

Minutes of Meeting #520 April 27, 2015 – 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, Hess, Ireland, Irizarry, Neuhof, Pchola, Rahimi, Redding, Roga

520.01 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.

520.02 Approval of Minutes

The minutes from the March 23, 2015 meeting were approved as presented on a motion by Dr. Downey, seconded by Mr. Patel and passed by a vote of 6 to 0.

520.03 Board Related Activities

Shared Services Agreement with Princeton for Potential Purchase of Solar Energy

Ms. Pchola noted that the Shared Services Agreement with Princeton for the potential purchase of solar energy was amended as requested by the SBRSA Board. A copy of the amended agreement was provided to the Board.

Consultant List

The consultant list was provided for information. Ms. Pchola indicated that there is one contract pending award tonight.

520.04 Planning and Administration

Ms. Pchola reported that the most current 12-month average daily River Road plant flow is 9,496,728 gpd with 981,079 gpd of approved but inoperative flow for a total committed flow of 10,477,807 gpd with 2,582,193 gpd or 19.77% of available capacity. The most current 12-month average daily flow at the Hopewell Plant is 227,330 gpd with 1,200 gpd of inoperative

flow, for a total committed flow of 228,530 gpd with 23.82% or 71,470 gpd of available capacity. The Pennington Plant presently has 249,869 gpd as the most current 12-month average daily flow, with 19,263 gpd of approved but inoperative flow, for a total committed flow of 269,132 gpd, with 10.29% or 30,868 gpd of available capacity. Ms. Pchola noted that the inoperative flow total for the Pennington Plant is the unused portion of Bristol-Meyers Squibb approved flow.

#### Monthly Flow Transmittal

The monthly flow transmittal for March was provided for information.

Ms. Pchola noted that several adjustments were made for the month.

Review of the meter data from March 21<sup>st</sup> through March 31<sup>st</sup> at the Princeton Forrestal Meter Chamber indicated that the flows were uncharacteristically higher than normal. Discussions with South Brunswick Township indicated that there was no change in operations that would have increased that flow to the meter chamber. SBRSA staff inspected the meter site on April 2, 2015 and discovered that the flume was clogged with grease. The clog was removed and review of subsequent flow data indicated that the flows were back to “normal”.

Flow tributary to the Princeton Forrestal Meter Chamber is characteristically lower on the weekends due to the office buildings contributing to this area/meter. The average percent flow of the Princeton Forrestal flow data to the Millstone Pump Station influent meter data was calculated for weekdays and weekends. The Princeton Forrestal flows are approximately 22% of the Millstone Pump Station influent meter flow data on weekdays and approximately 19% on weekends. Therefore the Princeton Forrestal Meter data from March 21<sup>st</sup> through March 31<sup>st</sup> was calculated based on the averages to the Millstone Pump Station.

The metered flow on March 14<sup>th</sup> at Meter Station No. 6 was uncharacteristically low when compared to all the other pump stations and meter chambers. March 14<sup>th</sup> was a rain event day and on rain event days the flow at Meter Chamber No. 6 is historically closer to the Princeton Pump Station flow. The percent of Meter Chamber No. 6 flow to the Princeton Pump Station flow was calculated only for days where there was a “significant” rain event or a day when the snow melt had a significant effect on the flow during the month of March. The percent flow of Meter Chamber No. 6 to the Princeton Pump Station is approximately 87%. Therefore the flow for Meter Chamber No. 6 was replaced with 87% of the flow at the Princeton Pump Station for March 14, 2015.

#### 520.05 Approval Requests and Actions

##### TWA-1 Approvals

None.

Time Extensions

None.

NJPDES Enforcement Requested

None.

Water Quality Management Plan Amendments

None.

520.06 Regulatory Report

Discharge Monitoring Report (DMR)

Mr. Rahimi reported that the February and March 2015 DMRs were submitted to the NJDEP. No violations were reported at any of the three plants for both months.

Mr. Rahimi noted that the quarterly Capacity Assurance Report was submitted to the NJDEP on March 25, 2015. A copy of the report was provided to the Board.

Mr. Rahimi reported that the quarterly bioassays were run in March for all three facilities and submitted to the NJDEP. The results for River Road, Hopewell and Pennington were >100%.

Residual Discharge Monitoring Reports (RDMR)

Mr. Rahimi noted that the January and February 2015 RDMRs were submitted to the NJDEP. All River Road parameters were compliant with the Authority's Air Permit requirements.

Air Reporting

Mr. Rahimi indicated that the 1<sup>st</sup> quarter 2015 Excess Emissions and Monitoring Report was submitted to the NJDEP. No excess emissions were reported during this monitoring period.

Laboratory

Mr. Rahimi reported that the NJDEP 2015 Proficiency Testing (PT) results were reported to ERA (the PT provider) on April 22, 2015.

Miscellaneous

Mr. Rahimi reported that the annual Infiltration/Inflow (I&I) Progress Report was submitted to the NJDEP on March 31, 2015. A copy of the report was provided to the Board.

Chairman Bartolini indicated that the Annual Infiltration/Inflow (I&I) Progress Report and the Capacity Assurance Report are good sources of information. Ms. Pchola indicated that the I&I report is prepared on an annual basis and the Capacity Assurance Report is done quarterly. A brief discussion followed.

Mr. Rahimi noted that the applications for the National Association of Clean Water Agencies (NACWA) Peak Performance Awards for all three facilities were submitted on April 1, 2015.

#### 520.07 Safety

Mr. Irizarry reported that there were no loss time accidents/injuries for this reporting period. Mr. Irizarry noted that the graph included in his report not only depicts lost time accidents but also shows the number of no loss time accidents/injuries. All accidents/injuries that are reported to the Authority are documented on the OSHA 300 Log. A copy of that log for calendar year 2014 was provided to the Board.

Mr. Irizarry noted that as of April 1, 2015 Stony Brook Regional Sewerage Authority has gone **1301** consecutive days without a “Loss Time Accident”.

Mr. Irizarry noted that on March 26, 2015 an employee was injured while using hypochlorite to clean a Nitrification Settler. The employee suffered a chemical burn to his leg but was able to return to work immediately. The employee took it upon himself to use the hypochlorite, a task reserved for the summer due to algae growth, but did not wear the required personal protective equipment provided. Disciplinary action was taken.

Mr. Irizarry indicated that on April 12, 2015 two employees were injured while attempting to remove slag from hearth level 3 of Incinerator #2. One employee cut his pinky finger and required stitches. The second employee smashed his ring finger resulting in a fracture. Both employees were able to return to work on restricted duties. The incident occurred due to limited access to the slag through the hearth door. A photo of the area was provided to the Board. Staff will look into ways to mitigate this issue.

Mr. Irizarry reported that on April 1, 2015 staff submitted the quarterly Safety Incentive Program Report to the Joint Insurance Fund. A copy of the report was provided to the Board.

Mr. Irizarry indicated that on April 10, 2015 the annual fire door inspection for the incinerator area was conducted by Fyr-Fyter. The inspector noted that the door’s fuseable links and wires were outdated and need to be replaced. Once they receive the parts they will return to replace them.

Mr. Irizarry reported that on April 15, 2015 the bi-annual inspection of the fire suppression system for the generator at South Brunswick Pump Station was conducted. There were no issues with the system.

Mr. Irizarry noted that as mentioned at the March meeting, an employee was injured when he slipped and fell exiting the Modified Aeration Variable Frequency Drive (MAVFD) Building.

The building currently has no steps. Staff has received a quote from Genovesi & Son for the installation of the steps and will schedule this work.

#### 520.08 Litigation

The Litigation Report was provided for information.

Ms. Alexander indicated that there were several changes to the Litigation Report.

##### River Road Wastewater Concerns

Ms. Alexander reported a meeting with the NJDEP is scheduled for May 5, 2015. The NJDEP wants SBRSA to withdraw its hearing request for the outstanding issues in the River Road WWTP permit. The contested issues are relevant to SBRSA's blending line and the Infiltration/Inflow requirements. NJDEP is currently discussing the fate of blending lines with the USEPA and cannot be resolved at this time. NJDEP also advised that Nitrate effluent limitations would be established in the upcoming permit renewal.

#### 520.09 Operations Report

##### River Road Facility

Mr. Ireland reported that since Incinerator #2 was put back on-line, it has been frequently slagging up. This incinerator has never operated as well as Incinerator #1 for unknown reasons. The slagging problem is excessive. Staff hopes to switch back to Incinerator #1 and have Incinerator #2 de-slugged before the start of the installation of the new scrubber. Staff will be consulting with Chavond-Barry Engineering to try and determine why Incinerator #2 does not run as well as Incinerator #1 even though the design of these Incinerators are the same.

Mr. Ireland indicated that the bid specifications have been completed for the required repairs on Incinerator #1 as per the "Inspection and Recommendations Report" performed by Chavond-Barry. The bid opening is scheduled for May 13, 2015.

Mr. Ireland reported that Nitrification Clarifier #4 is designed differently than the other three Nitrification Clarifiers. As a result this Clarifier has always experienced clogging of the sludge withdrawal tubes which affects the clarifier's efficiency. As an attempt to rectify this problem, staff drilled different size holes in the tubes in a strategic location below the water line. This allows a small volume of clear water to mix with the sludge to help thin the sludge enough to prevent the tubes from clogging. This was completed approximately six weeks ago and the clarifier sludge withdrawal tubes have not clogged within this time period. The clarifier appears to perform as well as the three original clarifiers despite the difference in design.

Mr. Ireland noted that SBRSA is no longer receiving sludge from Bayshore Regional Sewerage Authority as of April 20, 2015. Their Incinerator is back on-line. Dr. Downey indicated that during the installation of the new scrubbers only one incinerator will be available at any given time and we will not have a backup unit. Therefore we will need to manage our sludge inventory carefully as we will have limitations on any additional quantities that we can take.

Mr. Ireland indicated that the emergency generator at South Brunswick experienced a malfunction due to a faulty ignition timer. This was repaired by Highland Industrial Turbine Service.

#### Upstream Facilities

Mr. Ireland reported that the installation of the new chemical feed equipment to accommodate 15% sodium hypochlorite is approximately 60% complete at the Hopewell Facility.

Mr. Ireland indicated that the emergency generator transfer switch timers at the Pennington Facility needed to be re-adjusted. The generator was running much longer than necessary after switching back to commercial power.

Dr. Downey asked if this problem was discovered during the monthly testing of the generator or when commercial power was lost. Mr. Ireland indicated that the problem was discovered during the monthly testing of the generator. This switch was repaired/replaced a year ago.

Mr. Ireland reported that staff installed local on/off switches on the Washwater Pumps at both Upstream Facilities. This will enable staff to run these pumps when we experience any problems with the SCADA system and makes it much easier to bleed the air from these pumps after cleaning the pump strainers.

#### Odor Report

Staff received no odor Complaints from our surrounding area during the month of March. No odor complaints were received for the partial month of April.

#### Customer Septage and Sludge Deliveries

The quantities of liquid sludge and sludge cake exceeded their budgeted amounts while the quantity of gray water was below its budgeted amounts for the month of March.

#### 520.10 Maintenance

Mr. Roga reported that on March 3, 2015 the Surface Wash Actuator for Filter #1 was replaced with a new Actuator and Indicating Switch due to a crack and continuous leaking of water.

Mr. Roga indicated that on March 5, 2015 Ash Pelletizer #1 was taken out of service to replace four bad shaft bearings. The unit was tested and placed back into service.

Mr. Roga explained that on March 17, 2015 Instrument Air Compressors #1 & #2 were removed from service because compressor #1 seized during operation and compressor #2 was over heating due to clogged ports and a bad discharge valve. Due to the age of these compressors, parts are no longer available. Currently a spare compressor located in the Incinerator basement is being used. In addition SBRSA is renting a backup compressor as well in case the spare fails. Staff is currently in the process of receiving quotes for the replacement of both Instrument Air Compressor's. These compressors are critical to the operation and supply of Instrument Air to the Incinerator controls, Emergency By-Pass Damper and the Process Drain Bubbler System.

Mr. Roga reported that on March 19, 2015 it was discovered that the Salt Spreader, which has been stored at the South Brunswick Pump Station for many years while not in use, had been stolen. The South Brunswick Police were notified and a police report was issued. The matter is still under investigation.

Mr. Roga indicated that after reviewing the Kleinfelder Inspection Report there were twenty-two High Priority items listed for the River Road Plant and Upstream plants (as of April 16, 2015) that are in need of repair. Six of the items can be repaired in-house. To date staff has completed five. The remaining sixteen items will have to be completed by outside contractors. Next month the middle priority items will be addressed.

The number of open work requests stand at eleven (11). The Preventive Maintenance graphs show that SBRSA is currently averaging two (2) days overdue and the number of overdue units is approximately thirty-eight (38).

#### Maintenance Management System

Ms. Pchola explained that the existing software that SBRSA currently uses is "Superbase" which is a database that was purchased approximately 20 years ago. Staff used the database and prepared custom reporting that maintenance uses to record assets, inventory, conduct preventative maintenance, work requests and open work requests, work history, purchase requisitions, etc. Although the system has been used extensively by the maintenance staff, the program is not user friendly, can only be utilized by a limited number of staff at any given time. The system cannot be "linked" to our finance accounting system thus making it difficult to track costs associated with assets and duplicating tasks when preparing purchase requisitions and purchase orders.

Ms. Pchola explained that prior to the Assistant Operations and Maintenance Manager's (Argely Cespedes) departure, he prepared a memo summarizing the information from the vendors who provided demonstrations of their CMMS software to SBRSA. A copy of the memorandum was provided to the Board. As a result of the information provided, MPulse was the preferred choice and one of the least expensive alternatives. The MPulse CMMS can be used with the *Microsoft SQL Server* database. Staff is also in the process of evaluating new accounting software that will also use the same database so both systems will be compatible and be able to "share" the data that can also be used for asset management

planning. In addition, the MPulse CMMS has numerous standard maintenance reports as well as the ability for staff to configure custom reports.

Staff requested that EMA review the proposal from MPulse to determine if this is the right fit for SBRSA's CMMS. EMA has recommended that SBRSA purchase MPulse. A copy of EMA's recommendation was provided to the Board. Staff also consulted with the Finance Department to ensure that the new accounting system will use the same database.

Ms. Pchola reported that the purchase price of the system is \$24,000 (which includes a 20% promotional discount until April 30, 2015) with an additional \$9,500 for Implementation Management Consulting and Planning, Data Import, and 4-days of on-site training for a total of \$33,500. Since the total is below the bid threshold the purchase of the software does not require public bidding.

Dr. Downey indicated that this is the first item recommended by EMA for the Authority's Information Technology system. Referring to the Information Technology Assessment and Recommendations report prepared by EMA, Dr. Downey indicated that the report will be discussed at the May Board meeting. EMA will also be attending that meeting to answer any questions from the Board.

Staff recommended approval of Resolution 2015-23, Authorizing a "No Political Contributions Allowed" Contract for the Procurement of the MPulse Computerized Maintenance Management System. So moved by Dr. Downey, seconded by Mr. Morehouse and passed by a roll call vote of 6 to 0. Resolution 2015-23 follows.

**Resolution Authorizing a "No Political Contributions Allowed" Contract for the Procurement of the MPulse Computerized Maintenance Management System**

**Resolution No. 2015-23**

**WHEREAS**, Stony Brook Regional Sewerage Authority (SBRSA) has a need to purchase a Computerized Maintenance Management System (CMMS); and,

**WHEREAS**, SBRSA has determined that the existing database used as our maintenance management system has limited access to staff, does not provide standard reporting (all reporting was custom developed), is not user friendly, and does not "communicate" with our finance system; and

**WHEREAS**, SBRSA has evaluated several CMMS and has determined that the system presented by MPulse best meets the needs of SBRSA, has numerous standard reporting functions including the ability to develop custom reports; and

**WHEREAS**, of the four (4) CMMS evaluated MPulse is one of the least expensive alternatives; and

**WHEREAS**, the qualified purchasing agent, Stuart Neuhof has determined and certified in writing that the value of the work may exceed \$17,500; and

**WHEREAS**, MPulse has submitted a quote dated April 13, 2015 indicating that the cost of the software is \$24,000 and the implementation assistance fee is \$9,500 for a total cost of \$33,500, and

**WHEREAS**, the funding for this project will be obtained from retained earnings; and

**WHEREAS**, MPulse has submitted a Business Entity Disclosure Certification on April 10, 2015 which certifies that MPulse 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 purchase of the MPulse Computerized Maintenance Management System in the amount of \$33,500 as described herein.

Recorded Vote:

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

520.11 Construction Report

Upstream Facilities Process Evaluation/Planning Study

Mr. Bixby indicated that Kleinfelder continues to work on this project. Staff should be receiving preliminary data shortly.

2014 Annual Inspection

Mr. Bixby indicated that an architect from AECOM was on site to evaluate the Operations Building roof. Staff received the draft evaluation of the roof on April 17, 2015. On April 24, 2015 Ms. Pchola and Mr. Bixby spoke to AECOM regarding the draft report. Staff anticipates receipt of the final report in approximately two weeks.

AECOM 2015 Annual Advice

Mr. Bixby indicated that the Authority currently has an advice account with AECOM in the amount of \$20,000. Staff requested AECOM provide electrical and structural assistance to CBE related to the scrubber water pumps that will provide the necessary final effluent water to the new scrubbers during the preparation of Contact 15-2. In addition, as a result of the Board's request to respond/address the "high priority" items listed in the 2014 Annual Inspection Report, staff requested that AECOM provide assistance in the evaluation of a new roofing system for the Operations Building. As a result AECOM anticipates that the 2015 General Advice will be expended. Staff requested that AECOM provide an amendment to their 2015 General Advice contract in the amount of \$10,000 as indicated in AECOM's attached letter dated April 14, 2015.

Staff recommended approval of Resolution No. 2015-22 Authorizing the Award of Amendment No. 1 to the AECOM 2015 General Advice contact in the amount of \$10,000. So moved by Dr. Downey, seconded by Mr. Patel and passed by a roll call vote of 6 to 0. Resolution 2015-22 follows.

**RESOLUTION AUTHORIZING THE AWARD OF AMENDMENT NO. 1 TO THE  
AECOM 2015 GENERAL ADVICE CONTRACT**

**Resolution No. 2015-22**

**WHEREAS**, Stony Brook Regional Sewerage Authority (SBRSA) currently has a contract with AECOM for General Consulting Services as a contract that does not allow for political contributions to the Authority or its members ("No Political Contributions Allowed" contract) pursuant to the provisions of N.J.S.A. 19:44A-20A et seq.; and,

**WHEREAS**, the qualified purchasing agent, Stuart Neuhof has determined and certified in writing that the value of the work may exceed \$17,500; and

**WHEREAS**, the term of this contract is from December 1, 2014 to November 30, 2015 and,

**WHEREAS**, AECOM has submitted a letter dated April 14, 2015 anticipating the that the fee of \$20,000 will be expended by AECOM once the work recently requested by SBRSA is completed, and

**WHEREAS**, the work to date under this contract included the design services associated with the electrical and structural work associated with the contract for the installation of the new scrubbers (Contract 15-2) and assistance with the evaluation/recommendation of a new roofing system for the Operations Building; and

**WHEREAS**, SBRSA has requested that AECOM provide an amendment to the contract in the amount of \$10,000 for engineering services that may be necessary for the remaining of FY 2015; and

**WHEREAS**, the amended time charge contract amount is \$30,000 and

**WHEREAS**, the Stony Brook Regional Sewerage Authority has sufficient funds in the operating for this work; and

**WHEREAS**, AECOM has on file with SBRSA a Business Entity Disclosure Certification for Fiscal Year 2015; and

**NOW THEREFORE, BE IT RESOLVED** that the Board of the Stony Brook Regional Sewerage Authority authorizes Amendment No. 1 to AECOM in the amount of \$10,000 to the 2015 General Advice Contract as described herein.

Recorded Vote:

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

#### 2015 IT Advice

Mr. Bixby reported that staff requested that EMA provide assistance with the Access database as related to the flow data in the Oracle database. Staff also requested that EMA review and comment on the proposal for the computerized maintenance management system from MPulse.

#### Millstone/South Brunswick Force Main Inspection

Mr. Bixby indicated that staff contacted Hibbard Inshore, LLC regarding a condition assessment of the Millstone and South Brunswick force mains. Staff provided Hibbard with a copy of the pump station and force main layout drawing. Upon Hibbard's review of our documents and staff's discussions with Hibbard, they indicated that they will not be able to provide a condition assessment of the prestressing wires of the Interpace pipe. The equipment that they use can only provide the condition of the interior of the pipeline.

Mr. Bixby reported that staff will consider the suggestions provided by Mr. Compton and continue to find alternate companies who provide these services. Mr. Bixby indicated that Dr. Downey recommended that some of the costs associated with this project be incorporated in the Authority's Capital Plan going forward. Staff will keep the board informed on this matter.

#### Contract 15-3 Ash Handling System Improvements

Mr. Bixby reported that GHD anticipates submitting the 90% complete plans and specifications for the design of the ash handling system improvements to staff by the end of April.

#### Contract 10-1 Headworks Project

Mr. Bixby indicated that staff prepared a letter response (reviewed by our attorney) to Tomar's letter regarding potential change orders that Tomar believes they should be compensated for as extra work. Staff has not received a response from Tomar. A copy of SBRSA's letter was provided to the Board.

#### Contract 14-1 SBRSA Emergency Generator Project

Mr. Bixby reported that as of Pay Estimate No. 1 this project is 2% complete. Thomas Controls Inc. (TCI) has submitted several Requests for Information (RFI) and has started submitting shop drawings for various equipment and materials.

Mr. Bixby indicated that on April 10, 2015 SBRSA, Kleinfelder (KLF), AECOM, and TCI met with a representative of Ener-G Rudox the authorized reseller for Mitsubishi generators. The goal of the meeting was to discuss the existing River Road emergency generator, the paralleling control scheme for the existing and new emergency generators, and the actual generator unit being proposed by TCI for the River Road treatment plant.

Mr. Bixby explained that the natural gas generator being proposed for the River Road site was built by Mitsubishi for the purpose of obtaining air emission certification from the USEPA for a natural gas 16-cylinder engine. The generator was built in Carlstadt, New Jersey in early 2014 and has approximately 10 hours of factory testing run-time on the engine. The unit/model did receive certification from the EPA however this certification is not required or necessary for SBRSA's application.

Mr. Bixby noted that the proposed gen-set has the following advantages: 1. The unit has been manufactured and is available for installation once the shop drawings are submitted and approved. Normally this would take up to 6 months from the preparation of shop drawings to the delivery of the gen-set to the site. 2. The unit was designed to be used on a continuous basis (24 hours per day, 7 days per week). As indicated by the manufacturer, this means that the unit is more robust than a unit designed for an emergency generator application. At the conclusion of the meeting the following actions were agreed to:

- SBRSA/KLF will visit the generator facility in Carlstadt to inspect the gen-set.
- SBRSA/KLF will visit the generator facility in Carlstadt to witness the factory load testing of the unit.
- SBRSA will schedule a load test of the existing generator to allow Ener-G Rudox to collect operating data on the existing system (this was completed on April 13, 2015).

- SBRSA will have an electrical testing company perform insulation testing on the existing generator.

TCI and Ener-G Rudox expect to submit the generator shop drawing within one to two weeks.

Chairman Bartolini asked how many days can this generator run if it is run 24 hours a day? Mr. Morehouse indicated that these co-gen units can run 30 to sixty days under normal circumstances.

#### Contract 14-6 Wireless Fire Alarm Communication System

Mr. Bixby reported that Meridian Property Services mobilized on March 26, 2015. On April 7, 2015 the contractor began the installation of conduits at various locations throughout the River Road site. The wireless equipment has been received.

#### Contract 15-1 Scrubber Procurement

Mr. Bixby indicated that EnviroCare has received confirmation from their sub-contractor that they have received the required material to begin fabrication of their sections of the scrubbers. It appears that they are on schedule and it is anticipated that the scrubber will be on site the week of June 8, 2015.

#### Contract 15-2, Scrubber Installation

Mr. Bixby reported that as of Pay Estimate No. 1 this project is 2% complete. The pre-construction meeting was held with SBRSA, Centerpoint and Chavond Barry Engineering on April 13, 2015. Centerpoint has begun submitting shop drawings for the long lead time items. Centerpoint was on-site on April 16, 2015 with their draftsman dimensioning the layouts for the various pipe locations.

#### Pavement Replacement

Mr. Bixby indicated that the vendor for this job has notified staff that they are unable to perform the paving work. Staff is in the process of looking for another vendor. Mr. Goldfarb suggested that staff contact Princeton to see if they have any paving work scheduled and perhaps combine our paving project with theirs.

#### Contract 14-3 Incinerator Bypass Stack Damper Replacement

Mr. Bixby reported that Derstine completed the touch-up painting to the two bypass stacks and has provided the one year maintenance bond. The bypass stacks work flawlessly. The final payment application has been submitted for payment. This project is 100% complete.

#### Information Technology Assessment

Mr. Bixby indicated that EMA, Inc. met with staff on April 8, 2015 to discuss the draft Information Technology Assessment and Recommendations Report. EMA prepared the final

report and a copy of the report was provided to the Board. EMA will be at the May 18, 2015 Board meeting to discuss the report and answer questions.

General Repairs to the Regenerative Thermal Oxidizer (RTO)

Mr. Bixby indicated that on April 13, 2015 Dürr arrived on-site and began the repairs to the RTO. The rotary valve was removed, cleaned and rebuilt with new bushings, bearings, gaskets and seals. The chamber floor was leveled and SS stiffeners welded into place. The rotary valve was re-installed, aligned, and all gap tolerances set to specifications. The unit was placed back into service on April 17, 2015 and has been operating well.

Information Technology

Mr. Hess reported that new screen development for the River Road SCADA upgrade continues with about eighty percent (80%) of the screens completed. River Road SCADA includes the River Road Plant along with the pump stations and meter stations.

Mr. Hess explained that EMA is looking at our Access database frontend to our Oracle database. While looking into this issue staff discovered some corrupted data blocks within our Oracle database. Staff is currently working to repair the corrupted data blocks.

Mr. Hess reported that SBRSA is planning to purchase Backup Edge from Microlite Corporation to supplement our disaster recovery plan for our current accounting system. Our primary backup system does not support backing up a UNIX operating system. Backup Edge does backup any UNIX or Linux operation system. Up until recently we were backing up this system using a native UNIX tar command but staff does not believe that provides enough protection especially if a bare metal recovery becomes necessary.

520.12 Finance Report

Payment of Bills and Claims

Mr. Morehouse moved the approval of Resolution 2015-24, for the payment of bills and claims in the amount of \$1,631,198.75 with two signatures instead of three. The motion was seconded by Mr. Patel and passed by a roll call vote of 6 to 0. Resolution 2015-24 follows.

**Resolution Regarding Payment of Bills and Claims**

**Resolution No. 2015-24**

**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 \$1,631,198.75 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>
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. Neuhof reported that net income for the four month period ending March 31, 2015 is \$358,002. This represents an increase of \$25,572 over the prior three-month period. The Authority has total cash and investments of \$19,612,615 at an average interest rate of 0.16%. The current construction projects balance is \$16,350,015. Mr. Neuhof noted there are sufficient funds for these projects. The outstanding bond principal balance remains at \$20,683,231. The New Jersey Cash Management Fund yield is 0.07%.

Monthly Sludge Business Analysis

Mr. Neuhof reported that net income for the month of March is \$140,011 and the cumulative net income is \$654,669. Gas usage for the month of March was 84,704 therms. The remaining simple payback for the RTO project is 2.2 years.

Mr. Morehouse indicated that in the bill list he saw a refund check for Hopewell Borough. Mr. Neuhof explained that the refund is the result of the year-end audit and flow adjustment.

520.13 Personnel Report

The Personnel Report was provided for member information.

Ms. Pchola reported that a Mechanic II was hired on March 30, 2015; however, he resigned on April 10, 2015. Mr. Patrick Delgardio was promoted on April 19, 2015 to Environmental Technician I. Mr. Argely Cespedes also resigned his position as Assistant O & M Manager.

520.14 Correspondence

For information

520.16 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.

Beverly Sewerage  
Authority

April 1, 2015 to September 30, 2015

520.18 Adjournment

As there was no further business to come before the Board, the meeting was adjourned at 8:20 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  
April 30, 2015