

Minutes of Meeting #523, July 27, 2015 – Stony Brook Regional Sewerage Authority

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

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

MEMBERS ABSENT: Morehouse

CONSULTANTS: Falcon, Scerbo, Gabel-Frank

STAFF PRESENT: Bixby, Carlino, Hess, Ireland, Irizarry, Kantorek, Kunert, Neuhof, Pchola, Redding, Roga

523.01 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.

523.02 Approval of Minutes

The minutes from the June 22, 2015 Board meeting were approved as presented on a motion by Dr. Downey, seconded by Mr. Goldfarb and passed by a vote of 5 to 0.

523.03 Board Related Activities

Resolution 2015-44, Recommendation of the Evaluation Report Dated July 23, 2015, and Awarding Contract to the Successful Respondent in Connection with the Princeton-Stony Brook Regional Sewerage Authority Solar Initiative

Mr. Kantorek indicated that Mr. Ryan Scerbo, Attorney for Princeton's Solar Project, and Mr. Isaac Gabel-Frank, Gabel Associates, were here to give a brief presentation on the status of the Princeton-Stony Brook Regional Sewerage Authority Solar Initiative. A resolution will also be presented to the Board for a vote. The resolution must be passed by both SBRSA and Princeton in order to proceed with the project. Both Mr. Scerbo and Mr. Gabel-Frank will be attending the Princeton Council meeting immediately following the vote on the resolution.

Mr. Scerbo began the presentation by providing an overview of the Evaluation Report for the solar project to the Board.

Mr. Scerbo explained that the solar project will generate more power than first anticipated due to a larger solar field. Mr. Scerbo reviewed the Request for Proposal (RFP) process stating an RFP was issued on May 8, 2015 and proposals were received on June 12, 2015. In total, six proposals were received; however, based on a legal review three proposals were deemed non-compliant with the requirements of the RFP and one respondent requested to withdraw its proposal, which was granted. On June 26, 2015 interviews were held for the two respondents.

Mr. Scerbo noted that Mr. Kantorek attended the interviews and was involved in the process. The Evaluation Report was completed on July 23, 2015. A copy of the evaluation report was provided to the Board.

Mr. Gabel-Frank presented the two proposals and the rating system that was used for vendor selection. Mr. Gabel-Frank explained that Geopeak Energy/Altec Building Systems/Ezenergy in addition to providing a proposal for Proposed Option 1, also provided two alternate proposals under Option 1 (Option 1a and Option 1b). Option 1b increased the size of the solar field generating more solar power and providing a greater economic benefit for both SBRSA and Princeton. Therefore, the recommendation of the Evaluation Team is to award the contract to Geopeak/Altec.

The remaining project schedule was then reviewed. A fully executed Power Purchase Agreement (PPA) and lease is anticipated to be completed in August or September. It is anticipated that the project will be completed in one year or sooner.

Mr. Kantorek indicated that he was well informed during the entire process. Mr. Kantorek noted that the project provides an economic benefit to the Authority and recommended approval of Resolution 2015-4

Dr. Downey, Chairperson of the Construction Committee, indicated that the Committee unanimously recommended approval of Resolution 2015-44. Dr. Downey explained that the Committee met with Mr. Scerbo and Mr. Gabel-Frank to review the draft Evaluation Report. Dr. Downey indicated that an extensive discussion of the project took place and Mr. Scerbo and Mr. Gabel-Frank answered all questions that the Committee had. Mr. Goldfarb indicated that although he had some reservations regarding the project, the benefits to the Authority outweigh his concerns.

Mr. Kantorek indicated that the Authority's Counsel made several revisions to Resolution 2015-44. Mr. Kantorek then reviewed the changes.

Following a review of the revisions to the resolution, Dr. Downey made a motion for approval of Resolution 2015-44, Accepting the Recommendations of the Evaluation Report Dated July 23, 2015 and Awarding a Contract to the Successful Respondent in Connection with the Princeton-Stony Brook Regional Sewerage Authority Solar Initiative. The motion was seconded by Mr. Goldfarb and passed by a roll call vote of 5 to 0. Resolution 2015-44 follows.

**RESOLUTION OF THE STONY BROOK REGIONAL SEWERAGE AUTHORITY
ACCEPTING THE RECOMMENDATIONS OF THE EVALUATION REPORT DATED
JULY 23, 2015, AND AWARDING A CONTRACT TO THE SUCCESSFUL
RESPONDENT IN CONNECTION WITH THE PRINCETON-STONY BROOK
REGIONAL SEWERAGE AUTHORITY SOLAR INITIATIVE**

Resolution No. 2015-44

WHEREAS, the Princeton and Stony Brook Regional Sewerage Authority (the “Authority”), collectively, previously expressed their desire to work cooperatively together to obtain proposals from private solar developers for the financing, design, construction, installation, operation and maintenance of a solar renewable energy project (“Renewable Energy Project”) to be located on certain lands owned by Princeton and servicing certain facilities owned by the Authority by entering into a Shared Services Agreement, dated April 27, 2015; and

WHEREAS, Princeton, on behalf of the Authority administered a procurement process pursuant to the competitive contracting provisions of the Local Public Contracts Law, N.J.S.A. 40A:11-1 et seq., by issuing a Request for Proposals for a Developer of Photovoltaic Systems on Lands Owned by Princeton and Serving Stony Brook Regional Sewerage Authority, Princeton, Mercer County, New Jersey, dated May 8, 2015 (the “RFP”); and

WHEREAS, Princeton received six (6) proposals in response to the RFP on June 12, 2015 from the following firms:

1. Altus Power America / Pro-tech Energy Solutions
2. Geopeak Energy / Altec Building Solutions / Eznergy
3. Greenskies
4. HESP Solar
5. Sun Edison / Advanced Solar Products
6. GroSolar

WHEREAS, Princeton and the Authority selected an evaluation team to review the proposals received and interview the respondents (the “Evaluation Team”); and

WHEREAS, based upon a legal review of the proposals received, the Evaluation Team determined that the following proposals were not responsive to the requirements of the RFP:

- Sun Edison / Advanced Solar Products;
- GroSolar
- HESP Solar; and

WHEREAS, the Evaluation Team recommends that the proposals received from Sun Edison / Advanced Solar Products, GroSolar and HESP Solar be rejected for being non-responsive to the requirements of the RFP; and

WHEREAS, prior to the Evaluation Team conducting a detailed review of its proposal, Greenskies requested to withdraw its proposal; and

WHEREAS, the Evaluation Team recommends honoring Greenskies request to withdraw its proposal; and

WHEREAS, following the completion of a detailed evaluation of the Altus Power America and Geopeak Energy proposals, as well as interviews with each respondent, the Evaluation Team developed the Evaluation Report, dated July 23, 2015, a copy of which is attached hereto as Exhibit A; and

WHEREAS, the Evaluation Report was made available to the public for review at least 48-hours prior to the consideration of this resolution; and

WHEREAS, the Evaluation Report recommends that the team of Geopeak Energy / Altec Building Solutions / Eznergy be selected as the Successful Respondent to the RFP under proposal Option 1b; and

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

1. The aforesaid recitals are incorporated herein as if set forth at length.
2. The Evaluation Team's recommendation to reject the following proposals as being nonresponsive to the requirements of the RFP is accepted; and the proposals of the following are hereby rejected:
 - Sun Edison / Advanced Solar Products;
 - GroSolar
 - HESP Solar; and
3. The Evaluation Team's recommendations to allow Greenskies to withdraw its proposal is accepted and all copies of the proposal of Greenskies shall be returned to it.
4. The recommendation of the Evaluation Team contained in the Evaluation Report to select Geopeak Energy / Altec Building Solutions / Eznergy under Proposal Option 1b as the Successful Respondent is accepted.
5. The Evaluation Team is authorized and directed to complete within 45 days of the date of this Resolution a Power Purchase Agreement and a Site Lease as well as any other ancillary documents necessary to effectuate the intent of this resolution and present same to the Board for the Board's subsequent approval.

BE IT FURTHER RESOLVED that this resolution shall take effect only upon adoption of a duly authorized resolution of the governing body of PRINCETON accepting the recommendations of the Princeton Landfill Evaluation Team, as set forth in the Evaluation Team Report dated July 23, 2015, and authorizing the completion of a Power Purchase Agreement and a Site Lease for subsequent approval by the respective governing bodies.

The foregoing resolution was adopted by the following roll call vote:

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			

Consultant List

The consultant list was provided for information. Mr. Kantorek indicated that there are no contracts pending award.

523.04 Planning and Administration

Mr. Kantorek reported that the most current 12-month average daily River Road plant flow is 9,116,036 gpd with 981,541 gpd of approved but inoperative flow for a total committed flow of 10,097,577 gpd with 2,962,423 gpd or 22.68% of available capacity. The most current 12-month average daily flow at the Hopewell Plant is 220,214 gpd with 1,200 gpd of inoperative flow, for a total committed flow of 221,414 gpd with 27.03% or 78,586 gpd of available capacity. The Pennington Plant presently has 239,460 gpd as the most current 12-month average daily flow, with 18,047 gpd of approved but inoperative flow, for a total committed flow of 257,507 gpd, with 14.16% or 42,493 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 on July 6, 2015 he and Mr. Compton attended a Pennington Borough Council meeting. At that meeting Mr. Kantorek updated Pennington on the status of the Pennington Expansion Project. Mr. Kantorek noted that the lower than average rainfall is increasing the calculated available capacity. However, in real numbers of available capacity is approximately 10,000 to 15,000 gallons per day.

Mr. Goldfarb commented that whether or not the Authority has permit issues with the Plant Blending Line, the municipalities and the Authority should look into peak flow reduction. Mr. Goldfarb noted that as a result of a rainstorm at the end of June, flow from South Brunswick Township increased dramatically (approximately 1.7 mgd) and immediately went down just as dramatically after the storm. This is an indication of surface water leaking into the system. Mr. Goldfarb noted that this not a difficult fix, i.e. repairing manholes/manhole covers. Mr. Patel indicated that South Brunswick Township is in the process of making some repairs to the system. Mr. Patel explained that he has had conversations with the previous supervisors regarding the system and having money put into the budget for repairs to the system. However, both supervisors have retired. Mr. Patel requested that he and Mr. Kantorek meet with the new supervisors to discuss the situation. Mr. Kantorek indicated that

Ms. Pchola should be involved too. Chairman Bartolini noted that West Windsor Township is in the process of beginning to repair its forty (40) year old system.

Monthly Flow Transmittal

The monthly flow transmittal for June was provided for information.

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

The meter certification conducted on June 1, 2015 at the North Ridge Meter Chamber indicated that the meter was reading low by 0.75%. The meter verification conducted on July 1, 2015 indicated that the meter was reading high by 2.35%. The meter data for the month of June was adjusted downward by 0.8% which is the average of the June meter certification and the July meter verification.

At Meter Chamber No. 7 the meter certification conducted on June 1, 2015 indicated that the meter was reading high by 0.42%. The meter verification conducted on July 1, 2015 indicated that the meter was reading high by 2.03%. The meter data for the month of June was adjusted downward by 1.225% which is the average of the June meter certification and the July meter verification.

The meter certification conducted on June 1, 2015 at the Princeton Forrestal Meter Chamber indicated that the meter was reading high by 0.95%. The meter verification conducted on July 1, 2015 indicated that the meter was reading high by 3.30%. The meter data for the month of June was adjusted down by 2.125% which is the average of the June meter certification and the July meter verification.

Mr. Kantorek indicated that many years ago the Authority had set a policy that all SBRSA meters that are out of calibration by more than $\pm 2\%$ be adjusted. Mr. Kantorek indicated that this may create more problems with the meter than the policy had intended.

Chairman Bartolini recommended that staff present to the Board a proposal for an alternative to the 2% adjustment for discussion at a future meeting. Staff agreed.

523.05 Approval Requests and Actions

TWA-1 Approvals

None.

Time Extensions

None.

NJPDES Enforcement Requested

None.

Water Quality Management Plan Amendments

None.

523.06 Regulatory Report

Discharge Monitoring Report (DMR)

Ms. Pchola reported that the Discharge Monitoring Reports for the month of June were submitted to NJDEP. No violations were reported at any of the three plants.

Ms. Pchola indicated that the quarterly bioassay for the River Road facility was conducted in June and was submitted to NJDEP on June 30, 2015. The result was >100%.

Residual Discharge Monitoring Report (RDMR)

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

Ms. Pchola noted that staff is in the process of reviewing the May 2015 RDMR.

Air Reporting

Ms. Pchola reported that the 2nd quarter 2015 Excess Emissions and Monitoring Performance Report was submitted to NJDEP.

Ms. Pchola indicated that the federal 40 CFR 60 Subpart O Semi-annual Report for the incinerators was submitted to the EPA and the NJDEP.

Ms. Pchola reported that staff is in the process of preparing the Semi-annual Title V Compliance reports.

Laboratory

Ms. Pchola indicated that staff has prepared and mailed the response to the NJDEP - Office of Quality Assurance (OQA) on-site audit report. A copy of the letters were provided to the Board.

Miscellaneous

Ms. Pchola reported that the River Road semi-annual Phosphorus Compliance Report was submitted to NJDEP. A copy of the report was provided to the Board.

Ms. Pchola indicated that the renewal application for grit and screenings waste disposal (2015-2016) was submitted and approved by Waste Management of Pennsylvania on June 25, 2015.

Ms. Pchola reported that the NJDEP Air Enforcement was on site June 19, 2015 to review the Authority's monitoring records for the Title V permit. Ms. Pchola indicated that staff received an email on July 27, 2015 from NJDEP indicating two areas of concern: the bypass damper report and maintenance reporting for the hypochlorite scrubbers. Ms. Pchola indicated that the requested information was forwarded to the NJDEP July 27, 2015.

523.07 Safety

Mr. Irizarry reported that there were no lost time accidents/injuries for this reporting period.

Mr. Irizarry noted that as of July 15, 2015 Stony Brook Regional Sewerage Authority has gone 1406 consecutive days without a "Lost Time Accident".

Mr. Irizarry reported that on May 4, 2015 the Joint Insurance Fund (JIF) conducted a limited inspection at the River Road Facility. On the report JIF indicated that the Authority must have a third party conduct an inspection of its climbing safety devices annually. Staff has scheduled the inspection.

Mr. Irizarry indicated that staff held its quarterly safety meeting on June 23, 2015. A copy of the minutes from that meeting were provided to the Board.

Mr. Irizarry reported that on June 23rd and 24th SBRSA's annual hoist and crane inspection was conducted. During the inspection the hoist located at the incinerator dock area was found to be defective. The wire rope was damaged and needed to be replaced. This hoist is currently being used by Centerpoint for the scrubber project and Albertus for work being performed on incinerator #1. Staff had the hoist repaired on June 29, 2015.

Mr. Irizarry noted that on June 26, 2015 the annual fire hydrant and sprinkler inspection was conducted. Staff is waiting to receive the report.

Mr. Irizarry reported that the 2014 Right to Know (RTK) survey was submitted to all required agencies.

Training for this reporting period included:

- HAZCOM Right-to- Know walk-through and workplace safety training for two new employees was conducted by staff.

523.08 Litigation

The Litigation Report was provided for information.

Mr. Falcon indicated that there were no changes this month to the Litigation Report.

523.09 Operations Report

River Road Facility

Mr. Kunert reported that mechanical screen #2 at the headworks facility is inoperable and out of service due to a problem with the grinder/auger. The instrumentation department worked with a company representative for Franklin Miller in an effort to troubleshoot the problem. It appears that the wires from the MCC room leading to the auger, which sits below the grinder, need to be replaced. Staff is in the process of obtaining quotes for this work.

Mr. Kunert indicated that Nitrification Clarifier #4 was taken off line, cleaned, inspected and placed back into service.

Mr. Kunert noted that Incinerator #1 repairs, which are being performed by Albertus Energy, are ongoing. It is anticipated that these repairs will be complete by the end of July or the beginning of August.

Mr. Kunert reported that staff removed two loads of grease from the thickener scumwell. The grease was hauled to Gloucester County M.U.A. for disposal.

Mr. Kunert indicated that on June 26, 2015 the Incinerator was shut down and the Authority went on emergency power for approximately one hour. This is required by PJM in order to be in the Emergency Demand Response Program. Staff is waiting for the results of this load shedding test.

Upstream Facilities

Mr. Kunert indicated that at the Hopewell STP the installation of the new chemical feed equipment to accommodate 15% sodium hypochlorite is approximately 90% complete.

Mr. Kunert noted that staff is in the process of restocking all of the clarifiers at the Pennington STP and Hopewell STP with goldfish. This is being done in preparation of the annual water flea outbreak.

Odor Report

Staff received no odor Complaints from our surrounding area during the month of June. One odor complaint was received for the partial month of July.

Customer Septage and Sludge Deliveries

The quantity of liquid sludge and sludge cake exceeded their budgeted amounts for the month of June. The quantity of grey water was below its budgeted amount.

523.10 Maintenance

Mr. Ireland reported that on June 17, 2015 Marshall Maintenance was on site to overhaul the Operations Building second floor Air Conditioning Unit due to poor performance and many refrigerant leaks. The overhaul consisted of replacing the existing condensing unit, evaporator and converting the refrigerant from R22 to R410a which is a more environmentally friendly and efficient refrigerant. The unit was tested and placed back into service on June 22, 2015.

Mr. Ireland indicated that on June 24, 2015 M.A. Clarifier #2 was taken offline because the skimming mechanism that removes floatables from the tank was malfunctioning. The skimmer was removed and rebuilt in house, reinstalled and tested.

Mr. Ireland reported that on July 5, 2015 the motor for Nitrification Clarifier #1 Sludge Collector failed and was replaced with a new motor from inventory. The collector was tested and placed back into service.

Mr. Ireland indicated that on July 15, 2015 Schwing Pump #2 was taken out of service to replace the screw conveyor gear box because of failed bearings on the input gears. Once the Gear Box was installed, the unit was tested and placed back in service.

Mr. Ireland reported that on July 17, 2015 MCC – E1 Transformer for Control Panels A1 and A2 failed. This transformer is located in the Operations Basement and provides control voltage for various incineration equipment, instrumentation and other related equipment located in the Operations Basement.

Mr. Ireland explained that A.C. Scott was called in to remove the failed transformer and install a new 75kva transformer. The installation was completed early Saturday morning on July 18th and power was restored. This transformers are original to the plant. Staff is in the process of obtaining an outside vendor to inspect the condition of all of the Authority's transformers.

Mr. Ireland indicated that on July 17, 2015 MPulse completed their five day Maintenance Management Software training session to Managers, Maintenance and Operator personal. Staff will begin adding work orders to the new operating system beginning Monday July 20th and continue to remove data from the existing Superbase system and import it to the MPulse

system. There is still much work that needs to be completed before the system is fully operational.

The number of open work requests stand at ten (10). The Preventive Maintenance graphs show that SBRSA is currently averaging four (4) days overdue and the number of overdue units is approximately forty-five (45).

523.11 Construction Report

Upstream Facilities Process Evaluation/Planning Study

Ms. Pchola indicated that Kleinfelder submitted the Wastewater Characterization Technical Memorandum on July 13, 2015. Staff is currently reviewing this document.

2015 Annual Inspection

Ms. Pchola reported that Kleinfelder is expected to submit the draft report by the end of July.

Odor Sampling/Evaluation

Ms. Pchola indicated that the odor sampling and evaluation has been scheduled for August 17 and 18, 2015.

EMA Annual Advice

Ms. Pchola reported that EMA's IT Manager Mr. Bob Reilly was on site on June 29th through July 2nd. The first task was to get an overview of our "IT System" and gather data to produce a comprehensive "map" of our existing system with the assistance of SBRSA's Assistant IT Manager. Mr. Riley also presented a workshop on IT Governance for select management staff. A tentative schedule for on-site work was provided to the Board. Mr. Riley is tentatively scheduled to attend the September 28th Board Meeting.

Week	Onsite Dates
Week 1	June 29-July 2
Week 2	July 22 - 24
Week 3	August 3-6
Week 4	August 17-20
Week 5	Sep 7-10
Week 6	Sep 28-Oct 1
Week 7	Oct 12-15
Week 8	Oct 26-29
Week 9	Nov 9-12
Week 10	Nov-30-Dec 3
Week 11	Dec 7-10
Week 12	Dec 21-23

Contract 15-3 Ash Handling System Improvements

Ms. Pchola reported that the project was advertised on July 21, 2015. A pre-bid meeting is scheduled for July 29, 2015. The bid opening is August 19, 2015 and the project is expected to be awarded at the August 2015 Authority Board meeting.

Contract 10-1 Headworks Project

Ms. Pchola indicated that there has been no change to the status of this project this month. Staff prepared a draft letter to Tomar regarding the project closeout and lack of response to our April 2015 response letter. The letter is currently under review by staff.

Contract 14-1 SBRSA Emergency Generator Project

Ms. Pchola reported that Thomas Controls Inc. (TCI) continues to submit shop drawings for equipment and materials. On June 25, 2015 SBRSA, Kleinfelder, AECOM, and TCI met with officials from the Princeton Construction Department to review the building permit application. Questions posed by Princeton were answered and TCI received clarification on what was expected for the re-submittal. On July 20, 2015 TCI re-submitted their permit application. The re-submittal of the building permit applications for the two pump stations will be completed once the shop drawings for the two generators are approved. Both West Windsor Township (Millstone PS) and South Brunswick Township (S. Brunswick PS) require the shop drawing for the generator be provided as part of the permit application.

Ms. Pchola noted that Mr. Bixby was able to find another vendor to provide a quote for the installation of the shear coupling for the existing River Road turbine generator. Mechanical Dynamics and Analysis of Latham, New York will be on-site July 30, 2015 to inspect the generator.

Contract 14-6 Wireless Fire Alarm Communication System

Ms. Pchola indicated that Meridian Property Services has completed the installation of all equipment and the wireless equipment vendor, System Sales Corp. has completed the start-up and testing of the system. On July 20, 2015 training was held on the new system and all punch list items have been completed.

Ms. Pchola noted that there is a communication issue between River Road WWTP and the central station. System Sales is working on resolving this problem.

Contract 15-1 Scrubber Procurement

Ms. Pchola reported that EnviroCare was on-site July 8th and 9th to inspect the installation of the first unit and provide guidance to the contractor. The ECI representative attended the weekly project progress meeting and stated that the install was proceeding well and provided

guidance on things to watch for such as critical dimensions and alignment of certain components as the installation continues.

Contract 15-2, Scrubber Installation

Ms. Pchola reported that as of Pay Estimate No. 3 this project is approximately 17% complete. Over the past reporting period Centerpoint Associates, Inc. (CPA) completed the installation of all the quench and scrubber sections for Scrubber No. 1, met with the representative of ECI to review installation procedures, completed the welding of the quench sections, began welding the scrubber sections together, began the installation of the high pressure scrubber water supply line, and roughed-in all conduits from existing electrical equipment to various field locations.

Ms. Pchola indicated that during the installation of the scrubber sections, two fabrication issues arose involving; 1) the alignment of internal components of the Venturi section and 2) the outside joint between two of the scrubber sections. ECI was consulted and provided resolutions to both issues.

Ms. Pchola explained that to resolve the first issue, ECI will provide new components that will be field installed to correct the alignment of the internal components in the Venturi section. The resolution to the second issue will be to field modify the seam where the two sections meet. Since the additional work has been caused by fabrication errors with the equipment, ECI will contract directly with the Contractor, Centerpoint Associates. The additional work will not be billed against the installation contract.

Ms. Pchola reported that during the installation of the quench section for the scrubber it was discovered that the support columns for the quench section were too long. The supports were fabricated based on dimensions from the contract drawings which were different from actual field conditions. The contractor was asked to provide a proposal (Change Order No. 2) to have the support columns shortened by 2-inches. A copy of Change Order No. 2 was provided to the Board.

Ms. Pchola indicated that Centerpoint provided a proposal of \$968 to shorten the support columns for both quench units. Due to the tight timeline for the project and the need to stay on track, Centerpoint was authorized to complete the modifications.

Staff recommended approval of Resolution 2015-40, Authorizing the Approval of Change Order No. 2 (Centerpoint Associates Inc.) to Provide Fabrication Services to Modify Six (6) Scrubber Quench Section Support Columns for Contract 15-2 in the amount of \$968. So moved by Dr. Downey, seconded by Mr. Goldfarb and passed by a roll call vote of 5 to 0. Resolution 2015-40 follows.

Resolution Authorizing the Approval of Change Order No. 2 to Provide Fabrication Services to Modify Six (6) Scrubber Quench Section Support Columns for Contract 15-2

Resolution No. 2015-40

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 provide fabrication services to modify six (6) scrubber quench section support columns; and

WHEREAS, the abovementioned changes to Contract 15-2 are incorporated within the July 27, 2015 Contract Change Order #2 document in the amount of \$968.00 resulting in an adjusted contract of \$1,576,855.04; and

WHEREAS, the contract completion date for the project shall remain unchanged as a result of Change Order No. 2; 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 #2 with Centerpoint Associates, Inc. in the amount of \$968.00 resulting in an adjusted contract amount of \$1,576,855.04.
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:	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			

Instrument Air Compressor Replacement

Ms. Pchola reported that over the past month AECOM and SBRSA staff have been discussing compressor sizing and other design issues. All issues have been resolved and AECOM is in the process of developing the design and bid documents.

MA Effluent Channel Mixers

Ms. Pchola indicated that Kleinfelder has started the preliminary design work and has requested additional information on actual field conditions. SBRSA provided Kleinfelder with the requested information.

Pavement Replacement

Ms. Pchola indicated that staff has contacted R.T. Barrett and they have indicated that the paving work to the entrance of the South Brunswick Pumping Station will be completed sometime in late July 2015.

Process Control/SCADA

Ms. Pchola indicated that preventative maintenance was completed for all field devices and process control loops. The monthly flow meter verification was conducted by staff on July 1, 2015.

Ms. Pchola noted that staff has begun the process of obtaining approval from the NJDEP Bureau of Technical Services (BTS), to replace the two (2) CO analyzers. Quotation requests were sent to two air emission testing firms to draft the Performance Specification Test (PST) protocol that will be submitted to the BTS for approval and the completion of the certification of the new analyzers after they have been installed. Once approval of the protocol has been received from the BTS, SBRSA can move forward with the purchase of the new analyzers.

Plant Influent Flow Meter

Ms. Pchola reported that the high range flow meter has been installed/calibrated and we will start collecting data from that meter for flows over 20 mgd. SBRSA instrumentation technicians have been experiencing intermittent problems communicating with the two flow meters. On July 23, 2015 a representative of the flow meter manufacturer, Rosemount, was on-site to assist our technicians with communications and review the installation of the two flow meters.

Information Technology

Mr. Hess reported that The River Road SCADA upgrade screen development is 99% complete. Staff is currently debugging and refining command scripts while waiting for new hardware to deploy the upgrade. Staff should begin the upstream screen development by August 1st.

Mr. Hess noted that three new finger print scanners for union employee punch-ins/outs were installed and configured with one for each of our three treatment plants.

Mr. Hess indicated that a new Windows 2012 virtual server has been set up in preparation for the finance software upgrade.

Mr. Hess reported that staff continues to work with EMA on our IT system.

523.12 Finance Report

Payment of Bills and Claims

Mr. Neuhof recommended approval of Resolution 2015-42, for the payment of bills and claims in the amount of \$1,259,886.38 with two signatures instead of three. So moved by Mr. Patel, seconded by Dr. Downey and passed by a roll call vote of 5 to 0. Resolution 2015-42 follows.

Resolution Regarding Payment of Bills and Claims

Resolution No. 2015-42

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 \$1,259,886.38 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 seven-month period ending June 30, 2015 is \$682,044. This represents an increase of \$131,660 over the prior period. The Authority has total cash and investments of \$19,238,479 at an average interest rate of 0.20%. The current

construction projects balance is \$18,873,408. Mr. Neuhof noted there are sufficient funds for these projects. The outstanding bond principal balance remains at \$24,333,859. The New Jersey Cash Management Fund yield is 0.07%.

Monthly Sludge Business Analysis

Mr. Neuhof reported that net income for the month of June is \$104,792 and the cumulative net income is \$1,028,406. Gas usage for the month of June was 88,916 therms. The remaining simple payback for the RTO project is 2.20 years. Mr. Neuhof noted that a decimal place was added to the payback for the RTO project to show progress. Mr. Kantorek explained that due to favorable natural gas rates the payback period is longer. Mr. Kantorek also noted that more therms were used in the month of June due to the RATA testing that took place.

Chairman Bartolini requested that a chart/graph for the Solar Project be included in the Finance Section, showing the comparison of the cost savings for electricity utilizing solar power versus the cost of electricity supplied by PSE&G. Staff agreed.

Mr. Kantorek indicated that once the project is completed a television screen will be in the Conference Room providing up to date statistics utilizing solar power including cost savings.

523.13 Personnel Report

The Personnel Report was provided for member information.

Mr. Kantorek noted that the second new Operator VI began work on July 6, 2015. Mr. Kantorek indicated that the Authority has scheduled two interviews over the next several weeks for the Mechanic III position.

Mr. Goldfarb asked if any women have applied for an Operator position. In the past a few women had been hired however, they chose not to accept/remain in the Operator position. A brief discussion took place regarding reaching out to various venues for hiring.

523.14 Correspondence

For information.

523.16 New Business

Award of Contracts

Resolution 2015-41, Awarding Contract for the Supply of Magnesium Hydroxide

Mr. Kunert reported that sealed bids for the supply of Magnesium Hydroxide were received on July 15, 2015. The last time the Authority went out to bid staff compared the evaluated bid prices based on a usage of 420 tons per year. Because usage has increased this bid was for 500 dry tons per year. One bid was received and the results are as follows:

	<u>12 Month Contract</u> Unit cost / Total	<u>24 Month Contract</u> Unit cost / Total
Premier Chemicals LLC	\$568.42/ton / \$284,210.00	\$582.19/ton / \$291,095.00(Yr.1) \$582.19/ton / \$291,095.00 (Yr.2)
TOTAL	=	\$582,190.00

A brief discussion took place regarding the receipt of only one bidder.

Mr. Kunert indicated that the last contract was a two-year contract awarded to Premier Chemicals LLC, at a unit cost of \$524.55/ton for the first year and \$524.55 for the second year for a two year contract total of \$440,622.00

Mr. Kunert recommended approval of Resolution 2015-41, Award of Contract for the Supply of Magnesium Hydroxide for a one year period to the sole responsive bidder, Premier Chemicals LLC in the amount of \$284,210. So moved by Dr. Downey, seconded by Mr. Patel and passed by a roll call vote of 5 to 0. Resolution 2015-41 follows.

**Resolution Awarding Contract for the
Supply of Magnesium Hydroxide**

Resolution 2015-41

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 sole bid was received by the Authority on July 15, 2015, as more fully set forth as follows:

	<u>12-Month</u>	<u>24-Month</u>
Premier Chemicals LLC.	\$568.42/ton /\$284,210.00	\$582.19/ton/\$291,095.00 (Year1) \$582.19/ton/\$291,095.00 (Year 2)
		TOTAL = \$582,190.00

and,

WHEREAS, the Authority has determined that the bid of Premier Chemicals LLC is the lowest responsive bid; and

WHEREAS, the bidder, Premier Chemical LLC submitted a bid in the amount of \$568.42 per ton for a 12-month contract for a one year total of \$284,210.00, and \$582.19 per ton for the first and second year of a 24-month contract for a 2 year total of \$582,190.00; 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 12-month contract to Premier Chemicals LLC, the lowest responsive bidder for the supply of magnesium hydroxide in the estimated amount of \$284,210.00; 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:	<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 2015-43, Authorizing the Award of a “No Political Contributions Allowed” Contract for the Removal of Grease from the Millstone Pumping Station

Mr. Kunert reported that staff received three quotes for the removal of surface grease from the wetwell of the Millstone Pumping Station. The objective of this task is to remove as much grease as possible to give a diver access to the submerged gate which needs to be closed to isolate the two wetwells. An opening was cut in the top of the wetwell, approximately 4 feet by 6 feet, to enable a vacuum truck to work. By raising the water level in the wetwell the grease will rise through the opening for removal. Once that grease is removed, the wetwell will be lowered in order for more grease to move toward the opening. This procedure will be repeated until enough material is removed.

Mr. Kunert indicated that each vendor visited the station and was provided an explanation of the job. The vendors based their quotes on what they believed they needed to accomplish this task. Two vendors quoted the disposal of the material by the ton while the third vendor quoted disposal by the gallon. Both vendors that quoted by the ton used 25 cubic yard vacuum boxes that will hold the material. The vendor that quoted by the gallon is using a 2,500 gallon vacor truck to remove the material then transfer two loads into a 5,000 gallon vac truck which will then be hauled away for disposal. In order to compare the quotes (weight versus volume) the weight of water was used. This seemed reasonable since a 25 yard container holds just over 5,000 gallons, the same as the vac truck. The labor and equipment rates are based on an eight (8) hour day. The results of the quotes are as follows:

	<u>Labor and Equipment</u>	<u>Disposal</u>	<u>Total Each Day</u>
Russell Reid	\$7,175.00	\$4,210.00	\$11,385.00
Spectraserv, Inc.	\$6,800.00	\$3263.00	\$10,063.00
Accurate Waste	\$2,875.00	\$1,350.00	\$4,125.00

Mr. Kunert explained that the Authority has never attempted this task before; therefore, a judgement call had to be made as to the number of days needed to accomplish staff's goal. It was staff's intent to begin this job on July 28th but this work has been rescheduled due to the extremely hot weather. Staff wants to complete three (3) consecutive days of work then make an assessment to determine if additional days need to be scheduled, if necessary; but not exceed a lump sum total of \$40,000.00. This will allow approximately eight (8) to nine (9) days in total, if needed.

A brief discussion took place regarding the municipalities' responsibility to reduce the amount of grease in the system. Mr. Kunert noted that Pennington Borough passed an ordinance to deal with the grease issue.

Mr. Kunert recommended approval of Resolution 2015-43. Authorizing the Award of a "No Political Contributions Allowed" Contract for the Removal of Grease from the Millstone Pumping Station to Accurate Waste at a rate of \$4,125 per day including the disposal of 5,000 gallons per day. So moved by Dr. Downey, seconded by Mr. Patel and passed by a roll call vote of 5 to 0. Resolution 2015-43 follows.

**Resolution Authorizing the Award of a "No Political Contributions Allowed" Contract
for
The Removal of Grease from the Millstone Pumping Station**

Resolution No. 2015-43

WHEREAS, the Stony Brook Regional Sewerage Authority has a need to remove grease and other floating debris from the Millstone Pumping Station as a no political

contributions allowed contract pursuant to the provisions of N.J.S.A. 19:44A-20.4 or 20.5 as appropriate; and,

WHEREAS, the purchasing agent Stuart Neuhof has determined and certified in writing that the value of this contract (by purchase order) may exceed \$17,500 but be less than the bid threshold of \$40,000; and,

WHEREAS, the anticipated term of this contract is for fiscal year 2015; and,

WHEREAS, three quotes have been received and compared as described in the recommendation letter dated July 21, 2015 from Robert Kunert to John Kantorek attached hereto and made a part hereof; and

WHEREAS, Accurate Waste provided the lowest quote at a daily rate of \$4,125.00 which includes disposal of approximately 5,000 gallons per day; and

WHEREAS, Accurate Waste has completed and submitted a Business Entity Disclosure Certification on July 16, 2015 which certifies that Accurate Waste 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 Accurate Waste from making any reportable contributions through the term of the contract; and

WHEREAS, in compliance with the provisions of N.J.S.A. 19:44A-20.26 Accurate Waste and the Stony Brook Regional Sewerage Authority shall enter into a contract by purchase order on or after July 28, 2015 (10 days following receipt of the Business Entity Disclosure Certification) and

WHEREAS, the Authority has Funds available in the 2015 operating budget.

NOW THEREFORE, BE IT RESOLVED that the Stony Brook Regional Sewerage Authority shall enter into a contract by purchase order with Accurate Waste; and,

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

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			

523.18 Adjournment

As there was no further business to come before the Board, the meeting was adjourned at 8:44 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
August 11, 2015