

Minutes of Meeting #560, August 27, 2018– Stony Brook Regional Sewerage Authority

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

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

MEMBERS ABSENT: Patel

CONSULTANTS: Alexander

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

560.01 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.

560.02 Approval of Minutes

The minutes from the July 23, 2018 Board meeting were approved as presented on a motion by Mr. Goldfarb, seconded by Dr. Downey and passed by a vote of 5 to 0.

560.03 Board Related Activities

Consultant List

The consultant list was provided for information. Mr. Kantorek stated that one amendment request from KEMS, LLC which will be discussed in Construction.

560.04 Planning and Administration

The current River Road Plant total committed flow is 11,182,239 gpd with 1,877,761 gpd of available capacity. The current Hopewell Plant total committed flow is 251,436 gpd with 48,564 gpd of available capacity. The current Pennington Plant total committed flow is 306,644 gpd and over capacity by 6,644 gpd.

Mr. Kantorek indicated that Pennington has exceeded its permitted flow due to the return of wetter weather conditions. Mr. Kantorek noted that it was a sound decision that SBRSA requested the Heritage at Pennington project be divided into phases rather than approve flow for the total buildout of the project.

### Flow Data Update

Mr. Kantorek noted that a memo regarding the flows of West Windsor Township versus South Brunswick Township was provided to the Board. The difference in flow between South Brunswick Township and West Windsor Township has been getting closer which does not follow the historical trend. Staff is in the process of determining if this data is a true reflection of the flows or whether there is an issue causing the two flows to be closer. Mr. Kantorek noted that staff is not making any adjustments at this time and will be investigating this issue further.

Chairman Bartolini, referring to the graph titled “West Windsor versus Princeton Monthly Flows – 10 Years 2008 – 2018”, pointed out that the flows were extremely close other times. Mr. Kantorek indicated that this was in the low flow range in the summer.

Mr. Kantorek indicated that staff is making the Board aware of the situation. Staff is working on gathering as many facts as possible to better understand the situation to determine why the flows have come this close.

### Monthly Flow Transmittal

Mr. Kantorek indicated that no adjustments were made for the month of July. All meters were within  $\pm 5\%$ .

## 560.05 Approval Requests and Actions

### TWA-1 Approvals

None.

### Time Extensions

None.

### NJPDES Applications

None.

### Water Quality Management Plan Amendments

None

### Allocated Flow Update

Ms. Pchola noted that on August 3, 2018 SBRSA received the TWA application for the Harborage of Princeton project in South Brunswick Township. The project was approved

at the February 26, 2018 Board meeting. A flow of 16,000 gpd was added to the Total Inoperative Flow.

Ms. Pchola explained that when the TWA was approved in February, the flow allocation was not made at that time since the approval was contingent upon receipt of all the documentation.

Mr. Goldfarb asked that if the flow is not reserved for the applicant at the time they submit their application and another applicant submits a complete application, does the first applicant lose their allocation.

Ms. Pchola indicated that it does not typically happen that way. Ms. Alexander stated that her recommendation is if the Authority wants the flow allocated at the time of approval, then it should be set forth that way in the Resolution.

Mr. Goldfarb commented that he would not have a problem with allocating the flow when an application is approved on a contingency. Chairman Bartolini explained that the Resolution Affirming Terms for Approvals for TWA-1 Sewer Extension Applications is the Authority's rules and regulations which were carefully formulated in 1992 when the Authority had a moratorium in order not to be sued. This resolution has been amended several times.

Ms. Pchola indicated that staff is in the process of amending the resolution again to make the resolution more specific.

#### 560.06 Regulatory Report

##### Discharge Monitoring Report (DMR)

Mr. Rahimi reported that the Discharge Monitoring Reports for the months of June and July were submitted to the NJDEP. No violations were reported.

##### Residual Discharge Monitoring Report (RDMR)

Mr. Rahimi reported that the following reports were submitted to the NJDEP during this reporting period:

- The May and June Residuals Discharge Monitoring Reports were submitted to the NJDEP. All the River Road parameters were compliant with the Authority's Air Permit requirements.
- The semi-annual Residuals Discharge Monitoring Reports for Hopewell and Pennington were submitted to the NJDEP.

### Air Reporting

Mr. Rahimi reported that the following reports were submitted to the NJDEP during this reporting period:

- The 2<sup>nd</sup> quarter 2018 Excess Emissions and Monitoring Report was submitted to the NJDEP. There were no excess emissions reported for this monitoring period.
- The semi-annual 40 CFR 60, Subpart O Report for the first six months of 2018 was submitted to the USEPA. No excess emissions were reported for that period.
- The semi-annual Title V Compliance Report was submitted to the NJDEP on July 31, 2018. A semi-annual Compliance Report in conformance with Subpart LLL was submitted to the USEPA.
- The 2<sup>nd</sup> quarter 2018 Incinerator Sludge Metals Report was submitted to the NJDEP. There were no exceedances reported.

### Miscellaneous

Mr. Rahimi reported that the National Association of Clean Water Agencies (NACWA) Peak Performance Platinum Awards for River Road, Hopewell and Pennington WWTPs were received on August 21, 2018. River Road received a Platinum Award 18 for eighteen (18) consecutive years for 100% NJPDES compliance. Hopewell and Pennington received the Platinum Award 10 for ten (10) consecutive years for 100% NJPDES compliance.

The Board congratulated staff on a job well done.

### 560.07 Safety

Mr. Irizarry reported that as of August 22, 2018, Stony Brook Regional Sewerage Authority has gone 775 consecutive days without a “Lost Time Accident”.

Mr. Irizarry reported that on July 27, 2018, Crompco conducted the cathodic protection test for the 20,000 and 15,000-gallon underground fuel oil storage tanks located at the River Road facility. This test is required by NJDEP every three years. The 20,000-gallon tank located in the rear parking lot did not pass inspection. Staff decided to retest the tank on August 10, 2018, and again the tank failed. After review of alternatives, staff decided to have the anodes replaced. Staff prepared and submitted a request for quotations to three firms with a response due by August 31, 2018.

Mr. Irizarry indicated that staff has also been in contact with the NJDEP concerning this issue. SBRSA has thirty (30) days from August 20, 2018 to have a signed contract in place and sixty (60) days to have the job completed. If this does not occur, the tank would need to be emptied.

Mr. Irizarry explained that the NJDEP Sub-Modification Committee can require SBRSA to perform extra testing once the anodes are replaced based on the age of the tank and the

cathodic protection test results. Staff will not know if the extra testing will be required until the application is filed and we receive a response from the Committee.

Mr. Irizarry reported that the annual inspection of the underground fuel oil storage tank interstitial monitoring systems was performed at the River Road WWTP and the Princeton Pump Station. Both systems at the River Road WWTP failed inspection. Staff is in the process of obtaining quotes to replace the monitoring systems; however, it leaves the Authority with no leak detection for the tanks at River Road.

Dr. Downey indicated that this was discussed at the Construction Committee meeting. Staff is manually measuring the levels in the tanks daily in this interim period of time. There has been no indication of a level change. The tanks are in year twenty-two (22) of a thirty (30) year warranty.

Mr. Goldfarb asked that Mr. Irizarry take a good look at the Annual Inspection Report and identify the safety related items in the report and then report to the Board on a regular basis as to how they are being addressed.

#### 560.08 Litigation

The Litigation Report was provided for information.

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

#### 560.09 Operations Report

##### River Road Facility

Mr. Kunert reported that staff went out to bid for the repairs for Incinerator No. 2. The bid opening is scheduled to take place on September 12, 2018.

Mr. Kunert indicated that the RTO was taken off-line for two days to conduct the annual inspection. In addition to the inspection, the stator bushing for the rotary valve was replaced and the top of the ceramic media was vacuumed. During this work/inspection, the afterburners were used and are operating well.

Mr. Kunert stated that a plant shutdown took place on August 17, 2018. The shutdown began at approximately 03:00 hours and lasted approximately four (4) hours. During the shutdown new cable ends were installed within our substation by Thomas Controls. This was required as indicated in the Underwriters Laboratory (UL) Inspection Report. Thomas Controls completed 74% of the required work. The remainder of the work will be completed during another plant shutdown which is tentatively scheduled for Thursday, August 30, 2018.

Mr. Kunert reported that as of August 22, 2018, SBRSA is no longer receiving sludge cake from Somerset Raritan Valley Sewerage Authority (SRVSA). Their larger incinerator is back in operation.

The Board asked how much sludge cake was SBRSA receiving from SRVSA. Mr. Kantorek indicated that SRVSA was bringing approximately 125 cubic yards but that had decreased in recent weeks. The contract with SRVSA was a temporary contract.

Mr. Kunert noted that during the week of August 20, 2018 the three (3) biofilters for the Headworks Building were topped off with fresh mulch. Approximately twelve-inches of media was added to each biofilter. The four (4) biofilters near the MA Tanks will be topped off the week of August 27, 2018.

### Upstream Facilities

Mr. Kunert reported that the Pennington and Hopewell WWTPs operated well during this reporting period.

Mr. Morehouse asked about the fat and grease situation at the Hopewell WWTP. Mr. Kunert stated that the contractor wanted to begin working on the primary settling tank. However, in order to perform the work, the contractor would need to bypass flow to the primary tank.

Mr. Kunert stated that the primary tanks are critical for removing fats and grease from the influent especially during low flows and therefore it is necessary to minimize downtime. A plan was discussed to conduct work on the tanks which would result in bypassing the tanks for a few hours rather than a few days. Currently, the tanks are being skimmed twice a day and there is no foam at either plant. Mr. Kunert stated that both plants are Nocardia free for the longest period of time the Authority has ever experienced. Mr. Kunert noted that bacteria is being added to the process on a daily basis.

Mr. Morehouse indicated that if there is something more that he can do about the grease through Hopewell Borough please let him know.

### Odor Report

Mr. Kunert reported that staff received no odor complaints during the month of July and one odor complaint during the partial August reporting period. Mr. Kunert noted that since his report was written, staff received two additional odor complains.

### Customer Septage and Sludge Deliveries

The quantity of sludge cake was above its budgeted amount. The quantities for liquid sludge and gray water were below their budgeted amounts for the month of July. Liquid sludge was below its budgeted amount due to the loss of Medford.

## 560.10 Maintenance

Mr. Roga reported that commercial power to the Princeton Pump Station was temporarily shut down on July 17, 2018 at 05:00 hours to replace a 150 - amp industrial circuit breaker for Sewage Pump No. 2. The repair was performed by A.C. Scott Electric. Commercial power was restored at 07:00 hours and Sewage Pump No. 2 was tested and placed into standby.

Mr. Roga indicated that during the down time of Incinerator No. 2, staff took the opportunity to begin overhauling the clinker grinder. The overhaul consisted of cutting off the gear motor base and installing a new adjustable base that was welded in place. In addition, a new drive shaft, gears, four new pillow block bearings, chain and sprockets were replaced, and a new chain guard was fabricated in-house. The grinder was tested and placed in standby.

The current monthly open work requests stand at nineteen (19). The preventative maintenance graphs show that SBRSA is currently averaging two (2) days overdue and the number of overdue units is approximately twenty-eight (28).

The list of completed Work Orders and Preventative Maintenance for the month of July 2018 was provided to the Board.

## 560.11 Construction Report

### 2018 Annual Inspection

Ms. Pchola reported that Kleinfelder provided staff with the draft inspection report on August 23, 2018.

### Title V Permit

Ms. Pchola stated that the Title V renewal application (BOP180001) was prepared by KEMS and electronically submitted to NJDEP on August 16, 2018. The renewal application has been deemed administratively complete by the NJDEP. A copy of the letter dated August 22, 2018 from the NJDEP was provided to the Board. The current permit expires on August 29, 2019. The permit renewal period is every five years.

Ms. Pchola noted that staff received a response from Ms. Amy Hambrick at EPA regarding the use of the bypass stack and meeting emission limits at all times. A copy of the response was provided to the Board. Ms. Pchola indicated that basically, the bypass stack cannot be put into the permit and the Authority will need to continue submitting Affirmative Defenses. These will be reviewed and decided on a case by case basis.

Mr. Goldfarb commented that commercial incinerators have a regulatory out for the use of a bypass stack. Mr. Goldfarb asked Ms. Alexander that included in Ms. Hambrick's response is a reference to a court case that seemed to say that the regulatory agencies do not have the authority to determine penalties and that is up to the courts or did he read it wrong.

Ms. Alexander indicated that it means that the courts have the final say but these penalties rarely get challenged through the courts.

KEMS 2018 Annual Advice

Ms. Pchola stated that as indicated, KEMS prepared the Title V renewal application, however this task was not included in the original scope of work for the 2018 KEMS General Advice. Ms. Pchola noted that this General Advice contract has specific tasks to be completed, all of which are on a time charge basis. KEMS has submitted an amendment request for this work in the amount of \$8,500. A copy of the amendment request was provided to the Board.

Dr. Downey indicated that this was discussed in the Construction Committee meeting and staff is expecting KEMS to complete those tasks outlined in the General Advice and the task of the Title V renewal application has been completed. The original advice amount was in the amount of \$46,925 and with the addition of \$8,500 it brings the contract amount to \$55,425. This is a very task specific advice account.

Staff recommended approval of Resolution 2018-50, Authorizing Amendment No. 1 to the “No Political Contributions Allowed” Contract for the 2018 General Advice to KEMS, LLC in the amount \$8,500. So moved by Dr. Downey, seconded by Mr. Compton and passed by a roll call vote of 5 to 0. Resolution 2018-50 follows.

**Resolution Authorizing Amendment No. 1 to the “No Political Contributions Allowed” Contract for 2018 General Advice to KEMS, LLC**

**Resolution No. 2018-50**

**WHEREAS**, the Stony Brook Regional Sewerage Authority “Authority” has a need for general advice for the period starting on December 1, 2017 through the end of Fiscal Year 2018 (November 30, 2018) for Consulting Engineering Services related to the regulatory requirements including the USEPA Subpart LLL requirements, permit reporting, changes to our Title V Permit, and operation and maintenance of the Authority’s incinerators 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-20.4 et seq.; and

**WHEREAS**, the 2018 General Advice contract was awarded to KEMS at the November 13, 2017 Board Meeting through Resolution 2017-71 on a time charge fee not to exceed \$46,925 without written permission from Stony Brook Regional Sewerage Authority; and

**WHEREAS**, at the request of the Authority, KEMS prepared the Title V Operating Permit Renewal application and electronic submittal for the Authority; and

**WHEREAS**, this task was not included in the original scope of work for the 2018 Genal Advice; and

**WHEREAS**, KEMS has provided an amendment request for this work in the amount of \$8,500 for a total time charge contract amount of \$55,425; and

**WHEREAS**, all terms and conditions of the contract remain the same with the exception of the time charge contract amount; and

**WHEREAS**, KEMS, LLC has completed and submitted a Business Entity Disclosure Certification for this contract which is on file at the Authority; and

**WHEREAS**, the SBRSA Chief Financial Officer (CFO) has determined and certified in writing that the combined value (original contract and Amendment No 1) of the work will exceed \$17,500; and

**WHEREAS**, the Stony Brook Regional Sewerage Authority has Funds available in its Fiscal Year 2018 operating budget.

**NOW THEREFORE, BE IT RESOLVED** that the Board of the Stony Brook Regional Sewerage Authority authorizes the Chairman to enter into a contract with KEMS, LLC as described herein.

Recorded Vote:

	<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

Odor Sampling and Evaluation

Ms. Pchola reported that sampling was conducted by TRC on August 13<sup>th</sup> and 14<sup>th</sup>. Staff accompanied TRC utilizing the Authority's Jerome H<sub>2</sub>S Analyzer.

Mr. Goldfarb asked what the weather conditions were on the days that TRC sampled. Ms. Pchola noted that it rained on August 13<sup>th</sup>, but it was sunny on August 14<sup>th</sup>. TRC indicated that the rain would not affect the collecting of samples.

Contract 17-1 Pennington WWTP Upgrade and Expansion

Ms. Pchola noted that the preconstruction meeting was held on July 20, 2018 which is the contract start date. During the past reporting period the contractor, CMS Construction Inc. (CMS), installed the silt fence, mobilized and set in place the temporary construction trailer, installed the temporary electric service and Internet cabling to the trailer, submitted the

building permit application to Hopewell Township and began the removal and clearing of trees from the site.

Ms. Pchola stated that in accordance with the NJDEP freshwater wetlands transition area waiver, SBRSA is required to complete a survey of the work site for wood turtles prior to beginning any construction activity. The survey's goal is to ensure that wood turtles, which are classified as "threatened" are not inadvertently captured within the work area enclosed by the silt fence. SBRSA contracted with Herpetological Associates, Inc. of Toms River, New Jersey and on August 15, 2018 a herpetologist was on site and completed the survey. No wood turtles were found during the survey.

#### Millstone Pump Station Odor Abatement Design

Ms. Pchola reported that R3M is approximately 75% complete with the draft plans and specifications.

#### River Road WWTP UV Disinfection/Filtration Design

Ms. Pchola stated that Kleinfelder continues with the preliminary project work for the UV Disinfection and Filtration systems.

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

Ms. Pchola reported that on August 17, 2018 the commercial and emergency power sources to the River Road plant were shutdown to allow TCI and their sub-contractor, Siemens, to begin the installation of new cable ends at the electrical substation. During the approximate four (4) hour shutdown, Siemens was able to complete 92 of 125 cable ends (74%). Another plant shutdown will be necessary to complete the installation of the remaining cable ends.

#### Contract 16-1, Schwing Pump Replacement Project

Ms. Pchola reported that as of Pay Estimate No. 7 this project is 67% complete. MBE completed the installation and start-up of Pump No. 7. On August 20, 2018 MBE began the demolition of Pump No. 5. MBE expects to complete the installation of Pump No. 5 on August 31<sup>st</sup>.

Ms. Pchola indicated that during the installation of the first Schwing pump (Pump No. 4), the contractor found that the new pump was slightly longer than the existing pump. In order to keep the pump aligned with the sludge feed hopper, a short section of the discharge piping had to be removed. With the short section of piping removed, the pump was able to line up with the feed hopper and the discharge piping.

Ms. Pchola reported that MBE completed an inspection of the discharge piping for the other six pumps. Pump No. 3 was the only other pump that was originally provided with a short section of discharge piping that could be removed. The discharge piping of the other five pumps do not have a short section that can be removed and therefore need to be modified.

Ms. Pchola indicated that Change Order No. 2 in the amount of \$2,420.00 is to facilitate modifications to the five (5) existing pumps.

Dr. Downey stated that this was discussed in the Construction Committee meeting and having the pumps properly lined up is critical to their operation.

Staff recommended approval of Resolution 2018-49, Authorizing the Approval of Change Order No. 2 for Piping Modifications for the Dewatered Sludge Handling Pump Replacement Project to compensate MBE for the modification to the five (5) long radius sweeps in the amount of \$2,420.00. So moved by Dr. Downey, seconded by Mr. Compton and passed by a roll call vote of 5 to 0. Resolution 2018-49 follows.

**Resolution Authorizing the Approval of Change Order No. 2 for Piping Modifications  
for the  
Dewatered Sludge Handling Pump Replacement Project, Contract 16-1**

**Resolution No. 2018-49**

**WHEREAS**, on February 7, 2017, the Stony Brook Regional Sewerage Authority (SBRSA) issued a Notice to Bidders seeking the receipt of sealed public bids for the “Dewatered Sludge Handling Pump Replacement Project, Contract 16-1”; and

**WHEREAS**, the SBRSA at its May 1, 2017 meeting awarded the Dewatered Sludge Handling Pump Replacement Project, Contract 16-1 to MBE Mark III Electric, Inc. (MBE) in the amount of \$3,449,777; and

**WHEREAS**, during the installation of the first Schwing pump, Pump No. 4, the contractor found that the new pump was slightly longer than the existing pump; and

**WHEREAS**, in order to keep the pump aligned with the sludge feed hopper, a short section of the discharge piping, which is constructed of grooved steel pipe, was removed; and

**WHEREAS**, an inspection of the discharge piping for the other six pumps to be replaced as part of this contract was completed; and

**WHEREAS**, in only one other case, Pump No. 3, did the short section of discharge piping exist. The discharge piping of the other five pumps do not have a short section that can be removed; and

**WHEREAS**, after consideration of the problem MBE recommended that the existing long radius sweep connected directly to the pump discharge be removed and modified (shortened) to provide the required clearance and allow for the proper alignment of the pump; and

**WHEREAS**, the piping modification recommended by MBE was reviewed and approved by Authority Engineering staff and the design engineer, GHD; and

**WHEREAS**, based on the abovementioned conditions, SBRSA requested that MBE Mark III Electric, Inc. provide a proposal to modify five (5) existing long radius sweeps for Pumps 1, 2, 5, 6, and 7; and

**WHEREAS**, MBE submitted a change order in the negotiated amount of \$2,420.00; and

**WHEREAS**, the abovementioned changes to Contract 16-1 are more fully set forth and incorporated within the August 21, 2018 Contract Change Order No. 2 document in the amount of \$2,420.00 resulting in an adjusted contract amount of \$3,470,757.36; and

**WHEREAS**, the contract completion date for the project shall remain unchanged as a result of Change Order No. 2; and

**WHEREAS**, this project is funded through the New Jersey Environmental Infrastructure Financing Program (NJEIFP); and

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

1. The Executive Director is authorized and directed to execute Change Order No. 2 with MBE Mark III Electric, Inc. in the amount of \$2,420.00 resulting in an adjusted contract amount of \$3,470,757.36.
2. This Resolution shall take effect immediately; and

**BE IT FUTHER RESOLVED** that the Executive Director, staff, and consultants are authorized to take all appropriate measures to ensure that all appropriate documents, are provided by the Contractor.

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

Contract 18-1 Hopewell WWTP Primary Tank Sludge Collector Replacement Project

Ms. Pchola indicated that Blooming Glen Contractors, Inc. was on-site to take field measurements and confirm dimensions of the existing tank. During the inspection it was discovered that the sludge collector headshaft installation was not as shown on the contract

drawings. This presented a problem since both primary tanks would need to be taken out of service to conduct the work. The primary tanks are key to the effective operation of the treatment plant and having both tanks out of service for an extended period of time would have a negative impact on the performance of the treatment process.

Ms. Pchola indicated that Blooming Glen and SBRSA Engineering staff developed a solution to allow the work to proceed with minimal downtime. The problem and solution were reviewed by Kleinfelder, the design engineer, and found to be an acceptable approach.

Ms. Pchola noted Blooming Glen has presented staff with a potential change order that is currently being reviewed and negotiated that will minimize the down time and not disrupt the process.

#### River Road WWTP Commercial Power Protection Project

Ms. Pchola reported that as of Payment Estimate No. 1, this project is 41% complete.

Ms. Pchola explained that the original design for the project included the installation of one (1) new 125-amp circuit breaker into an existing lighting panel (circuit breaker enclosure) for the new uninterruptable power supply (UPS). The spaces to be used for the new circuit breaker are currently occupied by two circuit breakers that supply control power to the Incinerator Control Panel. These two circuits will be switched over to the UPS.

Ms. Pchola indicated that when attempting to purchase the new circuit breaker for the existing panel, the contractor discovered that, 1) the largest circuit breaker that could be obtained for the existing panel was 100 amp and, 2) there was insufficient space within the lighting panel for the new wires that are to be connected to the new 125 amp circuit breaker.

Ms. Pchola stated that the contractor recommended that a new, standalone 125 amp circuit breaker and enclosure be installed and connected directly to the low voltage transformer.

Staff recommended approval of Resolution 2018-48, Authorizing the Approval of Change Order No. 1 to Install New 125 Amp Circuit Breaker and Enclosure for the River Road WWTP Commercial Power Protection Project, to compensate the contractor for the supply and installation of a new 125-amp circuit breaker and enclosure for the UPS in the amount of \$1,125.00. So moved by Dr. Downey, seconded by Mr. Compton and passed by a roll call vote of 5 to 0. Resolution 2018-48 follows.

#### **Resolution Authorizing the Approval of Change Order No. 1 to Install New 125 Amp Circuit Breaker and Enclosure for the River Road WWTP Commercial Power Protection Project, Contract 18-2**

#### **Resolution No. 2018-48**

**WHEREAS**, on June 1, 2018, the Stony Brook Regional Sewerage Authority (SBRSA) issued a Notice to Bidders seeking the receipt of sealed public bids for the “River Road WWTP Commercial Power Protection Project, Contract 18-2”; and

**WHEREAS**, the SBRSA at its June 25, 2018 meeting awarded the River Road WWTP Commercial Power Protection Project, Contract 18-2 to Rogers-Cipollono Electric, Inc. (R-C) in the amount of \$83,695; and

**WHEREAS**, the original design for the project included the installation of one (1) new 125-amp circuit breaker into an existing lighting panel (circuit breaker enclosure) for the new Uninterruptable Power Supply (UPS); and

**WHEREAS**, when attempting to purchase the new circuit breaker for the existing panel, R-C discovered that; 1) the largest circuit breaker that could be obtained for the existing panel was 100 amp and, 2) there was insufficient space within the lighting panel for the new wires that are to be connected to the new 125-amp circuit breaker; and

**WHEREAS**, after evaluating the situation, R-C recommended that a new, standalone 125 amp circuit breaker and enclosure be installed and connected directly to the low voltage transformer; and

**WHEREAS**, the solution proposed by R-C was reviewed by Authority Engineering Staff; and

**WHEREAS**, the proposed solution was found to deliver two significant benefits, 1) the standalone circuit breaker and enclosure will provide a dedicated power source for the UPS and 2) the transition of the control power circuits for the Incinerator Control Panel will be simplified thus reducing downtime to the sludge incineration process; and

**WHEREAS**, based on the abovementioned conditions, SBRSA requested that R-C provide a proposed change order for a new, standalone 125-amp circuit breaker and enclosure; and

**WHEREAS**, R-C submitted a change order in the negotiated amount of \$1,125.00; and

**WHEREAS**, the abovementioned changes to Contract 18-2 are more fully set forth and incorporated within the August 21, 2018 Contract Change Order No. 1 document in the amount of \$1,125.00 resulting in an adjusted contract amount of \$84,820.00; and

**WHEREAS**, the contract completion date for the project shall remain unchanged as a result of Change Order No. 1; and

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

3. The Executive Director is authorized and directed to execute Change Order No. 1 with Rogers-Cipollono Electric, Inc. in the amount of \$1,125.00 resulting in an adjusted contract amount of \$84,820.00.

4. This Resolution shall take effect immediately; and

**BE IT FUTHER RESOLVED** that the Executive Director, staff, and consultants are authorized to take all appropriate measures to ensure that all appropriate documents, are provided by the Contractor

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

Plant Influent Flow Meter

Ms. Pchola reported that the comparison of the influent meter and the sum of the billing meters was provided to the Board. Ms. Pchola noted that the data from the influent meter and the sum of the billing meters are the closest that they have been to date.

Information Technology

Mr. Thomas reported that IT has been using test equipment from Verizon Wireless to evaluate coverage and connectivity at all locations for use on SCADA. Although only partial testing has been completed, the results are promising as a replacement to the dated copper circuits we are currently using. It appears that two locations may need some additional antennas.

Mr. Thomas indicated that the last of the old operating systems on a server has been retired. This will make some additional hardware available to migrate the surveillance system to its own individual server. This will provide more storage so that surveillance footage will be stored longer and play smoother.

Mr. Thomas stated that the instrumentation mechanics have been assisting IT with the installation of replacement and additional uninterruptable power supplies (UPS) around the plant especially, where there are PLCs and SCADA equipment. This will provide continued access to SCADA data in the event of various electrical failures.

Mr. Thomas noted that IT continues to make minor adjustments around the plant to increase efficiency and stability. This past month remote power outlets were installed upstream to provide the ability to reset network equipment. One (1) new workstation was also configured and installed this month.

Mr. Thomas indicated that staff will be using the new SBRSA emails only for the Board members and if any member needs assistance to please contact him.

560.12 Finance Report

Payment of Bills and Claims

Mr. Morehouse moved for approval of Resolution 2018-45 for the payment of bills and claims in the amount of \$1,659,580.46 with two signatures instead of three. The motion was seconded by Mr. Goldfarb and passed by a roll call vote of 5 to 0. Resolution 2018-45 follows.

**Resolution Regarding Payment of Bills and Claims**

**Resolution No. 2018-45**

**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 \$1,659,580.46 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 seven-month period ending July 31, 2018 is \$1,165,337. The Authority has total cash and investments of \$19,990,413.91. The current construction projects balance is \$14,307,268. Mr. Sears noted there are sufficient funds for these projects. The outstanding bond principal balance is \$18,880,806.

Monthly Sludge Business Analysis

Mr. Sears reported that the net income figure for the month of July is \$106,105 and the cumulative net income is \$843,117.

Resolution 2018-46, Resolution Authorizing the Award of a “No Political Contributions Allowed” Contract(s) for Non-Professional Service Vendors

Mr. Sears recommended approval of Resolution 2018-46, Authorizing the Award of a “No Political Contributions Allowed” Contract(s) for Non-Professional Service Vendors for FW Webb and GKD-USA. The Authority anticipates making purchases that will likely exceed \$17,500 limit with these vendors. So moved by Mr. Goldfarb, seconded by Mr. Morehouse and passed by a roll call vote of 5 to 0. Resolution 2018-46 follows.

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

**Resolution No. 2018-46**

**WHEREAS**, the Stony Brook Regional Sewerage Authority has a need to acquire goods or services as a no political contribution contract pursuant to the provisions of N.J.S.A. 19:44A-20.4 or 20.5 as appropriate; and,

**WHEREAS**, the purchasing agent has determined and certified in writing that the value of each contract (by purchase orders) will likely exceed \$17,500; and,

**WHEREAS**, the anticipated term of this contract is for fiscal year 2018 (1 year) and may be extended as approved by this governing body; and,

**WHEREAS**, the attached list of vendors has completed and submitted a Business Entity Disclosure Certification which certifies that each vendor has not made any reportable contributions to a political or candidate committee served by the Stony Brook Regional Sewerage Authority in the previous one year, and that the contract will prohibit the (attached list of vendors) from making any reportable contributions through the term of the contract; and,

**WHEREAS**, the Authority has Funds available in its current budget.

**NOW THEREFORE, BE IT RESOLVED** that the Stony Brook Regional Sewerage Authority authorizes the attached list of vendors to enter into contracts by purchase order; and,

**BE IT FURTHER RESOLVED** that the Business Disclosure Entity Certification and the Determination of Value be placed on file with this resolution.

<b>Year 2018 No Political Contribution Contracts:</b>	
<b>Company Name</b>	<b>Service</b>
FW Webb	Pumping Supplies
GKD-USA	Filter Belts

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

Introduction of the 2019 Budget

Mr. Sears reported that the Finance Committee met before the regular meeting to review the 2019 Budget.

Mr. Sears then reviewed some highlights of the budget.

The total 2019 budget request is for \$15,631,825 which is an increase of \$288,505 or 1.9% greater than the 2018 budget. The Participants charge of \$13,181,825 will increase by \$258,505 or 2.0%. The Participants average increase over the past five (5) years is 1.7% and 0.6% over the past ten (10) years. Total operating expenses increased by \$186,541 or 1.5%.

Mr. Sears asked if the Finance Committee would like to make any comments.

Mr. Goldfarb stated that the budget has been handled responsibly over the years. But when looking at the Five-Year Capital Plan, there is a significant amount of capital spending that will result in participant charge increases over the next several years. It is prudent at this point to increase the Participant charge by 2%. Mr. Goldfarb stated that he would recommend approval of the proposed 2019 budget.

Chairman Bartolini commented that through the years the Authority has worked to reduce its energy costs through solar and the RTO. However, energy costs are under the cap and because the Authority has worked to reduce energy costs it is concerning.

Mr. Morehouse stated that the Finance Committee is clearly in favor of the proposed 2019 budget as presented. There are no real flaws in the general analysis. Mr. Morehouse cautioned that in 2022 there may be a bump that the Authority will need to carefully plan for and keep a careful watch on this. Using the budget can be a mechanism to retain a very small component of earnings to ease that bump. Mr. Morehouse indicated that the Emergency Fund has been increased this year which is extremely important.

Mr. Goldfarb commented that the decision on this year's budget, based on the Capital Plan shows how important this plan is.

Mr. Morehouse stated that the Authority should be able to function well within the 2% cap.

560.13 Personnel Report

The Personnel Report was provided for member information.

Mr. Kantorek indicated that the Custodian was promoted from a Custodian III to a Custodian II.

Mr. Kantorek noted that next month there will be information regarding several future employees in the Engineering Department.

560.14 Correspondence

For information.

560.15 Old Business

None

560.16 New Business

Resolution 2018-47, Rescinding Prior Award of Contract and Authorizing Award of Contract for Supplying Magnesium Hydroxide

Mr. Kunert recommended approval of Resolution 2018-47, Rescinding Prior Award of Contract and Authorizing Award of Contract for Supplying Magnesium Hydroxide.

Mr. Kantorek explained that the Authority awarded this contract last month to Martin Marietta Magnesia Specialties LLC prior to obtaining their Business Registration Certificate. Therefore, the original awarding of the contract is being rescinded and the Authority is awarding it tonight.

So moved by Dr. Downey, seconded by Mr. Goldfarb and passed by a roll call vote of 5 to 0. Resolution 2018-47 follows.

**Resolution Rescinding Prior Award of Contract and Authorizing Award of Contract for Supplying Magnesium Hydroxide**

**Resolution No. 2018-47**

WHEREAS, the Authority advertised for the receipt of sealed competitive bids in accordance with the requirements of the Local Public Contracts Law, N.J.S.A. 40A:11-1 et seq. for the supply of Magnesium Hydroxide; and

WHEREAS, the following sealed bids were received by the Authority on July 18, 2018, as more fully set forth as follows:

	12-Month	24-Month
Premier Chemicals LLC.	\$698.00/ton/\$349,000.00	\$698.00/ton/\$349,000.00 (Year 1) \$698.00/ton /\$349,000.00 (Year 2) TOTAL = \$698,000.00
Martin Marietta Magnesia Specialties, LLC	\$625.00/ton /\$312,500.00	\$625.00/ton /\$312,500.00 (Year 1) \$625.00/ton /\$312,500.00 (Year 2) TOTAL = \$625,000.00

and,

WHEREAS, the Authority determined that the bid of Martin Marietta Magnesia Specialties, LLC, is the lowest responsive bid and awarded a 24-month contract to Martin Marietta Magnesia Specialties, LLC, for the supply of Magnesium Hydroxide in the estimated amount of \$625,000.00. By Resolution Number 2018-41, adopted July 23, 2018, the Authority authorized the Executive Director to execute a contract with Martin Marietta Magnesia Specialties, LLC upon receipt of the signed contract and all required documents; and

WHEREAS, the bidder, Martin Marietta Magnesia Specialties, LLC, had not yet submitted proof of compliance with the New Jersey Business Registration Certificate requirements at the time of adoption of Resolution Number 2018-41; and

WHEREAS, Martin Marietta Magnesia Specialties, LLC, submitted proof of compliance with the New Jersey Business Registration Certificate requirements on July 25, 2018; and

WHEREAS, pursuant to N.J.S.A. 52:33-44(b), a contractor must provide the contracting agency with the business registration of the contractor prior to the time a contract, purchase order, or other contracting document is awarded and authorized; and

WHEREAS, consistent with N.J.S.A. 52:33-44(b), SBRSA is desirous of rescinding Resolution Number 2018-41, adopted July 23, 2018, and in so doing, the award of a contract for Supplying Magnesium Hydroxide to Martin Marietta Magnesia Specialties, LLC; and

WHEREAS, the bid of Martin Marietta Magnesia Specialties, LLC, has been reviewed by the Authority and Diane Alexander, Esq., Maraziti Falcon, LLP, to determine compliance with the Local Public Contracts Law N.J.S.A. 40A:11-1 et seq. The bid and subsequent submission of the Business Registration Certificate on July 25, 2018, has been determined to be in order; and that further, SBRSA can waive informalities or defects in bids, as may be permitted by law, if it is deemed in the best interest of the Authority to do so; and

WHEREAS, there are sufficient funds to provide funding for the contract amount.

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

1. The Authority hereby rescinds Resolution Number 2018-41, adopted July 23, 2018 and the prior award of a contract for Supplying Magnesium Hydroxide to Martin Marietta Magnesia Specialties, LLC.
2. The Authority hereby waives all immaterial defects, if any, contained in the bid of Martin Marietta Magnesia Specialties, LLC for the supply of Magnesium Hydroxide, and awards a 24-month contract to Martin Marietta Magnesia Specialties, LLC, the lowest responsible bidder, for the supply of Magnesium Hydroxide in the estimated amount of \$625,000.00.
3. The Executive Director is authorized to execute a contract with Martin Marietta Magnesia Specialties, LLC upon receipt of the signed contract and all required documents.
4. All bid security, except the security for the next apparent lowest bidder, shall be returned within 10 days after the opening of the bids, Sundays and holidays excepted. Within 3 days, Sundays and holidays excepted, after the awarding and execution of the contract and approval of the contractor's performance bond, the bid security of the remaining unsuccessful bidder shall be returned.
5. The Township's staff and consultants are hereby authorized and directed to take all other actions necessary or desirable to effectuate the terms and conditions of this Resolution.
6. This Resolution shall take effect immediately.

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

Extension of Sludge Cake Contract

The Board approved the following extension of sludge cake contract on a motion by Dr. Downey, seconded by Mr. Compton and passed by a vote of 5 to 0.

Ewing-Lawrence	\$53/cubic yard	09/01/2019 to 08/31/2021
Sewerage Authority	\$54/cubic yard	09/01/2021 to 08/31/2023

560.17 Open to the Public

560.18 And such other issues as may come before the Board

None.

560.19 Adjournment

As there was no further business to come before the Board, the meeting was adjourned at 8:30 p.m. on a motion by Mr. Morehouse and seconded by Mr. Goldfarb and passed by unanimous vote.

Respectfully Submitted,

John Kantorek  
Secretary

Recorded and Written by  
Patricia Carlino  
September 11, 2018