

Minutes of Meeting #593, May 24, 2021 – Stony Brook Regional Sewerage Authority

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

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

MEMBERS ABSENT: Patel

CONSULTANTS: Alexander

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

593.01

Chairman Downey opened the regularly scheduled meeting at 7:04 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.

593.02 Approval of Minutes

Ms. Pchola noted the changes to the April 26, 2021, Board Meeting minutes. The revised minutes were approved by Mr. Goldfarb, seconded by Ms. Switlik, and passed by a vote of 5 to 0.

593.03 Board Related Activities

Ms. Pchola stated that there are no consultant contracts to be awarded.

Ms. Pchola informed the Board members that there would be a tour of the Pennington WWTP for three (3) Board Members on June 1, 2021, at 4:30 p.m. given by Mr. Kunert.

593.04 Planning and Administration

Ms. Pchola reported that the most current 12-month average daily flow at the River Road WWTP is 10,089,084 gpd with 915,112 gpd of inoperative flow leaving an available capacity of 2,055,804 gpd. The current 12-month average daily flow at the Hopewell WWTP is 269,902 gpd with 0 gpd of inoperative flow leaving an available capacity of 30,098 gpd. The current 12-month average daily flow at the Pennington WWTP is 282,011 gpd with 25,943 gpd of inoperative flow and is over capacity by 7,954 gpd.

Ms. Pchola reported that the monthly meter verifications were performed by staff on May 4, 2021. All flow meters were within $\pm 5\%$.

Ms. Pchola reported that Pennington WWTP experienced a power surge and outage on April 9, 2021, resulting in a loss of flow and totalizer reading data. The April 9, 2021, flow data for the Pennington WWTP influent and effluent meters were substituted with the average of the day before, April 8, 2021, and the day after, April 10, 2021.

Ms. Pchola reported that the Summary of Meter Summation vs. River Road STP Influent Meter indicated a difference of 0.11% with the River Road STP Influent Meter being higher.

593.05 Approval Requests and Actions

Mr. Doelling reported that there are three (3) TWA applications recommended for approval.

Mr. Doelling reported that a TWA application for 574 Village Road West, Block 16.11, Lot 73.01; West Windsor Township, Mercer County for a flow rate of 300 gpd was submitted for approval. The project includes a 397 LF sanitary sewer extension to provide service to a single-family residence. The proposed sewer line will connect to an existing sanitary stub. The project has been approved by West Windsor Township and the TWA application has been endorsed by the Director of Community Development & Township Engineer.

Staff recommended approval of Resolution 2021-040, Authorizing Endorsement of Application for Treatment Works Approval Statement of Consent for Sanitary Sewer extension for 574 Village Road West, Block 16.11; Lot 73.01, West Windsor Township, Mercer County.

Resolution 2021-040 was moved by Mr. Morehouse, seconded by Mr. Vilaro-Munet, and passed by a roll call vote of 5 to 0. Resolution 2021-040 follows.

Resolution Authorizing Endorsement of Application for Treatment Works Approval Statement of Consent for Sanitary Sewer Extension for 574 Village Road West, Block 16.11; Lot 73.01; Township of West Windsor, Mercer County

Resolution No. 2021-040

WHEREAS, an application for Treatment Works Approval has been submitted to Stony Brook Regional Sewerage Authority (SBRSA) by B&G Engineering, LLC on behalf of West Windsor Township for the connection of a residential family dwelling at 574 Village Road West; and

WHEREAS, the applicant proposes sanitary sewer extension of approximately 397 linear feet of 8-inch PVC sanitary sewer main and 25 linear feet of 4 inch PVC sanitary lateral for connection of a single family residence, and an increase in projected sanitary flow of 300 gallons per day (gpd); and

WHEREAS, the project is more particularly described in the Treatment Works Approval Permit Application on file at the office of the SBRSA; and

WHEREAS, the New Jersey Department of Environmental Protection (NJDEP) presently requires the certification by the Wastewater Treatment Facility Owner, that the committed flow does not exceed the presently permitted design capacity and with the additional flow proposed by this application; and

WHEREAS, SBRSA has reviewed the application based on the requirements of N.J.A.C. 7:14A-23.3 Projected Flow Criteria, and the flow associated with this application is 300 gpd; and

WHEREAS, this project has been approved by West Windsor Township (Resolution 2019-R175) and the TWA application has been endorsed by the Director of Community Development & Township Engineer, dated April 30, 2020 on Form WQM-003 Consent by Governing Body; and

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 300 gpd.

The Executive Director of SBRSA is authorized and directed to execute the Treatment Works Approval (TWA-1 Application) Form WQM-003 in accordance with the SBRSA Resolution adopted August 21, 1984.

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

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

Mr. Doelling reported that the TWA application for the Princeton Senior Apartments located at 100 Thanet Road in Princeton has been submitted for approval, for a flow rate of 9,238 gpd. The TWA application is for a second portion of the Thanet Road Redevelopment plan. This TWA application is in addition to the 49,028 gpd of flow approved for the AvalonBay Communities project, on the same lot, at last month's Board meeting. The Princeton Senior apartments portion of the redevelopment area will be subdivided from the main parcel and consists of an 80 unit, 4-story age-restricted affordable multifamily apartment building. The project has been approved by Princeton Planning Board, and the TWA application has been endorsed by the Sewer Design Engineer.

Staff recommended approval of Resolution 2021-041, Authorizing Endorsement of Application for Treatment Works Approval Statement of Consent for Sanitary Sewer connection for Princeton Senior Apartments at 100 Thanet Road, Block 5502; portion of Lot 4, Princeton, Mercer County.

Resolution 2021-041 was moved by Mr. Goldfarb, seconded by Mr. Vilaro-Munet, and passed by a roll call vote of 5 to 0. Resolution 2020-041 follows.

**Resolution Authorizing Endorsement of Application for Treatment Works Approval
Statement of Consent for Sanitary Sewer connection for
Princeton Senior Apartments (100 Thanet Road),
Block 5502; portion of Lot 4, Princeton, Mercer County**

Resolution No. 2021-041

WHEREAS, an application for Treatment Works Approval has been submitted to Stony Brook Regional Sewerage Authority (SBRSA) by ESE Consultants, Inc. on behalf of Princeton LIHTC Urban Renewal, LLC for the connection of a multi-family building including 80 age-restricted affordable apartment units in Princeton; and

WHEREAS, the applicant proposes sanitary sewer service for 80 age-restricted affordable apartment units for an increase in projected sanitary flow of 9,238 gallons per day (gpd); and

WHEREAS, the proposed sanitary sewer extension will connect into the exiting sanitary main within Thanet Road; and

WHEREAS, the project is more particularly described in the Treatment Works Approval Permit Application on file at the office of the SBRSA; and

WHEREAS, the New Jersey Department of Environmental Protection (NJDEP) presently requires the certification by the Wastewater Treatment Facility Owner, that the committed flow does not exceed the presently permitted design capacity and with the additional flow proposed by this application; and

WHEREAS, SBRSA has reviewed the application based on the requirements of N.J.A.C. 7:14A-23.3 Projected Flow Criteria, and the flow associated with this application is 9,238 gpd; and

WHEREAS, this project has been approved by the Princeton Planning Board (Findings of Fact dated November 17, 2020); and

WHEREAS, this project has been endorsed by the Sewer Design Engineer on Form WQM-003 Consent by Governing Body; and

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 9,238 gpd.

The Executive Director of SBRSA is authorized and directed to execute the Treatment Works Approval (TWA-1 Application) Form WQM-003 in accordance with the SBRSA Resolution adopted August 21, 1984.

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

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

Mr. Goldfarb recused himself from the TWA application submitted by Princeton University for the sanitary sewer relocation for the redevelopment on a portion of the University’s campus.

The TWA application for approval is for zero (0) flow. This project is the relocation of an existing sanitary sewer pipe and construction of a dry sanitary sewer line on the Princeton University Campus. The work proposed includes the construction of approximately 2,567 linear feet (LF) of 8-inch PVC sanitary sewer and 21 new manholes. Future flows will be submitted via a separate application. The project has been reviewed and approved by the Municipal Planner, Land Use Engineer, and Zoning Office. The TWA application has been endorsed by the Princeton Sewer Design Engineer.

Staff recommended approval of Resolution 2021-042, Authorizing Endorsement of Application for Treatment Works Approval Statement of Consent for the Princeton University Environmental Studies and School of Engineering and Applied Sciences (Ivy Lane and Western Way, Block 50.01, Lot 18) Sanitary Sewer relocation and Dry Line Sewer, Municipality of Princeton, Mercer County for zero (0) gpd.

Resolution 2021-042 was moved by Mr. Vilaro-Munet, seconded by Ms. Switlik, and passed by a roll call vote of 4 to 0, 1 recused. Resolution 2021-042 follows.

**Resolution Authorizing Endorsement of Application for Treatment Works Approval
Statement of Consent for the Princeton University Environmental Studies and School of
Engineering and Applied Sciences (Ivy Lane and Western Way, Block 50.01, Lot 18)
Sanitary Sewer relocation and Dry Line Sewer, Municipality of Princeton, Mercer County**

Resolution No. 2021-042

WHEREAS, an application for Treatment Works Approval has been submitted to Stony Brook Regional Sewerage Authority (SBRSA) by Nitsch Engineering on behalf of the Trustees of Princeton University for the relocation of existing sewer and construction of dry sanitary sewer infrastructure to support future development on the Princeton University campus; and

WHEREAS, the proposed sanitary sewer extension includes the construction of approximately 2,567 LF of 8-inch PVC sanitary sewer and 21 new manholes with a projected sanitary flow of zero gallons per day (gpd); and

WHEREAS, future flows will be submitted via separate Treatment Works Approval (TWA) applications; and

WHEREAS, the project is more particularly described in the Treatment Works Approval Permit Application on file at the office of the SBRSA; and

WHEREAS, the New Jersey Department of Environmental Protection (NJDEP) presently requires the certification by the Wastewater Treatment Facility Owner, that the committed flow does not exceed the presently permitted design capacity and with the additional flow proposed by this application; and

WHEREAS, this project has been reviewed and approved by the Municipal Planner, Land Use Engineer, and the Zoning Officer and received an administrative waiver from the Princeton Planning Board (dated February 25, 2021); and

WHEREAS, the TWA application has been endorsed by the Princeton Sewer Design Engineer on Form WQM-003 Consent by Governing Body; and

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 zero gpd.

The Executive Director of SBRSA is authorized and directed to execute the Treatment Works Approval (TWA-1 Application) Form WQM-003 in accordance with the SBRSA Resolution adopted August 21, 1984.

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

<u>Recorded Vote:</u>	<u>AYE</u>	<u>NO</u>	<u>ABSTAIN</u>	<u>ABSENT</u>
Gale D. Downey	X			
David A. Goldfarb*				
C. Schuyler Morehouse	X			
Bharat Patel				X
Pamela Switlik	X			
Miguel Vilaro-Munet	X			
* Recused from voting				

Mr. Doelling reported that the approved 49,028 gpd of wastewater flow for AvalonBay Communities was added to the Total Inoperable Flow for Princeton.

593.06 Regulatory Report

Mr. Goldfarb requested an update on the pending lab audit. Ms. Pchola indicated that the lab audit will be presented in the June Board report as staff recently received the information.

Dr. Downey congratulated staff on the Platinum Peak Performance Awards received for all three facilities.

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 March 2021 were submitted with no violations reported.

The April 2021 DMRs are currently being prepared.

Residuals Discharge Monitoring Report (RDMR)

The February 2021 RDMRs were submitted to NJDEP. All River Road parameters were compliant with the Air Permit requirements.

The March 2021 RDMRs are currently being prepared.

Air Reporting

The 1st quarter 2021 Incinerator Sludge Metals Report was submitted to NJDEP on May 5, 2021. There were no exceedances of the monthly, 12-month weighted average, and 15-month rolling metals concentration limits, nor the 12- month rolling lead or mercury emission limits.

The 1st quarter 2021 Excess Emissions and Monitoring Report was submitted to NJDEP. Both incinerators operated with the Regenerative Thermal Oxidizer (RTO) and Afterburners (AB) during this monitoring period. Incinerator No. 1 operating with AB (OS1) had 0.5 hours, Incinerator No. 2 operating with AB (OS3) had 0.16 hours and Incinerator No. 2 operating with RTO (OS28) had 0.25 hours of excess Oxygen emissions (Oxygen <3.0%). Carbon Monoxide (CO) concentrations during these periods were less than 100 ppm_{dv} at 7% Oxygen.

The 2020 Annual Emission Statement, prepared by KEMS LLC, was submitted to NJDEP, and certified, utilizing the NJDEP online portal on May 17, 2021.

Laboratory

SBRSA laboratories at River Road, Hopewell, and Pennington facilities have achieved acceptable results for all parameters in the NJDEP 2021 Proficiency Testing (PT) study from ERA (PT provider). The NJDEP Office of Quality Assurance (OQA) will still need to validate the results.

Miscellaneous

The Platinum Peak Performance Awards by NACWA, for all three facilities, were received on May 21, 2021. The River Road facility received a Platinum 21 award and the Hopewell and Pennington facilities received a Platinum 13 award. The NACWA letter was provided in the report.

593.07 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 May 6, 2021, Stony Brook Regional Sewerage Authority has gone 145 consecutive days without a “Lost Time” accident.

On April 13, 2021, an employee was injured while replacing door hardware as part of resolving a fire code violation. The employee was treated and able to return to full duty.

Kleinfelder 2021 Annual Inspection

The 2021 electrical inspection portion of the annual inspection was completed on April 30, 2021. The mechanical portion of the inspection began on May 4, 2021 and is expected to be completed by the end of May.

Inspections

- On March 16, 2021, the annual fire alarm inspection was conducted at the Hopewell and Pennington plants. Both facilities passed inspection.
- On May 3, 2021, the Princeton Fire Inspector returned for a reinspection of the River Road WWTP for a previously noted deficiency: repairs to door latches and installation of door closers on four (4) doors at the River Road plant. The repairs were made, and the inspection concluded with no further issues.

Training

- Personal Protective Equipment (PPE) training was provided via the MEL Safety Institute (MSI) Live webinar to two (2) employees on April 26, 2021.
- Ladder Safety/Walking Surfaces training was provided via MSI Live webinar to six (6) employees on April 26, 2021.
- Fire Safety training was provided via MSI Live webinar to four (4) employees on April 28, 2021.
- Shop and Tool Safety training was provided via MSI Live webinar to seven (7) employees on May 3, 2021.

Miscellaneous

Staff continues to attend the weekly COVID-19 web-conference check-in meetings hosted by the New Jersey Association of Environmental Authorities (AEA).

There were zero reports of employee exposure to COVID-19 during this reporting period. Four unvaccinated employees were asked to quarantine following travel per the CDC travel guidelines and as provided in the SBRSA policy memo.

COVID-19 Reimbursement

On April 26, 2021, SBRSA received confirmation from the Department of Homeland Security, FEMA Public Assistance Program Delivery Manager that the claim of \$15,315 for COVID-19 related purchases has been approved.

593.08 Litigation

Ms. Alexander reported that the Final NJPDES permit for the Pennington WWTP was issued on April 26, 2021. CPO and Bromodichloromethane (BDCM) requirements will be removed if SBRSA can demonstrate non-detectable levels for a few months. CWET Monitoring Frequency was reduced to once per year as requested. The Total Suspended Solids (TSS) Monthly Average Limit was changed to 5 mg/L (instead of 5.0 mg/L) as requested. The Capacity Assurance Program Trigger is now based on 0.445 MGD (instead of 0.3 MGD) as requested. SBRSA must still submit a letter advising that there are no industrial users, therefore there is no need to

calculate local limitations in order to comply with the Industrial Pretreatment Program requirements contained in the permit.

Ms. Alexander reported SBRSA received a request from NJDEP on April 19, 2021, regarding the River Road Title V Air Permit, for additional data and information regarding minimum and average temperatures during transition periods, which information was submitted on May 17, 2021 for year 2020.

593.09 Operations Report

A discussion took place regarding the methods being used to control odors.

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

River Road Facility

The River Road Facility operated well during this reporting period.

Staff started warming up Incinerator No. 1 on May 14, 2021, and plan to start feed to this Incinerator on May 17, 2021. After switching over we will begin cooling down Incinerator No. 2 so it can be cleaned out and inspected.

We dewatered, cleaned out, and inspected Gravity Sludge Thickener No. 2 during the week of April 19, 2021, then did the same to Gravity Sludge Thickener No. 1 the following week.

The remaining anthracite that was stored on-site was added to the multi-media filters during the week of May 3, 2021.

Last month it was reported that we received 60,000 gallons of gray water during March. We received a delivery of 4,000 gallons on March 31, 2021, which was not included in the total received for the month. The total volume of gray water received during March was 64,000 gallons. The change has been made on the fiscal year 2021 Outside Customer Sludge and Gray Water received worksheet, which was provided in the report.

Upstream Facilities

Both Upstream Facilities operated well during this reporting period.

The contractor, CMS, continues to work on completing the punch list items at the Pennington Facility.

Odor Report

Staff received no odor complaints during April 2021. Staff received two (2) odor complaints during the partial May 2021 reporting period. The final May number will be reported in June 2021.

Customer Sludge Deliveries

The reported quantity of liquid sludge was 4.6% above the budgeted amount, sludge cake was 11% above the budgeted amount, and gray water was 4% below the budgeted amount for April 2021.

593.10 Maintenance

A discussion took place regarding the operation and repairs of the incinerators.

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

On April 20, 2021, the Magnesium Hydroxide System used to maintain pH throughout the Nitrification process was temporarily taken offline for maintenance. Over time the chemical hardens within the supply lines and restricts the flow to the Nitrification Aeration Tanks reducing the amount of chemical delivered. All tubing and valves were replaced. The system was then tested, checked for leaks and proper distribution, and returned to normal operation.

During the weekly furnace inspection, it was noticed that a flange bearing for Incinerator No. 2, Ash Hopper Feed Screw No. 4 had failed. The system was shut down and a new bearing was installed, greased, and tested for proper operation. The system was placed back into service.

The offline Incinerator (No. 1) will be inspected, and all necessary equipment repairs as needed will be performed during May by the Maintenance and Instrumentation Departments to ensure a smooth transition when Incinerator No. 2 comes offline at the beginning of June. The goal is to switch Incinerators every six months for cleaning, inspections and keep repairs to a minimum.

During the operation of Incinerator No. 2 on April 26, 2021, the feed had become erratic, and Maintenance was called to assist with troubleshooting the problem. After inspecting Schwing Pump No. 4 and finding the filling efficiency was low, mechanics began focusing on SF-8 Storage Hopper Feed Screws and found that one of the screws was not spinning. The tail gears were found to have broken teeth and were no longer meshing with each other. The feed screws were removed from service and the damaged gears were replaced with new gears from inventory. Once the installation was completed, the screws were tested to ensure proper operation and returned to operation.

On April 26, 2021, the Effluent Flushing Water Hydrant located along Nitrification Clarifier No. 4 was found leaking during routine surveillance. The leak was isolated and secondary systems were

used to provide water where needed. The hydrant was removed on Friday, April 28, 2021. The base of the hydrant was completely deteriorated. A new hydrant from inventory was installed, and tested.

While performing the monthly Princeton Pump Station generator load test on May 3, 2021, the generator failed to start after three attempts. After completing a system check it was found that the hesitation in starting was linked to low voltage on one of the starting batteries. New batteries were purchased and installed. The generator was then started and tested under load for proper operation and placed on standby.

Provided in the report were several graphs that monitor our monthly progress. The current monthly open work requests stand at twenty (20). On the Preventive Maintenance graph, we average five (5) days overdue, and the number of overdue units is approximately four (4).

593.11 Construction Report

Mr. Doelling reported that there is one (1) change order contract modification pending approval for Contract 19-2, River Road WWTP UV Disinfection and Filtration Project.

Staff recommended approval of Resolution 2021-043, Authorizing the Approval of Contract Modification CM-001 for the Additional Building Permit Approval Costs for the River Road WWTP UV Disinfection and Effluent Filtration Project, Contract 19-2 with Allied Construction in the amount of \$10,308.

During the bidding phase of the project, it was estimated that the overall building permit fees required by Princeton would be approximately \$20,000. The cost of the permits was included as a predetermined \$20,000 lump sum bid item to allow a uniform bid price from all prospective bidders with the intent that SBRSA would reimburse the Contractor for the building permit costs. Upon the submission and subsequent approval of the building permits, the total amount due to Princeton was \$30,308 which exceeded the original amount by \$10,308.

Mr. Morehouse stated that this was discussed during the Construction Meeting and moved Resolution 2021-043, seconded by Mr. Goldfarb, and passed by a roll call vote of 5 to 0. Resolution 2021-043 follows.

Resolution Authorizing the Approval of Contract Modification CM-001 for the Additional Building Permit Approval Costs for the River Road WWTP UV Disinfection and Effluent Filtration Project, Contract 19-2

Resolution No. 2021-043

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, during the design and bidding phase of the project, it was estimated that the overall building permit fees required by Princeton would be \$20,000; and

WHEREAS, this cost was included in the Bid as an Allowance Item in the amount of \$20,000 to allow a uniform bid price from all prospective bidders with the intent that SBRSA would reimburse the Contractor for the building permit costs.

WHEREAS, during the submission and subsequent approval of the required Princeton building permits, the actual cost was \$30,308.00; and

WHEREAS, the building permits are necessary for completion of the project work; and

WHEREAS, ACG requested reimbursement of the additional costs associated with the building permits; and

WHEREAS, the Contract Modification was reviewed with staff and Kleinfelder, and it was concluded that Contractor is entitled to the reimbursement for additional permitting costs; and

WHEREAS, the abovementioned changes to Contract 19-2 are more fully set forth and incorporated within the May 24, 2021 Contract Modification CM-001 document resulting in the amount of \$10,308.00 with an adjusted total contract amount of \$15,973,308.00 and

WHEREAS, the contract completion date for the project shall remain unchanged as a result of Contract Modification CM-001; 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 No. 1 with Allied Construction Group, Inc. in the amount of \$10,308.00 resulting in an adjusted contract amount of \$15,973,308.00.
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. Pizarro reported that Contract 17-1, Pennington WWTP Upgrade and Expansion Project should have the punch list completed by the end of May 2021. The contractor will be onsite to ensure the punch list will be completed and any remaining issues are resolved.

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.

NJPDES Permits: Staff received the final Pennington WWTP NJPDES permit on April 26, 2021.

2021 Annual Inspection: The annual inspection of all SBRSA facilities is underway.

Design

River Road Sludge Storage Hopper Feed Screw Replacement Project: Staff met with the design engineer, GHD, on April 29, 2021 to discuss comments on the final design. GHD is finalizing the design in preparation for bid.

Hopewell WWTP Upgrade: Kleinfelder continues with the preliminary design phase of the project.

Construction

Contract 17-1 Pennington WWTP Upgrade and Expansion: The Pennington WWTP project remains at 94.8% complete. This month’s site work consisted of work related to the punch list including: Replacement of door hardware, caulking of the Sludge Pumping Station floor/wall joint, biofilter installation, installation of concrete sidewalks, hydrant bases, and asphalt installation.

CMS has increased site manpower and confirms it remains on schedule for project completion in May 2021. Provided in the report was an updated punch list.

Small Capital Projects

Contract 21-1 Regenerative Thermal Oxidizer Valve Replacement Project: Staff reviewed and returned BR Welding’s shop drawing submittal for RTO valve parts on April 28, 2021. Parts are

projected to arrive onsite on July 30, 2021. The valve repair is expected to occur during the following week.

Process Control/SCADA

The monthly meter verifications were performed by staff on May 4, 2021.

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

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

- River Road WWTP
 - Repaired the Recycle Flow Meter for CD-401 after its signal dropped out.
 - The Cell Waste valve actuator for Effluent Filter No. 5 was unable to close due to a loss of head pressure from a leak in the water supply. New water supply piping was installed.
 - Adjusted the open and close limit switches on the effluent control valves for Filter Nos. 1, 3, and 5.
 - Rebuilt the effluent control valve actuator on Filter No. 3.
 - Replaced a defective seal water pressure switch which was causing the variable frequency drive (VFD) for Thickened Sludge Pump No. 3 to intermittently fault and shut down.
 - The condensing tray thermocouple in Scrubber No. 2 failed and was repaired.
 - Installed new security cameras on the Incinerator Building roof. These cameras will capture areas of planned new construction.
- Pennington WWTP
 - A nonreplicable anomaly, triggered by a program timer overrun, caused the primary programmable logic controller (PLC) responsible for the control of all plant processes to shut down in a halted state. The issue was found, and a full reset of the PLC was performed. The system was returned to service.
- South Brunswick Pump Station
 - Staff replaced a phase monitor disconnect switch for the Automatic Transfer Switch (ATS) in the substation in response to the generator failing to shut down.
 - Coordinated the repair of the VFD for Sewage Pump No. 1 after one of the output phases failed.

INFORMATION TECHNOLOGY

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

- Three Uninterruptable Power Supply (UPS) devices at the RRWWTP were tested and found to be within operating specifications.
- Three server backups (server13, svr12, and SDNRR) were tested for the ability to be restored.
- Switch configurations were updated for 2 devices ('swch02' 'swch03') to match the changes completed on 'swch00' and 'swch01' last month.

KnowBe4/Cyber-Security Training: The password construction training issued on October 14, 2020, and the annual security awareness training issued on December 1, 2020, remain at 97% complete (1 Board member is remaining).

Verizon Machine-to-Machine Network: The databased used for monthly flows was updated to use the new North Ridge meter station and Princeton Forrestal Connector meter station Machine-to-Machine (M2M) network data for reporting. The M2M network connection hardware for the remaining stations continues to arrive piecemeal. The antennae for the remaining modems have arrived. We are currently waiting for the delivery of the modems.

RRWWTP Operation Building Structured Cabling Project: Staff met with TeleQuest Inc. on May 10, 2021, to discuss the remaining work. It was determined that 2-3 more days would be needed to complete the fiber terminations and work was scheduled for the week of May 24, 2021.

593.12 Finance

Payment of Bills and Claims

Mr. Goldfarb moved for approval Resolution 2021-045 for the payment of bills and claims in the amount of \$1,166,056.48 with two signatures instead of three. The motion was seconded by Mr. Morehouse and passed by a roll call vote of 5 to 0. Resolution 2021-045 follows.

Resolution Regarding Payment of Bills and Claims

Resolution No. 2021-045

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 \$1,166,056.48 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 2021 fiscal year, ending April 30, 2021, was \$629,297. The Authority has total cash and investments of \$15,130,101. The current construction project balance is \$3,142,549. There are sufficient funds for these projects. The outstanding bond principal balance is unchanged at \$18,282,657.

Monthly Sludge Business Analysis

Mr. Chong reported the net income figure for April is \$142,264 and the cumulative fiscal year to date net income is \$579,309.

Staff recommended approval of Resolution 2021-046, Authorizing Award of a "No Political Contributions Allowed" Contract for Non-Professional Vendor. This is the pay-to-play provision that staff anticipates making purchases from this vendor that will exceed the \$17,500 limit. Staff has obtained the appropriate documentation from these vendors. The service this vendor provides is listed on the last page of the resolution.

Resolution 2021-046 was moved by Mr. Goldfarb, seconded by Mr. Morehouse, and passed by a roll call vote of 5 to 0. Resolution 2021-046 follows.

Resolution Authorizing the Award of a "No Political Contributions Allowed" Contract(s) for Non-Professional Service Vendors

Resolution No. 2021-046

WHEREAS, the Stony Brook Regional Sewerage Authority has a need to acquire goods or services as a no political contribution allowed contract pursuant to the provisions of N.J.S.A. 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 12-months. Commencing on December 1, 2020, and ending November 30, 2021, 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 Stony Brook Regional Sewerage 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 Stony Brook Regional Sewerage 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			

Year 2021 No Political Contribution Allowed Contracts:	
Company Name	Service
Potter and Parson, Inc.	Pump Parts

A discussion took place regarding the potential replacement of the current Superior accounting and financial software with Edmunds accounting and financial software. Staff had provided the estimated costs associated with Edmunds and discussed the added efficiency associated with the software.

The Board members indicated that if staff is confident this a more efficient tool to use then it should be their decision to switch. Mr. Chong indicated that if we replace the existing accounting software it would start at the beginning of Fiscal Year 2022.

593.13 Personnel Report

Ms. Pchola reported that Mr. Roga was promoted to Maintenance Manager as discussed last month.

593.14 Correspondence

For information only.

593.15 Old Business

There was nothing to report.

593.16 New Business

Staff recommended approval of Resolution 2021-044, Authorizing the Award of a Liquid Sludge Receiving Contract with the Educational Testing Service. This is an eight (8) month contract for

disposal of liquid sludge contract excluding transportation at a rate of \$71 per 1,000 gallons, from April 26, 2021, to December 31, 2021. This is continuing business.

Resolution 2021-044 was moved by Mr. Goldfarb, seconded by Mr. Vilaro-Munet, and passed by a roll call vote of 5 to 0. Resolution 2021-044 follows.

**Resolution Authorizing the Award of a
Liquid Sludge Receiving Contract with the
Educational Testing Service**

Resolution No. 2021-044

WHEREAS, the Stony Brook Regional Sewerage Authority (SBRSA) receives liquid sludge and sludge cake at its River Road Wastewater Treatment Plant; (RRWTP) by and through its liquid sludge depot and its sludge cake receiving facilities, respectively; and

WHEREAS, the Educational Testing Service (ETS), located at 660 Rosedale Road in Princeton, New Jersey, has a need to dispose of its liquid sludge; and

WHEREAS, the Educational Testing Service has requested an Agreement with SBRSA for the disposal, excluding transportation, of liquid sludge; and,

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

WHEREAS, the Educational Testing Service agrees that liquid sludge will be accepted for disposal at a rate of \$72 per 1,000 gallons; and

WHEREAS, the term of this Agreement will be from April 26, 2021 to December 31, 2021; and

WHEREAS, the SBRSA is desirous of entering into an acceptable agreement for disposal of the Educational Testing Service's liquid sludge; and

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

1. The Chairman is hereby authorized and directed to enter into a contract with the Educational Testing Service as described herein.
2. This Resolution shall take effect immediately.

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 Educational Testing Service.

<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			

Staff recommended approval of Resolution 2021-047, Awarding Contract for the Hauling and Disposal of Grit and Screenings to Spectraserv for a twenty-four (24) month contract for the amount of \$72,560. The current hauling Champion did not submit a bid for this contract.

Resolution 2021-047 was moved by Mr. Goldfarb and seconded by Mr. Morehouse.

A discussion took place regarding the tipping fee and hauling fee.

Resolution 2021-047 was passed by a roll call vote of 5 to 0. Resolution 2021-047 follows.

Resolution Awarding Contract for the Hauling and Disposal of Grit and Screenings

Resolution No. 2021-047

WHEREAS, the Stony Brook Regional Sewerage Authority (the “Authority”) advertised for the receipt of sealed competitive bids in accordance with the requirements of the Local Public Contracts Law, N.J.S.A. 40A:11-1 et seq. for the bid of hauling and disposal of grit and screenings; and

WHEREAS, the following sealed competitive bids were received by the Authority on May 19, 2021, as more fully set forth in the attached Bid Tabulation Sheet:

	<u>Hauling Fee</u>	<u>Tipping Fee</u>	<u>Total Price</u>
<u>Twelve (12) Months</u>			
Spectraserv	\$16,780.00	\$19,500.00	\$36,280.00
United Site Services	\$17,500.00	\$25,000.00	\$42,500.00
<u>Twenty-Four (24) Months</u>			
Spectraserv	\$33,560.00	\$39,000.00	\$72,560.00
United Site Services	\$35,500.00	\$50,000.00	\$85,500.00

WHEREAS, the Authority has determined that the bid of Spectraserv is the lowest bid; and

WHEREAS, the bidder, Spectraserv submitted a bid in the amount of \$72,560.00 for the two-year bid; and

WHEREAS, the bid has been reviewed by the Authority to determine compliance with the bid specifications in accordance with the Local Public Contracts Law N.J.S.A. 40A:11-1 et. seq. and the same have been determined to be in order; and

WHEREAS, the Finance Director has certified funds are available in the 2021 Budget Grit Removal line account 3000-4509. Only amounts for the 2021 Budget Year have been certified. Amounts for future years are contingent upon sufficient funds being appropriated; and

NOW, THEREFORE, BE IT RESOLVED by the Stony Brook Regional Sewerage Authority that it hereby awards a two-year contract for the bid of the hauling and disposal of grit and screenings to Spectraserv, the lowest responsive bidder; 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			

593.17 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 7:53 p.m.

593.18 And such other issues as may come before the Board

There was nothing to report.

593.19 Adjournment

As there was no further business to come before the Board, the meeting was adjourned at 7:54 p.m. on a motion by Mr. Morehouse, seconded by Mr. Vilaro-Munet and passed by unanimous vote.

Respectfully Submitted,
Antonia Pchola
Secretary

Recorded and Written by
Angela Christiano
June 9, 2021