

Minutes of Meeting #516 December 15, 2014 – 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, Cespedes, Hess, Ireland, Kantorek, Kunert, Pchola, Rahimi, Redding

Public Hearing

The Public Hearing to receive comments regarding the Authority's proposed Rate Schedule for the receipt and treatment of outside liquid sludge, sludge cake, septage, gray water and special wastes in fiscal year 2015 was declared opened at 7:30 pm by Chairman Bartolini. A Certified Court Reporter was present to record the proceedings.

Mr. Kantorek indicated that the purpose of the Public Hearing was to present the 2015 Rate Schedule for liquid sludge, sludge cake, septage, gray water and special wastes, and to provide the public an opportunity to comment on the rates.

Mr. Kantorek noted that the rates for 2015 are all exactly the same as in 2014. From the Authority's analysis, the rates are reasonable and working well for the Authority. The prices for natural gas, which is the biggest cost component, have been stable. Mr. Kantorek noted that the RTO has decreased the usage of gas by approximately fifty (50) percent enabling the Authority to maintain its sludge rates.

Mr. Kantorek also explained that the Authority negotiates many of its contracts as allowed by the rate schedule. As indicated in the rate schedule, multiple year contracts and/or contracts in excess of the quantities indicated on the schedule can be negotiated. Mr. Kantorek indicated that most of the Authority's contracts are actually negotiated.

Chairman Bartolini then asked if there were any additional questions or comments from the public. As there were none, the Public Hearing was closed at 7:33 pm on a motion by Dr. Downey, seconded by Mr. Patel and passed by a unanimous vote.

2015 RATE SCHEDULE
ARTICLE I NOTICE OF PUBLIC HEARING

Notice is hereby given that a public hearing will be held by the STONY BROOK REGIONAL SEWERAGE AUTHORITY on Monday, December 15, 2014 at 7:30 PM in the Conference Room, Operations Building, 290 River Road, Princeton, NJ.

I. Liquid Sludge					
Percent Solids	ANNUAL COMMITTED VOLUME PER SOURCE:			Uncommitted Contract	
	Over 1 Million	0.5 - 0.99 Million	Up to 0.5 Million		
0.0% - 5.5%	\$ 54	\$ 62	\$72	\$ 82	
5.5% - 7.0%	\$ 72	\$ 82	\$ 87	\$102	

Notes:

- 1) All cost quotes are in dollars per 1000 gallons.
- 2) Effective Date and Terms of Revised Schedule:
These rates are in effect for calendar year 2015. See below additional discounts on longer-term contracts.
- 3) Discounted Items:
Deduct \$5/1000 gallons for Saturday and Sunday deliveries.
Deduct \$5/1000 gallons for all quantities delivered in excess of 3 million gallons during 2015.
Contracts through 12/31/16, \$2/1000 gallons off 2015 posted rate.
Contracts through 12/31/17, \$4/1000 gallons off 2016 posted rate.
- 4) Sludge which has volatile solids between 40 and 49.9% will be surcharged \$5/1000 gallons. Sludge below 40% volatile solids is not accepted.
- 5) All non-contract sludge will be processed on a C.O.D. basis.
- 6) For customers requesting to enter into contracts for committed volume in excess of 1.0 million gallons per year, and for a period of time in excess of one year, SBRSA may modify the above rates if, in its judgment, such modification is necessary to ensure the commitment of sufficient volume to utilize SBRSA's available sludge disposal capacity.

II. Sludge Cake	
	a. \$62/Cubic Yard (14 - 22% Solids) b. \$60/Cubic Yard (22.1 - 30% Solids) c. \$2/Cubic Yard discount for Saturday/Sunday deliveries
Note: Sludge Cake Rates are negotiable for annual commitments in excess of 1,000 cu yds.	

III. Septage	
Gallons	All gallons Billed at
0 - 200,000	\$62
200,000 - 400,000	61
400,000 - 800,000	59
800,000 - 1,200,000	57

Note: All cost quotes are in dollars per 1,000 gallons. Commitments in excess of 1.2 million gallons/year are negotiable.

IV. Gray Water	
	\$32
Note: All cost quotes are in dollars per 1,000 gallons. Commitments in excess of 1.0 million gallons/year are negotiable.	

V. Special Waste (Industrial Users)	
a.	Flow Charge is \$0.9/1000 gallons
b.	Site Remediation flow charge from landfill or groundwater remediation projects is \$1.80/1000 gallons

VI. High Strength User Surcharges:	
a.	Biochemical Oxygen Demand (over 300 mg/l) - Suspended for 2015.
b.	Total Suspended Solids (over 300 mg/l) - Suspended for 2015.
c.	Ammonia Nitrogen (over 40 mg/l) - Suspended for 2015.

SBRSA reserves the right to submit, direct or through haulers, sealed competitive bid prices as authorized by resolution.

Further information regarding this hearing may be obtained by contacting the Stony Brook Regional Sewerage Authority office (609) 924-8881.

John Kantorek,
Secretary

Chairman Bartolini opened the regularly scheduled Board meeting at 7:34 p.m.

516.01 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.

516.02 Approval of Minutes

Chairman Bartolini noted that the minutes from the November 17, 2014 Board meeting are not being presented tonight for approval. The November and December meeting minutes will be presented at the January Board meeting.

516.03 Board Related Activities

Resolution 2014-85, Designating the Official Newspaper of the Stony Brook Regional Sewerage Authority and Resolution 2014-86, Setting of the Regular Meeting Dates for Calendar Year 2015

Mr. Kantorek indicated that Resolution 2014-85 is for the designation of the official newspaper for the Authority. Mr. Kantorek explained that by State law, the Authority must, on an annual basis, designate two newspapers to receive advance notice of meetings and one official newspaper to advertise legal notices, bids etc.

Resolution 2014-86 for setting the regular meeting dates for the Authority in calendar year 2015 in accordance with the provisions of the Open Public Meetings Act was presented for approval.

Mr. Kantorek noted that the meetings are scheduled for the fourth Monday of each month except in May, November and December when the meetings will be held on the third Monday of the month due to holidays.

Mr. Kantorek recommended approval of Resolution 2014-85, Designating the Official Newspaper of the Stony Brook Regional Sewerage Authority and Resolution 2014-86, Setting Regular Meeting Dates for Calendar Year 2015 in Accordance with the Provisions of the Open Public Meetings Act. So moved by Dr. Downey, seconded by Mr. Goldfarb and passed by a roll call vote of 6 to 0. Resolutions 2014-85 and 2014-86 follow.

**Resolution Designating the Official Newspaper
of the
Stony Brook Regional Sewerage Authority**

Resolution No. 2014-85

WHEREAS, The Open Public Meetings Act, Chapter 231 of the Laws of 1975, and more specifically, N.J.S.A. 10:4-8, requires that all public bodies at least once a year shall designate two newspapers to receive advance notice of Public Meetings, one of which shall be designated the official newspaper;

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

1. The designated newspapers of the Authority are:
 - A. The Times of Trenton (Trenton Times)
 - B. Princeton Packet
2. The official newspaper of the Authority is The Times of Trenton (Trenton Times).
3. The Executive Director is authorized to:
 - A. Forward a copy of this Resolution to two newspapers, one of which shall be the official newspaper of the Authority.
4. This Resolution shall take effect as provided by law.

**A RESOLUTION SETTING REGULAR MEETING DATES FOR THE STONY
BROOK REGIONAL SEWERAGE AUTHORITY FOR CALENDAR YEAR 2015 IN
ACCORDANCE WITH THE PROVISIONS OF THE OPEN PUBLIC MEETINGS
ACT**

Resolution No. 2014-86

BE IT RESOLVED by the Stony Brook Regional Sewerage Authority:

1. That the regular meeting day of the Authority be held on the fourth Monday of each month, except in May, November and December when the meeting will be held on the third Monday of the month.
2. That the following dates are established as the regular meeting dates of the Stony Brook Regional Sewerage Authority in the calendar year 2015:

<u>DATE</u>	<u>TIME</u>	<u>LOCATION</u>
JANUARY 26, 2015	7:30 PM	SBRSA Offices, River Road
FEBRUARY 23, 2015	7:30 PM	SBRSA Offices, River Road
MARCH 23, 2015	7:30 PM	SBRSA Offices, River Road
APRIL 27, 2015	7:30 PM	SBRSA Offices, River Road
MAY 18, 2015	7:30 PM	SBRSA Offices, River Road
JUNE 22, 2015	7:30 PM	SBRSA Offices, River Road
JULY 27, 2015	7:30 PM	SBRSA Offices, River Road
AUGUST 24, 2015	7:30 PM	SBRSA Offices, River Road
SEPTEMBER 28, 2015	7:30 PM	SBRSA Offices, River Road
OCTOBER 26, 2015	7:30 PM	SBRSA Offices, River Road
NOVEMBER 16, 2015	7:30 PM	SBRSA Offices, River Road
DECEMBER 21, 2015	7:30 PM	SBRSA Offices, River Road

3. That for the purposes of public inspection, a copy of this Resolution shall be forthwith:
- (a) Posted on the Princeton Municipal Building bulletin board and remain so posted throughout 2015;
 - (b) Mailed to the Trenton Times, Princeton Packet, Central Post, Hopewell Valley News and Pennington Post;
 - (c) Posted on the Stony Brook Regional Sewerage Authority website www.sbrsa.org;
 - (d) Filed with the Clerks of Hopewell Borough, Hopewell Township, Pennington Borough, Princeton, South Brunswick Township and West Windsor Township;
 - (e) Mailed to those persons who have requested and paid any required charge for copies of the schedule and revision thereto, and shall be promptly mailed to those persons who shall hereafter make such request and prepay such charge by the Stony Brook Regional Sewerage Authority at their Board Meeting on December 15, 2014.

Recorded Vote:

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

Resolution 2014-87, Adopt the 2015 Rate Schedule

The 2015 Rate Schedule was approved as presented on a motion by Dr. Downey, seconded by Mr. Patel and passed by a roll call vote of 6 to 0. Resolution 2014-87 follows.

RESOLUTION TO ADOPT THE 2015 RATE SCHEDULE

Resolution No. 2014-87

WHEREAS, the Stony Brook Regional Sewerage Authority (hereinafter the Authority or SBRSA) is authorized by the Sewerage Authorities Law, and particularly N.J.S.A. 40:14A-7(11), to make and enforce rules and regulations for the management and regulation of its affairs and for the use, maintenance and operation of the sewerage system of the Authority, and to amend the same from time to time; and

WHEREAS, the Authority is authorized, when necessary and desirable, pursuant to N.J.S.A. 40:14A-8, to charge and collect rents, rates, fees or other charges in the nature of use or service charges, based or computed on various factors or on any combination of any such factors, and may give weight to the characteristics of the sewage and other wastes and any other special matter affecting the cost of treatment and disposal thereof, including chlorine deemed, biochemical oxygen deemed, concentration of solids and chemical composition [N.J.S.A. 40:14A-8(b)]; and

WHEREAS, the Authority desires to establish a Rate Schedule for 2015 so as to provide for the direct assessment and recovery of charges to Users discharging liquid sludge, sludge cake, septage, gray water, special wastes (Industrial Users) and high strength wastewater surcharges, as set forth in the 2015 Rate Schedule, attached hereto; and

WHEREAS, a notice of the 2015 Rate Schedule was published in accordance with the requirements of N.J.S.A. 40:14A-8, and public hearing held on December 15, 2014 at 7:30 PM, at the offices of the Authority, 290 River Road, Princeton, NJ, at which time the Authority solicited public comment on the proposed regulation.

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

1. The 2015 Rate Schedule, attached as Exhibit A hereto and made a part hereof, is hereby adopted. Any and all bills issued by the Authority by reason of this regulation shall be due and payable by the recipient within 30 days of the date thereof upon the failure of which the Authority shall be authorized to assess interest at the rate then in effect pursuant to N.J.S.A. 40:14A-21.
2. If any provision of this resolution or the application thereof to any person or circumstance is held invalid by a court of competent jurisdiction, such invalidity shall not affect any other provision of the resolution and to this end the provisions of this resolution are declared to be severable.

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 Goldfarb	X			
C. Schuyler Morehouse	X			
Bharat Patel	X			

Consultant List

The consultant list was provided for information. Mr. Kantorek indicated that one amendment is pending award tonight for the Emergency Generator Project for Design Services.

516.04 Planning and Administration

Mr. Kantorek reported that the most current 12-month average daily River Road plant flow is 9,459,517 gpd with 969,379 gpd of approved but inoperative flow for a total committed flow of 10,428,896 gpd with 2,631,104 gpd or 20.15% of available capacity. The most current 12-month average daily flow at the Hopewell Plant is 228,085 gpd with 1,200 gpd of inoperative flow, for a total committed flow of 229,285 gpd with 23.57% or 70,715 gpd of available capacity. The Pennington Plant presently has 251,300 gpd as the most current 12-month average daily flow, with 20,397 gpd of approved but inoperative flow, for a total committed flow of 271,697 gpd, with 9.43% or 28,303 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 noted that the 12-month average daily flows rose slightly from the previous month.

Monthly Flow Transmittal

The monthly flow transmittal for November was provided for information.

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

At the North Ridge Meter Station, the meter verification conducted on October 31, 2014 indicated that the meter was reading low by 0.18%. The meter certification conducted on December 3, 2014 indicated that the meter was reading low by 19.64%. Therefore the meter data from November 1st through November 30th was adjusted upward by 9.91% which is the average of the meter verification conducted on October 31st and the meter certification conducted on December 3rd.

Staff conducted a meter re-verification on December 4th and 11th and the meter was reading within the acceptable ±2%.

The meter verification conducted on October 31, 2014 at the Hopewell STP Influent indicated that the meter was reading low by 1.44%. The meter certification conducted on December 3, 2014 indicated that the meter was reading low by 4.83%. Therefore the meter data from November 1st through November 30th was adjusted upward by 3.135% which is the average of the meter verification conducted on October 31st and the meter certification conducted on December 3rd.

Staff noticed that on November 8th and 9th the meter at Princeton Farms was not operating in its typical on/off manner (during no rain events). Staff checked the meter on the morning of November 10th and found the meter to be within the ±2% accuracy. Staff contacted Hopewell Township on November 10th reporting the problem seen over the weekend. Hopewell Township went to the pump station and at that time the meter/flow was at zero indicating that if there had been an issue with the check valves backing flow into the wetwell the issue had cleared itself.

A review of the Hopewell Borough flow data on the 8th and 9th (which is calculated by subtracting the Princeton Farms meter data from the Hopewell STP influent meter data) indicated that the data was uncharacteristically low. Therefore the meter data from November 8th and 9th for Hopewell Borough was replaced with the average of the Hopewell Borough flow data from November 7th and 10th. The Princeton Farms flow data for those two days were calculated by subtracting the calculated Hopewell Borough flow from the Hopewell STP influent flow.

516.05 Approval Requests and Actions

TWA-1 Approvals

None.

Time Extensions

None.

NJPDES Endorsements Requested

None.

Water Quality Management Plan Amendments

None.

516.06 Regulatory Report

Discharge Monitoring Report (DMR)

Mr. Rahimi reported that the Discharge Monitoring Reports for the month of October were submitted to the NJDEP. No violations were reported.

Mr. Rahimi reported that staff is currently preparing the November DMRs.

Residuals Discharge Monitoring Report (RDMR)

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

Mr. Rahimi indicated that staff is currently preparing the October RDMR.

Air Reporting

Mr. Rahimi reported that staff received an email on November 10, 2014 that the public comment period for the major modification to the Title V Permit for the new natural gas emergency generator has been closed. The Preconstruction Approval for the project has been issued. A copy of the approval was provided to the Board.

Laboratory

Mr. Rahimi indicated that SBRSA's laboratory received a letter from the NJDEP Office of Quality Assurance (OQA) on November 26, 2014 with acceptable results regarding 2014 make-up PT study for Total Volatile Solids. A copy of the letter was provided to the Board.

Mr. Rahimi noted that SBRSA's laboratory received a letter from the NJDEP Office of Quality Assurance (OQA) on December 8, 2014 closing out the 2014 on-site audit. SBRSA's response and corrective actions were deemed acceptable. A copy of the letter was provided to the Board.

Mr. Goldfarb asked the status of the certifications for Hopewell and Pennington STPs laboratories. Mr. Rahimi indicated that SBRSA is still in the process of obtaining the laboratory certifications. Staff has obtained the proficiency tests for both facilities. Once the Proficiency Testing has been successfully completed, NJDEP will schedule an on-site audit of the upstream facilities.

516.07 Safety

Mr. Cespedes reported that there were no loss time accidents/injuries for this reporting period.

Mr. Cespedes indicated that as of December 3, 2014 Stony Brook Regional Sewerage Authority has gone **1183** consecutive days without a “Loss Time Accident”.

Mr. Cespedes reported that on November 18, 2014 a fire inspection was conducted at the Hopewell and Pennington Facilities. A copy of the report was provided to the Board. All issues on the order to correct list were addressed and the Fire Inspector will return on December 15, 2014 to verify.

Mr. Cespedes indicated that on December 8, 2014 a partial fire inspection was conducted at the River Road Facility. The areas inspected were the Disinfection Building, Maintenance Garage, the Welding Room located within the Operations Building and the Gasoline Tank. Staff is waiting for the inspectors report.

Mr. Cespedes noted that all training has been completed for 2014. A copy of the spreadsheet summarizing the training that was administered to staff in 2014 was provided to the Board.

516.08 Litigation

The Litigation Report was provided for information.

Hopewell NJPDES Permit Concerns

On November 7, 2014 NJDEP issued the final permit action (major modification) with respect to the final Copper limitation. The Copper limitation, and the sludge quality and quantity monitoring and conditions, have been removed.

Pennington NJPDES Permit Concerns

On November 7, 2014 NJDEP issued the final permit action (major modification) with respect to the final Arsenic and Copper limitations. The Arsenic and Copper limitations, and the sludge quality and quantity monitoring and conditions, have been removed.

516.09 Operations Report

River Road Facility

Mr. Kunert reported that the variable frequency drives have been installed on all three blowers and on one of the two grit washers at the Headworks facility. After experimenting with different speeds, it was found that the system works very well with the grit blowers running at 38% speed with the grit washer screw running at 40% speed. With the blowers running at a much slower speed it reduced the noise they made significantly eliminating the need for the costly noise reducing enclosures.

Mr. Kantorek noted that the amount of grit removed now has increased which in turn will increase the cost of hauling the grit. Mr. Goldfarb asked what happened with the grit prior to

the new removal system. Mr. Kantorek explained that the grit settled out with the sludge and was incinerated.

Mr. Kunert indicated that the Industrial Furnace Company is on site repairing Incinerator #2. The repair work should be complete by the December 19, 2014 at which time SBRSA will begin the incinerator dry out procedure. Staff intends to keep this incinerator off-line until the new bypass damper is installed in the beginning of January. It is now extremely difficult to manually open and close the damper.

Mr. Kunert noted that a new microscope with a camera and 24-inch monitor was purchased and installed in the Assistant Plant Manager's Office. This will be used to help train the operators in identifying different microorganisms relative to a healthy process versus a process that is heading toward trouble. The old microscope was moved to the Operations Office so that the operators have their own microscope to use for regular microscopic examinations.

Upstream Facilities

Mr. Kunert reported that the water flea (Daphnia) population at the Hopewell STP is still declining. The settling issue due to the abundance of filamentous bacteria is being brought under control. Staff has begun chlorinating the return sludge keeping the dosage at the bottom end of the recommended amount as to not upset the process by killing off the bacteria needed to nitrify. Changes have been made within the aeration tanks to add more oxygen where needed. In addition caustic has been added to help increase the pH of the aeration tank to aid in the growth of healthier floc forming organisms.

Odor Report

Staff received no odor complaints from the surrounding area during the month of November and no odor complaints during the partial December 2014 reporting period. To date the Authority has received two odor complaints this year.

Customer Septage and Sludge Deliveries

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

Dr. Downey asked if now that the Authority has the new aerators and a new grit removal system, will SBRSA begin to accept septage. Mr. Kunert explained the process issues SBRSA has experienced in the past with receipt of septage and indicated that he did not want to receive septage in the future.

The Board indicated that if the Authority does not plan on accepting septage in the future then there is no need to include it in the Customer Sludge and Gray Water Report and it should be eliminated from the Rate Schedule beginning in 2016. Mr. Kantorek stated that the issue of continuing to receive septage needs further evaluation.

516.10 Maintenance Report

Mr. Ireland reported that on November 12, 2014 Municipal Maintenance was on site to replace two twelve inch dewatering suction valves on Nitrification Return Pumps 2 and 3. Due to the age and condition of the valves they had become very difficult to operate.

Mr. Ireland indicated that on November 19, 2014 the manual air scour valves on all three filters at the Hopewell facility were replaced. It was suspected that the valves were leaking, affecting the operation of the filters.

Mr. Ireland reported that on November 20, 2014 Schwing Pump No. 6 was taken out of service to replace the gear box and conveyor screws. The key stock fell out of one of the screws causing excessive wear to both the screws and the gear box. This pump is used to convey dewatered sludge from one of the belt press's to the storage bin. The repair is complete and the pump is available for use.

The number of open work requests stands 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 nineteen (19).

516.11 Construction Report

Pennington STP Upgrade and Expansion/Upstream Permits

Ms. Pchola reported that both final upstream permits were received on December 3, 2014. The copper limit has been removed from both permits as well as arsenic from Pennington (there was no arsenic limit at Hopewell). However nitrates for both facilities remain, as well as total dissolved solids (TDS) at Pennington. Hopewell did not have a TDS limit. The only remaining issues are nitrates at Hopewell and nitrates and TDS at Pennington. SBRSA has previously applied for stays for these limits.

Ms. Pchola indicated that it is expected, based on information from DEP, that the proposed rule change for nitrates and TDS will be ready for public comment by February 2015. As reported previously the proposed rule for nitrates is based on a "tiered" system and whole effluent toxicity will be used as a surrogate for TDS.

Ms. Pchola noted that with receipt of the final permits and with DEP indicating that they are continuing to move forward with the rule change, staff feels very confident that the TDS limits will be removed and relatively confident that the nitrate limits will also be removed. Staff requested Kleinfelder provide SBRSA with a proposal for the upstream process evaluation for the January 2015 Board meeting.

2014 Annual Inspection

Ms. Pchola noted that staff received the 2014 Annual Inspection Report from Kleinfelder on December 4, 2014. This report will be made available at the January 2015 Board meeting.

Contract 15-2, Scrubber Installation

Ms. Pchola reported that CBE is continuing to prepare the contract documents for the installation of the new scrubber equipment and coordinating the effort with EnviroCare and SBRSA staff. Staff met with CBE and Kleinfelder on December 4, 2014 to review the water flow requirements (using final effluent water) for the new scrubbers and is currently working on a solution to provide the adequate water supply.

Contract 15-3, Ash Handling System Improvements

Ms. Pchola indicated that GHD has developed 30% concept drawings and alternatives. A meeting was held on December 10, 2014 between GHD and SBRSA to review the alternatives and finalize the design parameters for the ash handling system improvements. It is expected that this project will be ready for bid in March/April.

Contract 10-1, Headworks Project

Ms. Pchola reported that on November 12, 2104, staff received a memo from Tomar for a revised proposed joint repair for the influent junction chamber. A copy of the memo was provided to the Board. The repair procedure was reviewed by AECOM's structural engineer and Kleinfelder. As a result staff prepared a letter to Tomar. A copy of the letter was provided to the Board. Tomar will be on site December 15, 2014 to start the repair of the influent junction chamber. A copy of the email dated December 9, 2014 was provided to the Board.

Ms. Pchola indicated that the Engineering staff has completed the installation of the three (3) grit blower VFD's and one of two grit washer VFD's. On December 2, 2014 Operations placed into service one grit blower and one grit washer utilizing the VFD's. The speed of the grit blower and the grit washer screw were optimized and once optimized, grit production from the system improved substantially. Staff will complete the remaining grit washer VFD and modifications to the HMI control screens to provide the operators better control of the new system.

Contract 14-1, Facilities Emergency Generator Project

Ms. Pchola reported that Kleinfelder submitted an amendment request for additional task/scope items that were not included in their original scope of services. A copy of Kleinfelder's proposed amendment request dated December 10, 2014 was provided to the Board. The amendment request amount is \$13,210.

Ms. Pchola indicated that Kleinfelder also conducted the Emergency Generator Study and Preliminary Design. These projects were completed under the budgeted amount at a cost

savings to the Authority of \$44,760 which would result in a net decrease of \$31,550 if the amendment is approved. It should be noted that the Emergency Generator Study was a lump sum contract with remaining funds of \$16,870.

Staff recommended approval of Resolution 2014-84 approving Amendment No. 1 to the Emergency Generator Design contract in the amount of \$13,210. So moved by Dr. Downey, seconded by Mr. Goldfarb and passed by a roll call vote of 6 to 0. Resolution 2014-84 follows.

Resolution 2014-84 Authorizing Award of Amendment No. 1 to the Emergency Generator Design Contract

Resolution No. 2014-84

WHEREAS, Stony Brook Regional Sewerage Authority (SBRSA) has a current agreement with Kleinfelder to provide final design services for the Emergency Generator Project in the lump sum amount of \$368,740; and

WHEREAS, Kleinfelder at the request of SBRSA provided additional tasks/scope items that were not included in the original scope of services and as outlined in their amendment request letter dated December 10, 2014; and

WHEREAS, the additional scope items included in Kleinfelder's Amendment No.1 request results in an increase in the design fee of \$13,210; and

WHEREAS, Kleinfelder has completed the Emergency Generator Study and the Preliminary Design of the Emergency Generator under the approved budget amount by \$16,870 and \$27,890 respectively resulting in a cost savings to the Authority of \$44,760; and

WHEREAS, the amended time charge contract amount is \$381,950 and

WHEREAS, the Stony Brook Regional Sewerage Authority has funds available in its current budget.

NOW THEREFORE, BE IT RESOLVED that the Board of the Stony Brook Regional Sewerage Authority authorizes Amendment No.1 in the amount of \$13,210 for the Emergency Generator Project design as described herein.

Recorded Vote:

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

Ms. Pchola reported that the Emergency Generator project was advertised on November 5, 2014 and posted on the SBRSA website. The pre-bid site visit was held on November 14, 2014. Two Addendums were prepared for this Contract. The “receipt of bids” date was moved from December 9th to December 11th. Of the nineteen (19) Contract Documents distributed to potential bidders, eleven (11) bids were received ranging in price from \$3,400,000 to \$5,195,555 with the lowest bid from Thomas Controls, Inc. at a bid price of \$3,400,000. The Engineer’s estimated cost for the project was approximately \$6 million. All required information was submitted with the bid. The references were contacted and all responses were favorable.

Staff recommended approval of Resolution 2014-88, award of Contract 14-1 to Thomas Controls, Inc. in the amount of \$3,400,000 contingent upon approval of NJDEP. Since the project is being funded in part by the New Jersey Environmental Infrastructure Financing Program (NJEIFP), award of Contract 14-1 requires NJDEP approval. Staff is currently compiling all required information to be submitted to NJDEP. So moved by Dr. Downey and seconded by Mr. Goldfarb.

Following a discussion Resolution 2014-88 was passed by a roll call vote of 6 to 0. Resolution 2014-88 follows.

**Resolution Authorizing the Award
of Construction Contract 14-1
Emergency Generator Project to Thomas Controls, Inc.**

Resolution No. 2014-88

WHEREAS, the Stony Brook Regional Sewerage Authority (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 “Emergency Generator Project Contract 14-1”; and

WHEREAS, sealed competitive bids were received by the Authority on December 11, 2014, as more fully set forth as attached; and

WHEREAS, the Authority has determined that the bid of Thomas Controls, Inc. is the lowest bid in the amount of \$3,400,000; 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

WHEREAS, the bid received from Thomas Controls, Inc. has been reviewed by the Authority and has been determined to be in compliance with the bid specifications and in accordance with the Local Public Contracts Law N.J.S.A. 40A:11-1 et seq.; and

WHEREAS, the Authority has applied for and received funding from the New Jersey Environmental Infrastructure Trust; and

WHEREAS, the award of Contract 14-1 must be approved by the New Jersey Department of Environmental Protection as required by New Jersey Environmental Infrastructure Trust prior to Authority award; and

WHEREAS, all required bid documentation has been submitted to the New Jersey Department of Environmental Protection on December 12, 2014; and

NOW, THEREFORE, BE IT RESOLVED by the Stony Brook Regional Sewerage Authority and contingent upon approval by the New Jersey Department of Environmental Protection that it hereby awards the contract to Thomas Controls, Inc., the lowest responsive bidder; for the Emergency Generator Project Contract 14-1 in the amount of \$3,400,000; and

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

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

Contract 14-6, Wireless Fire Alarm Communication System

Ms. Pchola indicated that the project was advertised on November 6, 2014. A pre-bid site visit was conducted on November 20, 2014. Due to the short time frame between the site visit and the specified receipt of bids (December 10, 2014) staff decided to extend the bid date to December 30, 2014 through Addendum No. 1. The Princeton Fire Official previously extended our compliance date to March 2015. It is anticipated that an additional extension will be required.

Contract 15-1 Scrubber Procurement

Ms. Pchola reported that EnviroCare and CBE continue to coordinate on the design of the new scrubbers. EnviroCare will complete their internal review of the submittal package the week of December 15, 2014 and will forward the completed submittal following their internal review.

Pavement Replacement

Ms. Pchola explained that the paving work was scheduled for the week of December 8, 2014. Due to the forecasted Nor'easter the paving work was postponed. The contractor's schedule will prevent them from being able to repave the roadway prior to the asphalt plant closing on December 19, 2014. Arrangements have been made with the contractor to assist in maintaining the roadway with temporary measures until the paving work can be completed in the spring of 2015.

Contract 14-3 Incinerator Bypass Stack Damper Replacement

Ms. Pchola reported that on December 8, the contractor, Derstine Company contacted the damper manufacturer and was told that the dampers would be shipped the first week in January 2015 after originally being told that the dampers would ship the first week in December 2014. Derstine will work with the manufacturer to try to move up the ship date for the dampers

Contract 14-5 SBRSA Facilities Painting Project

Ms. Pchola reported that as indicated at the November meeting during the surface preparation at the Millstone Pump Station it was discovered that the existing coating system of the pumps and piping was in worse condition than initially thought and the total change order dollar amount to accomplish this work would be in excess of 20% of the original contract amount.

As a result staff deleted this work from existing Contract 14-5. Change Order No. 2 in the credit amount of \$4,150 is for the deletion of painting at the Millstone Pump Station. A copy of Change Order No. 2 was provided to the Board.

Staff recommended approval of Resolution 2014-89, for the Deletion of Work at the Millstone Pump Station from Contract 14-5 SBRSA Facilities Painting Project. So moved by Dr. Downey, seconded by Mr. Goldfarb and passed by a vote of 6 to 0. Resolution 2014-89 follows.

Resolution Authorizing the Approval of Change Order No. 2 for the Deletion of Painting the Millstone Pump Station Pumps and Piping from Contract 14-5

Resolution No. 2014-89

WHEREAS, on May 23, 2014, the Stony Brook Regional Sewerage Authority (SBRSA) issued a Notice to Bidders seeking the receipt of sealed public bids for the "SBRSA Facilities Painting Project, Contract 14-5"; and

WHEREAS, the SBRSA at its June 23, 2014 meeting awarded the SBRSA Facilities Painting Project, Contract 14-5 to JP Smith Contracting, Inc. (Smith) in the amount of \$44,500; and

WHEREAS, the SBRSA at its August 25, 2014 meeting approved Change Order #1 in the amount of \$2,875.00 resulting in an adjusted contract amount of \$47,375.00; and

WHEREAS, Contract 14-5 required the piping and pumps at the Millstone Pump Station to be pressure washed and top coat of paint touched up.; and

WHEREAS, additional unforeseen work which was not included in the original scope of work is required to complete the project related to the surface preparation and application of protective coatings to the pumps and piping at the Millstone Pump Station; and

WHEREAS, the JP Smith's, proposal of \$13,800 to complete the additional unforeseen work at the Millstone Pump Station exceeded the 20% maximum amount allowable by change order under the New Jersey Public Contract Law, N.J.A.C. 5:30-11.1 et seq.; and

WHEREAS, the portion of the remaining work at the Millstone Pump Station as part of the original contract will be deleted from the contract; and

WHEREAS, that the abovementioned changes to Contract 14-5 are incorporated in Contract 14-5 Change Order #2 in the credit amount of \$4,150.00 resulting in an adjusted contract of \$43,225.00; 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 current budget.

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 to JP Smith in the credit amount of \$4,150.00.
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

Ms. Pchola noted that staff has prepared and sent a request for quotes to conduct the painting at the Millstone Pump Station to three (3) painting contractors. The quotes are due by December 23, 2014.

Information Technology Assessment

Ms. Pchola reported that staff met with EMA, Inc on December 2, 2014 initially to discuss asset management systems. As a result of that meeting, staff indicated that we were also looking for an assessment of our information technology network. EMA had indicated that prior to implementing any asset management/maintenance management system that it was important to assess the current network system. Staff requested EMA to provide a proposal for an information technology assessment and recommendations. A copy of EMA's proposal dated December 5, 2014 to conduct the assessment was provided to the Board.

Dr. Downey indicated that this was discussed in the Construction Committee and this is a time charge contract.

Based on review of the proposal, staff recommended approval of this proposal through Resolution 2014-90. The "pay to play" forms were submitted on December 9, 2014 and therefore the contract will not be initiated until December 19, 2014. So moved by Dr. Downey, seconded by Mr. Compton and passed by a roll call vote of 6 to 0. Resolution 2014-90 follows.

**Resolution Authorizing the Award of a "No Political Contributions Allowed" Contract
to EMA, Inc. for the
Information Technology Assessment and Recommendation**

Resolution No. 2014-90

WHEREAS, the Stony Brook Regional Sewerage Authority (SBRSA) has a need to assess our Information Technology Network; and,

WHEREAS, EMA, Inc. has provided a proposal to conduct this work dated December 5, 2014; and

WHEREAS, the work will be conducted on a time charge not to exceed of \$30,000 without written approval from SBRSA; and

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

WHEREAS, the Stony Brook Regional Sewerage Authority will fund this project from retained earnings (2015 Small Capital Projects); and

WHEREAS, the Business Entity Disclosure Certification from EMA was received on December 9, 2014; and

WHEREAS, in compliance with the provisions of N.J.S.A. 19:44A-20.26 EMA Inc. and the Stony Brook Regional Sewerage Authority shall enter into a contract on December 19, 2014 (10 days following receipt of the Business Entity Disclosure Certification).

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

Recorded Vote:

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

Information Technology

Mr. Hess reported that staff is currently upgrading the Windows XP workstations to Windows 7. There are currently ten (10) computers out of twenty (20) still running on Windows XP.

Mr. Hess indicated that new screen development for the River Road SCADA upgrade continues with about sixty (60) percent of the screens completed. River Road SCADA includes the River Road Plant along with the pump stations and meter stations.

Mr. Hess explained that staff is in the process of migrating our SCADA licensing keys from hardware to a software solution. The software key solution will provide us with more flexibility in using and deploying the SCADA system in the future

516.12 Finance Report

Payment of Bills and Claims

Mr. Morehouse moved the approval of Resolution 2014-79, for the payment of bills and claims in the amount of \$1,159,483.50 with two signatures instead of three, seconded by Mr. Patel and passed by a roll call vote of 6 to 0. Resolution 2014-79 follows.

Resolution Regarding Payment of Bills and Claims

Resolution No. 2014-79

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 \$1,159,483.50 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

Ms. Redding reported that net income for the twelve-month period ending November 30, 2014 is \$1,442,821. This represents an increase of \$145,432 over the prior period. The Authority has total cash and investments of \$21,339,029 at an average interest rate of 0.19%. The current construction projects balance is \$14,043,561. Ms. Redding noted there are sufficient funds for these projects. The outstanding bond principal balance remains at \$21,416,043. The New Jersey Cash Management Fund yield is 0.06%.

Resolution 2014-80, Appointment of a Public Agency Compliance Officer

Ms. Redding reported that Resolution 2014-80 is to appoint a Public Agency Compliance Officer (PACO). This is necessary for the Authority to fulfill its Affirmative Action requirements.

Ms. Redding recommended that Madelene Karlowitsch be appointed as the Authority's PACO for 2015. So moved by Mr. Morehouse, seconded by Dr. Downey and passed by a roll call vote of 6 to 0. Resolution 2014-80 follows.

**RESOLUTION TO APPOINT A PUBLIC AGENCY
COMPLIANCE OFFICER**

Resolution No. 2014-80

BE IT RESOLVED, by the Stony Brook Regional Sewerage Authority that Madelene Karlowitsch be and is hereby appointed to serve as the Authority's Public Agency Compliance Officer (PACO) for the calendar year 2015 to fulfill the requirements of the Affirmative Action Office, Department of the Treasury of the State of New Jersey.

<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			

Resolution 2014-81, Adoption of a Cash Management Plan

Ms. Redding explained that Resolution 2014-81 is for the adoption of a Cash Management Plan. The Plan provides for the safety, liquidity and maximum investment return on the Authority's funds as allowed for by NJ Statutes and Regulations. Ms. Redding explained the Plan identifies the officials (Chairman, Treasurer, Chief Financial Officer, and Executive Director) authorized to deposit and invest funds; identifies the Designation of Depositories; states that funds will be deposited within forty-eight (48) hours of receipt; identifies Permitted Investments; and addresses Conflicts of Interest for fiscal year 2015.

Ms. Redding recommended approval of Resolution 2014-81, Adoption of a Cash Management Plan. So moved by Mr. Morehouse, seconded by Dr. Downey and passed by a roll call vote of 6 to 0. Resolution 2014-81 follows.

**RESOLUTION OF THE STONY BROOK REGIONAL SEWERAGE AUTHORITY
ADOPTING A CASH MANAGEMENT PLAN**

Resolution No. 2014-81

WHEREAS, N.J.S.A. 40A:5-14 requires that the governing body must approve, by a majority vote, an annual cash management plan;

NOW, THEREFORE, BE IT RESOLVED by the SBRSA that the Cash Management Plan, attached hereto, is hereby approved for the fiscal year ending November 30, 2015 and that the Chief Financial Officer is directed to implement said Cash Management Plan in accordance with all applicable statutes.

<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			

Resolution 2014-82, Award of Contract for Property Insurance

Mr. Kantorek explained that each year Mr. Harry Hall obtains quotes for the Authority's property insurance and makes his recommendation. The lowest quote from American Alternatives did not include flood insurance at the Millstone Pump Station which is within the 100 year flood zone A. Mr. Neuhof then contacted the New Jersey Utility Authorities Joint Insurance Fund (JIF) for a quote which also did not include flood insurance for the Millstone Pump Station.

Mr. Kantorek explained that the Authority has been a member of the JIF since 1992. Currently the Authority has all lines of coverage with the JIF except for Property Insurance. The quote received from the JIF is \$111,780 which is \$1,086 less than the lowest quote obtained by Mr. Hall.

Mr. Hall then informed Mr. Neuhof that American Alternatives would include flood insurance for the Millstone Pump Station at no additional cost however they will likely require SBRSA to move all lines of insurance coverage in 2016 to them.

Mr. Kantorek then reviewed the advantages of moving the Authority's property insurance and remaining with JIF. The Authority has received annual dividends ranging from \$25,000 to \$30,000 from the JIF. The inclusion of the property insurance should increase this dividend. The JIF also covers all underground piping. The Authority's current policy with Traveler's does not and American Alternatives covers piping within 1,000 feet of premises. The JIF provides extensive safety training classes and the per claim deductible is \$1,000 versus \$25,000 for the other proposals.

Mr. Kantorek then recommended approval of Resolution 2014-82, Award of Contract for Property Insurance to the New Jersey Utility Authorities Joint Insurance Fund in the amount of \$111,780. So moved by Dr. Downey, seconded by Mr. Patel and passed by a roll call vote of 6 to 0. Resolution 2014-82 follows.

Resolution Authorizing the Award of Contract for Property Insurance for the SBRSA

Resolution No. 2014-82

WHEREAS, the Stony Brook Regional Sewerage Authority (SBRSA) maintains policies of insurance and desires to maintain appropriate property insurance coverage and has received quotations from Borden Perlman Salisbury & Kelly Insurance Agency Inc. therefore; and

WHEREAS, for the reasons enumerated in the attached memo dated December 12, 2014, the Authority desires to award a contract for the provision of property insurance coverage to the New Jersey Utility Authorities Joint Insurance Fund; and

WHEREAS, N.J.S.A. 40:11-5(1)(m) authorizes the Authority to award contracts for insurance without public advertising for bids and bidding thereof; and

WHEREAS, the Authority has reviewed the Certification of Stuart Neuhofer dated December 12, 2014 herewith.

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

1. The Authority hereby approves and authorizes the Executive Director to acquire the aforesaid insurance policy.
2. The Authority hereby authorizes payment to the New Jersey Utility Authorities Joint Insurance Fund for the additional premium due in the amount of \$111,780 in order to obtain the property insurance policy.
3. The Executive Director shall cause a copy of the within Resolution to be published in an official newspaper of the Authority.
4. 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			

Resolution 2014-83, 2015 Participants' Estimated Charge

Ms. Redding indicated that Resolution 2014-83 is to establish the 2015 Participants' Estimated Charge. The estimated year-end figures are unaudited.

Mr. Kantorek indicated that the base charge is calculated on the previous five-year average and the project debt service adjustment is based on the seven-year average.

Mr. Morehouse asked if the Authority has ever calculated a per capita cost for each member municipalities. Mr. Kantorek indicated that the Authority has done this in the past for a survey for NACWA. Mr. Morehouse indicated that a copy of that survey be provided to the Board.

Ms. Redding recommended approval of Resolution 2014-83, 2015 Participants' Estimated Charge. So moved by Mr. Goldfarb, seconded by Dr. Downey and passed by a roll call vote of 6 to 0. Resolution 2014-83 follows.

2015 Participants' Estimated Charge Resolution

Resolution 2014-83

BE IT RESOLVED by the Stony Brook Regional Sewerage Authority on December 15, 2014:

1. Pursuant to Section 609(2) of the Bond Resolution, the Authority adopted an Annual Budget of Operating Expenses in the amount of \$14,795,402 for its fiscal year commencing December 1, 2014. A copy of the Annual Budget, as adopted, shall be promptly filed with the Trustee and the Consulting Engineer.
2. Pursuant to Section 406(B) of the Amended Service Contract, the Authority is required to estimate the "Net Annual Cost" for the ensuing fiscal year. For this purpose, "items of expense" are \$14,795,402; "items of receipt" are \$2,570,000. The "Net Annual Cost" which the Authority will use for computing the "Base Charge" is \$12,225,402.
3. Pursuant to Section 406(B) of the Amended Service Contract, the Authority, on or before December 20, is required to estimate the "Annual Charge" for each participant for the ensuing fiscal year. The "Annual Charge" is composed of (a) the "Base Charge" (b) the "Connecting Installment" and (c) the modified "Project Debt Service Adjustment". The "Connecting Installment" was included for the years 1984 to 1993 and no longer applies.
 - (a) The "Base Charge" is figured by allocating the "Net Annual Cost" among the participants in accordance with the Authority's estimate of each participant's expected proportion of actual flow for the ensuing fiscal year.
 - (l) The Authority hereby adopts the following percentages using flow estimates based on 5 years of average flow method as the allocation figures to be used for FYE 2015:

Princeton	33.922%
South Brunswick Township	39.168
West Windsor Township	22.738
Hopewell Borough	1.606
Pennington Borough	2.565

(2)(a) Applying these allocation percentages to the estimated "Net Annual Cost" produces the "Base Charge" component of the "Annual Charge" as shown below:

Princeton	\$4,147,101.97
South Brunswick Township	4,788,464.67
West Windsor Township	2,779,850.93
Hopewell Borough	196,378.88
Pennington Borough	<u>313,605.55</u>
TOTAL	<u>\$12,225,402.00</u>

- (b) The allocation factors, based on an average of flows from 2008 through 2014, (seven-year average) to be used for the computation of the "Project Debt Service Adjustment" are as follows:

Princeton	34.003%
South Brunswick Township	39.009
West Windsor Township	22.829
Hopewell Borough	1.602
Pennington Borough	2.558

- (c) The computation of the new modified "Project Debt Service Adjustment" produces the following figures:

Princeton	-348,959.36
South Brunswick Township	+127,063.76
West Windsor Township	+230,547.93
Hopewell Borough	+9,127.48
Pennington Borough	<u>-17,779.81</u>
TOTAL	<u>\$ 0.00</u>

Unless revised by the Authority the "Annual Charge" to the participants for the ensuing fiscal year will be:

	Base <u>Charge</u>	+	Project Debt <u>Service</u> <u>Adjustment</u>	=	Annual <u>Charge</u>
Princeton	\$4,147,101.97		-348,959.36		\$3,798,142.61
South Brunswick Township	4,788,464.67		+127,063.76		4,915,528.43
West Windsor Township	2,779,850.93		+230,547.93		3,010,398.86
Hopewell Borough	196,378.88		+9,127.48		205,506.36
Pennington Borough	<u>313,605.55</u>		<u>-17,779.81</u>		<u>295,825.74</u>
TOTAL	<u>\$12,225,402.00</u>		<u>0.00</u>		<u>\$12,225,402.00</u>

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

Monthly Sludge Business Analysis

Ms. Redding reported that net income for the month of November is \$124,541 and the cumulative net income is \$1,601,662. Gas usage for the month of November was 62,246 therms. The remaining simple payback for the RTO project is 2.5 years.

516.13 Personnel Report

The Personnel Report was provided for member information.

Mr. Kantorek noted that the Personnel Turnover Report for the year 2015 should reflect no terminations.

516.14 Correspondence

For information

516.15 Old Business

None.

516.16 New Business

Award of Contract for the Supply of Liquid Polymer

Mr. Kunert reported that sealed bids for the supply of liquid polymer were received on November 5, 2014. Two bids were received and the results are as follows:

	<u>12 MONTHS</u>	<u>24 MONTHS</u>
Coyne Chemical Co.	\$152,699.90 (\$1.2624/lb.)	\$152,699.90/\$1.2624/lb.(1st) \$152,699.90/\$1.2624/lb.(2nd) \$305,399.80 (2 Year Total)
SNF Polydyne Inc.	\$95,708.16 (\$0.93/lb.)	\$95,708.16/\$0.93/lb.(1st) \$95,708.16/\$0.93/lb.(2nd) \$191,416.32 (2 Year Total)

Resolution 2014-77 was tabled at the November Board meeting pending the results of the polymer analysis for silica.

The polymer samples were sent to an outside lab and analyzed for the presence of silica. Although the laboratory could not run a complete test they were able to provide a partial analysis. Based on the partial analysis, silica was non-detect. As a result of the analysis the bid can be awarded to the lowest bidder.

Mr. Kunert reported that sealed bids were received on November 4, 2014 for the supply of liquid polymer.

Mr. Kunert noted that the last contract, a two year contract, was awarded to Polydyne Inc. with a first year price of \$0.85/lb. and a second year price of \$0.88/lb. for a total two year bid price of \$113,432.62.

Mr. Kunert recommended approval of Resolution 2014-77, awarding a two year contract for the supply of polymer to Polydyne Inc. in the estimated total amount of \$191,416.32 at \$0.93/lb. for the first year, and \$0.93/lb. for the second year. So moved by Dr. Downey and seconded by Mr. Patel and passed by a roll call vote of 6 to 0. Resolution 2014-77 follows.

RESOLUTION AWARDING CONTRACT FOR THE SUPPLY OF POLYMER

Resolution No. **2014 - 77**

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 polymer; and

WHEREAS, the following sealed competitive bids were received by the Authority on November 5, 2014, as more fully set forth as follows:

	<u>12-Month Contract</u>	<u>24-Month Contract</u>
	Unit cost / Total	Unit cost / Total
Coyne Chemical Co.	\$152,699.90 (1.2624/lb)	\$152,699.90/1.2624/lb (1st)
.	.	\$152,699.90/1.2624/lb (2 nd)
		\$305,399.80 (2 Year Total)
SNF Polydyne Inc.	\$95,708.16 (\$0.93/lb)	\$95,708.16/\$0.93/lb (1st)
		\$95,708.16/\$0.93/lb (2nd)
		\$191,416.32 (2 year Total)

WHEREAS, the Authority has determined that the bid of SNF Polydyne Inc. is the lowest bid; and

WHEREAS, the bidder, SNF Polydyne Inc. submitted a bid in the amount of \$95,708.16 (\$0.93 per pound) for the first year and \$95,708.16 (\$0.93 per pound) for the second year with a two-year total of **\$191,416.32**; 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; and
NOW, THEREFORE, BE IT RESOLVED by the Stony Brook Regional Sewerage Authority that it hereby awards a 24-month contract to SNF Polydyne Inc. the lowest responsive bidder; for the supply of polymer in the estimated amount of **\$191,416.32**; and

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

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

516.17 Open to the Public such other issues as may come before the Board

None.

516.18 Adjournment

As there was no further business to come before the Board, the meeting was adjourned at 8:45 p.m. on a motion by Dr. Downey, seconded by Mr. Morehouse and passed by unanimous vote.

Respectfully Submitted,

John Kantorek
Secretary

Recorded and Written by
Patricia Carlino
January 7, 2015