

Minutes of Meeting No. 619, April 24, 2023 – Stony Brook Regional Sewerage Authority

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

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

MEMBERS ABSENT:

CONSULTANTS: Alexander, Knoth, Tracey

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

619.01

Chairman Downey opened the regularly scheduled meeting at 6:31 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 Finance Section.

619.02 Finance

Mr. Goldfarb moved for approval of Resolution 2023-045 Regarding the Payment of Bills and Claims in the amount of \$1,225,914.66, with two signatures instead of three. The motion was seconded by Mr. Morehouse and passed by a roll call vote of 6 to 0. Resolution 2023-045 follows.

Payment of Bills and Claims

Resolution to Approve Payment of Bills and Claims

Resolution No.: 2023-045

WHEREAS, the Stony Brook Regional Sewerage Authority received certain claims against it by way of voucher, and

WHEREAS, the staff and Authority members have reviewed said claims,

NOW, THEREFORE, BE IT RESOLVED by Stony Brook Regional Sewerage Authority that these claims in the total amount of \$1,225,914.66 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			

Mr. Chong reported that the Revenue Refund Bond Series 2023 sale was on March 30, 2023, which was successful. The total debt savings was \$377,732, which equates to a net present value of \$244,567 or 5.09% of the bond being refunded. The current Debt Reserve Fund amount of \$544,000 was transferred to escrow to reduce the bond amount issued. The total reduction of future debt service is \$921,732, which equates to approximately \$90,900 per year for the next ten (10) years.

Mr. Chong introduced Ms. Tracey from Phoenix Advisors to provide additional updates.

Ms. Tracey reported that the net present value is net of all the costs and that there were many buyers for the bond.

Treasurer’s Report

Mr. Chong reported a net income of \$705,766 for the 2023 fiscal year-to-date on March 31, 2023. The Authority has total cash and investments of \$18,437,617. The current construction project balance is \$1,712,628. There are sufficient funds for these projects. The outstanding bond principal balance is \$15,153,349.

Monthly Sludge Business Analysis

Mr. Chong reported that the net income figure for March is \$136,578, and the cumulative net income for the fiscal year is \$452,258.

Staff recommended approval of amended Resolution 2023-046 to include Potter & Parsons and Scott Testing. 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.

Amended Resolution 2023-046 was moved by Mr. Goldfarb, seconded by Mr. Vilaro-Munet, and passed by a roll call vote of 6 to 0. Resolution 2023-046 follows.

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

Resolution No. 2023-046

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			

No Political Contribution Allowed Contract(s)	
<u>Company Name</u>	<u>Service</u>
Applied Industrial Technologies	Bearings, Belts, Gear and Gearboxes
Hesco Electric Supply Company	Electrical Supply
Hough Petroleum Corp.	Gearbox, Hydraulic Oil
Lockwood’s Electrical Motor Service	Electric Motor Repair
Marshall Industrial Technologies	Fan Balancing, Machine Shop Service
Potter & Parsons	Pump Parts
Scott Testing	Electrical Code Work and Testing

Mr. Goldfarb requested an update on the Fiscal Year-End 2022 Audit.

Mr. Chong reported that the audit is with the auditors. A draft of the financial statements has been provided to them. They are awaiting GASB 68 to be published to finalize the audit.

Mr. Goldfarb requested that the Finance Committee review the final financial statements before being distributed to the Board.

A discussion occurred regarding the updated natural gas and electricity pricing and its effect on the budget.

Ms. Pchola reported that Gabel Associates continues monitoring natural gas commodity prices.

Ms. Pchola reported that staff signed the electricity contract for a 75% fixed price (hedged), and 25% market value.

To their knowledge, staff reported that the electricity and natural gas expenses would align with the 2023 budget.

Mr. Goldfarb reported any deviation in electricity and natural gas expenses would not likely be material to cause the Board any concern.

619.02 Approval of Minutes

The revised minutes from March 27, 2023, Board meeting were approved on a motion by Mr. Morehouse, seconded by Mr. Patel, and passed by a unanimous vote.

619.03 Open to the Public

Chairman Downey opened the public portion of the meeting at 6:42 p.m., hearing no comments from the public; the meeting continued as scheduled.

619.04 Board Related Activities

Ms. Pchola reported that the Member List/Municipal Information was provided in the report, and any changes should be emailed to Ms. Christiano.

Ms. Pchola reported there is one (1) consultant contract for approval. The contract will be discussed in the Construction section.

619.05 Planning and Administration

Ms. Pchola reported that in February's Monthly Flow Transmittal, the flow data was revised to note that on February 28, 2023, the meter reached its maximum range, and flow was adjusted.

Ms. Pchola reported the current 12-month average daily flow at the River Road WWTP is 9,348,168 gpd with 1,513,260 gpd of inoperative flow, leaving an available capacity of 2,198,572 gpd. The current 12-month average daily flow at the Hopewell WWTP is 260,153 gpd with zero gpd of inoperative flow, leaving an available capacity of 39,847 gpd. The current 12-month average daily flow at the Pennington WWTP is 274,246 gpd with 24,789 gpd of inoperative flow, leaving an available capacity of 145,965 gpd.

Ms. Pchola reported that staff performed the meter verification on March 1, 2023. All flow meters were within $\pm 5\%$.

Ms. Pchola reported that West Windsor Township continues to conduct repairs in its sanitary sewer system. As a result, adjustments were required when the meter reached its maximum range on March 1, 2, 6, 7, 8, and 15, 2023, and flows were adjusted for each day.

Ms. Pchola reported that Mr. Scott Cevera, South Brunswick Township's Director of Utilities, contacted her about an 18-inch pipeline failure on their Quentin Road trunk line. The South Brunswick staff had to temporarily divert flow from the SBRSA system (from their regional Pump Station No. 7 in Kendall Park) to the Middlesex County Utilities Authority (MCUA) system. As reported by South Brunswick, "The flow was diverted from our Pump Station No. 7 to MCUA on March 21, 2023, at 2:00 p.m. The flow was diverted back to SBRSA on March 23, 2023, at 10:15 a.m."

Ms. Pchola reported that on March 6, 2023, the Pennington Influent Meter totalizer data was incomplete for three (3) hours, and the flow data was adjusted to account for those three (3) hours.

The Summary of the Meter Summation vs. River Road WWTP Influent Meter indicated a difference of 7.80%, with the River Road Influent Meter reading higher.

619.06 Approval Requests and Actions

Mr. Doelling reported that there is one (1) TWA application for approval located at 10/14 Vandeventer Avenue, Princeton. On behalf of Vandeventer Properties, LLC, Kensho Resources has submitted a TWA application for the proposed demolition of an existing 2-Family Building and construction of a 10-unit Apartment Building.

The proposed development will result in a projected sewage flow rate of 2,400 gpd.

Staff recommended approval of Resolution 2023-047, Authorizing Endorsement of Application for Treatment Works Approval Statement of Consent for 10/14 Vandeventer Avenue (a.k.a. 19 Lincoln Court); Block 27.04, Lots 17 & 70; Princeton, Mercer County.

Resolution 2023-047 was moved by Mr. Morehouse, seconded by Mr. Goldfarb, and passed by a roll call vote of 6 to 0. Resolution 2023-47 follows.

**Resolution Authorizing Endorsement of Application for Treatment Works
Approval Statement of Consent for 10/14 Vandeventer Avenue (a.k.a. 19 Lincoln Court);
Block 27.04, Lots 17 & 70; Princeton, Mercer County**

Resolution No. 2023-047

WHEREAS, an application for Treatment Works Approval has been submitted to Stony Brook Regional Sewerage Authority (SBRSA) by Kensho Resources, LLC on behalf Vandeventer Properties, LLC for the proposed demolition of an existing 2-Family Building and construction of a 10-unit Apartment Building (two 3-bedroom and eight 2-bedroom units); 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 2,400 gallons per day (gpd) of sewage flow, and

WHEREAS, the Princeton Zoning Board of Adjustment granted “c” and “d” variances and preliminary and final major site plan approval for the project on January 23, 2023; and

WHEREAS, TWA Form WQM-003T has been signed by the Sewer Engineer and certified by the Wastewater Conveyance System Owner on April 17, 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 2,400 gpd in accordance with N.J.A.C. Projected Flow Criteria.

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

BE IT FURTHER RESOLVED by the Stony Brook Regional Sewerage Authority that the approval shall remain in effect as stipulated in SBRSA’s Revised Resolution Affirming Terms for 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			

Mr. Doelling reported that on behalf of Bear Creek Senior Independent Living Facility located in West Windsor, Blackpoint Group, LLC has requested a second extension due to the COVID crisis, which interrupted the finalizing of construction documents. The project construction should commence by July 1, 2023, with occupancy anticipated 18 months later.

The TWA extension is for a flow rate of 32,270 gpd for the Bear Creek Senior Independent Living Facility project to May 9, 2024, four years from the NJDEP's approval of the Treatment Works.

Staff recommended approval of Resolution 2023-048, Resolution Authorizing Time Extension of Treatment Works Approval for Bear Creek Senior Independent Living Facility, Block 33, Lot 1.02, West Windsor, Mercer County.

Resolution 2023-048 was moved by Mr. Morehouse, seconded by Mr. Goldfarb, and passed by a roll call vote of 6 to 0. Resolution 2023-048 follows.

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

Resolution No. 2023-048

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

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

WHEREAS, the Stony Brook Regional Sewerage Authority (SBRSA) has previously granted a one-year time extension for this project until May 9, 2023; and

WHEREAS, in accordance with SBRSA's Revised Resolution Affirming Terms for Approvals for TWA-1 Sewer Extension Applications as Amended 11/26/01, the applicant has requested an additional time extension; and

WHEREAS, the applicant has provided requested detailed information for an extension in accordance with the Authority's amended resolution dated 11/26/01; and

WHEREAS, the project is more particularly described in the Treatment Works Approval Permit Application Form (TWA-1), on file at the offices of the SBRSA; and

WHEREAS, the West Windsor Township counsel granted this project a reservation of sewer capacity on March 9, 2020, and a one-year time extension by the via resolution No. 2023-R065, dated March 9, 2022; and

WHEREAS, this project was granted an additional time extension by the West Windsor Township counsel via resolution No. 2023-R065, dated March 13, 2023; and

WHEREAS, in accordance with SBRSA’s Revised Resolution Affirming Terms for Approvals for TWA-1 Sewer Extension Applications as Amended 11/26/01, no time extension will be granted beyond April 27, 2025

WHEREAS, SBRSA has reviewed the time extension request; and

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

Stony Brook recommends approval of the time extension request for the Treatment Works Approval of the 32,270 gpd proposed allocation for the Bear Creek Senior Independent Living Facility project.

The time extension shall remain in effect until May 9, 2024, which is four years from the date of NJDEP’s approval of the Treatment Works.

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

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

BE IT FURTHER RESOLVED that this resolution is further conditioned upon the submission of annual reports describing all treatment works and project construction, and accounting for connected and unconnected flows, until all allocated flows are connected.

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

Mr. Doelling reported that the projected flow rate of 9,300 gpd for the proposed development at 195 Nassau Street was added to the inoperable flow for Princeton.

619.07 Regulatory Report

Mr. Doelling reported that the final results for Incinerator No. 2 stack test results, including RTO and Afterburner, are within 5 to 10% of the passing limits. Staff presumes that SBRSA will be on an every three (3) year testing schedule for Incinerator No. 2.

Mr. Doelling reported that the Incinerator No. 1 stack tests will be reported next month. Staff is waiting for the reports.

There were no other 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 February 2023 were submitted with no violations reported.

The March DMRs are currently being reviewed.

Residuals Discharge Monitoring Report (RDMR)

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

The February 2023 RDMRs are currently being reviewed.

Air Reporting

The 1st quarter 2023 Excess Emissions and Monitoring Performance Reports are currently being prepared.

The 1st quarter 2023 Bypass report was submitted on April 6, 2023. There have been zero emergency bypass stack events during the first quarter of 2023.

On April 10, 2023, staff responded to a Request for Information (RFI) from NJDEP related to hotline calls and associated affirmative defense letters previously submitted for events occurring in December 2022.

The 2022 Annual Emission Statement is being prepared.

The 2023 Q1 Quarterly Report detailed in paragraph 28 of the 2022 Consent Decree is being prepared. Staff anticipates submitting this document later this month. The report is due 45 days after the last day of the calendar quarter. A copy of the report (without attachments) will be included in next month's report.

Laboratory

The laboratory renewal certification applications for River Road, Hopewell, and Pennington WWTPs were submitted to NJDEP on March 24, 2023.

619.08 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 April 18, 2023, Stony Brook Regional Sewerage Authority has gone 439 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

Signature Safety conducted the Right-to-Know survey for the River Road WWTP on April 11, 2023. Inspection of the upstream plants and remote stations is scheduled to be completed on April 26, 2023.

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

The 2023 Kleinfelder Annual Inspection is underway. The Priority 1 Safety Items list from the 2022 Annual Inspection has been updated (attached). The item: *‘Remove protruding bolts from two (2) floor hatches on the 3rd level’* was completed on March 17, 2023.

Training

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

- Personal Protective Equipment
- Confined Space Entry
- Lock Out/Tag Out (Control of Hazardous Energy)
- Ladder Safety/Walking & Working Surfaces
- Hazard Communication/Globally Harmonized System (GHS)
- Bloodborne Pathogens

619.09 Litigation

Dr. Downey reported that Ms. Alexander would be removing the River Road Title V Air Permit section of the Litigation Report since this issue is settled.

Ms. Alexander reported that nitrates are the remaining issue regarding the River Road NJPDES Permit. The status conference was adjourned at the request of DAG Delahunty until February 6, 2023, then adjourned again until April 12, 2023, and then adjourned again to May 17, 2023.

Ms. Alexander reported that she had reviewed the Quarterly Report for the Consent Decree and thought it was comprehensive. There was a lot of effort by staff preparing the report.

619.10 Operations Report

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

Mr. Stewart reported that on March 27, 2023, a potable water leak was found in a section of pipe along Princeton Sewer Committee's (PSC) secondary access road. Joseph Jingoli & Son Inc. (Jingoli) was contacted to assess the damage and make the necessary repairs. On March 28, 2023, a crew from Jingoli began excavating the area of the suspected leak and repaired the damaged section of the pipe. After repairs were made, the line was charged and checked for leaks. In addition to checking the repair, the entire length of the pipe along PSC's roadway was checked for any additional leaks. Provided in the report were two pictures of the damaged pipe section.

On April 11, 2023, Operators began deep cleaning the Multimedia filters. During the winter months, solids begin to slowly buildup within the layers of media, and as a result, short circuiting occurs. This process includes mechanical repairs to the piping and Surface Wash System, then backwashed multiple times to ensure any "mudballs," sludge, and media adhere to create clumps, are broken up, and the full filtering capacity is regained.

Upstream Facilities

Both Upstream Facilities operated well during this reporting period.

On March 4, 2023, Operators cleaned the Post Aeration Tank at the Pennington WWTP. On March 6, 2023, Operators cleaned the Disc Filters and inspected the filter sections. Damaged sections of the Disc Filters are replaced as needed to ensure proper filtration and solids capture.

On March 13, 2023, the Contact Tanks and Post Aeration Tanks for the Hopewell WWTP were cleaned of deposits and algae growth to ensure effluent quality.

Odors

Staff received no Odor Complaints from our surrounding area during March 2023. Staff received no odor complaints during the partial April 2023 reporting period. The total April

number of odor complaints will be reported in May 2023. The odor complaints appear on the provided graph showing the yearly complaints received from January 1998 to March 2023.

Customer Sludge Deliveries

The reported quantity of liquid sludge was 14% above the budgeted amount, sludge cake was 17% above the budgeted amount, and gray water was 25% above the budgeted amount for March 2023.

Mr. Stewart reported that the increase in sludge cake is due to Atlantic County Utilities Authority (ACUA) deliveries while their incinerator is being repaired.

Ms. Pchola reported that we are receiving the Township of Medford liquid sludge deliveries from a new hauler.

619.12 Maintenance

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

During routine surveillance, the Modified Aeration (MA) No. 2 Aerator gearbox was reported to be leaking oil onto the concrete area under the motor coupling. Upon further inspection, the leak was determined to be caused by a failed pinion shaft seal between the motor and gearbox. On March 21, 2023, the No. 2 Aerator was taken offline, locked out, and the motor was removed to access the shaft seal to make the repair. While removing the damaged seal, a sleeve was installed on the worn pinion shaft to restore the surface sealing area along with the new oil seal. During reassembly, a new motor coupling was added, as well as oil, to restore to the proper level. The Aerator was tested and placed back into service.

On March 24, 2023, while backwashing Filter Cell No. 4, the operator reported that the surface wash was not functioning. The 6-inch supply line was found leaking at the supply piping connection near the wall. Filter Cell No. 4 was drained to access the leaking pipeline, and a 6-inch repair clamp was fitted and installed around the damaged connection. When the installation was completed, the surface wash 6-inch supply line was charged, tested for proper operation, and returned to service.

Belt Filter Press No. 3 was removed from service on March 23, 2023, to replace the upper and lower sludge scraper blades that had become worn. While removing the lower scraper blade, the entire frame was found bent and severely corroded. The damaged frame was removed, a new stainless steel frame taken from inventory was installed, and the scraper blades on both the upper and lower frames and the belt support plates were replaced. On March 24, 2023, Belt Press No. 3 repair was completed and placed back into operation.

On April 3, 2023, Sludge Thickener Tank No. 2 Scum Collector Skimmer was removed to replace the rubber skim plate. During removal, corrosion damage was discovered to the hinge

support tube and hinge shafts. Materials were on hand to fabricate the corroded tube and mounting base with stainless steel. When completed with the fabrication of the main frame, the hinges were replaced with new shafts and hardware. The new rubber skim plate was then fitted and installed. On April 11, 2023, the reconditioned Scum Collector Skimmer was installed, adjusted, and returned to service.

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 four (4).

619.12 Construction Report

Mr. Doelling reported that staff met with Pure Technologies on April 5, 2023, regarding the Millstone Force Main Condition Assessment. The inspection is expected to begin on July 10 through 14, 2023.

Mr. Doelling reported that Kleinfelder began the 2023 Annual Inspection.

Mr. Doelling reported that at the request of staff, TRC had submitted a proposal to conduct a two-day odor sampling and analysis at the River Road Wastewater Treatment Plant and two off-site locations. TRC has provided this service for several years. This data is used as a historical benchmark for the levels of odors around the plant site. In addition to the usual 36 samples, two additional samples will be collected near the off-site locations in the evening between 10:30 and 11:00 p.m. The sampling will be scheduled for August 29 and 30, 2023, pending Board approval. The cost for the 2022 odor study work was \$19,725

Staff recommended approval of Resolution 2023-049, Authorizing the Award of a “No Political Contributions Allowed” Contract to TRC for Odor Sampling and Analysis at the River Road WWTP in the amount of \$19,860.

Mr. Morehouse moved Resolution 2023-049, as it was discussed during the Construction Committee meeting and seconded by Mr. Antebi.

Mr. Goldfarb stated that the odor testing reports are important to the Authority. It helps with determining and reducing the odor problem for our neighbors.

Resolution 2023-049 was passed by a roll call vote of 6 to 0. Resolution 2023-049 follows.

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

Resolution No. 2023-049

WHEREAS, the Stony Brook Regional Sewerage Authority (SBRSA) has a need for the continuation of odor sampling in the summer of 2023 at the River Road Wastewater Treatment Plant (WWTP) and two (2) off-site locations; and

WHEREAS, the analysis will be used as a comparison to the analysis that was conducted in 2009 through 2022 to determine the odor characteristics at the River Road WWTP; and

WHEREAS, TRC has conducted this sampling and analysis in 2009 through 2022 and for continuity and consistency of the data TRC should conduct the sampling and analysis in 2023; and

WHEREAS, the term of this contract will take place during SBRSA’s FY 2023; and,

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

WHEREAS, TRC has submitted a proposal dated April 18, 2023 indicating they will provide the sampling and analysis on a time and materials basis not to exceed \$19,860 without prior written approval from SBRSA; and

WHEREAS, TRC has completed and submitted a Business Entity Disclosure Certification for FY 2023 which certifies that TRC has not made any reportable contributions to a municipal political party committee of a governing body that appoints members to the Stony Brook Regional Sewerage Authority including Princeton, South Brunswick Township, West Windsor Township, Hopewell Borough, Hopewell Township and Pennington Borough in the previous one year, and that the contract will prohibit TRC, from making any reportable contributions through the term of the contract, and

WHEREAS, the Finance Director has certified funds are available in the 2023 Budget Service Contracts/Outside Services line account 4000-3511.

NOW, THEREFORE, BE IT RESOLVED that the Board of the SBRSA authorizes the Chairman to enter into a contract with TRC as described herein; and

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			
Miguel Vilaro-Munet	X			

Mr. Doelling reported on Contract 22-4 Hopewell WWTP Upgrade Project. Staff and its consultants attended/testified at the virtual public Hopewell Township Planning Board hearing on March 23, 2023. The site plan for the project was approved. A resolution will be offered to the Hopewell Township Planning Board for potential adoption at its upcoming meeting.

Dr. Downey said the Hopewell Township Planning Board meeting will be held on Thursday, April 27, 2023.

Mr. Doelling reported that Contract 19-2 River Road WWTP UV Disinfection and Filtration Project, as of Payment Application No. 21, is 83% complete.

Mr. Doelling reported Contract 23-1 Nitrification Tank Aerator Gearbox Replacement has been advertised. The site pre-bid tour is scheduled for April 25, 2023. The bid opening is scheduled for May 2, 2023.

A discussion occurred regarding the River Road WWTP UV system that has been online since August 2022 and a cost comparison of the previous disinfection system and the new UV system.

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: There has been no official action from NJDEP on the Phosphorous study. Staff is voluntarily exploring process changes to lower phosphorus. Kleinfelder is assisting staff with this effort under the General Advice Account.

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

Small Capital Projects

Project 22-2 GE 90-30 PLC Upgrade: Analog input modules are still backordered. The River Road Operations Building 90-30 PLC upgrade has been completed. New control logic and operator interface screens are being created for the Belt Filter Press PLCs. Once complete, staff will proceed with the upgrade of the Belt Filter Press PLCs.

Process Control/SCADA

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

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

- Incinerator-related tasks
 - Replaced the calibration span gas on CEMS No. 1.
 - Installed a new SCR controller for the WESP purge air heater.
 - Replaced the standard salt bridge for the Scrubber No. 1 pH probe with a ceramic salt bridge.
- River Road WWTP
 - Rebuilt the Filter 5 drain valve positioner internals and replaced the solenoid coil.
 - Rebuilt the Filter 5 cell waste actuator seals.

- Replaced surface wash actuator on Filter 6.
- Restored the Belt Filter Press No. 3 PLC control logic after it was erased during a scheduled shutdown.
- Reconfigured the Belt Filter Press No. 3 belt drive to take speed commands directly from the operator interface.
- Upgraded the Headworks PLC and HMI from the GE 90-30 to the GE RX-3i with updated control logic.
- Upgraded the Operations Building PLC from the GE 90-30 to the GE RX-3i with updated control logic.
- The control logic of the new Backwash Return Pump 1 was modified to turn off the pump when the storage tank level is low.
- The remote bypass logic for the new Backwash Return Pump 1 was modified to prevent contactor chattering.
- Installed new test ports on the Headworks odor control fan piping for periodic testing.
- Princeton Pump Station
 - Worked with NJ American Water to install more advanced potable water metering equipment at Princeton Pump Station
- Pennington WWTP
 - Replaced a blown fuse that was causing a phase loss fault in the Disk Filter 1 control panel.
- Hopewell WWTP
 - Replaced sodium bisulfite feed pump No. 2 after it began periodically reversing direction.

INFORMATION TECHNOLOGY

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

During this reporting period:

- Three server backups (*sdnhope*, *sdnpenn*, *sdnrr*) were checked for corruption and readability. All backups are valid and recoverable.
- Last month a server room Uninterruptable Power Supply (UPS) for Rack 3 failed. A replacement UPS was installed and is operating as expected.
- Due to cost increases for licenses, the replacement for the software IT uses to monitor all network connected assets is being tested and reviewed.

Asset Management and Maintenance Tracking: IT staff continues its efforts to develop an asset management tracking and preventative maintenance schedule of all Uninterruptable Power Supply (UPS) devices.

Trace-Environmental WebDAS2k: IT Staff working with Trace-Environmental to finalize the new Trace WebDAS2k system. Trace staff escalated our support request to another department regarding incorrect status flags.

KnowBe4 Annual Security Awareness Training: IT issued the yearly security awareness training on March 20, 2023. Currently we are 60% complete at the time of this reporting period.

619.13 Personnel Report

Ms. Pchola reported that staff hired an Instrumentation Mechanic I. Mr. Stewart was promoted to Acting Plant Manager, and Mr. Hinkel was promoted from an Instrumentation Mechanic to Staff Engineer. Mr. Ireland, Plant Manager, has retired. The custodian is out on leave of absence until further notice.

The Board congratulated Mr. Stewart and Mr. Hinkel on their promotions.

619.14 Correspondence

For information only.

619.15 Old Business

Nothing to report.

619.16 New Business

Ms. Pchola reported that the summary of the bid results for the natural gas supply is included in the Board report. Based on the recommendation of our energy agent, Gabel Associates, staff entered into a 36-month Fixed Upcharge contract for natural gas for the River Road WWTP in the bid amount of \$0.119660/therm (\$1.19660/dekatherm) with Constellation New Energy (CNE) commencing in August 2023, thereby leaving the flexibility to hedge the commodity price at a later date. The current natural gas contract with Constellation New Energy will expire on July 31, 2023.

A discussion regarding the wording of Resolution 2023-050 took place, and the resolution was amended to include specific terms as outlined in the memo from Gabel Associates and was moved by Mr. Goldfarb, seconded by Mr. Morehouse, and passed by a roll call vote of 6 to 0. Resolution 2023-050 follows.

**Resolution to Award Contract for the Supply of Natural Gas to Constellation
New Energy for Stony Brook Regional Sewerage Authority River Road
Wastewater Treatment Plant**

Resolution No. 2023-050

WHEREAS, the cost of Natural Gas is a large component of the Stony Brook Regional

Sewerage Authority’s (“Authority”) operating budget; and

WHEREAS, the Authority proceeded with the procurement of natural gas supply service through a competitive electronic public bidding process on April 19, 2023; and

WHEREAS, three (3) natural gas suppliers were pre-qualified to bid; and

WHEREAS, three (3) bids were received and provided bids for all of the bidding terms; and

WHEREAS, the Authority is hereby awarding a contract to Constellation New Energy, the lowest bidder for natural gas supply service for the Authority’s natural gas account included in the Request for Bids (RFB) for service/terms commencing with the August 2023 meter read date as follows:

<u>Pricing Product</u>	<u>Upcharge Price</u>	<u>Commodity Price</u>	<u>Total</u>	<u>Term</u>
Un-Hedged Commodity	\$1.19660/Dth	NYMEX pass-thru	N/A	36 Months

WHEREAS, the Finance Director has certified funds are available in the 2023 budget for natural gas line account 3000-4502. 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. Antonia Pchola, Executive Director, through Resolution 2023-022, is authorized to execute a Natural Gas Supply Service Agreement with Constellation New Energy, to provide the supply of natural gas for the indicated upcharge price and term for the Authority’s River Road Wastewater Treatment Plant.
2. A copy of the resolution shall be available for public inspection at the office of the Authority.
3. Notice of Contract Award shall be published as required by law within ten (10) days of its execution.

<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			

619.17 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 7:32 p.m.

608.18 Executive Session

Amended Resolution 2023-051 was moved by Mr. Morehouse, seconded by Mr. Patel, and passed by a roll call vote of 6 to 0. Resolution 2023-51 follows.

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

Resolution No. 2023-051

BE IT RESOLVED by the Stony Brook Regional Sewerage Authority (“Authority”) on this 24th day of April 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:

- Sludge Business Contracts
- River Road Wastewater Treatment Plant NJPDES Permit
- Local 172 Union Contract

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			

614.19 Report of Executive Session

A discussion occurred regarding Sludge Business contacts, River Road Wastewater Treatment Plant NJPDES Permit, and the Local 172 Union Contract that expired on December 31, 2022.

Return to Public Session

The Board returned to Public Session at 8:05 p.m.

614.20 And such other issues as may come before

619.21 Adjournment

As no further business was to come before the Board, the meeting was adjourned at 8:06 p.m. on a motion by Mr. Morehouse, seconded by Mr. Patel, and passed by unanimous vote.

Respectfully Submitted,

Antonia Pchola
Secretary

Recorded and Written by
Angela Christiano
May 2, 2023