersey Office of the State Comptroller. Kleinfelder is in the process of addressing the comments.

## **Construction**

**Contract 19-2 River Road WWTP UV Disinfection and Filtration Project:** On May 5, 2023, NJDEP office of Municipal Finance and Construction conducted an interim inspection of the project. No issues were noted. The inspection report was provided in the report.

As of Payment Application No. 23, the project is 86% complete (by value). During this period, Allied completed installing the Disc Filter Building roof framing steel and continued the installation of the Disc Filter platform framing and grating. Work scheduled for next month includes the installation of the roofing system. The projected substantial completion date for commissioning the Disc Filters is November 2023. The demolition of the existing Filter Building filters, replacement of the interior components of the Backwash Storage Tank, and final punch list activities are projected to occur by April 2024.

Resident Inspection update: During the Four (4) week period (May 1 through 28, 2023), SBRSA received two hours of onsite technical assistance (OTS, original contract) and 94.75 hours of onsite resident inspection (RI). Broadly, the total onsite time (onsite technical assistance and resident inspection) was 96.75 hours, 31.25 hours below the projected estimate. Focusing specifically on the resident inspection services, since the amendment, we have observed an average of 22.4 hours per week, 9.6 hours below the projected average, and 150.25 hours below the projected cumulative total.

## **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 underway. The next phase of the PLC upgrade, consisting of the Liquid Sludge System, Odor Control Building, and CEMS units, will

begin in July.

**Contract 23-1 Replacement of Failed Nitrification Tank Aerator Reducing Gear:** The kick-off meeting and notice to proceed with this project occurred on June 14, 2023. The projected lead time on the new reducing gear is 20 weeks.

**Project 23-2 Replacement of Odor Control Carbon at the South Brunswick Pump Station:** Scope of work and Request for Quotations were distributed to vendors. Three quotations were received.

NICHEM CO.:	\$12,650
Carbon Activation Corporation:	\$19,450
BR Welding, Inc.:	\$38,000

The provided memorandum recommended that the Maintenance Department proceed with the work using NICHEM CO., the lowest quote of \$12,650.

### **Process Control/SCADA**

Preventative maintenance was completed for all field devices and process control loops.

**SBRSA Asset Management and Maintenance Tracking:** Implementation of the asset management and maintenance tracking system for transportable/removable assets and devices is ongoing, which includes IT equipment, such as computers, monitors, desk phones, and uninterruptible power supplies. The system is additionally being rolled out to include safety devices, such as fire extinguishers and ladders. Once proven successful, the asset management and maintenance program will be expanded to include additional asset categories.

**Miscellaneous Repair:** Instrumentation staff completed the following list of unscheduled repairs during this reporting period.

- River Road WWTP
  - Replaced the relay control box for the sump pumps in the Chemical Building basement.
  - Repaired the surface wash valve on Filter No. 6.
  - Investigated and corrected issues with Filter No. 2 and No. 4 effluent control valves.
  - Replaced the high-level float in the Chemical Building sump pit.
  - Upgraded the burner controllers for Incinerator No. 1, burners 303a, 303b, 303c, and 305c, to the latest version.
  - Added test ports to the Differential Pressure, Quencher flow, and Condensing Tray flow instrument piping on both scrubbers to simplify calibration.
  - Investigated a ground-fault issue on the Process Drain pump No. 2 motor.
  - Replaced the dissolved oxygen (DO) sensor in Nitrification Aeration Tank Stage 3.
  - Replaced the DO sensor calibration caps in Modified Aeration (MA) Tank Nos. 1, 2, and 3.

- Replaced the DO sensor calibration caps in Nitrification Aeration Tank Nos. 4, 6, 7, and 8.
- Installed new pressure gauges on the MA blowers and replaced the clogged snubber fittings.
- Pennington WWTP
  - Replaced a UV bulb on UV System B.
  - Replaced the effluent flow meter due to output signal faults.
  - Reconfigured the drive parameters for Orbal Tank No. 1 and Aerator Drive No. 5 to accommodate a larger motor.
  - Installed a 20-amp outlet for a new UPS in the PLC cabinet.
- Hopewell WWTP
  - Corrected an issue with the sodium hypochlorite pump No. 1 control wiring.
- Princeton Pump Station
  - Performed a harmonics and power factor analysis of the variable frequency drives for the sewage pumps Nos. 1-4.

## INFORMATION TECHNOLOGY

### General:

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

During this reporting period:

- Three server backups (*svr03*, *svr05*, *svr10*) were checked for corruption and readability. All backups are valid and recoverable.
- A new Uninterruptable Power Supply (UPS) for the Pennington Plant PLC cabinet has been installed and is operating as expected.
- IT Staff assisted lab personnel in the automation of uploading DMR data to the state website. DMR reporting data was successfully generated from Operator10, transferred to Excel, and transferred to NJDEP website automatically.
- On June 16, 2023, the MGE Galaxy 3500 30kVA UPS was found faulted in an automatic "bypass" mode. Operations executed an incinerator burn-out and the fault alarm was investigated. Upon testing, the unit appeared to be responding normally and the batteries all report to be in good operating condition. As a precautionary measure, IT has opened a helpdesk ticket with Schneider-Electric for a service call on the unit.

### Asset Management and Maintenance Tracking:

- All computer monitors have been added to the asset tracking software.
- Staff continues to add workstations, IP phones, switches, and assorted devices to the inventory.
- IT staff continues its efforts to develop an asset management tracking and preventative maintenance schedule for all Uninterruptable Power Supply (UPS) devices.

### Trace Environmental WebDAS2K:

The new Trace WebDAS2K system is now in a test phase, collecting data for comparison to the current TRACE Data Acquisition System.

**KnowBe4 Annual Security Awareness Training:**

The annual cyber-security awareness training is 100% complete. One employee will require re-training upon return from medical leave.

**621.14 Personnel Report**

Ms. Pchola reported two (2) Operators were promoted, one (1) Operator resigned, and an employee returned from a leave of absence.

**621.15 Correspondence**

For information only.

**621.16 Old Business**

Nothing to report.

**621.17 New Business**

Mr. Stewart reported that on Thursday, June 15, 2023, at 11:00 a.m., sealed bids for the Bid of Hauling and Disposal of Grit and Screenings were opened. For comparison purposes, the bid documents specified an annual quantity of 20 filled containers, each holding 20 cubic yards. Two bids were received, noted in the memo.

The hauling fee per container is \$1,200.00, and a tipping fee of \$119.56 per ton. The cost is the same for the 12-month and 24-month periods.

The last contract was a 24-month contract awarded to Spectraserv at a cost of \$72,560.00.

After reviewing the low bidder's package and finding it in order, staff recommended approval of Resolution 2023-066, Award Contract for the Hauling and Disposal of Grit and Screenings, that a two-year contract be awarded to the low bidder, Spectraserv, in the amount of \$95,824.00.

Resolution 2023-066 was moved by Mr. Vilaro-Munet, seconded by Mr. Antebi, and passed by a roll call vote of 4 to 0. Resolution 2023-066 follows.

**Resolution to Award Contract for the  
Hauling and Disposal of Grit and Screenings**

**Resolution No. 2023-066**

**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 bid of hauling and disposal of grit and screenings; and

**WHEREAS**, the following sealed competitive bids were received by the Authority on June 15, 2023, as more fully set forth in the attached Bid Tabulation Sheet:

	<b>Hauling Fee</b>	<b>Tipping Fee</b>	<b>Total Price</b>
<b><u>Twelve (12) Months</u></b>			
Spectraserv	\$24,000.00	\$23,912.00	\$47,912.00
Synagro	No Bid	No Bid	No Bid
<b><u>Twenty-Four (24) Months</u></b>			
Spectraserv	\$48,000.00	\$47,824.00	\$95,824.00
Synagro	No Bid	No Bid	No Bid

**WHEREAS**, the Authority has determined that the bid of Spectraserv is the responsible bid and the only bid; and

**WHEREAS**, the bidder, Spectraserv submitted a bid in the amount of \$47,912.00 for a one-year contract, and a bid of \$95,824.00 for the two-year 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 the same have been determined to be in order; and that the Authority can waive informalities and 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 Grit Removal line account 3000-4509. 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 that it hereby awards a two-year contract effective August 1, 2023, for the bid of the hauling and disposal of grit and screenings to Spectraserv, the lowest responsive bidder; 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 Spectraserv.

<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			
Miguel Vilaro-Munet	X			

Ms. Pchola reported that on June 1, 2023, SBRSA, through Gabel Associates, accepted indicative pricing of \$3.33600/dth for twelve (12) months for the remaining 50% (6-months) of the commodity portion of the natural gas contract. The Authority has one (1) twelve-month contract of the 36-month term commencing with the August 2023 meter read, with a fixed upcharge of \$0.119660/therm (\$1.19660/dekatherm). The remaining two (2) years of the natural gas commodity portion is not contracted.

**621.18 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 7:25 p.m.

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

**621.21 Action Item from Executive Session**

Dr. Downey requested a motion to approve Resolution 2023-069, Authorizing Approval of the Revised Contract Between Stony Brook Regional Sewerage Authority and Construction and General Laborers' Union, Local 172 of South Jersey.

Mr. Antebi moved Resolution 2023-069, seconded by Mr. Vilaro-Munet, and passed by a roll call vote of 4 to 0. Resolution 2023-069 follows.

**Resolution Authorizing Approval of the Revised Contract Between Stony Brook Regional Sewerage Authority and Construction and General Laborers' Union Local 172 of South Jersey**

**Resolution No. 2023-069**

**WHEREAS**, the Stony Brook Regional Sewerage Authority (Authority) has an existing Agreement with Construction and General Laborers' Union Local 172 of South Jersey (Union) that expired on December 31, 2022; and

**WHEREAS**, the Authority has negotiated a revised Union Agreement as outlined in the Memorandum of Agreement and the revised Agreement dated March 29, 2023, and as approved on June 26, 2023, and made part of this Resolution; and

**WHEREAS**, the term of the Union Agreement covers the period of January 1, 2023, through December 31, 2025; and

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

The Board approves the Memorandum of Agreement dated June 26, 2023, and the Union Agreement dated March 29, 2023, approved June 26, 2023, that revises the existing Agreement between the Authority and the Union in part, including a base salary increase of 3.0% for all Union personnel retroactive to January 1, 2023, a base salary increase of 3.0% starting on January 1, 2024, and a base salary increase of 3.0% starting on January 1, 2025, with the Agreement ending December 31, 2025; and

**BE IT FURTHER RESOLVED** that the Board Chairman and Board Secretary are authorized to execute the final Agreement once placed in a form satisfactory to the Authority's negotiations attorney.

**BE IT FURTHER RESOLVED** that 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 A. Goldfarb				X
C. Schuyler Morehouse				X
Bharat Patel	X			
Miguel Vilaro-Munet	X			

**621.22 Adjournment**

As no further business was to come before the Board, the meeting was adjourned at 7:30 p.m. on a motion by Mr. Vilaro-Munet, seconded by Mr. Patel, and passed by unanimous vote.

Respectfully Submitted,

Antonia Pchola  
Secretary

Recorded and Written by  
Angela Christiano  
July 12, 2023