

Minutes of Meeting #526, October 26, 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, Kantorek, Kunert, Neuhof, Pchola, Rahimi, Roga

526.01 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.

526.02 Approval of Minutes

The minutes from the September 28, 2015 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.

526.03 Board Related Activities

Consultant List

The consultant list was provided for information. Mr. Kantorek indicated that two contracts are pending award: one contract in Finance for the Auditors and one in Construction for GHD for engineering services.

Princeton/Stony Brook Regional Sewerage Authority Solar Initiative

Mr. Kantorek noted that the Authority received the fully executed Power Purchase Agreement. Geopeak indicated that construction on the project will begin in spring 2016 and will be completed by October. A groundbreaking ceremony will be held and Mr. Kantorek will notify the Board of the date.

Chairman Bartolini thanked staff and those Board members involved in this project for a job well done.

## PlanSmart

Mr. Kantorek reminded everyone that the 2015 PlanSmart Annual dinner will take place on November 12, 2015.

### 526.04 Planning and Administration

Mr. Kantorek reported that the most current 12-month average daily River Road plant flow is 9,039,135 gpd with 883,880 gpd of approved but inoperative flow for a total committed flow of 9,923,015 gpd with 3,136,985 gpd or 24.02% of available capacity. The most current 12-month average daily flow at the Hopewell Plant is 218,640 gpd with 1,200 gpd of inoperative flow, for a total committed flow of 219,840 gpd with 26.72% or 80,160 gpd of available capacity. The Pennington Plant presently has 238,099 gpd as the most current 12-month average daily flow, with 18,379 gpd of approved but inoperative flow, for a total committed flow of 256,478 gpd, with 14.51% or 43,522 gpd of available capacity. Mr. Kantorek noted that the inoperative flow total for the Pennington Plant is the unused portion of Bristol-Meyers Squibb approved flow.

Mr. Kantorek indicated that approximately 100,000 gpd were removed from South Brunswick Township (added 70,725 gpd and removed 170,186 gpd). Staff is still waiting to receive information from West Windsor Township and Princeton.

### Monthly Flow Transmittal

The monthly flow transmittal for September was provided for information.

Mr. Kantorek noted that several adjustments were made for the month.

At Princeton Forrestal, the meter certification conducted on September 1, 2015 indicated that the meter was reading low by 0.96%. The meter verification conducted on October 1, 2015 indicated that the meter was reading high by 4.15%. The meter data for the month of September was adjusted downward by 1.595% which is the average of the meter certification conducted on September 1<sup>st</sup> and the meter verification conducted on October 1<sup>st</sup>.

The meter certification conducted at the Hopewell STP Influent meter on September 1, 2015 indicated that the meter was reading low by 1.38%. The meter verification conducted on October 1, 2015 indicated that the meter was reading high by 4.98%. The meter data for the month of September was adjusted downward by 1.8% which is the average of the meter certification conducted on September 1<sup>st</sup> and the meter verification conducted on October 1<sup>st</sup>.

Mr. Goldfarb asked if staff has determined an alternative to the  $\pm 2\%$  adjustment. Dr. Downey indicated that she has discussed this matter with Mr. Kantorek. It is anticipated that staff will present an alternative in the beginning of 2016.

## 526.05 Approval Requests and Actions

### TWA-1 Approvals

#### **Princeton University Lightning Shelter, Block 3, Lot 3, West Windsor Township**

Ms. Pchola reported that this application is for sewer service and installation of a package low pressure grinder pump station and discharge piping for the existing Princeton University Lightning Shelter. The discharge from the pump station will connect to an existing low pressure force main serving the West Windsor Maintenance Yard Facility. The flow will discharge into the West Windsor Township collection system in the vicinity of US Route 1 and Washington Road crossing. The average daily flow is 2,400 gpd based on 400 people at the day camp at a flow rate of 15 gpd/person and a 30-day average month.

This application has been endorsed by West Windsor Township.

Staff recommended approval of the application at the requested flow. So moved by Dr. Downey, seconded by Mr. Patel and passed by a vote of 6 to 0.

### Time Extensions

None.

### NJPDES Enforcement Requested

None.

### Water Quality Management Plan Amendments

None.

### Allocated Flow Update

- Added 70,725 gpd for Residential Community at Princeton Forrestal Village –Plainsboro – approved on September 28, 2015.
- Removed 170,186 gpd resulting from information received from South Brunswick Township regarding the status of outstanding approved projects.

## 526.06 Regulatory Report

### Discharge Monitoring Report (DMR)

Mr. Rahimi reported that the Discharge Monitoring Reports for the months of August and September were submitted to NJDEP. No violations were reported for these months.

### Residuals Discharge Monitoring Report

Mr. Rahimi reported that the July Residuals Discharge Monitoring Reports were submitted to NJDEP. All River Road parameters were compliant with the Authority's Air Permit requirements.

Mr. Rahimi indicated that staff is currently reviewing the August RDMR.

### Air Reporting

Mr. Rahimi reported that on September 28, 2015 staff received a satisfactory inspection report from NJDEP Air Compliance and Enforcement, regarding the on-site inspection of the SBRSA facility on May 11, 2015. A copy of the report was provided to the Board.

### Laboratory

Mr. Rahimi reported that on October 7, 2015 representatives from Hach were on-site to demonstrate a low level Chlorine amperometric titrator. Debra Waller of the NJDEP (Office of Quality Assurance) observed this demonstration. Although the instrument as designed by Hach operated as intended, it did not meet the requirements of the Standard Method for low-level Chlorine testing. Further adjustment to the instrument software and titrant is needed to comply with the Standard Method. Two other companies were contacted inquiring about their titrators and at this time neither meet the Standard Method requirements.

Mr. Kantorek indicated that this matter is consequential in terms of the low level monitoring being required by EPA. Although we are currently evaluating the low level testing for chlorine, it also applies to metals. Some of the testing can be is very expensive and there is no guidance on the accuracy of the test methods. Mr. Kantorek noted that Ms. Alexander and Kleinfelder are drafting a letter objecting to the manner that this testing is being handled.

## 526.07 Safety

Ms. Pchola reported that there were no lost time accidents/injuries for this reporting period.

Ms. Pchola indicated that as of October 20, 2015 Stony Brook Regional Sewerage Authority has gone 1503 consecutive days without a "Lost Time Accident".

Ms. Pchola reported that on September 17, 2015 an employee was stung by bees multiple times while performing landscaping tasks. The employee was sent to Occupational Health and was treated. The employee was able to return to work immediately.

Ms. Pchola indicated that on October 8, 2015 an employee incurred a paper cut to their right eye. The employee was sent to Occupational Health and was treated. The employee was able to return to work immediately.

Ms. Pchola reported that on July 31st and August 3rd the annual fire alarm inspection was conducted for River Road and Princeton Pump Station. Staff received the inspection report; two deficiencies noted on the report are scheduled for repair on October 26, 2015. The deficiencies were:

1. Cake Building-horn/strobe by north landing did not activate when tested
2. Sludge Receiving Station-Fire alarm control panel battery failed

Ms. Pchola noted that staff is looking into installing fire alarm monitoring to both the Upstream Plants. Staff has prepared draft specification documents and they are under review.

Dr. Downey asked if the issue of the frequent fire alarm calls has been resolved. Mr. Bixby indicated that the company has been on-site several times to do additional surveys. As a result another repeater will be installed and several transmitters will be installed outside the building. The system is currently off-line until all the work is completed. Dr. Downey then asked if the Authority had a deadline to meet for the fire alarm system. Mr. Bixby noted that the Authority met the deadline for installation of the system and is focusing on working the “bugs” out of the system.

Ms. Pchola reported that the Loss Control Report from the Joint Insurance Fund (JIF), which conducted its inspection in May 2015, suggested that fixed ladders and climbing devices be inspected by a third party. The inspection was conducted by Certified Health and Safety on September 4, 2015. The report details the inspection of fixed ladders as follows:

1. River Road Plant
  - a. Headworks Building - The fixed ladder located outside the building was deemed safe and serviceable.
  - b. Biofilter Building - The fixed ladder located in the garage area of the building was deemed to be safe and serviceable.
2. Hopewell Plant
  - a. Garage - The fixed ladder leading to the roof was deemed to be safe and serviceable.
  - b. Standpipe - The fixed ladder was deemed to be safe and serviceable.
3. Pennington Plant
  - a. Garage - The fixed ladder leading to the roof was found to be unsafe and unserviceable.

- b. Standpipe- The fixed ladder was deemed to be safe and serviceable.

Ms. Pchola reported that the floor where the ladder was mounted was badly cracked and spalled making the ladder unstable when mounted or stepped on. A photo of the ladder and the cracked floor was provided to the Board. Staff made the repair to the area in-house. The Board was provided with a photo.

Ms. Pchola indicated that on October 21, 2015 staff submitted the 3rd Quarter Safety Incentive Program Report. A copy of the report was provided to the Board.

Training for this reporting period included:

- Blood-borne Pathogens refresher training was provided by Certified Health and Safety on September 23, 2015 and in-house on October 15, 2015 for a total of thirty (30) employees.
- Defensive Driver training was provided by the Joint Insurance Fund (JIF) on October 7, 2015 for eleven (11) employees.
- Fire Safety training was provided in-house on October 15, 2015 for sixteen (16) employees.
- Hazard Communication (HAZCOM) training was provided in-house on October 15, 2015 for ten (10) employees.

The Board noted that the number of injuries appear to be on the rise. Although there have been no lost time injuries the number of injuries is trending towards the number of injuries in 2009, which was an all time high. A brief discussion followed.

#### 526.08 Litigation

The Litigation Report was provided for information.

Ms. Alexander indicated that there were no changes this month to the Litigation Report.

#### 526.09 Operations Report

##### River Road Facility

Mr. Kunert reported that on September 23, 2015, the RTO annual inspection was completed and the unit was placed back in service. Staff is waiting for the inspection report.

Mr. Kunert indicated that on September 24, 2015, Center Point Associates made the connection between the 20-inch final effluent line and the abandoned 20-inch secondary line

to bring the two effluent lines into the Operations Building basement. This was done in order to supply the extra water volume needed for the new incinerator scrubber systems. This was the second and final plant process water shutdown period that was necessary as part of the scrubber contract.

Mr. Kunert reported that on Tuesday, September 29, 2015 staff began adding Potassium Permanganate to the influent flow within the headworks building. The sustained low flows along with the high temperatures that the Authority experienced this summer is conducive to generating excessive hydrogen sulfide within the collection systems. This can and will lead to an increase in odors at Wastewater Treatment Facilities. Staff will continue to add this chemical until the conditions which are creating this problem change and the hydrogen sulfide levels entering the treatment plant decreases.

Mr. Kunert noted that during the week of October 12th, staff replaced the media in all four biofilters which treat the odors emanating from the Grit Chambers and the Modified Aeration Tanks. There was enough media left over to top off the three newer biofilters near the headworks building.

Chairman Bartolini recommended that due to the spike in the number of odor complaints this summer an explanation should be notated on the odor complaint graph. Dr. Downey indicated that this was discussed extensively at the Construction Committee meeting. Some of the complaints were chemical in nature. Some of the complaints were due to high levels of H<sub>2</sub>S caused by the unusually low flows. The Authority will take a more proactive approach. The cause will be documented and procedures will be implemented to follow in future instances of extremely low flows.

#### Upstream Facilities

Mr. Kunert reported that on Friday, October 9, 2015, at approximately 1200 hours, water was discovered to be coming up out of the ground at the Pennington Facility. A photo was provided to the Board. It was quickly determined that the 8-inch force main that conveys the influent wastewater flow to the head of the treatment process was leaking. This was deemed an emergency and contractors were called immediately. The contractors were on-site and ready to begin by 1730 hours, however, a thunderstorm rolled in quickly bringing heavy rain which delayed the excavation until 1900 hours. The leak in the force main, which runs approximately fourteen (14) feet below grade, was exposed at approximately 0430 hours on Saturday, October 10, 2015. Repairs were made and the plant was back to normal operation at 0630 hours, two hours later. During this repair work it was necessary to by-pass pump the influent to the primary tanks. A diesel pump was rented to accomplish this and required approximately 600 feet of discharge hose. The Emergency Procurement Report and Resolution pertaining to this emergency situation will be acted upon during the "Finance" section of the Board report.

Dr. Downey indicated that this line should be addressed during the Pennington STP Expansion Project, making it more accessible. Mr. Morehouse asked what the nature of the

break was. Mr. Kunert indicated that the pipe is ductile iron and the years of grit running through the pipe caused wear on the pipe which led it finally to break.

### Odor Report

Mr. Kunert reported that staff received three odor complaints during the month of September. Three odor complaints have been received for the partial month of October. Several of the complaints were of a chemical/chlorine odor. Mr. Kunert noted that the Health Department did not believe the chlorine odors were from SBRSA. SBRSA does not use chlorine. Mr. Kunert indicated that he will be working with the Health Department to determine where these odors are originating.

### Customer Septage and Sludge Deliveries

The quantity of liquid sludge, sludge cake and gray water are below their budgeted amounts for the month of September. The decrease is due to the shutdown of the plant for construction.

## 526.10 Maintenance

Mr. Ireland reported that the well water pump for the Pennington Plant failed on September 16, 2015 and left the Operations building with no available water. Samuel Stothoff Co. Inc. was called in to investigate and found that after removing the existing well pump there was a hole in the discharge side of the pump. A brand new 5-horsepower well pump was installed and water pressure was restored.

Mr. Ireland indicated that on September 29, 2015 Drive #2 on Orbal Tank #1 failed at the Hopewell Plant due to a drive bearing failure on the shaft that rotates the aerator discs. The failed bearing was removed and replaced with a new bearing. Once tested the aerator drive was placed back into operation.

Mr. Ireland reported that Belt Press #3 was taken out of service on September 29, 2015 to install two new belts. Once the break-in period for the belts was completed the press was placed back into operation.

Mr. Ireland indicated that all the street lights throughout the River Road Facility, with the exception of three, are now operating properly. During the week of October 13, 2015 a 4 by 4 articulated 34-foot boom was rented from Big Rental to perform repairs on the street lights. All the bulbs and photo cells were replaced. This work was performed in house. Street lighting at both Upstream Facilities will be addressed later this month as well.

Mr. Ireland reported that during the partial month of October, two of the six 1978 transformers were replaced as recommended on the High Risk Assessment, Transformer Survey list. A.C. Scott was onsite to replace the Chemical Building transformer with a new 112.5kva transformer and the Filter Building with a new 75kva transformer. A portable generator was

used during both events to minimize downtime to the equipment. The total cost for both installations was \$ 14,580.00.

The number of open work requests stand at ten (10). The Preventive Maintenance graphs show that SBRSA is currently averaging two (2) days overdue and the number of overdue units is approximately twenty-five (25).

## 526.11 Construction Report

### Upstream Facilities Process Evaluation/Planning Study

Ms. Pchola indicated that Kleinfelder has prepared the draft report for the Pennington Plant and the report is currently under Kleinfelder's internal review. The report will be sent to SBRSA for review by the end of October. The Hopewell Plant report will follow approximately two (2) weeks later.

### Odor Sampling/Evaluation

Ms. Pchola reported that staff continues to feed potassium permanganate at the headworks and staff has changed out the biofilter media to four of the original biofilters (odor control for the grit tanks and MA Tanks). Staff will also top off the biofilter media of the biofilters for the headworks building.

### Information Technology Management Services

Ms. Pchola indicated that staff and EMA's IT Manager Mr. Bob Reilly met with Mr. Michael Bolling of New Jersey Business Systems Inc. on September 29, 2015 to discuss the new/updated cabling for the IT system and provided a walk-through of the Operations Building and plant site. Mr. Bolling was also on-site on October 16, 2015 to obtain additional information. Staff received a quote from NJ Business Systems of \$91,000 to install the cable. Staff will obtain a second quote for this work. NJ Business Systems, Inc. is listed on the State of New Jersey Department of Treasury State Contracts. In addition, the plan is to relocate our existing servers into a separate room (currently the servers are located in Ron Hess's office). The room that is currently used to store Operations equipment/supplies will be modified to house the servers which will require new air conditioning, installation of racks, layout design and relocation of the servers. This work is typically provided by a data center firm. Staff is in the process of identifying firms that can provide this service.

Mr. Goldfarb asked if money had been budgeted for this project. Ms. Pchola indicated that \$500,000 was allotted for the Asset Management. Staff indicated that the IT and Asset Management Projects could be completed for that amount.

## KEMS 2015 Annual Advice

Ms. Pchola reported that the protocol for the stack test for Incinerator No. 1 has been approved by NJDEP with conditions. A copy of NJDEP's letter was provided to the Board. The stack test has been scheduled for December 8 through December 22, 2015.

Ms. Pchola noted that staff received the pre-draft Title V permit. Comments on the pre-draft permit were submitted to NJDEP on October 16, 2015. The pre-draft permit did not include any of the major modification requests for the new scrubber, actual data for the new natural gas emergency generator, and the new ash handling equipment since the request was made after the Title V renewal application which was submitted on August 16, 2013.

Ms. Pchola indicated that NJDEP is also looking at the health risks associated with the Incinerators. Air modeling was conducted by the Authority in 1995/1996. The NJDEP has just completed an air quality health risk screening which indicated a cancer risk of 490/1,000,000 which they have indicated is unacceptable. The acceptable number is 10/1,000,000. Staff is in the process of setting up a meeting to discuss this issue. The meeting will include staff, Diane Alexander, Karl Monninger, NJDEP and the DAG.

NJDEP has sent a tentative agenda for discussion:

- 1st level Risk Screening worksheet indicate unacceptable cancer risks. What can the facility do to reduce or minimize the risks?
- Path Forward: NJDEP's plan to process the Title V Renewal application (BOP130002) and the Significant Modification (BOP150001).
- Inclusion of a Risk Minimization Plan in the U1 Sludge Incinerators compliance plan.

## Schwing Pump Replacement Project

Ms. Pchola reported that staff submitted (electronic submittal) the required letter of intent and the planning document to the New Jersey Environmental Infrastructure Trust on October 7, 2015 for the dewatered sludge pump replacement project. Expected funding for this project will be through the New Jersey Environmental Infrastructure Financing Program for SFY 2017. Contract documents and loan application are to be submitted by March 4, 2016

Ms. Pchola indicated that staff received proposals from GHD and R3M on October 9, 2015 for the evaluation and design of the seven (7) Schwing replacement pumps and the live bottom bin feed screws and drives. Staff recommended award of the design contract to GHD as outlined in a memo to John Kantorek dated October 16, 2015. A copy of the memo was provided to the Board.

Dr. Downey indicated that the Board should act on Resolution 2015-57, Specifying Proprietary Equipment of the Schwing Pumps prior to awarding the contract to GHD.

Ms. Pchola noted that the Schwing pumps are essential for sludge processing and incineration at our facility. These pumps have been in operation for over 20 years and are at the end of their useful life. Staff is thoroughly familiar with these pumps and the majority of the maintenance staff have been trained by factory personnel in the operation and maintenance of these pumps. The Schwing pumps also have a sludge flow measuring system that is integral to the pumps which other high solids positive displacement piston pumps do not have. Continuous sludge flow measurement is required as part of our Title V Permit.

Staff recommended that SBRSA specify the Schwing pumps as proprietary equipment as outlined in a memo to John Kantorek dated October 21, 2015 and in Resolution 2015-57. The Resolution was moved by Dr. Downey and seconded by Mr. Goldfarb.

Mr. Goldfarb expressed his concern regarding specifying proprietary equipment. Mr. Goldfarb indicated that the metering options that are available clearly demonstrate that SBRSA needs the type of metering which only Schwing offers and is sufficient reason for specifying proprietary equipment. Mr. Goldfarb indicated that the Resolution also includes that SBRSA has a substantial investment in training the majority of the Authority's maintenance staff at the Schwing-Bioset facility in Minnesota and **also** investment in spare parts for Schwing pumps. These reasons alone are not compelling reasons for specifying the Schwing Pumps.

Dr. Downey asked Ms. Alexander if it is appropriate to include training and spare parts in the Resolution as reasons for specifying proprietary equipment. Ms. Alexander indicated that the training and spare parts alone would not be compelling reasons to specify proprietary equipment but should be included in order to provide a total justification for the proprietary equipment.

Dr. Bartolini recommended that when future resolutions are drafted the most compelling reason for specifying proprietary equipment should be listed first and the "in additions" following. The Board agreed.

The Resolution was then passed by a roll call vote of 6 to 0. Resolution 2015-57 follows.

**Resolution of the Stony Brook Regional Sewerage Authority for Specifying Proprietary Equipment for the Dewatered Sludge Pumps**

**Resolution No: 2015-57**

**WHEREAS**, the Stony Brook Regional Sewerage Authority ("Authority") desires to improve the reliability and performance of the dewatered sludge pumping also referred to as the Schwing pumps; and

**WHEREAS**, the existing seven (7) Schwing pumps are over 20 years old and the cost to repair/maintain the pumps has escalated as well as some spare parts are becoming harder to obtain, and

**WHEREAS**, five (5) of the seven (7) pumps are essential for the Authority to process our participant's sludge and the remaining two (2) pumps are required to process customer cake sludge; and

**WHEREAS**, replacing the Schwing pumps will significantly improve the operational performance and reliability of the dewatered sludge handling system; and

**WHEREAS**, the Authority's NJDEP Title V permit requires continuous metering of the wet sludge into the incinerators; and

**WHEREAS**, the Schwing pumps have integral metering capabilities; and

**WHEREAS**, the Authority's experience with the Schwing pumps demonstrated by its specialized nature and performance as more fully set forth in the Memorandum dated October 21, 2015 from A. Pchola and S. Neuhof to J. Kantorek attached hereto and made a part hereof; and

**WHEREAS**, for consistency in both training and operation and maintenance of the equipment, the desired preference is to provide the Schwing pumps; and

**WHEREAS**, the Authority has made a substantial investment in training the majority of the Authority's maintenance staff at the Schwing-Bioset facility in Minnesota and investment in spare parts which many spare parts can be used in the new Schwing pumps; and

**WHEREAS**, the Authority has determined that the Schwing, piston positive displacement pumps are necessary for the conduct of its affairs; and

**WHEREAS**, as authorized by N.J.S.A. 40A:11-13(d) and N.J.A.C. 5:34-9.1(a) 1.i and 2.i, the proprietary designation of Schwing pumps overshadows the public benefit of use of "brand name or equivalent"; and

**WHEREAS**, the Authority's attorney has reviewed the proposed certification for the specialized nature of the proprietary equipment necessary for the conduct of SBRSA's affairs and has advised of its applicability and acceptability pursuant to N.J.S.A. 40A:11-13(d) and N.J.A.C. 5:34-9.1;

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

1. That the Authority agrees that due to the specialized nature of the equipment necessary for the conduct of its affairs, the only acceptable manufacturer for the replacement of the dewatered sludge pumps is Schwing-Bioset Inc. of Somerset Wisconsin.

2. SBRSA has submitted a letter of intent and planning document to the New Jersey Environmental Infrastructure Trust (NJEIT) for State Fiscal Year 2017 funding for this project.
3. This resolution for proprietary equipment shall be made part of the bid documents.

Recorded Vote:

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

Staff recommended approval of Resolution 2015-56, Awarding a “No Political Contributions Allowed” Contract to GHD for the Design of the Dewatered Sludge Handling Pumps/System. So moved by Dr. Downey, seconded by Mr. Goldfarb and passed by a roll call vote of 6 to 0. Resolution 2015-56 follows.

**Resolution Authorizing the Award of a “No Political Contributions Allowed Contract to GHD for the Design of the Dewatered Sludge Handling Pumps/System**

**Resolution No. 2015-56**

**WHEREAS**, the Stony Brook Regional Sewerage Authority (“Authority”) currently has seven dewatered sludge handling pumps, live bottom feed screws and drives for the two receiving bins which are over 20 years old and in need of replacement; and

**WHEREAS**, this equipment is necessary for the Authority to process and incinerate our participant’s sludge and the customer sludge of approximately 30 small to midsize treatment facilities; and

**WHEREAS**, the Authority requested proposals from three (3) engineering firms (AECOM, GHD, and R3M) to provide design services to replace the existing dewatered sludge pumps and live bottom feed screws and drives for the receiving bins; and

**WHEREAS**, SBRSA received proposals from GHD and R3M; and

**WHEREAS**, the proposals from GHD and R3M were similar in scope and technically equal as provided in a memo to John Kantorek, Authority Executive Director dated October 16, 2015; and

**WHEREAS**, the lump sum cost associated with the GHD proposal was \$54,656 and the lump sum cost associated with the R3M proposal was \$109,827; and

**WHEREAS**, staff recommends award of this contract to GHD; and

**WHEREAS**, GHD has a submitted a Business Entity Disclosure Certification which certifies that GHD 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**, the Stony Brook Regional Sewerage Authority has submitted a letter of intent and planning document on October 7, 2015 to the New Jersey Environmental Infrastructure Trust (NJEIT) for State Fiscal Year 2017 funding.

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

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

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          |           |                |               |

Contract 10-1 Headworks Project

Ms. Pchola indicated that staff met with Authority counsel and Kleinfelder on October 5, 2015 to discuss the September 10, 2015 letter received from Tomar. Based on the tone of the Tomar letter, it appears that the project will most likely be finalized and closed-out through the process of mediation. With that in mind, Counsel has requested copies of all pertinent documents, meeting minutes, change order requests, etc. KLF and SBRSA staff are in the process of collecting and submitting the requested information to Counsel.

Ms. Pchola noted that Tomar has a delay claim against SBRSA of approximately \$600,000. One additional meeting may take place prior to mediation.

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

Ms. Pchola reported that Thomas Controls Inc. (TCI) submitted the plumbing sub code permit application to Princeton on October 13, 2015 and continues to submit shop drawings. TCI has received the building permit from South Brunswick Township but not West Windsor Township. They have not received the plumbing permit from Princeton.

Ms. Pchola indicated that staff prepared a letter to TCI expressing SBRSA's concern of the lack of progress on the project. Ms. Pchola explained that the project was awarded in December 2014 and the kickoff meeting was held in February 2015. No construction has started for this project.

Mr. Morehouse asked if the generators have been ordered. Ms. Pchola explained that the generator for River Road was already manufactured.

#### Contract 15-1 Scrubber Procurement

Ms. Pchola reported that EnviroCare International (ECI) was on-site October 6, 2015 through October 14, 2015. During their site visit, ECI completed the start-up and commissioning of Scrubber No. 1 and assisted in the performance testing of unit. Operations, Maintenance, and Instrumentation personnel training was conducted by ECI on October 8th and 9th. In addition to the vendor training, CBE and SBRSA Engineering staff worked with Operations personnel on all shifts assisting in the operation of the new scrubber system until personnel became familiar with the new system.

Ms. Pchola explained that as part of the start-up and commission of the new scrubber, ECI, CBE, and SBRSA Engineering staff conducted pH optimization under various operating scenarios. The goal of the optimization was to establish water flow setting in the sections that would allow for the control of pH while still meeting our SO<sub>2</sub> limit without the addition of sodium hydroxide solution. To aid in this work, SBRSA rented and installed a temporary SO<sub>2</sub> analyzer. SO<sub>2</sub> levels were continuously monitored while changes to water flows and pH were made. The preliminary results of the testing indicate that the SO<sub>2</sub> limit can be met without the use of the caustic solution. However a small amount of caustic may need to be added to meet EPA operating condition requirements.

#### Contract 15-2, Scrubber Installation

Ms. Pchola reported that as of Pay Estimate No. 6 this project is approximately 73% complete. During the past reporting period Centerpoint Associates Inc. (CPA) completed: the installation of High Pressure Pumps 1 & 2, Low Pressure Pumps 1 & 2, wiring and start-up of the four associated VFD units, installation and start-up of all field devices for Scrubber No.1, installation and leak testing of the high pressure and low pressure piping systems,

configuration and data validation of the Trace DAS for the new scrubbers, the exterior tie-in of the 20-inch Secondary Effluent and 20-inch Final Effluent scrubber water supply lines, backfilled the tie-in excavation and placed asphalt in the front parking lot, curbs and sidewalk, completed installation of pipe supports, and miscellaneous clean-up activities.

Ms. Pchola indicated that on October 13 and 14, 2015 the performance test for Scrubber No. 1 was completed and the unit was placed into service on October 15, 2015. As indicated in Addendum No. 2 of the Contract, the contractor will earn a bonus equal to \$2,000 per day for each day the incinerator/scrubber system is placed into service prior to the interim completion date of November 15, 2015, which is 161 days after receipt of equipment. The September Board report indicated that the receipt of equipment was June 12th however the receipt of equipment was in fact June 8th. Therefore the unit was put into operation 31 days ahead of the interim completion date for a bonus payment of \$62,000.

Staff recommended approval of Resolution 2015-62, Authorizing the Approval of Change Order No. 11, Award of Interim Completion Bonus for Contract 15-2. Dr. Downey moved Resolution 2015-62 and it was seconded by Mr. Compton

Dr. Downey noted that in her twenty-two years on the Construction Committee this is the first project that has been completed ahead of schedule, started up right the first time and the Operations Department is pleased with it.

Ms. Pchola reported that CPA has indicated that the second scrubber should be complete by January, well in advance of the March 16, 2016 deadline.

The Resolution was then passed by a roll call vote of 6 to 0. Resolution 2015-62 follows.

**Resolution Authorizing the Approval of Change Order No.11,  
Contractor Bonus for Early Completion for Contract 15-2**

**Resolution No. 2015-62**

**WHEREAS**, on February 23, 2015, the Stony Brook Regional Sewerage Authority (SBRSA) issued a Notice to Bidders seeking the receipt of sealed public bids for the “Scrubber System Replacement Project, Contract 15-2”; and

**WHEREAS**, the SBRSA at its March 23, 2015 meeting awarded the Scrubber System Replacement Project, Contract 15-2 to Centerpoint Associates, Inc.(CPA) in the amount of \$1,574,890; and

**WHEREAS**, in accordance with Addendum No. 2 of the Contract the Contractor will earn a bonus equal to \$2,000 per day for each day the first incinerator/scrubber system is placed into service prior to the interim completion date; and

**WHEREAS**, the interim completion date was set by the Contract as 161 days after receipt of equipment; and

**WHEREAS**, the receipt of equipment was June 8, 2015 defining the interim completion date as November 15, 2015; and

**WHEREAS**, the first scrubber unit was put into operation 31 days ahead of the interim completion date for a calculated bonus payment of \$62,000; and

**WHEREAS**, the abovementioned changes to Contract 15-2 are incorporated within the October 15, 2015 Contract Change Order 11 document in the amount of \$62,000.00 resulting in an adjusted contract amount of \$1,639,405.04; and

**WHEREAS**, the contract completion date for the project shall remain unchanged as a result of Change Order No. 11; and

**WHEREAS**, the Stony Brook Regional Sewerage Authority has Funds available in its retained earnings.

**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 #11 with Centerpoint Associates, Inc. in the amount of \$62,000.00 resulting in an adjusted contract amount of \$1,639,405.04.
2. This Resolution shall take effect immediately; and

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

| 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          |           |                |               |

Ms. Pchola noted that during the demolition of the existing Scrubber No. 1, it was discovered that the existing scrubber drain inlet tee fitting was cracked. Due to the critical nature of the fitting to the operation of the new scrubber, Centerpoint was asked to provide a proposal to repair the tee. Centerpoint provided a proposal of \$550 to repair the cracked pipe fitting. Due to the tight timeline for the project and the need to stay on track, Centerpoint was authorized to complete the repairs.

Staff recommended approval of Resolution 2015-61, Authorizing Change Order No. 5 to Repair Scrubber Drain Inlet Tee for Contract 15-2 in the amount of \$550. So moved by Dr. Downey, seconded by Mr. Compton and passed by a roll call vote of 6 to 0. Resolution 2015-61 follows.

**Resolution Authorizing the Approval of Change Order No. 5 to  
Repair Scrubber No. 1 Drain Inlet Tee for Contract 15-2**

**Resolution No. 2015-61**

**WHEREAS**, on February 23, 2015, the Stony Brook Regional Sewerage Authority (SBRSA) issued a Notice to Bidders seeking the receipt of sealed public bids for the “Scrubber System Replacement Project, Contract 15-2”; and

**WHEREAS**, the SBRSA at its March 23, 2015 meeting awarded the Scrubber System Replacement Project, Contract 15-2 to Centerpoint Associates, Inc.(CPA) in the amount of \$1,574,890; and

**WHEREAS**, additional unforeseen work which was not included in the original bid specifications was required to repair the drain inlet tee pipe fitting on Scrubber No.1; and

**WHEREAS**, the abovementioned changes to Contract 15-2 are incorporated within the August 21, 2015 Contract Change Order #5 document in the amount of \$550.00 resulting in an adjusted contract amount of \$1,577,405.04; and

**WHEREAS**, the contract completion date for the project shall remain unchanged as a result of Change Order No. 5; and

**WHEREAS**, the Stony Brook Regional Sewerage Authority has Funds available in its retained earnings.

**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 #5 with Centerpoint Associates, Inc. in the amount of \$550.00 resulting in an adjusted contract amount of \$1,577,405.04.
2. This Resolution shall take effect immediately; and

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

| 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          |           |                |               |

Contract 15-3, Ash Handling System Improvements

Ms. Pchola reported that staff contacted BR Welding on October 7, 2015 requesting an update on the status of the following submittals: Formal Schedule of Values, Project Schedule, Ash Pelletizer, Shaftless Screw Conveyors, and any other long lead time items.

Ms. Pchola indicated that on October 21, 2015 BR Welding (BRW) informed SBRSA that negotiations with the equipment vendor, Thomas and Muller the named manufacturer, have been on-going and BRW recently issued a purchase order to the vendor. BRW hopes to have the major equipment submittals to SBRSA by early November.

Instrument Air Compressor Replacement

Ms. Pchola reported that staff completed their review of the project documents and a conference call was held with AECOM on October 21, 2015 to discuss the comments. AECOM plans to resubmit revised technical specifications the week of October 26, 2015. It is anticipated that the project will be advertised the week of November 1st and bids for the project will be received on December 9, 2015.

MA Effluent Channel Mixers

Ms. Pchola indicated that Kleinfelder was on site on October 7, 2015 to obtain field information regarding the demolition of the existing equipment and continues with the preliminary design work for this project.

Pavement Replacement

Ms. Pchola indicated that the pavement replacement at the entrance to the South Brunswick Pump Station up to the DRCC easement was completed on October 7, 2015.

Carbon Monoxide Analyzer Replacement

Ms. Pchola reported that PACE Environmental has submitted the draft Performance Specification Test (PST) protocol for the new CO analyzers. The draft PST is currently under staff review.

Information Technology

Mr. Hess indicated that as reported last month, the River Road SCADA upgrade screen development is now 100% complete. Staff is working on a few problems to make it fully operational. Currently SBRSA is approximately 70% complete with the development of the Pennington and Hopewell screens.

Mr. Hess reported that SBRSA has renewed its service contract with Comcast for Business Class internet access for all three plants for two more years. The Authority is also increasing the maximum bandwidth from 50/10 mbps to 150/30 mbps.

Mr. Hess noted that staff continues to work with EMA on improving IT policies, and procedures.

526.12 Finance Report

Payment of Bills and Claims

Mr. Morehouse moved for approval of Resolution 2015-58, for the payment of bills and claims in the amount of \$1,381,565.01 with two signatures instead of three. The motion was seconded by Dr. Downey and passed by a roll call vote of 6 to 0. Resolution 2015-58 follows.

**Resolution Regarding Payment of Bills and Claims**

**Resolution No. 2015-58**

**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 \$1,381,565.01 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 ten-month period ending September 30, 2015 is \$844,220. This represents an increase of \$115,316 over the prior period. The Authority has total cash and investments of \$19,210,510 at an average interest rate of 0.26%. The current construction projects balance is \$17,398,006. Mr. Neuhof noted there are sufficient funds for these projects. The outstanding bond principal balance is \$23,649,523. The New Jersey Cash Management Fund yield is 0.13%.

Resolution 2015-55, Authorizing the Emergency Procurement of Services for the Repair of the Leaking Force Main at the Pennington Facility

Mr. Neuhof indicated that Mr. Kunert discussed the specifics of the emergency during the Operations report. Mr. Neuhof indicated that an Emergency Procurement Report has been completed for submittal to the New Jersey Division of Local Government Services as required by statute.

Mr. Neuhof recommended approval of Resolution 2015-55. So moved by Dr. Downey, seconded by Mr. Goldfarb and passed by a roll call vote of 6 to 0. Resolution 2015-55 follows.

**Resolution Authorizing the Emergency Procurement of Services for the Repair of the Leaking Force Main at the Pennington Facility**

**Resolution No. 2015-55**

**WHEREAS**, an emergency situation developed, which could not have been reasonably foreseen, with respect to the need to repair a Leaking Force Main at the Pennington Facility. Specifically, by excavating close to where the water broke the grounds surface (approximately 14 feet down), locating and repairing the leaking 8 inch force main, then restoring the asphalt which needed to be removed as well as the concrete walkway; and

**WHEREAS**, the Authority has reviewed the attached Emergency Procurement Report prepared by the Plant Manager, regarding the emergency procurement of services in connection with the work required to repair the leaking force main; 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 Plant Manager, 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

**WHEREAS**, the Authority has filed the emergency procurement report with the Division of Local Government Services.

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

The Authority declares that an emergency existed with respect to the immediate need to repair the leaking force main at the Pennington Facility as further described in the attached Emergency Procurement Report prepared by the Plant Manager, which emergency require the immediate emergency procurement of services in order 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 Joseph Jingoli & Son, Inc. with an estimated amount of \$52,000 for the provision of emergency services for the repair of the leaking force main at the Pennington Facility.
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:        | <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          |           |                |               |

Resolution 2015-59, Delegating Authority to the Executive Director to Award or Reject an Electricity Bid Contract

Mr. Neuhof indicated that SBRSA is one of sixteen Authorities in the aggregation group. SBRSA's current two-year contract for electricity ends at the end of May 2016. The group and the groups' Consultant feels that current market conditions are favorable to go out to bid in November.

Due to the fact that the electricity market is highly volatile and bid prices are not guaranteed after 3:00 p.m. of the date of bid receipt, the award or rejection of bid(s) must be made on the Authority's behalf by its designated representative(s).

Mr. Neuhof recommended approval of Resolution 2015-59, Delegating Authority to the Executive Director or designee to Award or Reject an Aggregation Group Electricity Bid Contract. The Resolution was moved by Dr. Downey and seconded by Mr. Goldfarb.

Mr. Kantorek indicated that if the bid prices are not favorable they can be rejected and there will still be time to re-bid. Mr. Goldfarb asked if consideration will be given to SBRSA due to its reduced usage because of the Solar Project. Mr. Kantorek indicated that SBRSA will be in its own separate category under PSE&G.

Dr. Downey recommended amending the Resolution to include delegating authority to the Executive Director or his designated representative.

Resolution 2015-59 was approved as amended by a roll call vote of 6 to 0. Resolution 2015-59 follows.

**Resolution Delegating Authority to the Executive Director to  
Award or Reject an Aggregation Group Electricity Bid Contract**

**Resolution No. 2015-59**

**WHEREAS**, the existing Aggregation Group's electric generation supply contract with PPL Inc. will expire upon the first meter read date in May, 2016; and

**WHEREAS**, the Aggregation group's (New Jersey Sewerage and Municipal Utility Authority Electrical Supply Aggregation, or "NJSMUAESA") intent is to bid electricity supply in advance to take advantage of desirable market conditions; and

**WHEREAS**, the Stony Brook Regional Sewerage Authority is an active member of the NJSMUAESA group; and

**WHEREAS**, the Aggregation group's intent is to receive bid price submittals on or about November 20, 2015; and

**WHEREAS**, due to the fact that the electricity market is highly volatile and bid prices are not guaranteed after 3:00 p.m., the award or rejection of bid(s) must be made on the Authority's behalf by its designated representative.

**NOW, THEREFORE, BE IT RESOLVED** by the Stony Brook Regional Sewerage Authority that it hereby authorizes the Authority's Executive Director or his designated representative, to act in his sole discretion as the Authority's designated representative to award or reject an electricity bid in conjunction with the Aggregation Group.

**BE IT FURTHER RESOLVED** that the notwithstanding the foregoing, the Authority’s Executive Director, may reject any bid, including, if necessary, all bids (and not award a contract), provided that such rejection is in accordance with the provisions of the Local Public Contracts Law, N.J.S.A. 40A:11-1 et seq.

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

Resolution 2015-60, Authorizing the Award of a “No Political Contributions Allowed” Contract for the 2015 Audit to Withum Smith+Brown

Mr. Neuhof indicated that an “engagement letter” or contract from Withum Smith+Brown (WS+B) was received to perform the 2015 Audit. This will be the third audit performed by WS+B. The Authority’s policy is to change auditors every five (5) years. The fee is \$18,500 an increase of \$1,000 or 5.7%. Additional work will be performed since the Authority received in excess of \$500,000 in federal funds.

Mr. Neuhof recommended approval of Resolution 2015-60, Awarding a “No Political Contributions Allowed” contract for the 2015 Audit to Withum Smith+Brown at a fee not to exceed \$18,500. So moved by Mr. Morehouse, seconded by Dr. Downey and passed by a roll call vote of 6 to 0. Resolution 2015-60 follows.

**Resolution Authorizing the Award of a “No Political Contributions Allowed” Contract for the 2015 Audit to Withum Smith+Brown**

**Resolution No. 2015-60**

**WHEREAS**, N.J.S.A. 40A:5A-15 requires the governing body of each local authority to cause an annual audit of its accounts to be made, and

**WHEREAS**, the Stony Brook Regional Sewerage Authority “SBRSA” is in need of auditing services to be performed on the Financial Statements of the Authority for the fiscal year ending November 30, 2015; and

**WHEREAS**, WithumSmith+Brown, PC has submitted a proposal indicating they will provide auditing services to the Stony Brook Regional Sewerage Authority for the year ending November 30, 2015 for a fee of \$18,500; and

**WHEREAS**, the services to be rendered are to be performed by persons authorized by law to practice a recognized profession within the definition of a professional service pursuant to N.J.S.A. 40A:11-5; and

**WHEREAS**, Withum Smith+Brown, PC has completed and submitted a Business Entity Disclosure Certification which certifies that Withum Smith+Brown, PC. has not made any reportable contributions to a political or candidate committee in the Stony Brook Regional Sewerage Authority service area, Mercer County, and Middlesex County in the previous one year, and that the contract will prohibit Withum Smith+Brown, PC from making any reportable contributions through the term of the contract; and

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

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

1. That the Chairman is hereby authorized to execute a professional services agreement between WithumSmith+Brown, PC and the Stony Brook Regional Sewerage Authority, for the performance of the 2015 audit for the year ending November 30, 2015, as described herein, in an amount not to exceed \$18,500.00 without further authorization.
2. Notice of the within action shall be provided in accordance with N.J.S.A. 40A:11-5(1) (a) (i).
3. This Resolution shall take effect immediately.

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          |           |                |               |

2016 Estimated Participant Charge

Mr. Neuhof provided the Board with a copy of the 2016 Estimated Participant Charge based on ten months of flow. This was also provided to the Municipal Chief Financial Officers.

Mr. Neuhof reviewed the summary of charges and the Year End figures.

Monthly Sludge Business Analysis

Mr. Neuhof reported that net income for the month of September is \$83,368 and the cumulative net income is \$1,292,728. Gas usage for the month of September was 81,328 therms. The remaining simple payback for the RTO project is 2.06 years.

#### 526.13 Personnel Report

The Personnel Report was provided for member information.

Mr. Kantorek noted that as discussed one position was eliminated and the employee was laid off.

#### 526.14 Correspondence

For information.

A copy of an email from Mr. Jim Cosgrove regarding new proposed rules for Wastewater Quality Management Plans (WQMP) and Capacity Assurance was provided to the Board.

Ms. Alexander explained that under the new rules for the WQMPs, the NJDEP loses its ability to approve individual amendments to existing plans after January 16, 2016. If the proposed rules do not go into effect prior to that date, after January 17, 2016 there effectively will be no amendments to WQMPs.

The proposed rules place more emphasis on the County in terms of decision making and planning. If there is an issue with capacity the County would have to address it with the entity involved.

Ms. Alexander indicated that under the proposed rules for Capacity Assurance there will no longer be a committed flow component. Capacity will be determined by the Authority and will be based on 12-month average of existing flow. This may create problems with approving or rejecting Treatment Works Approvals during extremely wet or dry weather conditions which affect flows.

Dr. Downey asked if the proposed rules are good or bad. Ms. Alexander indicated from a legal standpoint, the ability of the Authority to point to a statutory requirement when rejecting TWAs due to the Authority's potential ability to achieve compliance with effluent limitations, given all of its outstanding commitments, may be diminished.

A brief discussion followed.

#### 526.15 Old Business

None

526.16 New Business

Award of Contracts

Resolution 2015-52, Award of Contract for the Supply of Sodium Hypochlorite

Mr. Kunert reported that on Wednesday, October 7, 2015 sealed bids for the supply of Sodium Hypochlorite were received. The results are as follows:

|                           | <u>12 MONTHS</u>           | <u>24 MONTHS</u>   |
|---------------------------|----------------------------|--|
| Buckman's Inc.            | \$0.727/gal / \$119,955.00 | \$0.727/gal / \$119,955.00 (1st)<br>\$0.727/gal / \$119,955.00(2nd)<br>2 Year Total = \$239,910.00 |
| JCI Jones Chemicals Inc.  | \$0.75/gal / \$123,750.00  | \$0.75/gal / \$123,750.00 (1st)<br>\$0.75/gal / \$123,750.00 (2nd)<br>2 Year Total = \$247,500.00  |
| Kuehne Chemical Co., Inc. | \$0.739/gal / \$121,935.00 | \$0.694/gal / \$114,510.00(1st)<br>\$0.738/gal / \$121,770.00(2nd)<br>2 Year Total = \$236,280.00  |
| Miracle Chemical Co.      | \$0.977/gal / \$161,205.00 | \$0.977/gal / \$161,205.00 (1st)<br>\$0.999/gal/\$164,835.00(2nd)<br>2 Year Total = \$326,040.00   |
| Univar USA Inc.           | \$0.845/gal / \$139,425.00 | \$0.845/gal / \$139,425.00 (1st)<br>\$0.845/gal / \$139,425.00(2nd)<br>2 Year Total = \$278,850.00 |

Mr. Kunert indicated that the last contract was a two-year contract with Buckman's Inc. at \$0.739/gal for the first year and \$0.739/gal for the second year for a total two year cost of \$243,870.00.

Staff recommended that a two-year contract be awarded to Kuehne Chemical Co., Inc. at \$0.694/gal for the first year and \$0.738/gal for the second year for a total two year cost of \$236,280.00. So moved by Mr. Morehouse, seconded by Dr. Downey and passed by a roll call vote of 6 to 0. Resolution 2015-52 follows.

**Resolution Awarding Contract for the Supply of Sodium Hypochlorite**

**Resolution No. 2015-52**

**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 Sodium Hypochlorite; and

**WHEREAS**, the following sealed competitive bids were received by the Authority on October 7, 2015, as more fully set forth as follows:

|                          | <u>12-Month</u>            | <u>24-Month</u>   |
|--------------------------|----------------------------|---|
| Buckman's Inc.           | \$0.727/gal / \$119,955.00 | \$0.727/gal / \$119,955.00 (1st)<br>\$0.727/gal / \$119,955.00 (2nd)<br>2 Year Total = \$239,910.00 |
| JCI Jones Chemical Inc.  | \$0.75/gal / \$123,750.00  | \$0.75/gal / \$123,750.00 (1st)<br>\$0.75/gal / \$123,750.00 (2nd)<br>2 Year Total = \$247,500.00   |
| Kuehne Chemical Co. Inc. | \$0.739/gal / \$121,935.00 | \$0.694/gal / \$114,510.00 (1st)<br>\$0.738/gal / \$121,770.00 (2nd)<br>2 Year Total = \$236,280.00 |
| Miracle Chemical Co.     | \$0.977/gal / \$161,205.00 | \$0.977/gal / \$161,205.00 (1st)<br>\$0.999/gal / \$164,835.00 (2nd)<br>2 Year Total = \$326,040.00 |
| Univar USA Inc.          | \$0.845/gal / \$139,425.00 | \$0.845/gal / \$139,425.00 (1st)<br>\$0.845/gal / \$139,425.00 (2nd)<br>2 Year Total = \$278,850.00 |

**WHEREAS**, the Authority has determined that the bid of Kuehne Chemical Co. Inc. is the lowest 24-month bid; and

**WHEREAS**, the bidder, Kuehne Chemical Co.Inc. submitted a bid of \$0.694 per gallon for the first year and \$0.738 per gallon for the second year for a total two year price of \$236,280.00; and

**WHEREAS**, the bid has been reviewed by the Authority to determine compliance with the bid specifications in accordance with the Local Public Contracts Law N.J.S.A. 40A:11-1 et seq. and has been determined to be in order; 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 that it hereby awards a 24-month contract to Kuehne Chemical Co.Inc., the lowest responsive bidder for the supply of Sodium Hypochlorite in the estimated amount of \$236,280.00.; and

**BE IT FURTHER 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.

| 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 2015-53, Awarding Contract for the Supply of Sodium Bisulfite

Mr. Kunert reported that on Wednesday, October 14, 2015 sealed bids for the supply of Sodium Bisulfite were received. Two years ago the Authority went out to bid for 50,000 gallons per year. This bid specified 40,000 gallons per year which better reflects the Authority's actual usage. Four bids were received and the results are as follows:

|                      | <u>12-Months</u>          | <u>24-Months</u>   |
|----------------------|---------------------------|--|
| Univar USA Inc.      | \$1.57/gal / \$62,800.00  | \$1.57/gal / \$62,800.00 (1st)<br>\$1.68/gal / \$67,200 (2nd)<br>Total 2 YR = \$130,000.00     |
| Miracle Chemical Co. | \$1.795/gal / \$71,800.00 | \$1.795/gal / \$71,800.00 (1st)<br>\$1.825/gal / \$73,000.00(2nd)<br>Total 2 YR = \$144,800.00 |
| Coyne Chemical Co.   | \$1.968/gal / \$78,720.00 | \$1.968/gal / \$78,720.00 (1st)<br>\$1.997/gal / \$79,880.00(2nd)<br>Total 2 YR = \$158,600.00 |
| PVS Chemicals Inc.   | \$2.65/gal / \$106,000.00 | \$2.65/gal / \$106,000.00 (1st)  |

\$2.65/gal / \$106,000.00 (2nd)  
Total 2 YR = \$212,000.00

Mr. Kunert indicated the last contract was a two-year contract with Univar USA Inc., at a unit price of \$1.92/gallon the first year and \$2.02/gallon the second year for a total two-year contract price of \$197,000.00.

Mr. Kunert recommended that a two year contract be awarded to Univar USA Inc., at a unit price of \$1.57/gallon for the first year and \$1.68/gallon for the second year for a total two year price of \$130,000.00 through Resolution 20015-53. So moved by Dr. Downey, seconded by Mr. Morehouse and passed by a roll call vote of 6 to 0. Resolution 2015-53 follows.

**Resolution Awarding Contract for the  
Supply of Sodium Bisulfite**

**Resolution No. 2015-53**

**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 Sodium Bisulfite; and

**WHEREAS**, the following sealed competitive bids were received by the Authority on October 14, 2015, as more fully set forth as follows:

|                      | 12-Month                   | 24-Month  |
|----------------------|----------------------------|---|
| Coyne Chemical Co.   | \$1.968/gal / \$78,720.00  | \$1.968/gal / \$78,720.00 (1st)<br>\$1.997/gal / \$79,880.00(2nd)<br>Total 2 YR = \$158,600.00  |
| Miracle Chemical Co. | \$2.059/gal / \$102,950.00 | \$1.795/gal / \$71,800.00(1st)<br>\$1.825/gal / \$73,000.00(2nd)<br>Total 2 YR = \$144,800.00   |
| PVS Chemicals Inc.   | \$2.65/gal / \$106,000.00  | \$2.65/gal / \$106,000.00 (1st)<br>\$2.65/gal / \$106,000.00 (2nd)<br>Total 2 YR = \$212,000.00 |
| Univar USA Inc       | \$1.57/gal / \$62,800.00   | \$1.57/gal / \$62,800.00 (1st)<br>\$1.68/gal / \$67,200.00(2nd)<br>Total 2 YR = \$130,000.00    |

and,

**WHEREAS**, the Authority has determined that the bid of Univar USA Inc. is the lowest 24-month bid; and

**WHEREAS**, the bidder, Univar USA, Inc. submitted a bid of \$1.57 per gallon for the first year and \$1.68 per gallon for the second year for a total two year price of \$130,000.00; and

**WHEREAS**, the bid has been reviewed by the Authority to determine compliance with the bid specifications in accordance with the Local Public Contracts Law N.J.S.A. 40A:11-1 et seq. and has been determined to be in order; 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 that it hereby awards a 24-month contract to Univar USA Inc., the lowest responsive bidder for the supply of Sodium Bisulfite in the estimated amount of \$130,000.00.; and

**BE IT FURTHER 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.

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

Resolution 2015-54, Award of Contract for the Furnishing, Delivery and Maintenance of Uniforms

Mr. Kunert reported that on Wednesday, October 21, 2015 sealed bids for the supply and maintenance of work uniforms were received. The results are as follows:

|                         | <u>24-Months</u> | <u>36-Months</u> |
|-------------------------|------------------|------------------|
| American Wear Uniforms  | \$50,451.02      | \$60,114.84      |
| Aramark Uniform Service | No Bid           | \$ 68,630.04     |
| UniFirst Corporation    | No Bid           | \$ 62,339.25     |

Mr. Kunert indicated that the Authority's last contract was a three-year contract with American Wear Uniforms for a total three-year cost of \$47,418.12.

Mr. Kunert recommended that a three year contract be awarded to American Wear Uniforms at a total three year cost of \$60,114.84 through Resolution 2015-54. So moved by Dr. Downey, seconded by Mr. Morehouse and passed by a roll call vote of 6 to 0, Resolution 2015-54 follows.

**Resolution Awarding Contract for the Furnishing, Delivery, and Maintenance of Uniforms**

**Resolution No. 2015-54**

**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 furnishing and delivery of personnel uniforms; and

**WHEREAS**, the following sealed competitive bids were received by the Authority on October 21, 2015, as more fully set forth in the attached Bid Tabulation Sheet:

|  | <u><b>2 Years</b></u> | <u><b>3 Years</b></u> |
|--|-----------------------|-----------------------|
| American Wear Uniforms<br>261 N 18th Street<br>East Orange, New Jersey 07017                   | \$50,451.02           | \$60,114.84           |
| Aramark Uniform Services<br>1178 Marlgress Road<br>P.O. Box 5720<br>Cherry Hill, NJ 08034-0523 | No Bid                | \$68,630.04           |
| UniFirst Corporation<br>940 River Road<br>Croyden, PA 19021                                    | No Bid                | \$62,339.25           |

**WHEREAS**, the apparent lowest responsible bidder, American Wear Uniform submitted a bid in the total amount of \$60,114.84 for three years; and

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

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

**NOW, THEREFORE, BE IT RESOLVED** by the Stony Brook Regional Sewerage Authority that it hereby awards the contract for the furnishing and delivery of personnel uniforms to American Wear Uniforms in the total amount of \$60,114.84 for three years ; and

**BE IT FURTHER RESOLVED** that the Bid Security of all unaccepted bidders be released or returned; 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.

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 |

526.17 Open to the Public

None.

526.18 And Such Other Issues as May Come Before the Board

None.

526.19 Executive Session

The Board entered into Executive Session at 9:02 pm to discuss personnel issues on a motion by Dr. Downey, seconded by Mr. Morehouse and passed by unanimous vote.

526.20 Return to Public Session

The Board returned from Executive Session at 9:20 pm.

526.21 Adjournment

As there was no further business to come before the Board, the meeting was adjourned at 9:21 p.m. on a motion by Dr. Downey, seconded by Mr. Compton and passed by unanimous vote.

Respectfully Submitted,

John Kantorek  
Secretary

Recorded and Written by  
Patricia Carlino  
November 5, 2015