

Minutes of Meeting No. 608, July 25, 2022 – Stony Brook Regional Sewerage Authority

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

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

MEMBERS ABSENT:

CONSULTANTS: Alexander

STAFF PRESENT: Chong, Christiano, Doelling, Pchola, Pizarro, Stewart

PUBLIC PRESENT; Mr. and Ms. McConaughy

### **608.01**

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.

### **608.02 Approval of Minutes**

The revised minutes from June 27, 2022, Board meeting and July 12, 2022, Special Board meeting were approved on a motion by Mr. Goldfarb, seconded by Mr. Morehouse, and passed by a unanimous vote.

### **608.03 Open to the Public**

Chairman Downey opened the public portion of the meeting at 6:32 p.m. Mr. McConaughy, the original applicant for Brick Farm Properties LLC presented the history of the site's septic system to the Board members requesting that the property be accepted into the SBRSA Sewer Service Area (SSA).

Dr. Downey stated that staff will notify Mr. and Ms. McConaughy of the Board's decision.

The Public portion of the meeting was closed at 7:05 p.m.; the meeting continued as scheduled.

### **608.04 Board Related Activities**

Ms. Pchola reported that there are no consultant contracts pending award.

### **608.05 Planning and Administration**

Ms. Pchola reported that the most current 12-month average daily flow at the River Road WWTP is 9,822,838 gpd with 1,381,430 gpd of inoperative flow, leaving an available capacity of 1,855,732 gpd. The current 12-month average daily flow at the Hopewell WWTP is 261,785 gpd with 0 gpd of inoperative flow, leaving an available capacity of 38,215 gpd. The current 12-month average daily flow at the Pennington WWTP is 278,521 gpd with 24,141 gpd of inoperative flow, leaving an available capacity of 142,338 gpd.

Ms. Pchola reported that the meter verifications were performed by staff on July 1, 2022. All flows were within  $\pm 5\%$ .

Ms. Pchola reported a partial loss of flow data at the North Ridge Meter Station on June 3, 2022, and on June 16, 2022. The flow totalizer data for June 3 and 16, 2022, were adjusted by adding the last known good totalizer values and a flow calculated proportional to the typical flow during the missing data periods. The North Ridge Meter Station totalizer was reset mid-day on June 27, 2022. The flow totalizer data for June 27, 2022, was adjusted by adding the two partial totalizers, the total before the reset and the total for the remainder of the day.

Ms. Pchola reported at Meter Station No. 6 a data transcription error occurred due to a loss of communications on June 5, 2022. The June 5, 2022, totalizer data was replaced with the correct totalizer data. The Meter Station No. 6 flume was replaced during the week starting June 6, 2022. The contractor experienced technical difficulties with the installation of the temporary flow meter during the repair and collected partial or missing data. Only data collected for June 9, 2022, was complete and valid. Flow totalizers for the remaining days between June 6 and June 13, 2022, required adjustment. The flow data for these days were estimated using the average percent flow of Meter Station No. 6 to the Princeton Pump Station meter data, which is approximately 74%.

Ms. Pchola reported that the Summary of the Meter Summation vs. River Road WWTP Influent Meter indicated a difference of 3.33%, with the River Road WWTP Influent Meter reading higher.

### **608.06 Approval Requests and Actions**

Mr. Doelling reported that the Brick Farm Properties LLC proposed amendment will be discussed during the Executive Session.

Mr. Doelling reported that the flow allocation of 6,919 gpd for the Princeton University Health Services Building was added to the inoperable flow for Princeton.

### **608.07 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 2022 were submitted with no violations reported.

The June 2022 DMRs are currently being reviewed.

The River Road Semi-annual Effluent Surface Water Discharge Waste Characterization Report was submitted for the period January 1, 2022 to June 30, 2022.

The River Road Annual Effluent Surface Water Discharge Waste Characterization Report was submitted for the period ending June 30, 2022.

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

The April 2022 RDMRs were submitted. All River Road parameters were compliant with the Air Permit requirements.

The May 2022 RDMR is currently under review.

## **Air Reporting**

The quarterly Emergency Bypass Use Report was submitted for the period January 1, 2022, to June 30, 2022. There were no pass events to date in 2022.

The 2nd quarter 2022 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.

Preparation of the Semi-annual Title V and Subpart LLL Deviation Reports are being reviewed.

## **608.08 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 July 21, 2022, Stony Brook Regional Sewerage Authority has gone 170 consecutive days without any "Lost Time" accidents.

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

There was one (1) new report of employee exposure to COVID-19 during this reporting period. All affected staff have returned to work.

## **Inspections**

On June 28, 2022, Survivor Fire was onsite at the River Road WWTP and Princeton Pump Station to complete the annual service and testing of fire hydrants and sprinkler systems.

On July 11, 2022 through July 13, 2022, Signature Safety conducted the Right to Know surveys and inspections. The annual Right to Know Surveys were submitted on July 12 and 13, 2022.

The 2022 Kleinfelder Annual Inspection continues. On July 14, 2022, three (3) meter stations were inspected by Kleinfelder. Remaining inspections include the upstream plants and two meter stations.

## **Miscellaneous**

No repairs were made during this reporting period.

## **Training**

- On June 23, 2022, HazMat and HazCom w/ GHS training was provided to fifteen (15) employees using MSI Live.
- On June 24, 2022, Driving Safety Awareness training was provided to six (6) employees using MSI Live.
- On June 24, 2022, Personal Protective Equipment (PPE) training was provided to seven (7) employees using MSI Live.
- On July 6, 2022, Bloodborne Pathogen training was provided to six (6) employees using MSI Live.
- On July 6, 2022, Lock Out/Tag Out (LOTO) training was provided to six (6) employees using MSI Live.
- On July 7, 2022, Back Safety and Material Handling training was provided to seven (7) employees using MSI Live.
- On July 8, 2022, Fire Safety training was provided to six (6) employees using MSI Live.
- On July 18, 2022, HazCom w/ GHS training was provided to three (3) employees using MSI Live.

## **Safety Committee**

Staff attended the Association of Environmental Authorities (AEA) Safety Committee meeting on July 15, 2022. The AEA does not typically provide meeting minutes, but if any are produced, they will be attached to a future board report.

## **608.09 Litigation**

Ms. Alexander reported on River Road Docket No. ELU 14426-17 and EER-WQ 11445-1. A status conference was held on June 30, 2022, wherein filing a hearing request relevant to June 9, 2022, Permit Modification, and the withdrawal of the prior hearing request as superseded and

moot were discussed. A supplemental Hearing Request and Request for Stay were submitted on July 7, 2022. The next status conference is scheduled for November 7, 2022.

Meetings were held amongst the attorneys on July 18, 2022, and between SBRSA, USEPA, NJDEP and USDOJ on July 25, 2022, wherein the draft Consent Decree and the proposed penalty assessment were discussed. On July 21, 2022, SBRSA received the Governments' response to SBRSA's redline comments, and SBRSA submitted its response to the Governments' penalty assessment on July 22, 2022. These developments will be discussed in Executive Session.

### **608.10 Operations Report**

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

Mr. Stewart reported on July 12, 2022, issues that occurred with the Headworks grit removal process. The grit slurry pumps that convey the slurry to the grit classifiers were clogged. The grit removal process was used for training and retraining staff.

Mr. Stewart reported that on July 16, 2022, MA Settler No. 2 was put online by slowly filling the tank and was in full service on July 17, 2022. MA Settler No. 1 was taken out of service and was dewatered for cleaning and inspection. This process was for the preparation of an upcoming maintenance project scheduled for August 2022.

Mr. Stewart reported that both Upstream Facilities operated well during this reporting period.

Mr. Stewart reported that staff received a letter and report on June 24, 2022, from NJDEP Enforcement pertaining to the annual Pennington Plant inspection. Staff has reviewed the report and submitted minor comments to NJDEP Enforcement. The one outstanding item, a certification for Sludge Residual Transfer at River Road WWTP (SL4A-SQR- MA/NIT RTR), was not provided. This was corrected and reported to Enforcement. Staff is still awaiting the annual reports for the Hopewell and River Road facilities, which are expected to be forthcoming before the next Board meeting.

Mr. Stewart reported that staff received two Odor Complaints from our surrounding area during June 2022. Staff received no odor complaints during the partial July 2022 reporting period. The total July number will be reported in August 2022. The odor complaints appear on the graph showing the number of odor complaints received each year from January 1998 through the present July 2022.

Mr. Stewart reported that at the request of the Odor Committee, he has been researching various tarp options that could be installed on the north fence towards Montgomery Woods.

The Odor Committee will meet in August to discuss the tarp options.

## **608.11 Maintenance**

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

On June 10, 2022, the Regenerative Thermal Oxidizer (RTO) Forced Draft Fan failed on high bearing temperature and high vibration alarms. On June 11, 2022, the draft fan was removed from service, and the Afterburner operating scenario was put online so staff could continue to process our sludge and customer sludge with no lost revenue until the necessary repairs could be made. On June 13, 2022, new bearings and belts were installed. Upon completion, the RTO fan was tested, showed signs of excessive vibration, and was taken offline to prevent further damage. During this time, the 125-hp motor was replaced with one from inventory that had Aegis rings used to prevent fluting of the shaft and insulated bearings. The old motor was sent out to be refurbished for future use. The RTO fan and shaft were sent to Marshall Maintenance Inc. for inspection and high-speed balancing. Once the rebalancing was completed, the fan and shaft were reinstalled with new pulleys, belts, and bearings. After several adjustments to the bearings, the fan was restarted, tested for proper rotation, the bearing temperature was monitored for several hours before being returned to service on June 26, 2022.

Receiving Bin No. 2 was removed from service on June 20, 2022, after it was reported that Screw Feeder No. 6 was not operational. Upon further investigation, it was found that two tail bearing gears were broken. The two tail gears were replaced with new gears from inventory and tested for proper operation. During the test run, one of the screw's connecting blocks had come out of the screw. The screw was found wedged at the end of the screw. Once the connecting block was dislodged, it was reinstalled with new bolts. The screws were then tested again and found to be operating properly and returned to service.

On June 22, 2022, Belt Press No. 3 upper belt was found torn and no longer dewatering properly. The press was removed from service so the torn belt could be removed and replaced with a new belt from inventory. Once the belt was installed and seamed, the press ran correctly. The Belt Press was then returned to the Operations Department to undergo the break-in procedure before being placed into operation.

On June 1, 2022, Screw Feeder No. 1 on Receiving Bin No. 1 stopped working. During the troubleshooting process, it was found that the motor failed and needed repair. The motor was removed and sent to Lockwood's Motor Service for repair. On July 1, 2022, the motor was returned and reinstalled. Once the motor and screws were tested and checked for proper rotation, they were returned to service.

During the weeks from June 14, 2022, through July 12, 2022, staff rented a thirty-four-foot Articulated Boom Lift to address the many lights that were not functioning properly at the River Road WWTP. During that time, staff replaced many photo sensors and new LED light fixtures. Additional new LED light fixtures were also installed on the Chemical Building Roof to illuminate the roof and parking lot.

Provided in the report were several graphs that monitor our monthly progress. The current

monthly open work requests stand at eighteen (18). On the Preventive Maintenance graph, we averaged three (3) days overdue, and the number of overdue units is approximately ten (10).

### **608.12 Construction Report**

Mr. Doelling reported there are three (3) Contract Modifications pending approval for Contract 19-2, River Road WWTP UV Disinfection and Filtration Project. This project is 70% complete. Due to supply constraints associated with the ductile iron piping, the Contractor has advised staff that the project completion may be delayed until June 2023.

Mr. Doelling reported on the three (3) Contract Modifications Nos. 13, 14, and 15.

Staff recommended approval of Resolution 2022-058, Authorizing the Approval of Contract Modification CM-013 for the Installation of Hydraulic System Center Access Boxes for the UV System in the amount of \$3,391.73, which will compensate the Contractor for the costs associated with the hydraulic system center access boxes for the UV System. This Contract Modification has been reviewed by staff and Kleinfelder with Allied Construction Group Inc.

Staff recommended approval of Resolution 2022-059, Authorizing the Approval of Contract Modification CM-014 for Conduit Modifications for the Junction Box at the Incinerator Building in the amount of \$13,694.73, which will compensate the Contractor for the costs associated with conduit modifications required to accommodate the junction box mounted at a higher elevation. This Contract Modification has been reviewed by staff and Kleinfelder with Allied Construction Group Inc.

Staff recommended approval of Resolution 2022-060, Authorizing the Approval of Contract Modification CM-015 for Modifications to MCC-3 UV System Electrical Breaker Bucket in the amount of \$1,657.12, which will compensate the Contractor for the costs associated with the installation of conduit for the proposed relocation of two existing MCC 3 breakers to MCC-2. This Contract Modification has been reviewed by staff and Kleinfelder with Allied Construction Group Inc.

Mr. Morehouse moved Resolutions 2022-058, 2022-059, and 2022-060 as discussed during the Construction Committee meeting and was seconded by Mr. Patel and passed by a roll call vote of 6 to 0. Resolutions 2022-058, 2022-059, and 2022-060 follow.

### **Resolution Authorizing the Approval of Contract Modification CM-013 for the Installation of Hydraulic System Center Access Boxes for the UV System for the River Road WWTP UV Disinfection and Effluent Filtration Project, Contract 19-2**

**Resolution No. 2022-058**

**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, the resulting contract amount is \$16,045,525.31; and

**WHEREAS**, the new UV System includes a hydraulic system center (HSC) located adjacent to each UV channel which houses the hydraulic system to raise and lower the UV light banks; and

**WHEREAS**, the hydraulic hoses are unprotected as they extend out the side of the HSC's and into a below grade trough extending to each UV bank; and

**WHEREAS**, SBRSA requested the contractor to provide additional access boxes and appropriate supports to protect these hydraulic hoses; and

**WHEREAS**, the abovementioned changes to Contract 19-2 are more fully set forth and incorporated within the July 25, 2022 Contract Modification CM-013 document resulting in the amount of \$3,391.73 with an adjusted total contract amount of \$16,048,917.04; and

**WHEREAS**, the contract completion date for the project shall remain unchanged as a result of Contract Modification CM-013; 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:

1. The Chairman is authorized and directed to execute Contract Modification CM-013 with Allied Construction Group, Inc. in the amount of \$3,391.73 resulting in an adjusted contract amount of \$16,048,917.04.
2. 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			
David A. Goldfarb	X			
C. Schuyler Morehouse	X			
Bharat Patel	X			
Pamela Switlik	X			
Miguel Vilaro-Munet	X			

**Resolution Authorizing the Approval of Contract Modification CM-014 for Conduit Modifications for the Junction Box at the Incinerator Building for the River Road WWTP UV Disinfection and Effluent Filtration Project, Contract 19-2**

**Resolution No. 2022-059**

**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 assuming Contract Modification CM-013 in the amount of \$3,391.73 at the July 25, 2022 Board meeting, the resulting contract amount is \$16,048,917.04; and

**WHEREAS**, under CM-007, a new junction box was planned to be installed at ground level outside the Incinerator Building; and

**WHEREAS**, the internal conduit leading to this exterior junction box was installed in preparation for connection; and

**WHEREAS**, it was expected that the external conduit would extend approximately 2-3 feet below grade and connect to the new duct bank; and

**WHEREAS**, during excavation for the termination of the duct bank it was discovered that the area under the junction box had an available soil depth of only about three inches, due to concrete encasement of an existing duct bank and the foundation of the Operations Building; and

**WHEREAS**, the junction box was required to be mounted higher and the associated planned conduit runs into and out of the junction box needed to be modified; and

**WHEREAS**, the abovementioned changes to Contract 19-2 are more fully set forth and incorporated within the July 25, 2022 Contract Modification CM-014 document resulting in the amount of \$13,694.73 with an adjusted total contract amount of \$16,062,611.77; and

**WHEREAS**, the contract completion date for the project shall remain unchanged as a result of Contract Modification CM-014; 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:

- 1 The Chairman is authorized and directed to execute Contract Modification CM-013 with Allied Construction Group, Inc. in the amount of \$13,694.73 resulting in an adjusted contract amount of \$16,062,611.77.
- 2 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			
David A. Goldfarb	X			
C. Schuyler Morehouse	X			
Bharat Patel	X			
Pamela Switlik	X			
Miguel Vilaro-Munet	X			

**Resolution Authorizing the Approval of Contract Modification CM-015 for Modifications to MCC-3 UV System Electrical Breaker Bucket for the River Road WWTP UV Disinfection and Effluent Filtration Project, Contract 19-2**

**Resolution No. 2022-060**

**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 assuming Contract Modification CM-013 in the amount of \$3,391.73, and Contract Modification CM-014 in the amount of \$13,694.73 are approved at the July 25, 2022 Board meeting, the resulting contract amount is \$16,062,611.77; and

**WHEREAS**, contract drawings call for a new electrical breaker bucket for the UV system to be installed within existing MCC-3 in the Operations Building; and

**WHEREAS**, during installation it was found that the area specified within MCC-3 for installation of the electrical breaker bucket would not accommodate a push on style breaker and the new electrical breaker bucket had to be hard wired; and

**WHEREAS**, the existing MCC-3 is over 30 years old and acquiring replacement breakers which accurately fit into the MCC is difficult; and

**WHEREAS**, the Contractor proposed preinstalling new conduit and wiring to relocate two existing breakers in MCC-3 to MCC-2 and installing the new UV electrical breaker bucket within that vacated area; and

**WHEREAS**, this option was abandoned due to an unforeseen configuration of MCC-3, but not before the necessary preparations were made; and

**WHEREAS**, the abovementioned changes to Contract 19-2 are more fully set forth and incorporated within the July 25, 2022 Contract Modification CM-015 document resulting in the amount of \$1,657.12 with an adjusted total contract amount of \$16,064,268.89; and

**WHEREAS**, the contract completion date for the project shall remain unchanged as a result of Contract Modification CM-015; 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:

- 1 The Chairman is authorized and directed to execute Contract Modification CM-013 with Allied Construction Group, Inc. in the amount of \$1,657.12 resulting in an adjusted contract amount of \$16,064,268.89.
- 2 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			
David A. Goldfarb	X			
C. Schuyler Morehouse	X			
Bharat Patel	X			
Pamela Switlik	X			
Miguel Vilaro-Munet	X			

Mr. Doelling reported on Project 22-2 GE 90-30 PLC Upgrade as there have been shipping delays on PLCs. Phase 2 of the project has been delayed until August 2022. The quoted amount for Phase 3 is \$45,633.70.

Mr. Doelling reported on Project 22-3, Emergency Repair of Nitrification Tank Aerators Structural Supports. Allied is waiting for the delivery of steel to begin work. The steel is scheduled to arrive by July 29, 2022.

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 additional action from NJDEP on the study.

**Expansion of River Road Planning Report:** Kleinfelder has begun work on this project.

**2022 Annual Inspection:** Kleinfelder continues to progress on the inspection of all SBRSA facilities. Inspection of the upstream plants, two (2) meter stations, and inspection of all SBRSA electrical systems remain.

**2022 Annual Odor Study:** The Annual Odor study has been scheduled for August 15 and 16, 2022.

## **Design**

**Hopewell WWTP Upgrade (Contract 22-4):** Kleinfelder continues with the design phase of this project. The Treatment Works Application has been submitted.

## **Construction**

**Contract 17-1 Pennington WWTP Upgrade and Expansion:** The Pennington WWTP project remains open.

Staff awaits additional documentation, bonding, and building/plumbing permit closeouts. Below is a brief status summary of the remaining unresolved items.

- Repair of the sludge mixer breather relief valve needs to be scheduled.
- Hopewell Township Building permit and plumbing permit require closure.
- Submittal of a formal Change Orders (credits) is needed.
- Spare parts deliveries still needed:
  - Influent Pumps – Impeller with wear ring only.
  - Bar Screen and Washer/Compactor – one (1) scraper, one (1) strap, two (2) sensors, one (1) set of top rollers, one (1) set of bottom rollers, four (4) bushings, one (1) washer/compactor liner, one (1) washer compactor solenoid valve.
  - Orbal Aeration Discs – three (3) half discs required.

## **Process Control/SCADA**

The monthly meter verifications were performed by staff on July 1, 2022. Preventative maintenance was completed for all field devices and process control loops.

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

- River Road
  - Replaced a faulty oil pressure switch on Schwing Pump No. 6 that kept indicating a dirty oil filter.
  - Installed a new 'Open' limit switch on the Emergency Bypass Damper for Incinerator No. 2.
  - Reconditioned and replaced Emergency Bypass Damper status and control relays for Incinerator No. 2.
  - Switched and cleaned the basket strainer for the scrubber skid system.
  - Mounted a new security camera for the front parking lot.
  - Sand blasted all parts of the filter No. 6 influent actuator. Honed the cylinder, replaced the chevron packing, and repainted most parts.
  - The low-pressure switch on one of the calibration gas cylinders for CEMS No. 2 became unreliable and was replaced.

- Repositioned the pH sensor on Scrubber No. 2 to prevent the buildup of fly ash on the sensing element.
- Performed a full motor drive output analysis of the variable frequency drive on the RTO Forced Draft Fan.
- Assisted Maintenance staff with troubleshooting RTO vibration problems. Provided interlock overrides to test-run components individually.
- General maintenance and tune-up of RTO controls:
  - Replaced corroded fasteners and conduit fittings.
  - Tightened and sealed two leaking pneumatic valve actuators.
  - Calibrated the inlet draft pressure transmitter.
  - Calibrated the Forced Draft Fan bearing temperature probes.
- Reconnected a thermocouple on Incinerator No. 2, Hearth 3, that was found disconnected. Verified status and functionality of all other thermocouples.
- Replaced and reprogrammed the Central Processing Unit for the Ash Handling System Programmable Logic Controller, which failed due to a blown capacitor.
- Replaced several defective gauges on the thickened sludge pump seal water system.
- Cleaned all the basket strainers on the thickened sludge seal water system.
- Removed a build-up of dust out of the heatsink on Modified Aeration (MA) return sludge pump No. 1 that kept alarming for heatsink overtemp.
- Replaced the blown status light on MA mixer 2-2.
- The remote Human-Machine Interface for the RTO became unresponsive and lost its network configuration. It was reset and reconfigured.
- Replaced the degraded lead-acid batteries in the uninterruptible power supply for the Scrubber No. 1 Control Panel.
- Replaced the empty 'zero' calibration gas on CEMS unit No. 2.
- Pennington Plant
  - Replaced the backwash pressure gauge that was leaking onto instrumentation wiring and added a valve to isolate the gauge from the process in case of future issues.
- South Brunswick Pump Station
  - Replaced the roof exhaust fan transformer that had become faulty after overheating. Replaced the blown 25-amp fuses with 20-amp fuses for the roof exhaust fan to hopefully prevent damage to equipment in the future.
  - Unclogged the low pressure tap of the flow meter.
  - Replaced a faulty wet well level signal isolator.

## Information Technology

### General:

Preventative maintenance was completed for all Information Technology devices and services. During this reporting period:

- Three server backups (*ws-engineering-1t*, *ws-instr-1t2*, *svr12*) were checked for corruption and readability. Staff has confirmed that the data is stable and recoverable.
- The network connection to the new UV Building has been established, and integration of the new equipment into our SCADA has begun.

- Modifications to the CEMs room network cabinet have been performed. These changes have reduced the amount of equipment and the equipment footprint in the office.
- The latest version of SCADA client has been released, tested, and is being deployed to all SBRSA nodes. 88% of Control nodes and 90% of View nodes have been updated.
- Staff has completed the technical portion of the New Jersey Utility Authority’s (NJUA) Municipal Excess Liability (MEL) Cyber Risk Management Program’s self-reported Gap Assessment. Staff is completing the Administrative portion of the Gap Assessment and will submit to auditors once complete. Staff anticipates receipt of the auditor’s report, allowing SBRSA to move forward in the renewal process, next month.

**Uninterruptable Power Supply (UPS) Maintenance:**

IT staff continues its efforts to develop a tracking and preventative maintenance schedule for all UPS devices.

**Trace-Environmental WebDAS2k:**

Staff is awaiting schedule availability from TRACE Environmental.

**KnowBe4/Cyber-Security Training:**

The 2022 Security Awareness training is complete.

**608.13 Finance**

Payment of Bills and Claims

Mr. Goldfarb moved for approval Resolution 2022-061 for the payment of bills and claims in the amount of \$1,225,242.37 with two signatures instead of three. The motion was seconded by Ms. Switlik and passed by a roll call vote of 6 to 0. Resolution 2022-061 follows.

**Resolution Regarding Payment of Bills and Claims**

**Resolution No. 2022-061**

**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 \$1,225,242.37 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			
David A. Goldfarb	X			
C. Schuyler Morehouse	X			

Bharat Patel	X
Pamela Switlik	X
Miguel Vilaro-Munet	X

Treasurer’s Report

Mr. Chong reported the net income for the 2022 fiscal year, ending June 30, 2022, of \$1,444,458. The Authority has total cash and investments of \$15,964,178. The current construction project balance is \$1,902,634. There are sufficient funds for these projects. The outstanding bond principal balance is \$16,739,894.

Monthly Sludge Business Analysis

Mr. Chong reported that the net income figure for June is \$147,504, and the cumulative net income for the fiscal year is \$998,184.

Staff recommended approval of Resolution 2022-062, Authorizing Award of a “No Political Contributions Allowed” Contract for Non-Professional Service Vendors. This is the Pay-to-Play provision in anticipation of making purchases that will exceed the \$17,500 limit from vendor(s) listed in the resolution. All appropriate documents have been obtained from these vendors.

Resolution 2022-062 was moved by Mr. Goldfarb, seconded by Mr. Vilaro-Munet, and passed by a roll call vote of 6 to 0. Resolution 2022-062 follows.

**Resolution Authorizing Award of “No Political Contributions Allowed” Contract(s) for Non-Professional Service Vendors**

**Resolution No. 2022-062**

**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, 2021, and ending November 30, 2022, and may be extended as approved by this governing body; and,

**WHEREAS**, the attached list of vendors 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 vendors) 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 vendors to enter into contracts 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			
David A. Goldfarb	X			
C. Schuyler Morehouse	X			
Bharat Patel	X			
Pamela Switlik	X			
Miguel Vilaro-Munet	X			

<b>Year 2022 No Political Contribution Allowed Contracts</b>	
<u>Company Name</u>	<u>Service</u>
Nichem Co.	Carbon Replacement (Princeton PS)

Mr. Morehouse requested that staff provide the per kilowatt current saving from using solar energy.

Mr. Chong reported that the state still has not released the GASB 68 for pension liability. Due to this delay, the New Jersey Department of Community Affairs (DCA) extended the audit deadline to August 31, 2022.

**608.14 Personnel Report**

Ms. Pchola reported that an Operator VI had been hired, a Mechanic IV was promoted to a Mechanic III, and two (2) Mechanic IIIs were promoted to Mechanic IIs. Mr. Kunert, Plant Manager, retired on July 1, 2022. Mr. Ireland was promoted to Plant Manager. An Operator VI and the Staff Accountant resigned.

**608.15 Correspondence**

For information only.

**608.16 Old Business**

Nothing to report.

**608.17 New Business**

Nothing to report.

**608.18 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 7:35 p.m.

**608.19 Executive Session**

Dr. Downey asked for a motion on amended Resolution 2022-063, Authorizing Closed Session Pursuant to the Open Public Meetings Act to Discuss Issues Regarding Attorney/Client Privilege with Regard to Issues Related to the Draft EPA Consent Decree and the Brick Farm Properties, LLC Request to be Included in the SBRSA SSA. Resolution 2022-063 was moved by Mr. Morehouse, seconded by Mr. Vilaro-Munet, and passed by a roll call vote of 6 to 0. Resolution 2022-063 follows.

**Resolution Authorizing Closed Session Pursuant to the Open Public Meetings Act to Discuss Issues Regarding Attorney/Client Privilege with Regard to Issues Related to the Draft EPA Consent Decree and the Brick Farm Properties, LLC Request to be Included in the SBRSA SSA**

**Resolution No. 2022-063**

**BE IT RESOLVED** by the Stony Brook Regional Sewerage Authority (“Authority”) on this 25<sup>th</sup> day of July 2022, as follows:

1. In accordance with the Open Public Meetings Act, the Authority shall adjourn to executive session in accordance with N.J.S.A. 10:4-12(b)(7), in order to discuss issues regarding Attorney/Client Privilege with regard the Draft EPA Consent Decree and the Brick Farm Properties, LLC request to be included in the SBRSA SSA.
2. The minutes of the executive session 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			
David A. Goldfarb	X			
C. Schuyler Morehouse	X			
Bharat Patel	X			
Pamela Switlik	X			
Miguel Vilaro-Munet	X			

**608.20 Report of Executive Session**

A discussion took place regarding the issues related to Brick Farm Properties, LLC request to be included in the SBRSA SSA and draft Consent Decree.

**Return to Public Session**

The Board returned to Public Session at 8:30 p.m.

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

There was nothing to report.

**608.22 Adjournment**

As there was no further business to come before the Board, the meeting was adjourned at 8:32 p.m. on a motion by Mr. Vilaro-Munet, seconded by Mr. Goldfarb, and passed by unanimous vote.

Respectfully Submitted,

Antonia Pchola  
Secretary

Recorded and Written by  
Angela Christiano  
July 27, 2022