

Minutes of Meeting #554, February 26, 2018– Stony Brook Regional Sewerage Authority

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

MEMBERS PRESENT: Bartolini, Compton, Downey, Goldfarb, Morehouse, Patel

MEMBERS ABSENT:

CONSULTANTS: Alexander,

STAFF PRESENT: Bixby, Carlino, Kantorek, Kunert, Pchola, Rahimi, Roga, Sears, Stewart, Thomas

554.01 Chairman Bartolini indicated that pursuant to Section 13 of the Open Public Meetings Act, adequate notice of the time and place of this meeting 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 on the Authority's website.

554.02 Approval of Minutes

The minutes from the January 22, 2018 Board meeting were approved as presented on a motion by Dr. Downey, seconded by Mr. Morehouse and passed by a vote of 6 to 0.

554.03 Board Related Activities

Report of the Nominating Committee

Dr. Bartolini noted that this is the Authority's reorganization meeting and the next item of business was the Report from the Nominating Committee and the election of officers for 2018.

Mr. Compton, Chairperson of the Personnel Committee, nominated the following slate of officers for 2018:

Robert A. Bartolini, Chairman
Gale D. Downey, Vice Chairman
C. Schuyler Morehouse, Treasurer
John Kantorek, Secretary
Patricia Carlino, Assistant Secretary

The nomination of officers was closed and elected on a motion by Mr. Goldfarb, seconded by Dr. Downey and passed by a vote of 6 to 0.

Committee Assignments

Chairman Bartolini reviewed the Committee Assignment policy. Chairman Bartolini stated that the only change possible was made in 2016, moving Mr. Patel to the Construction Committee and Mr. Goldfarb to the Finance Committee. Therefore, Chairman Bartolini presented the following Committee assignments for 2018:

Construction Committee

Gale D. Downey, Chairperson
Harry Compton
Bharat Patel

Finance Committee

C. Schuyler Morehouse, Chairperson
David A. Goldfarb

Personnel Committee

Harry Compton, Chairperson
Bharat Patel

Oversight Liaison

David A. Goldfarb

Mr. Goldfarb indicated that as a general practice there should be rotation of Board members on the Committees. Perhaps next year there could be some Committee changes. Board members should be familiar with all the operations of the Authority.

Chairman Bartolini noted that he will take that into consideration when making assignments.

Resolution 2018-10, To Authorize the Defense and Indemnification of the Members and Employees of the Stony Brook Regional Sewerage Authority

Mr. Kantorek explained that for the past several years this Resolution has been passed on an annual basis at the Authority's reorganization meeting.

Mr. Kantorek indicated that this Resolution will provide for the defense and indemnify past and present Board members and employees of the Authority unless the act was: not within the scope of the such member or employee's duties; was carried out in an individual capacity; the subject matter of any action brought by the SBRSA against the member or employee; a violation of the Local Government Ethics Law (P.L. 1991, c 29); or due to actual fraud, actual malice, willful misconduct or an intentional wrong.

Mr. Kantorek noted that the Resolution will take effect immediately, but would automatically expire unless re-authorized at each annual reorganization meeting of the Authority.

Mr. Kantorek recommended approval of Resolution 2018-10, To Authorize the Defense and Indemnification of the Members and Employees of the Stony Brook Regional Sewerage Authority. The resolution was moved by Dr. Downey and seconded by Mr. Compton and passed by a roll call vote of 6 to 0. Resolution 2018-10 follows.

**RESOLUTION TO AUTHORIZE THE DEFENSE AND INDEMNIFICATION OF
THE MEMBERS AND EMPLOYEES OF THE STONY BROOK REGIONAL
SEWERAGE AUTHORITY**

Resolution No. 2018-10

WHEREAS, there exists a need to protect each past and present member and employee of the Stony Brook Regional Sewerage Authority ("SBRSA") from the monetary costs of fines, penalties, damages, settlements, costs and legal fees associated with the defense of any civil or criminal actions which may be brought against the SBRSA, or any such member or employee, as the result of any action(s) or omission(s) relating to the duties of such member or employee to the SBRSA; and

WHEREAS, the SBRSA desires to provide such protection for each past and present member and employee from the financial consequences of any such civil or criminal action to the extent permitted by law and, therefore, provided that such alleged action or omission does not constitute actual fraud, actual malice, willful misconduct or an intentional wrong in the judgment of the SBRSA;

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

1. The SBRSA shall, to the extent permitted by law, provide a defense and indemnification to the past and present members and employees of the SBRSA and, therefore, shall pay or otherwise reimburse each past and present member and employee of the SBRSA for all fines, penalties, damages, costs and legal fees associated with any civil or criminal action which may be brought against such member or employee based upon an act or omission of that member or employee arising out of and directly relating to the lawful exercise of his or her official duties or under color of his or her authority.

2. In any case where the SBRSA provides a defense to a member or employee, it is authorized and directed to make direct payments to counsel or reimburse the member or employee for the costs associated with his or her defense upon the approval by the SBRSA of proper vouchers submitted therefore, but in no case shall the SBRSA be authorized to pay or reimburse for legal fees and expenses exceeding those customarily charged for legal services in the defense of such actions.

3. For the purpose of this Resolution, the term “member” shall include any and all persons appointed by the governing bodies of the constituent municipalities pursuant to N.J.S.A. 40:14A-4

4. Any person seeking the provision of a defense and indemnification under the policy enunciated in this Resolution shall give prompt notice to the SBRSA of the pendency of any such civil or criminal action for which payment or reimbursement is sought, at which time the SBRSA shall by Resolution implement the provisions set forth herein.

5. It is within the sole discretion of the SBRSA, in any action where the provision of such a defense and indemnification is sought by a member or employee, to:

- a. Provide a defense by an attorney chosen by the SBRSA;
- b. Provide a defense by an attorney of the member or employee's choosing; or
- c. Assert the SBRSA's right under any appropriate insurance policy which requires the insurer to defend and indemnify.

6. Notwithstanding the foregoing, the SBRSA may refuse to provide for the defense or to indemnify any past and present member or employee of the SBRSA in any action referred to above or may recover any amounts paid on behalf of such member or employee for such defense if in its sole discretion it has reason to conclude that the act or omission was:

- a. Not within the scope of such member or employee's duties or was carried out in an individual capacity;
- b. The subject matter of any action brought by the SBRSA against the member or employee;
- c. A violation of the Local Government Ethics Law (P.L. 1991, c. 29); or
- d. Due to actual fraud, actual malice, willful misconduct or an intentional wrong.

7. In the event a contested matter, to which this Resolution is applicable, is resolved by way of settlement, the SBRSA may take into account the facts, circumstances and allegations which led to the settlement in its determination of whether it may, subject only to the provisions of paragraph 6, indemnify such past and/or present member(s) and/or employee(s) against whom such settled claims had been made.

8. It is the intention of this Resolution to set forth the policy of the SBRSA with respect to the defense and indemnification of persons associated with the SBRSA in the management of its affairs and businesses to the maximum extent permitted by law, and if any provision hereof or the application hereof to any person or circumstance is held invalid

by a court of competent jurisdiction, such invalidity shall not affect other provisions of this Resolution and to this end the provisions hereof are declared to be severable.

9. The policy set forth in this Resolution shall take effect immediately, but shall automatically expire unless re-authorized at each annual reorganization meeting of this Authority.

Recorded Vote:	AYE	NO	ABSTAIN	ABSENT
Robert A. Bartolini	X			
Harry Compton	X			
Gale D. Downey	X			
David A. Goldfarb	X			
C. Schuyler Morehouse	X			
Bharat Patel	X			

Consultant List

The consultant list was provided for information. Mr. Kantorek noted that there are two contracts pending award tonight in the Construction section of the Board meeting.

Chairman Bartolini noted that a revised Member List/Municipal Information is included in the Board book. He asked the Board members to review the list and if there are any changes please let staff know.

Mr. Goldfarb noted that there are six (6) Board members, each with a five (5) year term and suggested that there should be no more than one Board member's term expiring in a given year except when two expiring terms are necessary. Mr. Goldfarb indicated that several Board members' terms will be expiring in 2018.

The Board asked Mr. Kantorek to review the terms.

Dr. Downey stated that each Board member needs to communicate with their municipality to advise them when their term is expiring. It can be confusing to the municipality otherwise.

554.04 Planning and Administration

Mr. Kantorek reported that the most current 12-month average daily River Road plant flow is 9,519,604 gpd with 845,487 gpd of approved but inoperative flow for a total committed flow of 10,365,091 gpd with 2,694,909 gpd or 20.63% of available capacity. The most current 12-month average daily flow at the Hopewell Plant is 215,450 gpd with 300 gpd of inoperative flow, for a total committed flow of 215,750 gpd with 28.08% or 84,250 gpd of available capacity. The Pennington Plant presently has 235,767 gpd as the most current 12-month average daily flow, with 28,655 gpd of approved but inoperative flow, for a total committed flow of 264,422 gpd, with 11.86% or 35,578 gpd of available capacity.

Mr. Kantorek noted that the inoperative flow for the River Road WWTP was updated in January with a total of approximately 77,000 gpd being removed from Princeton. Staff will contact the other municipalities to obtain updated information.

Mr. Kantorek noted the 12-month daily average flows went down slightly during the month of January. Mr. Kantorek indicated that the month of February has been rainy and there should be a slight increase in flows.

Monthly Flow Transmittal

Mr. Kantorek indicated that there were no meter adjustments for the month of January.

554.05 Approval Requests and Actions

TWA-1 Approvals

Harborage of Princeton, Block 98, Lot 3.06, South Brunswick Township

Ms. Pchola reported that this project is for the construction of approximately 1,635 linear feet of 8-inch diameter sanitary sewer, associated manholes and a 160-bed assisted living facility.

160 bed assisted living facility	100 gallons per day per bed	16,000 gpd
	Total Flow	16,000 gpd

Ms. Pchola noted that the Board report stated an incorrect flow request of 1,600 gpd and should be 16,000 gpd.

Ms. Pchola indicated that the engineer has indicated that this project has received site plan approval from South Brunswick Township.

Staff recommended approval of this application for a flow rate of 16,000 gpd contingent upon approval from the South Brunswick Township Planning Board and approval from the South Brunswick Township Engineer.

So moved by Dr. Downey, seconded by Mr. Goldfarb and passed by a vote of 6 to 0.

Time Extensions

None.

NJPDES Applications

None.

Water Quality Management Plan Amendments

None

Allocated Flow Update

None

554.06 Regulatory Report

Discharge Monitoring Report (DMR)

Mr. Rahimi reported that the Discharge Monitoring Reports for the month of December 2017 and January 2018 were submitted to the NJDEP. There were no violations reported.

Mr. Rahimi indicated that the River Road Effluent Semi-annual Surface Water Discharge Waste Characterization Report was submitted. This report details the priority pollutants that have been historically present in the facility effluent. All values were at the expected levels.

Residuals Discharge Monitoring Report (RDMR)

Mr. Rahimi indicated that the November 2017 RDMRs were submitted. All River Road parameters were compliant with the Authority's Air Permit requirements.

Mr. Rahimi noted that staff is currently preparing the December RDMR.

Mr. Rahimi stated that the River Road 2017 annual Residuals Waste Characterization Report (RWCR) was submitted to the NJDEP. All parameters were within the expected ranges for this facility.

Mr. Rahimi reported that the 2017 annual RWCRs for the River Road WWTP and the Hopewell and Pennington WWTPs for sludge production were submitted to the NJDEP.

Mr. Rahimi indicated that the semi-annual RDMR for Hopewell and Pennington were submitted to the NJDEP. The results were within the expected ranges for these facilities.

Air Reporting

Mr. Rahimi stated that the 2017 Annual Belt Filter Press Report was submitted to the NJDEP. This report calculates the hourly and annual emissions rates for formaldehyde, benzene, vinyl chloride, chloroform, carbon tetrachloride, 1,1,1 trichloroethane, methylene

chloride, tetrachloroethylene, trichloroethylene, toluene and xylenes. The calculated emissions were less than the Title V Permit limits.

Mr. Rahimi reported that the 4th quarter 2017 Incinerator Sludge Metals Report was filed with the NJDEP. There were no exceedances of the monthly or 12-month weighted average metals concentration limits or the 12- month rolling lead or mercury emission limits.

Mr. Rahimi indicated that the 4th quarter 2017 Excess Emissions and Monitoring Report was submitted to the NJDEP and the EPA. Only Incinerator No. 2 with the RTO operated during this monitoring period with no excess emissions or channel downtime for oxygen (O₂) and carbon monoxide (CO).

Mr. Rahimi reported that the semi-annual 40 CFR 60, Subpart O Report for the last six months of 2017 was submitted to the NJDEP and the EPA. There were no excess emissions reported for scrubber differential pressure and oxygen.

Mr. Rahimi stated that the federal annual 40 CFR 503 Subpart E Report was submitted to EPA utilizing the new Central Data Exchange (CDX) portal. The 40 CFR 503 limits were not exceeded for the seven reported metals: arsenic, beryllium, cadmium, chromium, lead, mercury and nickel. This report also supplies daily and monthly averages for combustion hearth temperatures, afterburner temperature, RTO temperature, pressure drop, CO, and oxygen.

Mr. Rahimi indicated that the Title V 2017 Combined 2nd Half Semi-Annual Deviation Report/Annual Compliance Certification was prepared by staff and submitted to the NJDEP and EPA. This report includes all deviations that occurred throughout the reporting year including the requirements for Subpart LLL.

Mr. Rahimi stated that staff is currently preparing the 2017 Title V Annual Bypass Use report.

Mr. Rahimi noted that the following affirmative defense was submitted to the NJDEP:

On December 23, 2017 while operating Incinerator No. 2 with the RTO (OS28), SBRSA experienced a commercial power interruption. The interruption occurred at 11:31 which activated multiple interlocks. Sludge feed stopped, the natural gas burners shut off, the bypass stack opened, the duct that directs the flue gas through the RTO closed and the valve to the Afterburner (AB) opened. The incinerator operator responded to the situation and began to restart the equipment associated with the incinerator. The operator noticed that an issue had occurred with the scrubber pumps and this prompted the operator to investigate further. The operator discovered the force main that conveys the fly ash slurry (FAS) to the head end of the treatment plant (to the Grit Tanks) was leaking. At this point it was necessary to shut down the scrubber system. At 14:14 the natural gas burners in Incinerator No. 2 were relit and sludge burnout was started through the bypass stack. At 15:10 the burnout was completed and at 15:15 the natural gas burners were shut off and all equipment associated with Incinerator No. 2 was shut down as well.

Chairman Bartolini asked staff how many power interruption violations have been reported. Staff indicated that approximately twenty (20) instances have been reported. Mr. Goldfarb asked if NJDEP has responded to these violations. Staff indicated that the NJDEP has not responded to any of the Affirmative Defenses.

Miscellaneous

Mr. Rahimi explained that the Incinerator Slag disposal annual recertification application was submitted to Waste Management of Pennsylvania (WM) on February 9, 2018. However, WM rejected SBRSA's application for two newly added parameters, Total Sulfur and Total Sulfate. Staff is looking for an outside company to test for these new parameters. In the interim they are seeking a temporary approval until the testing can be completed. The current certification ends on March 11, 2018. Since it appears that SBRSA will not meet the March 11th date, staff will order two (2) twenty-yard dumpsters to hold the slag until the testing has been completed and submitted to WM for recertification.

Mr. Rahimi reported that on January 2, 2018 the 2017 semi-annual Phosphorus Compliance Report for the River Road facility was submitted to the NJDEP. A copy of the report was provided to the Board.

Mr. Rahimi indicated that on January 2, and February 22, 2018, the 2017 annual beneficial reuse report for all three facilities was submitted to the NJDEP. Copies of the reports were provided to the Board. No wastewater was beneficially used in 2017 at the River Road, Hopewell and Pennington facilities.

554.07 Safety

Ms. Pchola noted that as of February 20, 2018 Stony Brook Regional Sewerage Authority has gone 559 consecutive days without a "Lost Time Accident".

Ms. Pchola reported that staff requested a proposal from Pennoni to conduct indoor air quality monitoring and testing for areas that are occupied on a regular basis. Staff will seek to obtain proposals from other vendors.

Ms. Pchola indicated that on January 26, 2018 the Joint Insurance Fund (JIF) assessed the Authorities' safety programs and procedures. Staff is waiting for the report.

Ms. Pchola stated that on February 2, 2018 staff performed the annual review of the 2017 confined space entries. A copy of the report was provided to the Board.

Ms. Pchola reported that on February 9, 2018 Princeton Bureau of Fire Safety conducted its annual inspection of the River Road facility and Princeton Pump Station. Staff is waiting for the report.

Training for this reporting period included:

- Fall Protection safety training was provided for 3 employees in-house on January 31, 2018.
- Confined Space Entry with practical training was provided for 3 employees in-house on January 31, 2018.

Mr. Goldfarb asked if the elevated level of H₂S at the Millstone Pumping Station will be resolved with the Odor Abatement Project. Ms. Pchola indicated that a high velocity fan will be installed as part of the project for increased ventilation and should resolve the level of H₂S for personnel entry.

554.08 Litigation

The Litigation Report was provided for information.

Ms. Alexander indicated that there were no changes to the report.

554.09 Operations Report

River Road Facility

Mr. Kunert reported that on Friday, January 26th and Saturday, January 27th Thomas Controls and Siemens were on-site to complete the work needed at the sub-station to make our emergency generators operational and available in a commercial power outage. This required two shutdowns, one each day, during the low flow period of the day. The job was very well coordinated and was completed without incident. The generators are now available and in the stand-by mode. Mr. Kunert indicated that the new generator was successfully tested twice.

The Board asked how confident staff was that the new generator would perform during a commercial power outage. Mr. Kunert indicated that the new generator was tested twice and believes it will work. Dr. Downey indicated that staff tests the generators on a monthly basis. Mr. Ireland confirmed that the generators are tested on a monthly basis.

Chairman Bartolini asked staff if the testing procedure is the same for the natural gas-powered generator as it was for the fuel oil powered generators. Mr. Ireland stated that it is the same. The incinerator is shut down and then the generator is tested.

Mr. Goldfarb stated that when there is a loss of commercial power the incinerator shuts down and it takes a long time to start the incinerator back up. When commercial power is restored the incinerator shuts down again. On what basis does staff decide to start the incinerator when on generator power and does this cause any problems/damage to the incinerator. Staff explained that when commercial power is restored it does not

automatically switch the incinerator from generator to commercial power. Staff would continue with generator power, shut the incinerator down and then switch to commercial power eliminating any problems or damage to the incinerator.

Mr. Kunert indicated that as reported last month, 17,388 gallons of old fuel oil was removed from the underground storage tank in the rear parking area. Staff received a check in the amount of \$8,694.00 from NRG Heat & Power LLC. One thousand (1,000) gallons of fresh fuel oil, along with the proper additive, was added to the tank to avoid decommissioning the tank.

Mr. Kunert indicated that on February 11, 2018 SBRSA experienced a storm event causing increased flows. The influent flow at the River Road WWTP peaked at 30 MGD and the process handled this flow without incident.

Mr. Kunert reported that the necessary repairs to Incinerator No. 1 began on February 14, 2018. The work is being performed by Albertus Energy as per the bid contract. The repairs should be completed the week of March 12, 2018.

Mr. Kunert noted that the RATA testing for both Incinerators is scheduled for the week of March 19, 2018.

Upstream Facilities

Mr. Kunert reported that on February 11, 2018 a storm event occurred causing increased flows. The filters at both Upstream facilities were by-passed due to hydraulic overload. A Hotline call was made to the NJDEP as required.

Mr. Goldfarb asked once the Pennington STP expansion is completed, will that eliminate bypassing the filters. Staff indicated that it would. A brief discussion regarding why the filters were by-passed took place.

Odor Report

Mr. Kunert reported that staff received one odor complaint during the month of January and no odor complaints during the partial month of February. The full February number will be reported at the March 2018 Board meeting.

Customer Septage and Sludge Deliveries

The quantities of liquid sludge and sludge cake were above their budgeted amounts. The quantity for gray water was below its budgeted amount for the month of January.

Staff indicated that the increase in liquid sludge was due to several customers that normally use land application to dispose of sludge cannot land apply during the winter months. During this time, customers bring their liquid sludge to the Authority for disposal.

554.10 Maintenance

Mr. Ireland reported that on January 2, 2018 during routine incinerator checks, it was discovered that Sump Pumps No. 1 and No. 2 were unable to maintain a sump well level during the WESP flush cycle. The pumps are located in the basement of the Incinerator Building. After further investigation, it was determined that both check valves were worn and a hole had developed in the discharge side of Pump No. 2 allowing water to leak back into the sump pit. Two new check valves and a section of new discharge piping were installed and the pumps were placed back into service.

Mr. Ireland explained that while operating the incinerator on January 19, 2018, Schwing No. 3 was showing signs of inadequate feed resulting in erratic tonnage swings. After inspecting the pump, it was determined that the storage bin needed to be emptied for further inspection and entry. After inspecting the bin, it was found that only one of the two feed screws were turning because a bolt slid out of the stub shaft allowing the screw to jam and snap the remaining bolts. New bolts were installed into the stub shaft and once tested, the screw was placed back into service.

Mr. Ireland indicated that while performing preventive maintenance on the center shaft cooling air fan on Incinerator No. 2, it was discovered that the motor was vibrating and making excessive noise on the fan side. During a scheduled shut down a new ten (10) horsepower motor was installed and tested.

Mr. Ireland reported that during the down time of Incinerator No. 1 staff took the opportunity to give a much-needed overhaul to ash hopper feed screws No. 1 and No. 3. These screws convey incinerated ash to the storage hopper. The conveyor screws were removed and replaced with new screws, drive and tail shafts and new bearings. Also, two new gear boxes were installed because of recent failures during operation. The overhaul was completed and tested on January 30, 2018.

Mr. Ireland indicated that Modified Aeration Return Pump No. 3 motor was removed from service due to a loud noise on the fan side on January 31, 2018. The motor was replaced with a new forty horsepower electric motor and a new Omega coupling. The pump was tested and placed back into service.

Mr. Ireland stated that on February 4, 2018 the natural gas meter stopped totalizing. PSE&G was notified of the current condition of the meter and was on site February 13, 2018 to inspect the meter. PSE&G determined that the meter needed to be replaced so a scheduled shut down was performed on February 16, 2018 for the installation of the new meter.

Mr. Ireland noted that the current monthly open work requests stand at twenty-two (22). The preventative maintenance graphs show that SBRSA is currently averaging two (2) days overdue and the number of overdue units is approximately twenty-one (21).

Mr. Ireland explained that a list of Work Orders and Preventative Maintenance for the month of January 2018 was provided to the Board. The list was included to inform the

Board of the amount of work performed monthly in addition to safety items and items in the Kleinfelder Annual Inspection Report.

Chairman Bartolini noted that for the month of January 2018, the list shows one hundred ten (110) work orders were completed and one hundred twenty-two (122) preventative maintenance jobs completed.

Chairman Bartolini commended management and staff for a job well done.

554.11 Construction Report

Title V Permit

Ms. Pchola reported that SBRSA was issued an initial pre-draft Title V Permit on August 2, 2017. Upon receipt of the pre-draft permit, staff provided comments to NJDEP (August 22, 2017) which included a statement regarding the use of the bypass stack. The use of the bypass stack was removed from the pre-draft permit based on the EPA Subpart LLL regulations which states that the incinerator must be in compliance with all emission standards at all times including equipment malfunctions.

Ms. Pchola stated that staff requested a meeting with NJDEP. NJDEP then indicated that SBRSA provide information as to how SBRSA intends to be in compliance with the emission standards during the use of the bypass stack when there is sludge combustion in the incinerator.

Ms. Pchola explained that staff and KEMS attended a meeting with NJDEP on January 30, 2018. The purpose of the meeting was to discuss the need/use of the bypass stack. Staff discussed the history of the provision for the use of the bypass stack in the current Title V Permit and the need for an emergency bypass in the operation of multiple hearth incinerators (MHI). All MHIs have emergency bypass stacks. MHIs utilize an induced draft (ID) fan that results in a negative pressure in the incinerator. If the ID fan were to shut down due to an equipment malfunction (several equipment malfunctions are interlocked with the ID fan), the incinerator would go positive resulting in the building to fill with smoke, if there was not a bypass for relief. The bypass stack is for the protection/safety of personnel and equipment. Although NJDEP indicated that they understood the need for the bypass, there is still the provision in the Subpart LLL regulations that indicates that all emission standards must be met when there is sludge combustion in the incinerator even during periods of malfunctions and this provision must be included in the Title V Permit. NJDEP indicated that SBRSA should provide a letter to EPA indicating SBRSA's position on the bypass stack use and get a determination from them regarding the use during equipment malfunctions. NJDEP indicated that it is possible that it was not the intent of EPA to meet all emission standards when using the incinerator bypass. Staff is in the process of drafting a letter to USEPA.

Ms. Pchola indicated that staff has received the most recent pre-draft Title V Permit from NJDEP on February 23, 2018. All comments have been incorporated with the bypass stack being the only outstanding issue.

Mr. Goldfarb stated that he thought there were other issues with the permit besides the use of the bypass stack. Ms. Pchola indicated that there were a few small issues that have been resolved.

Dr. Downey asked if the final permit is issued without the use of the emergency bypass stack could the Authority ask for an Adjudicatory Hearing. Ms. Alexander responded that the Authority could request a hearing.

Contract 17-1 Pennington WWTP Upgrade and Expansion

Ms. Pchola reported that on February 5, 2018 staff received a copy of the Hopewell Township Planning Board Resolution No. 18-8 memorializing preliminary and final site plan approval for the Pennington Wastewater Treatment Plant Expansion. Kleinfelder is currently in the process of addressing all outstanding issues and finalizing the information for submission to the Township. Kleinfelder expects to complete this task by March 2, 2018.

Ms. Pchola explained that Kleinfelder is still pursuing NJDEP to complete their review of the wetlands waiver. It is our position that the expansion facilities were “approved” during the initial site plan approval for the construction of the treatment plant which indicated future facilities for expansion.

Ms. Pchola indicated that staff has contacted several facilities that are in the Delaware Raritan Canal Commission (DRCC) jurisdiction and where facilities have been constructed within the DRCC stream corridor. All facilities contacted indicated that they did require a permit but did not have to provide a conservation easement. Staff will contact the DRCC with this information.

Mr. Goldfarb asked which facilities were contacted. Mr. Kantorek responded that staff contacted Lambertville, Frenchtown, Somerset Raritan Valley Sewerage Authority and Ewing-Lawrence Sewerage Authority. All needed to obtain permits but did not have to provide a conservation easement.

Millstone Pump Station Odor Abatement Design

Ms. Pchola reported that on January 24, 2018 staff met with R3M and a manufacturer’s representative of a radial flow carbon adsorber. The technology, operational requirements, and service requirements of the radial flow unit were discussed.

Ms. Pchola indicated that on January 25, 2018 Engineering staff met with R3M to finalize the design criteria for the new odor abatement system and final scope of work. Based on the results of that discussion, R3M prepared an amendment to their engineering design and construction services agreement for the additional scope of services requested by staff.

Staff is currently in the process of reviewing the amendment request and needs to discuss the amendment with R3M for clarification.

River Road WWTP UV Disinfection/Filtration Design

Ms. Pchola stated that based on the Board's decision to combine the disinfection and filtration project as one contract and to provide the design for the full build-out of 19 mgd, staff requested that Kleinfelder provide a proposal for the same. Since Kleinfelder provided the evaluation of alternatives and recommendations, it is prudent to have the same engineering firm provide a proposal for the design of the recommended alternatives. A copy of the detailed proposal from Kleinfelder dated February 16, 2018 for the design of the River Road Wastewater Treatment Plant UV Disinfection and Effluent Filtration Systems was provided to the Board.

Ms. Pchola reported that Mr. Timothy Bradley from Kleinfelder was present at the Construction Committee meeting. Mr. Bradley presented the Committee with a detailed outline of the design proposal.

Dr. Downey indicated that the Construction Committee was satisfied with Mr. Bradley's presentation and the level of detail included in the design proposal. Kleinfelder had recently put in a similar designed disinfection system at Ewing-Lawrence Sewerage Authority (ELSA), which will benefit SBRSA from the knowledge Kleinfelder acquired through ELSA's project.

Staff recommended award of this project as a "No Political Contributions Allowed" Contract to Kleinfelder for the Design of the Ultraviolet (UV) Disinfection System and Filtration System for the River Road Wastewater Treatment Plant in the lump sum amount of \$828,320. Resolution 2018-03 was moved by Dr. Downey and seconded by Mr. Patel.

Mr. Goldfarb expressed concern over the cost of the design work. Mr. Goldfarb indicated that it is clearly a detailed proposal and contains many elements. However, he would like to be assured that staff has carefully looked at each element and that each one of the elements, in and of itself, represents a reasonable allocation of time and professional expertise as set forth in the proposal and not just based on 5% of the construction costs.

Dr. Downey indicated that Kleinfelder very carefully listed all the phases of the design work. In addition, Kleinfelder has submitted proposals to SBRSA many times in the past.

Ms. Pchola stated that staff did carefully review the proposal.

Mr. Morehouse asked why staff chose a lump sum amount for the contract. Mr. Kantorek responded that the process evaluation was completed and staff knows what systems have been selected. Therefore, the design work will be completed for a fixed price unless SBRSA changes the scope of the project. It will benefit the Authority.

Chairman Bartolini indicated that it is a necessary project to eliminate a permit issue. Dr. Downey explained that the timing of the project is expected to meet the NJDEP's July 2021

deadline for chlorine produced byproducts. If NJDEP sees that SBRSA is continually making progress towards meeting that deadline, they would be less likely to impose any deadline fines.

Resolution 2018-03 was approved by a roll call vote of 6 to 0. Resolution 2018-03 follows.

**Resolution Authorizing the Award of a “No Political Contributions Allowed”
Contract to Kleinfelder, Inc. for the Design of the Ultraviolet (UV)
Disinfection System and Filtration System for the River Road Wastewater
Treatment Plant**

Resolution No. 2018-03

WHEREAS, the Stony Brook Regional Sewerage Authority has received their New Jersey Pollution Discharge Elimination System (NJPDES) Permit for the River Road Wastewater Treatment Plant (WWTP) that includes limits for disinfection byproducts Chlorodibromomethane (CDBM) and Bromodichloromethane (BDCM); and

WHEREAS, SBRSA has a NJPDES interim compliance date to meet the disinfection byproducts permit limits by July 1, 2019; and

WHEREAS, SBRSA has requested from NJDEP a five (5) year period for compliance to meet the new disinfection byproducts limits which would extend the compliance date to July 1, 2021; and

WHEREAS, SBRSA has a need to repair/replace the existing filtration system as many of the components are original to the plant and are in need of significant rehabilitation or replacement; and

WHEREAS, at the request of SBRSA, Kleinfelder prepared an “Effluent Filtration and Disinfection Byproducts Compliance Study” dated October 2017; and

WHEREAS, the results of the study determined that UV Disinfection would be the most cost-effective means to meet the CDBM and BDCM limits and in addition the installation of UV Disinfection would eliminate the quantitative limit for chlorine produced oxidants; and

WHEREAS, the study also determined that the installation of disc filters in a new filter building is the most cost-effective alternative; and

WHEREAS, the Kleinfelder study evaluated both UV Disinfection and Filtration based on a plant flow of 16 mgd and the full buildout flow of 19 mgd (19 mgd is the full buildout flow in the Mercer County Wastewater Management Plan approved by NJDEP on October 9, 2013); and

WHEREAS, at the December 2017 SBRSA Board Meeting it was discussed and agreed by the Board that the design would be based on the River Road WWTP full buildout design flow of 19 mgd; and

WHEREAS, the engineering design effort of 16 mgd versus 19 mgd would essentially be the same with the possible exception for state and local permitting efforts; and

WHEREAS, the project will be prepared as a single construction contract to include both the UV Disinfection and Filtration; and

WHEREAS, the CFO has determined and certified in writing that the value of the work will exceed \$17,500; and

WHEREAS, Kleinfelder has submitted a detailed proposal dated February 16, 2018 outlining the tasks included for the design of the UV Disinfection System and the new Filtration System for the River Road WWTP; and

WHEREAS, Kleinfelder has submitted an Agreement indicating they will provide the design on a lump sum basis not to exceed \$828,320 without prior written permission from Stony Brook Regional Sewerage Authority; and

WHEREAS, Kleinfelder has submitted a Business Entity Disclosure Certification on January 17, 2018 which certifies that Kleinfelder its subsidiaries, assigns or principals controlling in excess of 10% of the company has neither made a contribution that is reportable pursuant to the Election Law Enforcement Commission pursuant to N.J.S.A. 19:44A-8 or 19:44A-16, in the one (1) year period preceding the award of the contract that would, pursuant to P.L. 2004, c.19, affect its eligibility to perform this contract, nor will it make a reportable contribution during the term of the contract to a municipal political party committee of a governing body that appoints members to the Authority including, Princeton, South Brunswick Township, West Windsor Township, Hopewell Borough, Hopewell Township, and Pennington Borough, when the contract is awarded, or to any municipal candidate committee of any candidate for or holder of municipal elective public office of any such municipality when the contract is awarded, and

WHEREAS, it is SBRSA's intent to fund the project through the New Jersey Environmental Infrastructure Financing Program (NJEIFP); and

NOW THEREFORE, BE IT RESOLVED that the Board of the Stony Brook Regional Sewerage Authority authorizes the Chairman to enter into a contract with Kleinfelder as described herein; and,

BE IT FURTHER RESOLVED that the Business Disclosure Entity Certification and the Determination of Value is on file.

Recorded Vote:	AYE	NO	ABSTAIN	ABSENT
Robert A. Bartolini	X			
Harry Compton	X			
Gale D. Downey	X			
David A. Goldfarb	X			
C. Schuyler Morehouse			X	
Bharat Patel	X			

Evaluation of the Existing Fly Ash Slurry Line Piping System

Ms. Pchola reported that the original construction of the River Road Wastewater Treatment Plant (RRWWTP) included the installation of three (3) 40-hp fly ash slurry (FAS) pumps located in the basement of the Incinerator Building. The fly ash slurry pumps remove spent scrubber water from the two (2) wet scrubbers and discharge the flow into the effluent channel of the Grit Removal Tanks via a common discharge header and 10-inch fly ash slurry line. The spent scrubber water has a low pH (~3.8) and is highly abrasive.

The discharge header is constructed of 8-inch and 10-inch pipe manufactured by Delta Ducon of Malvern, Pennsylvania and has been in service for over thirty-five (35) years.

In 2006-2007 the Delta Ducon FAS pipeline from the exterior of the Operations Building to the Grit Removal Tank was replaced with a steel basalt lined pipe manufactured by Kalenborn Abresist Corporation, Urbana, Indiana.

Ms. Pchola indicated that in recent years, SBRSA has experienced several problems such as line breaks, leaks from pipe sections, pipe misalignment, fitting separation and pipe support misalignment. These issues have resulted in flooding of the Incinerator Building Basement, and expensive repairs to the exterior piping system (costs to repair the exterior piping system have exceeded \$107,000).

Ms. Pchola explained that based on the above, SBRSA distributed a Request for Proposals (RFP) for the evaluation of the existing fly ash slurry line piping system. The RFP was sent to four (4) engineering firms with experience in mechanical piping system. Of the four RFPs distributed, only one proposal was received. Staff is in the process of re-evaluating the request for proposals and the project scope.

River Road WWTP Commercial Power Protection Project

Ms. Pchola reported that historically, the River Road WWTP has experienced numerous and recurring commercial power voltage sags or power blips from the utility power source. These voltage sags or power blips result in an interruption of electrical power to critical components of the incineration process and the loss of electrical power to these components in many cases cause the emergency bypass stack damper to open. While this was not an issue with our current Title V Permit (there was a provision in the permit that allowed for the use of the bypass stack) this is now an issue with the new EPA Subpart LLL regulations.

The EPA regulations require that all emissions limits be met even during times of equipment malfunctions when there is sludge feed or sludge combustion in the incinerator.

Ms. Pchola explained that in an effort to minimize the power interruptions, staff requested that AECOM perform a technical review of the critical components of the incineration process with the goal of developing a solution for the elimination or substantial reduction of commercial power voltage sag related issues.

Ms. Pchola indicated that on December 29, 2017 AECOM submitted a technical memorandum recommending solutions for the commercial voltage sag issue. Following staff's review of the technical memorandum and discussions with AECOM, staff requested and AECOM submitted a proposal for the design and construction services for the River Road WWTP Commercial Power Protection Project. A copy of the proposal was provided to the Board. It is prudent to request a proposal from the engineering firm that conducted the technical review to provide a proposal for the design of the recommended solution identified in the technical memorandum.

Ms. Pchola explained that the project involves installing two (2) uninterruptable power supplies (UPS). One will be connected to the incinerator control panel, center shaft cooling air fans and fuel combustion air fans, and the other UPS will be connected to the RTO control panel. The UPS's will allow these critical components to ride through the millisecond voltage sags and significantly reduce the occurrence of the bypass stack damper opening while there is sludge feed/combustion in the incinerator.

Chairman Bartolini indicated that many big companies have commercial power protection units since an interruption in commercial power could cost the companies millions of dollars. Chairman Bartolini stated that this is a good solution for the power interruptions.

Dr. Downey indicated that the issue for SBRSa is the potential fines that may be assessed for the use of the emergency bypass stack. The commercial power protection should eliminate 50% of future affirmative defenses.

Staff recommended approval of Resolution 2018-07, Authorizing the Award of a "No Political Contributions Allowed" Contract to AECOM for the Design and Services During Construction for the River Road WWTP Commercial Power Protection Project in the amount of \$29,440 as a time charge contract. So moved by Dr. Downey, seconded by Mr. Goldfarb.

Mr. Goldfarb commented that when he read the proposal it appeared that AECOM was confident that this would resolve the power interruptions except when there is a loss of commercial power.

Dr. Downey stated that there are other issues that can cause problems other than power interruptions, such as equipment malfunction, which could be a potential violation. The Commercial Power Protection will resolve the majority of power issues.

Once the design work is completed, SBRSA will then know the cost of the project and go out to bid.

Resolution 2018-07 was then passed by a roll call vote of 6 to 0. The resolution follows.

**Resolution Authorizing the Award of a “No Political Contributions Allowed”
Contract to AECOM for the Design and Services During Construction for
the River Road WWTP Commercial Power Protection Project**

Resolution No. 2018-07

WHEREAS, in recent years the Stony Brook Regional Sewerage Authority (SBRSA) has experienced numerous and recurring commercial power voltage sags or power blips from the utility power source; and

WHEREAS, such voltage sags or power blips result in an interruption of electrical power to critical components of the incineration process; and

WHEREAS, the loss of electrical power to critical components of the incineration process causes the bypass stack damper to open while there is sludge combustion in the incinerator; and

WHEREAS, sludge combustion to the incinerator while the bypass stack damper is open is a violation of the current EPA Subpart LLL regulations subjecting SBRSA to potential fines; and

WHEREAS, at the request of SBRSA, AECOM preformed a technical review of the critical components of the incineration process with the goal of developing a solution for the elimination or substantial reduction of commercial power voltage sag related issues; and

WHEREAS, AECOM submitted a technical memorandum dated December 29, 2017 recommending solutions for the commercial power voltage sag issue; and

WHEREAS, it is prudent to request a proposal from the engineering firm that conducted the technical review to provide a proposal for the design of the recommended solution identified in the review; and

WHEREAS, the same is true for the construction services associated with the design of the facilities; and

WHEREAS, the Authority requested and AECOM provided a proposal dated January 29, 2018, for the design and services during construction for the Commercial Power Protection project; and

WHEREAS, AECOM has submitted an Agreement indicating they will provide the design and services during construction on a time charge basis not to exceed \$29,440 without prior written permission from Stony Brook Regional Sewerage Authority; and

WHEREAS, the CFO has determined and certified in writing that the value of the work will exceed \$17,500; and

WHEREAS, SBRSA intends to fund the project through its retained earnings; and

WHEREAS, AECOM has submitted a Business Entity Disclosure Certification on November 15, 2017 which certifies that AECOM its subsidiaries, assigns or principals controlling in excess of 10% of the company has neither made a contribution that is reportable pursuant to the Election Law Enforcement Commission pursuant to N.J.S.A. 19:44A-8 or 19:44A-16, in the one (1) year period preceding the award of the contract that would, pursuant to P.L. 2004, c.19, affect its eligibility to perform this contract, nor will it make a reportable contribution during the term of the contract to a municipal political party committee of a governing body that appoints members to the Authority including, Princeton, South Brunswick Township, West Windsor Township, Hopewell Borough, Hopewell Township, and Pennington Borough, when the contract is awarded, or to any municipal candidate committee of any candidate for or holder of municipal elective public office of any such municipality when the contract is awarded, and

NOW THEREFORE, BE IT RESOLVED that the Board of the Stony Brook Regional Sewerage Authority authorizes the Chairman to enter into a contract with AECOM as described herein; and,

BE IT FURTHER RESOLVED that the Business Disclosure Entity Certification and the Determination of Value is on file.

<u>Recorded Vote:</u>	<u>AYE</u>	<u>NO</u>	<u>ABSTAIN</u>	<u>ABSENT</u>
Robert A. Bartolini	X			
Harry Compton	X			
Gale D. Downey	X			
David A. Goldfarb	X			
C. Schuyler Morehouse	X			
Bharat Patel	X			

Contract 14-1, SBRSA Emergency Generator Project

Ms. Pchola indicated that this project stands at 94% complete. No payment application was submitted by the contractor this month. Over the past reporting period the contractor completed: the modifications to the electrical substation, cleaned up the site, demobilized the temporary generator and switchboard and has begun completion of the items listed on the preliminary deficiency list. There are a few significant items that remain to be completed that include: training on the River Road system, submission of O&M manuals for the River Road system and a few control logic issues that need to be resolved.

Ms. Pchola noted that on January 27, 2018 the new emergency generator system was placed into service and now serves as River Road's emergency power source in combination with the existing turbine generator.

Contract 16-1, Schwing Pump Replacement Project

Ms. Pchola reported that MBE continues to submit shop drawings for the project. On January 26, 2018, MBE mobilized on-site and began the installation of the concrete pad for the new prefabricated building/enclosure for the Schwing Pump controls. The installation of the pad was completed on February 6, 2018. The contractor expects to install the prefabricated building in mid-March and then begin the installation of electrical conduits from the building to the existing Sludge Cake Receiving Building. It is also anticipated that several pumps will be delivered by the end of March.

Contract 16-2, MA Effluent Channel Mixers

Ms. Pchola indicated that this project stands at 100% complete. All construction work and punch list items have been completed. The final payment application has been submitted for approval at this month's Authority Board meeting.

Contract 16-4, Center Shaft Drive Replacement

Ms. Pchola reported that there has been no change to this project. The one remaining item to be completed is to test Drive No. 1 under normal operating conditions. This will be completed once all rehabilitation work on Incinerator No. 1 has been completed.

17-4, Hopewell WWTP Primary Clarifier Collector Mechanism Replacement

Ms. Pchola indicated that on February 21, 2018 this project was advertised for bid. A pre-bid site visit will be held on February 28, 2018 with the bid opening to be held on March 20, 2018. It is expected that this project will be recommended for award at the March 2018 Authority Board meeting.

Plant Influent Flow Meter

Ms. Pchola reported that SBRSA staff continues with the calibration checks on the two flow transmitters to establish historical accuracy data on each transmitter. A copy of the comparison summary of the sum of the billing meters versus the River Road plant influent meter was provided to the Board.

Information Technology

Mr. Thomas reported that on January 27, 2018 during a power outage required for the new emergency generator system installation, the CEMS Uninterruptible Power Supply (UPS)

failed and had to be bypassed to bring equipment back online. On January 31, 2018, a temporary UPS was installed to continue to provide power protection for the CEMS Room. The malfunctioning UPS is scheduled to be inspected by our instrumentation mechanics to determine if it can be repaired or needs to be replaced.

Mr. Thomas indicated that on February 7, 2018 the engineering and IT staff met with the Executive Director and IT Manager from Bayshore Regional Sewerage Authority and Mr. Sky Morehouse to discuss cyber security and network designs.

Mr. Morehouse noted that Mr. Bixby will provide assistance and be a part of a presentation on March 5, 2018 at the Technology Transfer for the Water Environment Federation. SBRSA will be the case study.

Mr. Thomas stated that on February 8, 2018, the IT staff attended the AEA IT Committee meeting via a conference call. The primary topic discussed was methods of streamlining communication and collaboration.

Mr. Thomas explained that on February 20, 2018 SCADA communication was lost with Meter Station No. 7. It was determined that the issue was on the Verizon side of the circuit and a ticket was created for repair. IT staff met with Verizon at the meter site on February 22, 2018 to assist in resolving the communication issue.

Mr. Goldfarb asked the status of SBRSA email accounts for the Board members. Mr. Thomas indicated that the emails will be setup for the next Board meeting.

554.12 Finance Report

Payment of Bills and Claims

Mr. Morehouse moved for approval of Resolution 2018-04 for the payment of bills and claims in the amount of \$1,249,983.50 with two signatures instead of three. The motion was seconded by Dr. Downey.

Mr. Goldfarb asked who was staying in Atlantic City and why. Mr. Sears indicated that Mr. Kantorek, Ms. Pchola and he are staying in Atlantic City for the AEA conference March 13 and 14, 2018. Mr. Kantorek noted that staff stays for one night only.

The resolution was then approved by a roll call vote of 6 to 0. Resolution 2018-07 follows.

Resolution Regarding Payment of Bills and Claims

Resolution No. 2018-07

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 \$1,249,983.50 be approved for payment with checks bearing two authorized signatures instead of three authorized signatures.

Recorded Vote:	AYE	NO	ABSTAIN	ABSENT
Robert A. Bartolini	X			
Harry Compton	X			
Gale D. Downey	X			
David A. Goldfarb	X			
C. Schuyler Morehouse	X			
Bharat Patel	X			

Treasurer's Report

Mr. Sears reported that net income for the two-month period ending January 31, 2018 is \$27,389.13. The adjustment from last month is due to a conversion issue with the new accounting software program. In addition, revenues last month were overstated by \$30,000 for special waste. Not all the open encumbrances were brought from the old accounting system to the new accounting system. These items are now resolved. The Authority has total cash and investments of \$17,815,145.11 at an average interest rate of 0.49%. The current construction projects balance is \$14,730,021. Mr. Sears noted there are sufficient funds for these projects. The outstanding bond principal balance is \$19,037,312. There was a small adjustment made to refinancing of the 2009 New Jersey Environmental Infrastructure Trust (NJEIT) issuance. The New Jersey Cash Management Fund yield is 0.25%.

Monthly Sludge Business Analysis

Mr. Sears reported that the net income figure for the month of January is \$97,841 and the cumulative net income is \$201,938.

Resolution 2018-05, Authorizing Contracts with Certain Approved State Contract Vendors for Contracting Units Pursuant to N.J.S.A. 40A:11-12a

Mr. Sears recommended approval of Resolution 2018-05, Authorizing Contracts with Certain Approved State Contract Vendors for Contracting Units Pursuant to N.J.S.A. 40A:11-12a. So moved by Mr. Morehouse, seconded by Dr. Downey and passed by a roll call vote of 6 to 0. Resolution 2018-05 follows.

**RESOLUTION AUTHORIZING CONTRACTS WITH CERTAIN APPROVED
STATE CONTRACT VENDORS FOR CONTRACTING UNITS
PURSUANT TO N.J.S.A. 40A:11-12a**

Resolution No. 2018-05

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

Whereas, the Stony Brook Regional Sewerage Authority has the need on a timely basis to purchase goods or services utilizing State contracts; and

Whereas, the Stony Brook Regional Sewerage Authority intends to enter into contracts with the attached Referenced State Contract Vendors through this resolution and properly executed contracts, which shall be subject to all the conditions applicable to the current State contracts;

Now, Therefore, Be It Resolved, that the Stony Brook Regional Sewerage Authority authorizes the Purchasing Agent to purchase certain goods or services from those approved New Jersey State Contract Vendors on the attached list, pursuant to all conditions of the individual State contracts; and

Be It Further Resolved, that the governing body of the Stony Brook Regional Sewerage Authority pursuant to N.J.A.C. 5:30-5.5(b), the certification of available funds, shall either certify the full maximum amount against the budget at the time the contract is awarded, or no contract amount shall be chargeable or certified until such time as the goods or services are ordered or otherwise called for prior to placing the order, and a certification of availability of funds is made by the Chief Finance Officer; and

Be It Further Resolved, that the duration of the contracts between the Stony Brook Regional Sewerage Authority and the Referenced State Contract Vendors shall be from December 1, 2017 to November 30, 2018.

Referenced State Contract Vendors

Commodity/Service	Vendor	State Contract
Influent Meters	Applied Analytics	T-0983
Data, NASPO, Software Licenses & Related Serv.	Dell Marketing LP	M-7000;M-0483;M-0003
Water, Bottled 5 Gallon	DS Service of America Inc. DBA Crystal Springs	T-0002
Industrial/MRO Supplies & Equipment	Fastenal Company	M-0002
Misc. supplies and tools	Home Depot	M-8001
#2 Fuel	Majestic Oil	T-1845
Industrial/MRO Supplies & Equipment	MSC Industrial Supply Co Inc	M-0002
Licenses & Related Serv.	PCMG Inc	M-0003
Unleaded Gas	Pedroni	T-0083
Express Courier, Delivery Service	UPS (United Parcel Service)	M-4000
Wireless Phones	Verizon Wireless	T-216A
Industrial/MRO Supplies & Equipment	WW Grainger	M-0002

RECORDED VOTE:	AYE	NO	ABSTAIN	ABSENT
Robert A. Bartolini	X			
Harry Compton	X			
Gale D. Downey	X			
David A. Goldfarb	X			
C. Schuyler Morehouse	X			
Bharat Patel	X			

Resolution 2018-06, Authorizing the Emergency Procurement Services for the Repair of the Fly Ash Slurry Line at the River Road Treatment Plant

Mr. Sears recommended approval of Resolution 2018-06, Authorizing the Emergency Procurement Services for the Repair of the Fly Ash Slurry Line at the River Road Wastewater Treatment Plant. Mr. Sears noted that this was discussed at the January Board meeting. So moved by Mr. Patel, seconded by Dr. Downey and passed by a roll call vote of 6 to 0. Resolution 2018-06 follows.

RESOLUTION AUTHORIZING THE EMERGENCY PROCUREMENT OF SERVICES FOR THE REPAIR OF THE FLY ASH SLURRY LINE AT THE RIVER ROAD TREATMENT PLANT

Resolution No. 2018-06

WHEREAS, an emergency situation developed, which could not have been reasonably foreseen, with respect to the need to repair the Fly Ash Slurry Line at the River Road Plant due to a leak in the pipe that delivers the process water back to the head of the plant. It became imperative that this pipe be repaired immediately or a temporary by-pass be installed to keep SBRSA in compliance with our permits; and

WHEREAS, the Authority has reviewed the attached Emergency Procurement Report prepared by the Assistant Manager of Engineering, regarding the emergency procurement of services in connection with the work required to repair or by-pass the damaged pipe; and

WHEREAS, pursuant to the Local Public Contracts Law, N.J.S.A. 40A:11-6, a contract may be awarded without public advertising for bids and bidding when an emergency affecting the public health, safety or welfare requires the immediate performance of the services; and

WHEREAS, the Authority is satisfied that, for the reasons articulated in the Emergency Procurement Report prepared by the Assistant Manager of Engineering, attached hereto and made a part hereof, the proposed emergency procurement is justified and meets the requirements of the Local Public Contracts Law, N.J.S.A. 40A:11-6, and regulations promulgated thereto, N.J.A.C. 5:34-6.1; and

NOW, THEREFORE, BE IT RESOLVED BY THE STONY BROOK REGIONAL SEWERAGE AUTHORITY AS FOLLOWS:

The Authority declares that an emergency exists with respect to the immediate need to repair or by-pass the Fly Ash Slurry Line at the River Road Plant as further described in the attached Emergency Procurement Report prepared by the Assistant Manager of Engineering, which emergency requires the immediate emergency procurement of services to protect public health, safety and welfare.

1. The Executive Director is authorized to execute a Contract without public advertising for bids and bidding in accordance with N.J.S.A. 40A:11-6 and N.J.A.C. 5:34-6.1, with Speidel & Sons and Pumping Services Inc with an estimated amount of \$25,400.00 for the provision of emergency services for the repairs.
2. A Contract shall not be executed unless there is proof of the contractor's New Jersey Business Registration, Certificates of Insurance, together with all documents required by law.
3. This Resolution shall take effect as provided by law.

RECORDED VOTE:	AYE	NO	ABSTAIN	ABSENT
Robert A. Bartolini	X			
Harry Compton	X			
Gale D. Downey	X			
David A. Goldfarb	X			
C. Schuyler Morehouse	X			
Bharat Patel	X			

Estimated Project Debt Service Adjustment

Mr. Sears provided the Board a copy of a Draft Memorandum regarding the Project Debt Service Adjustment (PDSA). Mr. Sears noted the PDSA will be coming to an end in 2022. To assist each Participant in preparing for the end, beginning in September 2013 SBRSA annually provided projected estimated adjustments. The estimate was prepared for two different conditions: no flow change; and projecting flow change based on the rate of flow increase/decrease over the last twenty (20) years for each Participant.

Two tables were provided; one table using no increase in flow while the other table used the projected flow through 2018.

Mr. Goldfarb asked that the Board again discuss a Stony Brook connection fee. Chairman Bartolini indicated that the connection fees have been discussed. The Board had asked its attorney, Ms. Alexander, to look into that possibility. Her legal opinion was that SBRSA cannot institute a connection fee because the Service Agreement does not allow for it.

Mr. Goldfarb indicated that the Service Agreement needs to be amended. Chairman Bartolini reminded Mr. Goldfarb that when this was previously discussed, it was left that any Board member who wanted to approach all the communities to see if they would like to amend the Service Agreement could do so. The Service Agreement was made between the communities and the Board.

Mr. Goldfarb stated that perhaps SBRSA could discuss an amendment if the new legislation regarding the 2% cap causes SBRSA to amend the Service Agreement. Ms. Alexander indicated that she does not believe that was how the new legislation was envisioned; that the service contracts would be amended. There is a law that states the State will not interfere with bonds and service contracts.

Chairman Bartolini indicated that as decided previously, the Board will not take any action regarding amending the Service Agreement. If the communities unanimously agree to amend the Service Agreement, then the Authority will abide by their decision.

Mr. Goldfarb indicated that through the years the PDSA has gotten smaller though the debt service has increased through the years. Chairman Bartolini explained that there are two different components to the charges. One component is the base charge for Operations and Maintenance (O & M) and debt service; the PDSA is a reallocation of debt on an annual basis.

Mr. Goldfarb commented that he feels the ending of the PDSA in 2022 is unfair. Chairman Bartolini and Ms. Alexander indicated that it is absolutely fair and that the end of the PDSA is stated in the Service Agreement.

Chairman Bartolini closed the discussion on the PDSA.

554.13 Personnel Report

The Personnel Report was provided for member information.

Mr. Kantorek stated that one new Operator VI was hired and one Operator VI resigned.

Chairman Bartolini noted that a “Succession Plan” will be presented to the Board at the March meeting.

554.14 Correspondence

For information.

554.15 Old Business

None

554.16 New Business

Award of Liquid Sludge Contract

The following liquid sludge contract was approved on a motion by Dr. Downey, seconded by Mr. Patel and passed by a vote of 6 to 0.

SUEZ Water
Princeton Meadows, Inc. 500,000 gallons 01/01/2018 to 12/31/2018

554.17 Open to the Public

554.18 And such other issues as may come before the Board

None.

554.19 Adjournment

As there was no further business to come before the Board, the meeting was adjourned at 8:50 p.m. on a motion by Dr. Downey, seconded by Mr. Morehouse and passed by unanimous vote.

Respectfully Submitted,

John Kantorek
Secretary

Recorded and Written by
Patricia Carlino
March 9, 2018