

Minutes of Meeting No. 622, July 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

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

622.01

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.

622.04 Finance

Mr. Goldfarb moved for approval of Resolution 2023-073, Regarding the Payment of Bills and Claims in the amount of \$664,765.17 with two signatures instead of three. The motion was seconded by Mr. Vilaro-Munet and passed by a roll call vote of 6 to 0, with Mr. Morehouse recusing himself relevant to the payments to Kleinfelder and Allied. Resolution 2023-073 follows.

Payment of Bills and Claims

Resolution to Approve Payment of Bills and Claims

Resolution No. 2023-073

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 \$664,765.17 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			
Miguel Vilaro-Munet	X			

(1) Recused from Kleinfelder and Allied payments

Treasurer's Report

Mr. Chong reported a net income of \$1,566,220 for the 2023 fiscal year-to-date on June 30, 2023. The Authority has total cash and investments of \$20,104,520. The current construction project balance is \$1,661,468. 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 June was \$140,954, and the cumulative net income for the fiscal year was \$809,761.

Staff recommended approval of Resolution 2023-074. 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 2023-074 was moved by Mr. Goldfarb, seconded by Mr. Antebi, and passed by a roll call vote of 6 to 0. Resolution 2023-074 follows.

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

Resolution No. 2023-074

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>
Willier Electric Motor Repair Co.	Variable Frequency Drives

Mr. Chong reported that the 2022 Fiscal Year End Audit is ongoing.

Mr. Chong reported that the total expenses submitted for reimbursement to FEMA and Qual-Lynx as a result of Tropical Storm Ida were approximately \$200,000. Qual-Lynx reimbursed the Authority \$176,438.76 net of the \$24,435.49 deductible. The Authority must return the \$21,555.44 received from FEMA.

Mr. Chong reported that FEMA might reimburse the Authority for the Qual-Lynx deductible.

The accounting documentation recorded a portion of the refund as a net against the contractor's cost in 2023, and the remaining amount was recorded as Other Revenue Income.

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

622.02 Approval of Minutes

The minutes from June 26, 2023, Board meeting were approved as presented on a motion by Mr. Morehouse, seconded by Mr. Antebi, and passed by a unanimous vote.

622.03 Open to the Public

Chairman Downey opened the public portion of the meeting at 6:39 p.m., hearing no comments from the public; the public portion was closed at approximately 6:40 p.m.

622.05 Board Related Activities

Ms. Pchola recommended for approval updated Resolution 2023-071, Affirming Terms for Treatment Works Approval Permit Application.

Resolution 2023-071 was moved by Mr. Vilaro-Munet and seconded by Mr. Patel.

Ms. Pchola reported the major changes reflected in Resolution 2023-071.

- Change the location of the Pennington WWTP and Hopewell WWTP to Hopewell Township.
- Projects with a flow rate greater than 2,000 gallons per day (gpd) and less than 8,000 gpd and do not require a sewer extension and NJDEP approval in accordance with the N.J.A.C. regulations, must obtain approval from SBRSA by submitting a TWA application.
- South Brunswick Township no longer requires SBRSA's approval prior to providing planning board approval.

Resolution 2023-071 was passed by a roll call vote of 6 to 0. Resolution 2023-071 follows.

Resolution Affirming Terms for Treatment Works Approval Permit Application

Original 02/19/92
Amended 08/17/92
Amended 07/22/96
Amended 11/26/01
Resolution No. 2023-071
Amended July 24, 2023

WHEREAS, Stony Brook Regional Sewerage Authority (SBRSA) is a public body organized under the New Jersey Sewerage Authority Law, N.J.S.A. 40:14A-1 et seq., and

WHEREAS, the SBRSA operates three Wastewater Treatment Plants (WWTP): River Road WWTP located in the Municipality of Princeton; Hopewell WWTP and Pennington WWTP located in Hopewell Township; and

WHEREAS, applicants seeking to have a property or properties served by the SBRSA and located within the SBRSA Sewer Service Area (SSA), must submit a Treatment Works Approval (TWA) permit application to SBRSA pursuant to N.J.A.C. 7:14A-22 and 23 and the SBRSA Administrative Regulations. Once approved by SBRSA, applicants must subsequently obtain

approval from the New Jersey Department of Environmental Protection (NJDEP) for all flows regulated by NJDEP; and

WHEREAS, projects with a flow rate greater than 2,000 gallons per day (gpd) and less than 8,000 gpd and do not require a sewer extension and NJDEP approval in accordance with the N.J.A.C. regulations, must obtain approval from SBRSA by submitting a TWA application; and

WHEREAS, SBRSA has previously established a standard and procedure for review of such applications; and

WHEREAS, SBRSA operates its treatment works approval process consistent with the NJDEP regulations; and

WHEREAS, in order to effectively plan and operate, SBRSA needs to monitor the status of projects and Treatment Works which have obtained a SBRSA or NJDEP TWA approval; and

WHEREAS, applicants are required to obtain and submit final municipal approval, whether by way of site plan, subdivision or other approval and the application must be endorsed/certified by the Wastewater Conveyance System Owner including the authorizing resolution to endorse the application prior to submitting the TWA application to SBRSA; and

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

A. NEW APPLICATIONS

1. TWA applications will be considered in the order received.
2. Before a TWA application for any project will be considered by SBRSA, the project must have received final municipal approval, whether by way of site plan, subdivision or other approval and the application must be endorsed by the Municipal Engineer.
3. SBRSA TWA approvals shall be conditioned upon the applicant obtaining, within one year of the SBRSA approval, a Treatment Works Approval from NJDEP, if applicable. The SBRSA approval shall be further conditioned upon the applicant submitting annual reports describing all treatment works and project construction and accounting for connected and unconnected flows, until all allocated flows are connected or the project is completed.
4. If the applicant receives Treatment Works Approval for the project, the SBRSA TWA approval will remain in effect for two years from the date of said approval, during which period the applicant must start construction of the Treatment Works. The SBRSA approval shall expire and be of no further force and effect if the applicant shall fail to obtain the required NJDEP Treatment Works Approval within the time limit set forth above, shall fail to proceed with construction of the Treatment Works within the two-year period following Treatment Works

Approval, or shall fail to submit the required flow accounting reports. Interruption of construction of the Treatment Works for a period of more than two years may serve as a basis for permit revocation.

5. For projects which do not require NJDEP approval, such as those projects that do not require a sewer extension, projects with a flow rate less than 8,000 gpd but do require SBRSA approval (flow rate greater than 2,000 gpd) the SBRSA approval shall expire and be of no further force and effect if the applicant shall fail to proceed with construction of the Treatment Works within the two-year period following SBRSA approval.

B. Time Extensions

SBRSA will not undertake consideration of extensions of time of the time limits set forth herein unless the criteria set forth hereafter are met:

1. The applicant must establish, to the satisfaction of the SBRSA in accordance with the procedure set forth below, that it has made a good faith effort since the issuance of the TWA permit or the last renewal thereof to proceed with construction of the proposed project. All requests for time extensions shall be submitted in writing to SBRSA at least sixty days prior to expiration of the original permit approved by NJDEP, SBRSA or the last renewal thereof.
2. All requests for time extensions shall include the following:
 - a. A properly executed resolution of the governing body of the member municipality in which the project is located approving the requested time extension.
 - b. An affidavit or certification executed by the applicant describing:
 - i. the nature and location of the project,
 - ii. any changes or modifications to the proposed project (i.e., reduction or increase in number of units to be constructed and associated flow allocation request, engineering modifications, etc.) since the original permit date or the last renewal thereof,
 - iii. all substantive steps taken by the applicant to proceed with construction of the project or to obtain the approvals required for construction of the project since the original permit date or the last renewal thereof,
 - iv. the hardship which would be suffered by the applicant if the extension were not granted, and
 - v. a good faith estimate as to when construction of the project will commence or, if it has commenced when construction will be completed.

- c. Copies of any permits or other documents referred to in the affidavit or certification or which may assist the SBRSA in rendering a decision.
- 3. The SBRSA may, in its discretion, recommend to NJDEP modification of conditions of any TWA permit in conjunction with rendering a decision on whether to endorse a time extension thereof.
- 4. Each time extension, if approved, will be for a maximum period of one year. No permit will be extended beyond a total of five years from the original date of the SBRSA TWA-1 approval.

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			

Ms. Pchola recommended for approval Resolution 2023-072, Adopting Amendments to the Bylaws of the Stony Brook Regional Sewerage Authority.

Resolution 2023-072 was moved by Mr. Morehouse and seconded by Mr. Vilaro-Munet.

A discussion took place regarding the Bylaws.

Paragraph 3 of the Bylaws - Voting was revised to read, "Action may be taken and motions and resolutions adopted by the Sewerage Authority at any meeting of the Board members by a vote of a majority of the members present."

The amended Bylaws were moved by Mr. Morehouse, seconded by Mr. Vilaro-Munet, and passed by a roll call vote of 6 to 0. Resolution 2023-072 follows.

**Resolution Adopting Amendments to the Bylaws of the
Stony Brook Regional Sewerage Authority**

Resolution No. 2023-072

WHEREAS, the Stony Brook Regional Sewerage Authority ("Authority") has determined that it is necessary and desirable to update and amend the Bylaws of the Authority, as more particularly attached hereto, and made a part hereof.

NOW, THEREFORE, BE IT RESOLVED by the Stony Brook Regional Sewerage Authority, on this 24th day of July 2023, that the revisions to the Bylaws contained herein are hereby adopted, effective 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			

622.06 Planning and Administration

Ms. Pchola reported the current 12-month average daily flow at the River Road WWTP is 8,923,198 gpd with 1,529,239 gpd of inoperative flow, leaving an available capacity of 2,607,563 gpd. The current 12-month average daily flow at the Hopewell WWTP is 239,906 gpd with zero gpd of inoperative flow, leaving an available capacity of 60,094 gpd. The current 12-month average daily flow at the Pennington WWTP is 251,370 gpd with 24,754 gpd of inoperative flow, leaving an available capacity of 168,876 gpd.

Ms. Pchola reported that meter verifications were completed by staff on June 30, 2023, and July 3, 2023. All flow meters were within $\pm 5\%$. No adjustments for the month of June were required.

The Summary of the Meter Summation vs. River Road WWTP Influent Meter indicated a difference of 0.20%, with the River Road Influent Meter reading lower.

622.07 Approval Requests and Actions

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

Mr. Doelling reported that the proposed sewage flow rate of 38,550 gpd for Princeton University Hobson College was added to the inoperable flow of Princeton.

Mr. Doelling reported that on June 30, 2023, staff met with Princeton University to discuss the University's ongoing geo-exchange system flushing projects and to identify a process for accommodating the added flows.

A discussion took place regarding the Princeton University geo-exchange system flushing projects.

622.08 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 May 2023 were submitted with no violations reported.

The June DMRs are currently being reviewed.

The Hopewell and Pennington semi-annual Effluent Surface Water WCR were submitted for the period January 1, 2023, to June 30, 2023.

Residuals Discharge Monitoring Report (RDMR)

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

The May 2023 RDMRs are currently being prepared.

Air Reporting

The quarterly Emergency Bypass Use Report was submitted for the period January 1, 2023 to June 30, 2023. There was one bypass event in the first half of 2023.

On July 7, 2023, a NJDEP hotline call was made to report a 1-hour average Carbon Monoxide emission of 101 ppm (corrected to 7% oxygen), which occurred on April 30, 2023. The Title V Permit limit for this parameter is 100 ppm. The event was discovered during the quarterly review of data. Staff is investigating the incident.

The 2nd quarter 2023 Excess Emissions and Monitoring Performance Report (EEMPR) is currently being reviewed.

Federal 40 CFR 60 Subpart O Semi-annual Report for the incinerators is being reviewed.

The Semi-annual Title V and Subpart LLL Deviation Reports are being prepared. The reports are due July 30, 2023.

The 2023 Q2 Quarterly Report, required by paragraph 28 of the Consent Decree, is being prepared. The report is due August 15, 2023.

622.09 Safety

A discussion took place regarding the fire alarm system.

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 July 12, 2023, Stony Brook Regional Sewerage Authority has gone 91 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

Survivor Fire conducted fire hydrant and fire sprinkler system inspections on June 22, 2023. Hydrant No. 6 did not function. The SBRSA Maintenance Department will repair the hydrant.

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

During the safety committee meeting, training was completed by Signature Safety for fire extinguisher inspection, emergency shower inspection, and eyewash station inspection.

Miscellaneous

A Safety Committee meeting was held on July 11, 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.

622.10 Litigation

Ms. Alexander reported that SBRSA does not have NJDEP's final draft permit action.

Ms. Pchola reported that staff met with NJDEP on July 19, 2023. The permit language is still being modified regarding the harmful algal bloom and the phosphorus action level.

Ms. Alexander reported that a status conference with Judge Caliguire was held on July 18, 2023, regarding SBRSA's Request for an Adjudicatory Hearing. The outstanding issues were discussed without resolution. The next status conference is scheduled for September 7, 2023.

622.11 Operations Report

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

Mr. Stewart reported that on June 22, 2023, the Sludge Mix Tank was clogged from grit and rag buildup. The Mix Tank is used when liquid sludge is accepted and blended with other outside liquid sludge sources. As the sludge is blended, it is pumped into the Gravity Thickeners and pumped to the Belt Filter Presses for dewatering and ultimate incineration. Quotes are forthcoming to begin cleaning the tank and removing the obstruction.

On July 19, 2023, NJDEP conducted the annual wastewater site inspection for the River Road Wastewater Treatment Plant (WWTP). The inspection consisted of an audit of the Discharge Monitoring Report (DMR) lab data and a plant tour. A summary report is forthcoming.

Upstream Facilities

Both Upstream Facilities operated well during this reporting period.

Mr. Stewart reported that on July 15 and 16, 2023, the upstream plants experienced heavy rainfall. Additional tanks were put into service as needed, and both facilities remained in full operation during the event.

Odors

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

Customer Sludge Deliveries

The reported quantity of liquid sludge was at the budgeted amount, sludge cake was 12% above the budgeted amount, and gray water was 73% above the budgeted amount for June 2023.

622.12 Maintenance

Mr. Hilty reported that the rollers for Belt Press No. 2 did not pass inspection and needed to be remanufactured. The estimated shipping date is currently mid to late August 2023.

There were no 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 June 16, 2023, it was reported that the main drive Cooling Air Fan motor for Receiving Bin Screw No. 2 was making a loud noise, indicating a bearing issue. A new replacement motor was ordered to replace the obsolete motor, which could be retrofitted to provide the same function. The damaged motor was removed on June 26, 2023, and the new motor was installed and tested. The Receiving Bin Screw No. 2 main drive was fully operational on the same day. After confirming that the retrofit was a suitable replacement, a spare motor was added to the inventory.

During plant surveillance on June 21, 2023, it was reported that the Sludge Thickener Collector Skimmer Assembly on Thickener No. 1 was missing from the steel frame. Thickener No. 1 was immediately taken offline and drained to retrieve the missing skimmer assembly. Upon inspection, it was discovered that the steel support at the skimmer's mounting point was completely corroded, and the skimmer blade was severely bent. A spare complete skimmer assembly kit was taken from inventory, and Thickener No. 1 sludge collector was locked out and cleaned for repair. The mounting point on the sludge collector frame was modified to accommodate the new skimmer assembly support. Once attached and leveled, the skimmer required adjustments, and the blade needed to be shortened. On June 23, 2023, Thickener No. 1 skimmer assembly was put back into operation.

The Upstream Operator for the Pennington WWTP reported that the Secondary Splitter Box PACL Mixer No. 3 was running but not turning. On May 10, 2023, a grinding sound was noticed from the mixer's gearbox during troubleshooting. During disassembly, it was discovered that the mixer's motor shaft was broken, and the pinion gear was severely damaged. A new motor and a list of repair and spare parts, including the manufacturer's field repair kits, were gathered and ordered. On June 28, 2023, Mixer No. 3 was fitted with a new motor and pinion gear. Additionally, an overhaul kit for the gearbox was used to address damage to the top gear. After wiring the motor and testing for rotation of the mixer, the Secondary Splitter Box PACL mixer was put into full service.

Provided in the report were several graphs that monitor our monthly progress. The current monthly open work requests stand at sixteen (16). On the Preventive Maintenance graph, we averaged two (2) days overdue, and the number of overdue units is approximately eight (8).

622.13 Construction Report

Mr. Doelling reported that Pure Technologies completed the Smart Ball and Pipe Diver condition assessments on July 11 and 13, 2023, respectively.

As part of the work conducted by BR Welding (BRW) for the installation of the temporary wye fitting, a portion of the interior piping at the Millstone Pump Station had to be removed,

including cutting off corroded bolts. New bolts and a base plate, which was severely corroded, required replacement for the re-installation of the existing piping. BRW provided Contract Modification CM-001 in the amount of \$610.00 for said work.

Staff recommended approval of Resolution 2023-075, Authorizing the Approval of Contract Modification CM-001 to the Preparatory Work of the Temporary Piping Modifications Needed for the Millstone Force Main Assessment Project.

Mr. Morehouse moved Resolution 2023-075, as it was discussed during the Construction Committee meeting, seconded by Mr. Patel, and passed by a roll call vote of 6 to 0. Resolution 2023-075 follows.

Resolution Authorizing the Approval of Contract Modification CM-001 to the Preparatory Work of the Temporary Piping Modifications Needed for the Millstone Force Main Assessment Project

Resolution No. 2023-075

WHEREAS, on June 6, 2023, the Stony Brook Regional Sewerage Authority (SBRSA) issued a Request for Quotation (RFQ) for the temporary piping modification preparatory work needed for inspection of the SBRSA Millstone Force Main; and

WHEREAS, the SBRSA awarded the project to the lowest quotation from BR Welding, Inc., in the amount of \$13,100 on June 19, 2023; and

WHEREAS, as part of the work, the contractor had to cut six (6) heavily painted and corroded bolts and the pipe stand anchor bolts to remove the existing pump piping; and

WHEREAS, the cut bolts will need to be replaced to reinstall the original piping. On July 12, 2023, BR Welding, Inc., submitted a detailed contract modification for the costs associated with the supply and installation of six (6) bolts and hex nuts, a new base plate to be added to bottom of stand with new bolt pattern for the anchors; and

WHEREAS, the abovementioned changes to are more fully set forth and incorporated within the July 13, 2023 Contract Modification CM-001 document resulting in the amount of \$610 with an adjusted total contract amount of \$13,710.00; and

WHEREAS, the completion date for the project shall remain unchanged as a result of Contract Modification CM-001; 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-001 with BR Welding, Inc., in the amount of \$610.00, resulting in an adjusted contract amount of \$13,710.00.

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	X			
Bharat Patel	X			
Miguel Vilaro-Munet	X			

Mr. Doelling reported that Contract 19-2, River Road WWTP UV Disinfection and Filtration Project, as of Application No. 24, is 87% complete (by value).

Mr. Doelling reported that Allied Construction Group had submitted Contract Modification 026 (CM-026).

CM-026 is for the supply of seven (7) additional 6-inch blind flanges and six (6) 42-inch by 42-inch blank plates to seal the 6-inch and 30-inch pipe penetrations in the amount of \$5,585.24.

Approval of CM-026 will compensate the Contractor for the costs associated with these additional blind flanges to seal the pipe penetrations in the existing Filter Building. This Contract Modification has been reviewed by SBRSA staff and Kleinfelder with Allied Construction Group Inc.

Staff recommended approval of Resolution 2023-076, Authorizing the Approval of Contract Modification CM-026 to Seal the Pipe Penetrations in the Existing Filter Building for the River Road WWTP UV Disinfection and Effluent Filtration Project, Contract 19-2 in the amount of \$5,585.24.

Resolution 2023-076 was moved by Mr. Antebi, seconded by Mr. Vilaro-Munet, and passed by a roll 5 to 0, with one (1) recusal.

Resolution Authorizing the Approval of Contract Modification CM-026 to Seal the Pipe Penetrations in the Existing Filter Building for the River Road WWTP UV Disinfection and Effluent Filtration Project, Contract 19-2

Resolution No. 2023-076

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

WHEREAS, the Contract Documents required that blind flanges be provided for the abandoned 16" and 24" piping in the Existing Filter Building; and

WHEREAS, the Contract Documents did not provide for blind flanges on the abandoned 6" and 30" piping.; and

WHEREAS, the scope of work was modified to include furnishing and installing additional AIS compliant carbon steel blind flanges for Seven (7) 6" diameter interior pipe penetrations and Six (6) 42" x 42" steel plates with coal tar epoxy coating at the 30" exterior wall pipe penetrations.

WHEREAS, Allied Construction submitted a detailed contract modification request for the costs associated with the additional blank flanges to seal the pipe penetrations in the Existing Filter Building; and

WHEREAS, the abovementioned changes to Contract 19-2 are more fully set forth and incorporated within the June 30, 2023 Contract Modification CM-026 document resulting in the amount of \$5,585.24 with an adjusted total contract amount of \$16,099,614.10; and

WHEREAS, the contract completion date for the project shall remain unchanged as a result of Contract Modification CM-026; and

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:

3. The Chairman is authorized and directed to execute Contract Modification CM-026 with Allied Construction Group, Inc. in the amount of \$5,585.24, resulting in an adjusted contract amount of \$16,099,614.10.
4. This Resolution shall take effect immediately; and

BE IT FUTHER 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			
Miguel Vilaro-Munet	X			
⁽¹⁾ Recused				

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 30, 2023, staff met with One Water Consulting to discuss the total phosphorous (TP) level language suggested by NJDEP, dated June 29, 2023, in the permit modification narrative. NJDEP requires SBRSA to install a phosphorus treatment system to achieve a weekly average TP action level of 1.0 mg/l. Staff received additional revisions to the Custom Monitoring Requirements" for TP from NJDEP on July 17, 2023. Staff requested and met with NJDEP on July 19, 2023; One Water Consulting was also in attendance. Staff is waiting for the final revised language.

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

Engineering Trailer: Finance is in the process of joining The Interlocal Purchasing System (TIPS), a national cooperative purchasing system, to procure a trailer from Wilmot Modular, as staff has determined they offer the lowest price. Once SBRSA is a member of TIPS, staff can start purchasing process for the new trailer, including permitting, electrical work, etc.

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. Staff provided ELECSYS with 12 months of power demand and usage data.

Design

Hopewell WWTP Upgrade (Contract 22-4): Staff continues to address the Delaware and Raritan Canal Commission (DRCC's) request for a stream corridor conservation easement on the plant site. Staff submitted the provided letter, dated June 28, 2023, requesting an exemption/waiver from the DRCC for a conservation easement. At the request of the DRCC, staff, Kleinfelder, and One Water met with DRCC's Executive Director and their Engineer on July 11, 2023. The Executive Director indicated that he does not have the Authority to grant a waiver per his discussion with the Attorney General's office. However, we discussed several workable options where the property could accommodate a "modified" stream corridor conservation easement. SBRSA and its consultants are reviewing the Hopewell WWTP site plan. They will propose a modified conservation easement, which carves out space for existing and projected future wastewater treatment infrastructure needs. The proposal will also include allowing for future development within the conservation easement should unforeseen wastewater treatment needs be required. Staff will provide the information to the DRCC, anticipating being included on the DRCC agenda for their August 16, 2023, meeting. As noted in the letter, the foreseeable future use of SBRSA's property is exclusively for wastewater treatment, and the preservation of the stream corridor will always be first and foremost for future planning.

On June 28, 2023, Kleinfelder submitted documents addressing the remaining New Jersey Office of the State Comptroller (NJOSC) comments. NJOSC is reviewing the re-submittal.

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 after the Belt Filter Press PLC upgrade is completed.

Contract 23-1 Replacement of Failed Nitrification Tank Aerator Reducing Gear: JVS Industrial and Commercial Contractors, Inc. has confirmed that the gearbox has been ordered. As indicated last month, the lead time for this unit is 20 weeks.

Project 23-2 Replacement of Odor Control Carbon at the South Brunswick Pump Station: SBRSA is awaiting financial documents from the awarded contractor. Once received, this work will be scheduled.

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. IT equipment, such as computers, monitors, desk phones, and uninterruptible power supplies, have been added to the system, and procedures are being developed to maintain the asset data. 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
 - Converted burners 305-A and 305-B to the latest generation burner controller on Incinerator No. 2.
 - Installed in-line signal plugs for the transmitters on Scrubber No. 1 to assist with calibrations.
 - Replaced a light fixture in the polymer bulk storage area.
 - Replaced dissolved oxygen (DO) controller for Modified Aeration (MA) stages 1 and 4.
 - Replaced the DO sensor in MA stage 4.
 - Adjusted the positioning of a reed switch for the center discharge slide gate on Ash Handling System No. 1 to increase the position sensing accuracy.
 - Replaced the chemical feed pump for Liquid Sludge Odor Control CD-400.
- Millstone Pump Station
 - Installed and integrated a clamp-on Doppler ultrasonic flowmeter on the effluent piping for additional flow monitoring.

INFORMATION TECHNOLOGY

General:

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

During this reporting period:

- Three server backups (*svr07*, *svr11*, *svr12*) were checked for corruption and readability. All backups are valid and recoverable.
- All SCADA runtime nodes and two view nodes have been updated to the latest version of iFix. Staff anticipates updating the remaining view and development nodes before the next reporting period.
- A server was repurposed and put into production for increased network storage.

Asset Management and Maintenance Tracking:

- Staff continues to add workstations, IP phones, switches, and assorted devices to the asset management system inventory.
- IT staff continues its efforts to develop the management, tracking, and preventative maintenance schedule of all Uninterruptible Power Supply (UPS) devices.

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.

622.14 Personnel Report

Ms. Pchola introduced Mr. David Smith as the new Assistant Executive Director and Mr. Keith Webber as the Assistant Manager of Engineering.

Ms. Pchola reported that an Operator IV and a Maintenance Mechanic III started today. One Maintenance Mechanic will be retiring on August 1, 2023.

622.15 Correspondence

For information only.

622.16 Old Business

Nothing to report.

622.17 New Business

None.

622.18 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 7:10 p.m.

622.19 And such other issues as may come before the Board

622.20 Adjournment

As no further business was to come before the Board, the meeting was adjourned at 7:11 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
August 7, 2023