Minutes of Meeting #528, December 21, 2015 – Stony Brook Regional Sewerage Authority

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

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

MEMBERS ABSENT:

CONSULTANTS: Alexander

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

Pchola, Rahimi, Redding, Roga

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 waste in fiscal year 2016 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 2016 Rate Schedule for liquid sludge, sludge cake, septage, gray water, special waste and high strength user charge and to provide the public an opportunity to comment on the rates.

Mr. Kantorek noted that the rates for 2016 are the same as in 2015. From the Authority's analysis, the rates are reasonable and are comparable to the current market 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.

Mr. Kantorek indicated that a discussion took place in the Construction Committee meeting regarding the reason why the Authority keeps the septage rates when we do not accept septage at this point in time. Mr. Kantorek explained that at any time things could change where the Authority would accept septage and therefore the need for the rate. If SBRSA did not have a rate for septage then we would not be able to accept septage until a rate was set. This could result in a missed opportunity for the Authority.

Chairman Bartolini asked for questions or comments from the Board and staff. Mr. Goldfarb asked if the Authority publishes the septage rate, does that require SBRSA to accept septage. Ms. Alexander responded that a contract is needed in order to accept septage. Mr. Goldfarb asked if a customer could say that you have a rate for septage therefore you must accept septage. Ms. Alexander noted that a customer cannot demand the Authority to accept septage and that a contract is needed.

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. Morehouse and passed by a unanimous vote.

2016 RATE SCHEDULE ARTICLE INOTICE OF PUBLIC HEARING

Notice is hereby given that a public hearing will be held by the STONY BROOK REGIONAL SEWERAGE AUTHORITY on Monday, December 21, 2015 at 7:30 PM in the Conference Room, Operations Building, 290 River Road, Princeton, NJ.

I.	Liquid Sludge		, •	,			
	Percent	ANNUAL (COMMITTED VOLUME	PER SOURCE:	Uncommitted		
	Solids	Over 1 Million	0.5 - 0.99 Million	Up to 0.5 Million	Contract		
	0.0% - 5.5%	\$ 54	\$ 62	\$72	\$ 82		
	5.5% - 7.0%	\$ 72	\$ 82	\$ 87	\$102		
	2) Effective	uotes are in dollars per Date and Terms of Rev es are in effect for calend	vised Schedule:	dditional discounts on longe	r-term contracts.		
	 These rates are in effect for calendar year 2016. 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 2016. Contracts through 12/31/17, \$2/1000 gallons off 2015 posted rate. Contracts through 12/31/18, \$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						
	200,000 400,000 800,000	- 200,000 - 400,000 - 800,000 - 1,200,000 otes are in dollars per 1,000	All gallons Billed at \$62 61 59 57 000 gallons. Commitments	in excess of 1.2 million gall	ons/year are		
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 (Indus	strial Users)					
		w Charge is \$0.9/1000 g Remediation flow charge		rater remediation projects is	\$1.80/1000 gallons		
VI.	b. Tota			nded for 2016. nded for 2016. Suspended for 2016.	·		

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.

528.01 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.

528.02 Approval of Minutes

Chairman Bartolini asked for comments and/or questions on the minutes of the November 16, 2015 Board meeting. Mr. Kantorek indicated that there is one correction to the minutes. On page 19, paragraph 3, line 1 the sentence reads "... that SBRSA and Tomar are further apart on a resolve." The sentence was changed to read "... that SBRSA and Tomar are further apart from a resolution." The minutes were then approved as amended on a motion by Dr. Downey, seconded by Mr. Compton and passed by a vote of 6 to 0.

528.03 Board Related Activities

Resolution 2015-77, Adoption of the 2016 Sludge Rate Schedule

The 2016 Rate Schedule was approved as presented on a motion by Dr. Downey, seconded by Mr. Goldfarb and passed by a roll call vote of 6 to 0. Resolution 2015-77 follows.

RESOLUTION TO ADOPT THE 2016 RATE SCHEDULE

Resolution No. 2015-77

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 demand, biochemical oxygen demand, 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 2016 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 2016 Rate Schedule, attached hereto; and

WHEREAS, a notice of the 2016 Rate Schedule was published in accordance with the requirements of N.J.S.A. 40:14A-8, and a public hearing was held on December 21, 2015 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 2016 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:

AYE	NO	ABSTAIN	ABSENT
Y			
X			
X			
X			
X			
X			
	X X X X X	X X X X X	X X X X X

Resolution 2015-78, Setting the Regular Meeting Dates for Calendar Year 2016

Mr. Kantorek indicated that Resolution 2015-78 sets the regular meeting dates for the Authority in calendar year 2016 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 November when it will be held on the second Monday, and June and December when the meetings will be held on the third Monday of the month.

Mr. Kantorek recommended approval of Resolution 2015-78, Setting the Regular Meeting Dates for Calendar Year 2016. So moved by Dr. Downey, seconded by Mr. Patel and passed by a roll call vote of 6 to 0. Resolution 2015-78 follows.

A RESOLUTION SETTING REGULAR MEETING DATES FOR THE STONY BROOK REGIONAL SEWERAGE AUTHORITY FOR CALENDAR YEAR 2016 IN ACCORDANCE WITH THE PROVISIONS OF THE OPEN PUBLIC MEETINGS ACT

Resolution No. 2015-78

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 November, when it will be held on the second Monday, and June 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 2016:

DATE	TIME	<u>LOCATION</u>
JANUARY 25, 2016	7:30 PM	SBRSA Offices, River Road
FEBRUARY 22, 2016	7:30 PM	SBRSA Offices, River Road
MARCH 28, 2016	7:30 PM	SBRSA Offices, River Road
APRIL 25, 2016	7:30 PM	SBRSA Offices, River Road
MAY 23, 2016	7:30 PM	SBRSA Offices, River Road
JUNE 20, 2016	7:30 PM	SBRSA Offices, River Road
JULY 25, 2016	7:30 PM	SBRSA Offices, River Road
AUGUST 22, 2016	7:30 PM	SBRSA Offices, River Road
SEPTEMBER 26, 2016	7:30 PM	SBRSA Offices, River Road
OCTOBER 24, 2016	7:30 PM	SBRSA Offices, River Road
NOVEMBER 14, 2016	7:30 PM	SBRSA Offices, River Road
DECEMBER 19, 2016	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 2016;
 - (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 21, 2015.

Recorded Vote:

	AYE	NO	ABSTAIN	ABSENT
Robert A. Bartolini Harry Compton Gale D. Downey David A. Goldfarb C. Schuyler Morehouse Bharat Patel	X X X X X X	NO	ADSTAIN	ADSERT
	11			

Resolution 2015-79, Designating the Official Newspaper

Mr. Kantorek indicated that Resolution 2015-79 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.

Mr. Kantorek recommended approval of Resolution 2015-79, Designating the Official Newspaper of the Stony Brook Regional Sewerage Authority. So moved by Dr. Downey, seconded by Mr. Goldfarb, and passed by a roll call vote of 6 to 0. Resolution 2015-79 follows.

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

Resolution No. 2015-79

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.

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			

Consultant List

The consultant list was provided for information. Mr. Kantorek indicated that one contract for 2016 Information Technology Support for EMA is pending award.

528.04 Planning and Administration

Mr. Kantorek reported that the most current 12-month average daily River Road plant flow is 8,955,337 gpd with 869,141 gpd of approved but inoperative flow for a total committed flow of 9,824,478 gpd with 3,235,522 gpd or 24.77% of available capacity. The most current 12-month average daily flow at the Hopewell Plant is 218,775 gpd with 1,200 gpd of inoperative flow, for a total committed flow of 219,975 gpd with 26.68% or 80,025 gpd of available capacity. The Pennington Plant presently has 241,870 gpd as the most current 12-month average daily flow, with 18,409 gpd of approved but inoperative flow, for a total committed flow of 260,279 gpd, with 13.24% or 39,721 gpd of available capacity. Mr. Kantorek noted that most of the inoperative flow total for the Pennington Plant is the unused portion of Bristol-Meyers Squibb approved flow.

Dr. Downey noted that the 1,200 gpd of inoperative flow at the Hopewell Plant is under construction and may be connected in a 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.

A review of the Princeton Pump Station hourly meter data from November 25th through November 30th indicated that there were periods of time when the meter was reading zero.

Typically the flow from North Ridge is approximately 10% of the Princeton Pump Station flow. The North Ridge average percent flow to the Princeton Pump Station flow from November 1st through November 24th was approximately 10.9%. Therefore the flow for the Princeton Pump Station from November 25th through the 30th was calculated using the average percent flow of the North Ridge Meter to the Princeton Pump Station flow.

Continued review of the hourly flow data into December indicated that the issue with the zero hourly flows continued. The SBRSA Instrumentation Technicians went to troubleshoot the meter on December 7th and determined that the low range meter was being bypassed and only the high range meter was recording data. Based on the range and configuration of the high range meter when the flows reached a specific low level the signal dropped to zero. The faulty instrumentation has been replaced. Based on review of the early morning hourly flow data on December 8th it appears that the issue has been resolved.

At Meter Station No. 7 the hourly flow data starting on November 19th at 3:00 p.m. and continuing through November 20th at 7:00 a.m., was reading a steady 0.5 mgd indicating an issue with the meter. The data for those two days was replaced with the average of November 18th and November 21st.

Due to the issue last month with the possibility of the check valves remaining partially open at Princeton Farms, staff reviewed the hourly data for low to zero flows. Typically on dry days at least once per hour the flows at the pump station are zero (the pump(s) at the Princeton Farms PS operate on an on/off cycle based on the wet well level). However on November 24th and 25th the minimum hourly flows rates were between 1,500 gpd to 26,000 gpd therefore indicating an issue with the valves and resulting in artificially higher flows at the pump station.

The flow for Hopewell Borough is calculated by subtracting the Princeton Farms meter data from the Hopewell STP influent meter data. The Princeton Farms meter data was adjusted by first adjusting the Hopewell Borough flow. The Hopewell Borough flow was replaced for November 24th and 25th with the average of the day before and the day after. This data was then subtracted from the Hopewell STP flow to determine the Princeton Farms flow for those two days.

528.05 Approval Requests and Actions

TWA-1 Approvals

None

Time Extensions

None.

NJPDES Enforcement Requested

None.

Water Quality Management Plan Amendments

None.

Allocated Flow Update

• Added 300 gpd for Stowe Residence, 132 North Main Street, Hopewell Township – approved on November 16, 2015 (flow is allocated to the Pennington STP).

528.06 Regulatory Report

Discharge Monitoring Report (DMR)

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

Mr. Rahimi indicated 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 NJDEP. All River Road parameters were compliant with the Authority's Air Permit requirements.

Mr. Rahimi noted that staff is currently preparing the October RDMRs.

Air Reporting

Mr. Rahimi reported that the stack test for Incinerator No. 1 started on December 8th and will continue through December 22, 2015.

Laboratory

Mr. Rahimi explained that on Sunday November 29, 2015 the pH meter at the Pennington treatment plant malfunctioned, resulting in the pH of the Influent and Effluent not being analyzed. SBRSA's permit requires pH reporting once a day at this facility. An affirmative defense was sent to NJDEP central enforcement on December 9, 2015. A copy of the affirmative defense was provided to the Board.

Miscellaneous

Mr. Rahimi reported that the Quarterly Capacity Assurance Program report for the period September 1, 2015 through November 30, 2015 was submitted to NJDEP on December 11, 2015. A copy of the report was provided to the Board.

528.07 Safety

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

Mr. Irizarry noted that as of December 15, 2015 Stony Brook Regional Sewerage Authority has gone 1559 consecutive days without a "Lost Time Accident".

Mr. Irizarry indicated that staff prepared a summary table that details all injuries/accidents that have occurred from 2005 through October 2015. A copy of the summary was provided to the Board.

Mr. Goldfarb noted that the summary table included in the Safety Report illustrates the specific injuries by date, type, how injury occurred, and days missed due to the injury from 2005 through 2015. Mr. Goldfarb indicated that staff has taken steps to address the injuries and is to taking a proactive approach to safety.

Mr. Irizarry reported that staff has prepared the draft specifications for the fire alarm monitoring system for the Pennington and Hopewell STPs. Staff is in the process of reviewing these documents.

Mr. Irizarry indicated that on November 2, 2015, the Joint Insurance Fund (JIF) conducted an inspection at the Princeton Pump Station and the spill containment chamber, the front gate and front steps of the Operations Building at the River Road WWTP. Staff is waiting for the report from JIF.

Mr. Irizarry reported that on November 20, 2015, the annual fire inspection was conducted at the Hopewell and Pennington Plants. A copy of the inspection report was provided to the Board. Two issues were identified: (1) fill the conduit penetrations in the ceiling of the Chemical Room at Hopewell STP with fire rated material; and (2) add a hazard sign to the side of the tank facing the entrance to the plant site at the Pennington STP. Both issues have been addressed and the fire official was on site on December 18, 2015 to confirm.

Mr. Irizarry indicated that staff held its quarterly Safety Meeting on December 15th. A copy of the minutes were provided to the Board.

Mr. Irizarry reported that training for this reporting period included:

- Fire Safety training was provided in-house on December 2, 2015 for eight (8) employees.
- Fall Protection training was provided in-house on December 2, 2015 for four (4) employees.
- HAZCOM (Right to Know) training was provided in-house on December 3, 2015 for four (4) employees.

- Storm-water Pollution Prevention (SPPP) and Spill Prevention Control and Countermeasures (SPCC) was provided in-house on December 3, 2015 for eight (8) employees.
- Blood-borne Pathogens training was provided in-house on December 3, 2015 for two (2) employees.

Chairman Bartolini indicated that he is changing the order of reporting tonight and the Finance Section will be presented next.

528.12 Finance Report

Payment of Bills and Claims

Mr. Morehouse moved for approval of Resolution 2015-76, for the payment of bills and claims in the amount of \$1,519,439.83 with two signatures instead of three. The motion was seconded by Dr. Downey and passed by a roll call vote of 6 to 0. Resolution 2015-76 follows.

Resolution Regarding Payment of Bills and Claims

Resolution No. 2015-76

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 \$1,519,439.83 be approved for payment with checks bearing two authorized signatures instead of three authorized signatures.

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			

Treasurer's Report

Mr. Neuhof reported that net income for the twelve-month period ending November 30, 2015 is \$1,087,495. This represents an increase of \$279,743 over the prior period. The Authority has total cash and investments of \$20,456,805 at an average interest rate of 0.27%. The current construction projects balance is \$16,399,098. Mr. Neuhof noted there are sufficient funds for these projects. The outstanding bond principal balance is \$23,397,523 which is a

decrease of \$252,000. The 2007 Trust Loan was refunded saving the Authority \$252,000. The New Jersey Cash Management Fund yield is 0.15%.

Resolution 2015-73, Adoption of a Cash Management Plan

Mr. Neuhof explained that Resolution 2015-73 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. Mr. Neuhof explained that 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 2016.

Mr. Neuhof recommended approval of Resolution 2015-73, 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. 2015-73

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, 2016 and that the Chief Financial Officer is directed to implement said Cash Management Plan in accordance with all applicable statutes.

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

Resolution 2015-74, Appoint a Public Agency Compliance Officer

Mr. Neuhof reported that Resolution 2015-74 is to appoint a Public Agency Compliance Officer (PACO). This is necessary for the Authority to fulfill its Affirmative Action requirements.

Mr. Neuhof recommended that Madelene Karlowitsch be appointed as the Authority's PACO for 2016 through Resolution 2015-74. So moved by Mr. Morehouse, seconded by Dr. Downey and passed by a roll call vote of 6 to 0. Resolution 2015-74 follows.

RESOLUTION TO APPOINT A PUBLIC AGENCY COMPLIANCE OFFICER

Resolution No. 2015-74

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 2016 to fulfill the requirements of the Affirmative Action Office, Department of the Treasury of the State of New Jersey.

AYE	NO	ABSTAIN	ABSENT
X			
X			
X			
X			
X			
X			
	X X X X X	X X X X	X X X X X

Resolution 2015-75, Award of Contracts for the Supply of Electricity

Mr. Neuhof reported that the New Jersey Sewerage and Municipal Utility Authority Electrical Supply Aggregation (NJSMUAESA) received bids on November 20, 2015. Mr. Neuhof indicated that a memorandum from Mr. Robert Chilton, Gabel Associates, provides a detailed summary of the bid results. A copy of the memorandum from Mr. Chilton was provided to the Board.

Mr. Neuhof indicated that the Authority is awarding contracts to two different electric suppliers. ConEdison Solutions was the lowest bidder for a 24-month period at a fixed rate of \$0.06944 per kilowatt hour for the LPLP accounts which include Millstone and South Brunswick Pump Stations. Constellation New Energy was the lowest bidder for a 24-month period at a fixed rate of \$0.07567 per kilowatt hour for the LPLP solar tariff for the River Road WWTP. Constellation New Energy was also the low bidder for a 24-month period at a fixed rate of \$0.08642 for the GLP/LPLS accounts which include Princeton Pump Station, Hopewell STP and Pennington STP.

Mr. Neuhof recommended approval of Resolution 2015-75, Awarding a Contract for the Supply of Electricity. Dr. Downey moved the resolution which was seconded by Mr. Compton.

Following a brief discussion, Resolution 2015-75 was passed by a roll call vote of 6 to 0. The resolution follows.

RESOLUTION AWARDING CONTRACT FOR THE SUPPLY OF ELECTRICITY

Resolution. No. 2015-75

WHEREAS, the cost of electricity is a major component of the Stony Brook Regional Sewerage Authority's operating budget; and

WHEREAS, in an effort to reduce the cost of electricity, the Authority joined the New Jersey Sewerage and Municipal Utilities Authority Electrical Supply Aggregation ("NJMUAESA") for the purpose of consolidating the electricity supply demands of the group in order to obtain a lower price for the supply of electrical service; and

WHEREAS, in accordance with the regulations of the New Jersey Board of Public Utilities, the Authority is required to seek the purchase of its basic generation service for electricity from the open market in accordance with the provisions of the Local Public Contracts Law; and

WHEREAS, to that end the Authority, as part of the NJMUAESA Group, proceeded with the procurement of basic electric supply service through a competitive public bidding process on November 20, 2015; and

WHEREAS, ConEdison Solutions was the lowest bidder for a 24 month period from the May 2016 meter read at a fixed rate in the amount of \$0.06944 per kilowatt hour ("kWh") for the LPLP tariff accounts which include Millstone and South Brunswick Pump Stations; and

WHEREAS, Constellation New Energy was the lowest bidder for a 24 month period from the May 2016 meter read at a fixed rate in the amount of \$0.07567 per kilowatt hour ("kWh") for the LPLP solar tariff account for the River Road WWTP; and

WHEREAS, Constellation New Energy was the lowest bidder for a 24 month period from the May 2016 meter read at a fixed rate in the amount of \$0.08642 per kilowatt hour ("kWh") for the GLP/LPLS tariff accounts which include Princeton Pump Station; Hopewell WWTP and Pennington WWTP; and

WHEREAS, funds are provided for these purposes from General Operating Funds.

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

1. John Kantorek, Executive Director, is authorized to execute an Electric Supply Service Agreement with Constellation New Energy, and ConEdison Solutions to provide electric generation service and transmission to the Authority, for a 24 month fixed price of \$0.07567 for the LPLP Solar account and \$0.06944 per kWh for the "LPLP" accounts and \$0.08642 for the GLP/LPLS accounts. This agreement shall be effective from the commencement date (first meter read date in May 2016) until the termination date (first meter read date in May 2018).

- 2. A copy of the Resolution shall be available for public inspection at the office of the SBRSA.
- 3. Notice of Contract Award shall be published as required by law within ten (10) days of its execution.

AYE	NO	ABSTAIN	ABSENT
X			
X			
X			
X			
X			
X			
	X X X X X	X X X X X	X X X X X

Resolution 2015-80, 2016 Participant Estimated Charge

Mr. Neuhof indicated that Resolution 2015-80 is to establish the 2016 Participants' Estimated Charge. The estimated year-end figures are unaudited.

Mr. Neuhof reviewed the Summary of Total Charges and explained 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. Neuhof recommended approval of Resolution 2015-80, 2016 Participants' Estimated Charge. So moved by Mr. Goldfarb, seconded by Dr. Downey and passed by a roll call vote of 6 to 0. Resolution 2015-80 follows

2016 Participants' Estimated Charge Resolution

Resolution 2015-80

BE IT RESOLVED by the Stony Brook Regional Sewerage Authority on December 21, 2015:

- 1. Pursuant to Section 609(2) of the Bond Resolution, the Authority adopted an Annual Budget of Operating Expenses in the amount of \$14,941,101 for its fiscal year commencing December 1, 2015. 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 \$14,941,101; "items of receipt" are \$2,570,000 The "Net Annual Cost" which the Authority will use for computing the "Base Charge" is \$12,371,101.
- 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 <u>modified</u> "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 FY 2016:

Princeton	33.463%
South Brunswick Township	39.582
West Windsor Township	22.789
Hopewell Borough	1.600
Pennington Borough	2.567

(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	\$4,139,715.93
South Brunswick Township	4,896,687.22
West Windsor Township	2,819,208.37
Hopewell Borough	197,950.19
Pennington Borough	317,539.29
TOTAL	\$12,371,101.00

(b) The allocation factors, based on an average of flows from 2009 through 2015, (seven-year average) to be used for the computation of the "Project Debt Service Adjustment" are as follows:

Princeton	33.973%
South Brunswick Township	39.029
West Windsor Township	22.813
Hopewell Borough	1.611
Pennington Borough	2.574

(c) The computation of the new <u>modified</u> "Project Debt Service Adjustment" produces the following figures:

Princeton	-307,956.32
South Brunswick Township	+107,774.87
West Windsor Township	+201,890.50
Hopewell Borough	+10,398.61
Pennington Borough	<u>-12,107.66</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 Charge	-	+ _	Project Debt Service Adjustment	Annual = <u>Charge</u>
Princeton	\$4,139,7	715.93		-307,956.32	\$3,831,759.62
South Brunswick Town	ship 4,896,6	587.22		+107,774.87	5,004,462.09
West Windsor Townshi	p 2,819,2	208.37		+201,890.50	3,021,098.87
Hopewell Borough	197,9	950.19		+10,398.61	208,348.80
Pennington Borough	317,5	539.29		<u>-12,107.66</u>	305,431.62
TOTAL	<u>\$12,371,1</u>	101.00		0.00	<u>\$12,371,101.00</u>
RECORDED VOTE:	AYE	NO	ABS	ΓΑΙΝ	ABSENT
Robert A. Bartolini	X				
Harry Compton	X				
Gale D. Downey	X				
David A. Goldfarb	X				
C. Schuyler Morehouse	X				
Bharat Patel	X				

Resolution 2015-87, Appointing a Temporary Qualified Purchasing Agent

Mr. Neuhof indicated that Resolution 2015-87 is to appoint Ms. Diane Redding as a temporary Qualified Purchasing Agent (QPA). The law allows the Authority, when a vacancy exists, to appoint a person who does not possess a qualified purchasing agent certificate for a period of one year as a temporary QPA. That person may also be reappointed for one additional year with the approval of the Director of the Local Government Services division of the State.

Mr. Neuhof recommended approval of Resolution 2015-87, Appointing a Temporary Qualified Purchasing Agent.

Mr. Morehouse moved for approval Resolution 2015-87. It was seconded by Mr. Goldfarb Mr. Goldfarb asked what steps Ms. Redding needs to take to obtain a QPA certificate. Ms. Redding explained that there are courses she must take to obtain the certificate. Ms. Redding noted that she had previously taken the municipal finance course. Ms. Redding also indicated that she must also pass a test. Mr. Kantorek noted that Ms. Redding did qualify years ago but the law only allowed there be one QPA, which was Mr. Neuhof.

Resolution 2015-87 was then passed by a roll call vote of 6 to 0. Resolution 2015-87 follows.

Stony Brook Regional Sewerage Authority Resolution Appointing a Temporary Qualified Purchasing Agent

Resolution No. 2015-87

RESOLUTION appointing a Temporary Qualified Purchasing Agent, pursuant to N.J. S.A 40:11-9g and N.J.A.C. 5:34-5.5 et seq.; and

WHEREAS, Stuart Neuhof, the appointed Qualified Purchasing Agent for SBRSA, will be retiring and will no longer perform the duties of a purchasing agent as of December 31, 2015; and

WHEREAS, a vacancy exists for a qualified purchasing agent; and

WHEREAS, N.J.S.A 40A:11-9g and N.J.A.C. 5:34-5.5, states if the person appointed as the Qualified Purchasing Agent for a contracting unit no longer performs such duties, the governing body or chief executive officer, as appropriate to the form of government, may appoint, for a period not to exceed one year commencing from the date of vacancy, a person who does not possess a qualified purchasing agent certificate to serve as a temporary purchasing agent. Any person so appointed may, with the approval of the director, be reappointed as a temporary purchasing agent for a maximum of one additional year following the end of the first temporary appointment. No contracting unit shall employ a temporary purchasing agent for more than two consecutive years; and

WHEREAS, Diane Redding, Assistant Finance Manager, has extensive experience with the purchasing rules and regulations for public agencies in the State of New Jersey.

NOW, THEREFORE, BE IT RESOLVED, that the governing body of the SBRSA appoints Diane Redding as the Temporary Qualified Purchasing Agent for a period of one year, to exercise the duties of a purchasing agent pursuant to N.J.S.A. 40A:11-9a, to be assigned the authority, responsibility, and accountability of the purchasing activity of the contracting unit.

AYE	NO	ABSTAIN	ABSENT
X			
X			
X			
X			
X			
X			
	X X X X	X X X X	X X X X

Monthly Sludge Business Analysis

Mr. Neuhof reported that net income for the month of November is \$80,435 and the cumulative net income is \$1,451,364. Gas usage for the month of November was 69,205 therms. The remaining simple payback for the RTO project is 1.94 years.

Resolution 2015-85, Honoring Stuart Neuhof's Contributions to the Authority

Mr. Kantorek explained that Mr. Neuhof is retiring and tonight is his last Board meeting. Mr. Neuhof has been at the Authority for 26 plus years and under his guidance the Authority has been in extremely good financial standing.

Mr. Kantorek recommended approval of Resolution 2015-85, Honoring Stuart Neuhof's Contributions to the Authority.

Mr. Morehouse noted that although he has only been Treasurer for a short period of time, it has been a pleasure working with Mr. Neuhof.

Mr. Goldfarb indicated that it was a pleasure working with Mr. Neuhof during his time as Treasurer many years ago.

Chairman Bartolini indicated that the Authority has been financially stellar due to Mr. Neuhof's knowledge. Chairman Bartolini then read Resolution 2015-85.

Stony Brook Regional Sewerage Authority Resolution 2015-85

A Resolution Honoring Stuart Neuhof's Contributions to the Authority

WHEREAS, Stuart Neuhof has served as the Chief Financial Officer of Stony Brook Regional Sewerage Authority in an exemplary fashion since July 17, 1989; and

WHEREAS, during Stuart's 26 years of service, the Authority has received many compliments for the accuracy, clarity and organization of our Financial Records due to his diligence and professionalism; and

WHEREAS, the Authority has consistently received unqualified (good) audits; and

WHEREAS, Stuart implemented procedures to make the budget process more efficient and less painful; and

WHEREAS, Stuart was an integral part of the sludge business success. This included on many occasions bringing the Authority sales booth to Atlantic City and sitting in it for the duration of the AEA and NJWEA conventions; and

WHEREAS, Stuart was able to write letters using only Excel and never met a spreadsheet he didn't like; and

WHEREAS, after 26 years at the Authority, Stuart has decided that he needs more time for skiing and going to old "rockers" concerts; and

WHEREAS, we all wish you a long happy and healthy retirement; and

WHEREAS, Stuart we are going to miss you.

NOW, THEREFORE, BE IT RESOLVED that we the undersigned members of the Stony Brook Regional Sewerage Authority, as of this 21st day of December 2015 have hereunto set our hands to this Resolution as an expression of our gratitude for the able service and important contributions of Stuart Neuhof.

BE IT FURTHER RESOLVED that a copy of this Resolution shall become part of the official minutes of the Stony Brook Regional Sewerage Authority and a copy of this Resolution shall be presented to Stuart as a tangible token of our best wishes and as evidence of our sincere gratitude for his 26 years of public service to the Authority.

Moved: Seconded: Adopted:	Morehouse Downey December				
	artolini, Chair West Windso			Gale D. Downey, Vice Cl Member for Hopewell To	
•	Morehouse, T Hopewell Bo			David A. Goldfarb Member for Princeton	
Harry Comp Member for	ton Pennington B	orough			
Bharat Patel Member for	South Brunsv	vick Township			
RECORDEI	O VOTE:	AYE	NO	ABSTAIN	ABSENT
Robert A. Ba Harry Comp Gale D. Dov	ton	X X X			

The Board thanked Mr. Neuhof for his years of service.

X

X

X

David A. Goldfarb

Bharat Patel

C. Schuyler Morehouse

Mr. Neuhof spoke briefly of his time with the Authority. Mr. Neuhof thanked the Board for all their support and especially to Ms. Redding.

Mr. Morehouse excused himself from the meeting at 8:15 p.m.

528.08 <u>Litigation</u>

The Litigation Report was provided for information.

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

528.09 Operations Report

River Road Facility

Mr. Kunert reported that all four Chlorine Contact Tanks and all four Re-Aeration Tanks were dewatered, cleaned, and put back into service.

Mr. Kunert indicated that Incinerator #2 was inspected by Chavond-Barry and a subsequent report was received. The report outlined the necessary repairs including the recommendation to replace the refractory on Hearth level #1. SBRSA does not have time to go out to bid and have the hearth replaced before the scheduled testing for Incinerator #2 with the new scrubber system. Staff discussed this situation with Chavond-Barry and decided to have the burner repairs done first and then go out to bid for the hearth replacement after the scheduled incinerator testing in January 2016. The repair work that needs to be completed fell under the bid threshold (\$40,000) therefore staff obtained quotes from two companies. Albertus Energy was the lower quote and is performing this repair work.

Mr. Kunert reported that two plant shutdowns were conducted at the River Road WWTP, one on Thursday, November 19, 2015 and the other on Monday, November 30, 2015. These shutdowns were necessary as part of the emergency generator project.

Mr. Kunert indicated that on Friday, November 27, 2015 the odor control system at the headworks building was not functioning although all the necessary equipment was running. Staff discovered that the odor control fan was not moving air because it was blowing into the underside of three biofilters that had approximately two (2) feet of water in them due to a clog in the biofilters drain line. The main drain line from the biofilters was jetted by an outside contractor and televised. The camera revealed that a piece of wood was lodged in a 90 degree elbow, which was the cause of the clog. After obtaining two quotes, the work was performed by Centerpoint Associates Inc. The site was excavated, the 4-inch drain line cut and the piece of wood was removed.

Mr. Kantorek noted that the piece of wood left in the pipe most likely happened during construction of the new headworks facility.

Upstream Facilities

Mr. Kunert explained that a filament problem is beginning to develop within the biological process at the Pennington STP. Staff is addressing this problem by chlorinating the return sludge, which has proven successful in the past. Staff will monitor the situation via micro-

exam of the settleometer test for any detrimental effect(s) that may occur. This is always a risk when chlorinating to control filaments.

Odor Report

Mr. Kunert reported that staff received three odor complaints during the month of November. No odor complaints were received for the partial month of December.

Chairman Bartolini noted that 2015 odor complaints is the highest since 2008 and not indicative of a normal year. The higher number of odor complaints is attributed to the extremely dry weather conditions and low flows and associated high H₂S levels.

Customer Septage and Sludge Deliveries

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

528.10 Maintenance

Mr. Ireland reported that on November 10, 2015, Asco Services was on site at the Hopewell Facility to replace the automatic transfer switch (ATS) power control center with a new replacement switch. This was needed because of its inaccuracy and inability to make time delay adjustments. This switch is used to detect any loss of commercial power to the facility which then tells the generator to turn on. The new ATS power control is now programmable and has more functions to control the Emergency Generator when power is interrupted.

Mr. Ireland indicated that during the month of November, A.C. Scott was on site to replace two more transformers as recommended from the High Risk Assessment Transformer Survey List. The transformer in the Operations Building first floor store room (1978) was replaced with a new 45 kva transformer that supplies the Laboratory. The Pepcon Building (1981) transformer was replaced with a new 15 kva transformer. A portable generator was used during both events to minimize downtime to the equipment. Currently four out of seven transformers have been replaced. The remaining three transformers will be replaced in 2016 after the Scrubber modifications and stack testing are completed.

Mr. Ireland reported that Backwash Return Pump #3 was removed from service because of a leaking mechanical seal that was creating a slip hazard. The mechanical seal was removed and rebuilt. The pump was tested and placed back into service.

Mr. Ireland indicated that during preparation for the Stack Test, it was discovered that the Sludge Cake Delumper for Incinerator #1 was making an unusual noise and vibrating. It was removed from service and staff found that the shaft journal on the drive side was badly worn as well as the bearings. The Delumper shaft was replaced with two new bearings and belts and has been placed into service.

The number of open work requests stand at eleven (11). The Preventive Maintenance graphs show that SBRSA is currently averaging two (2) days overdue and the number of overdue units is approximately twenty-one (21).

528.11 Construction Report

2016 EMA IT Support Contract

Ms. Pchola reported that staff requested that EMA provide a proposal for Information Technology Support during FY 2016. A copy of the proposal letter was provided to the Board. The support contract is on a time charge basis in the amount of \$30,000. Staff received the required pay to play forms from EMA on December 14, 2015 and therefore the contract with EMA will not start until December 23, 2015. The total spent to date for the IT support contract for FY 2015 was \$4,085.

Staff recommended approval of Resolution 2015-81, Award of a "No Political Contributions Allowed" Contract for 2016 Information Technology Support to EMA, Inc. So moved by Dr. Downey, seconded by Mr. Goldfarb. Mr. Goldfarb indicated that consideration be given to requesting multiple proposals for hiring consultants rather than just appointing the same consultant. Resolution 2015-81 was then passed by a roll call vote of 5 to 0. Resolution 2015-81 follows.

Resolution Authorizing the Award of a "No Political Contributions Allowed" Contract for 2016 Information Technology Support to EMA, Inc.

Resolution No. 2015-81

WHEREAS, the Stony Brook Regional Sewerage Authority (SBRSA) has a need for Information Technology (IT) System support for fiscal Year 2016 ending on November 30, 2016 that does not allow for political contributions to the Authority or its members ("No Political Contributions Allowed" contract) pursuant to the provisions of N.J.S.A. 19:44A-20.4 et seq.; and,

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

WHEREAS, the term of this contract will commence on December 23, 2015 and end on November 30, 2016 and,

WHEREAS, EMA, Inc. has submitted to SBRSA a proposal dated December 13, 2015 and Agreement indicating they will provide IT support through November 30, 2016 for a time charge fee not to exceed \$30,000 without written permission from Stony Brook Regional Sewerage Authority; and

WHEREAS, EMA, Inc. submitted a Business Entity Disclosure Certification on December 13, 2015 which certifies that EMA, Inc. its subsidiaries, assigns or principals controlling in excess of 10% of the company has neither made a contribution that is reportable

pursuant to the Election Law Enforcement Commission pursuant to N.J.S.A. 19:44A-8 or 19:44A-16, in the one (1) year period preceding the award of the contract that would, pursuant to P.L. 2004, c.19, affect its eligibility to perform this contract, nor will it make a reportable contribution during the term of the contract to a municipal political party committee of a governing body that appoints members to the Authority including, Princeton, South Brunswick Township, West Windsor Township, Hopewell Borough, Hopewell Township, and Pennington Borough, when the contract is awarded, or to any municipal candidate committee of any candidate for or holder of municipal elective public office of any such municipality when the contract is awarded, and

WHEREAS, the Stony Brook Regional Sewerage Authority has Funds available in its Fiscal Year 2016 operating budget.

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

<u>Upstream Facilities Process Evaluation/Planning Study</u>

Ms. Pchola indicated that staff received the draft Pennington STP Facility Planning Study on December 10, 2015 for review. Once the report is reviewed by staff, a meeting will be schedule with Kleinfelder to discuss the report.

2015 Annual Inspection

Ms. Pchola reported that at the Construction Committee meeting, Mr. Goldfarb requested staff to prepare a summary report of the inspection. This will be completed for the January Board meeting. A copy of the full Inspection Report will be given to the Construction Committee.

Information Technology Management Services

Ms. Pchola indicated that staff met with EMA on December 8, 2015 to discuss the status of EMA's progress. Staff requested that Mr. Bob Reilly provide more "hands-on" assistance to Ron Hess. Staff also requested that EMA provide a proposal for the design of the server room (electrical requirements, HVAC requirements, etc.).

Ms. Pchola reported that staff provided comments on the draft SBRSA IT Charter and IT Policies as prepared by Mr. Reilly from EMA. A copy of the documents was provided to the Board. Ms. Pchola indicated that any comments the Board may have can be incorporated into the final document.

Dr. Downey indicated that the Construction Committee has not yet had a chance to fully review the IT Charter and IT Policies. It will be listed on the Committee's meeting for discussion in January.

Ms. Pchola noted that staff met with Mr. Reilly on December 10, 2015 to discuss several topics. A copy of the meeting minutes were provided to the Board.

KEMS 2015 Annual Advice

Ms. Pchola reported that KEMS has conducted a detailed review of the draft Title 5 permit and provided NJDEP with comments on December 7, 2015. The changes were incorporated by NJDEP and the draft permit is expected to be advertised for public comment on or about December 14, 2015. A copy of the letter from NJDEP dated December 10, 2015 was provided to the Board.

Ms. Pchola indicated that KEMS is currently coordinating/assisting staff with collecting data, monitoring and operation of Incinerator No. 1 for the stack test being conducted by Montrose (formerly Avogadro) with the new scrubber. The stack test started on December 8 and will continue through December 22, 2015.

Schwing Pump Replacement Project

Ms. Pchola reported that the project kick-off meeting was held on November 16, 2015. GHD is continuing with the preliminary design and plans to submit the preliminary design report by December 31, 2015. Ms. Pchola noted that a meeting will be scheduled either the first or second week in January to discuss the 30% complete documents.

Contract 10-1 Headworks Project

Ms. Pchola indicated that Kleinfelder and SBRSA are continuing to compile documents, emails, meeting minutes, memorandums, etc. requested by Authority Counsel relative to the issues raised by Tomar in their last letter.

Mr. Goldfarb commented that the Authority's goal should not be to pay Tomar as little as possible but to pay as little as possible to settle the dispute. Ms. Alexander indicated that is also the goal of the Authority. Ms. Alexander indicated that SBRSA is in the evidence gathering period. The more evidence that you have and the better you can present your case to mediator the better the final outcome. If you are not fully prepared, you may need to go further than mediation or there may be a need to return to mediation. Mr. Kantorek indicated that this is the first time the Authority may initiate litigation against a contractor. Ms. Alexander indicated that she would discuss strategy with the Board in closed session.

Chairman Bartolini indicated that once all the evidence is gathered the Board can go into a closed session.

Contract 14-1 SBRSA Emergency Generator Project

Ms. Pchola reported that as of Pay Estimate No. 2 this project stands at 9.0% complete. Over the past reporting period Thomas Controls Inc. (TCI) completed the following at the River Road plant site: the relocation of the existing emergency generator day tank, removed or relocated existing power and control conduits, began the installation of 4-inch PVC coated conduits, demolished a section of the south wall of the Generator Room and installed a temporary wall, and completed the installation of the south wall structural support steel. TCI received and stored on-site the roof exhaust fans and curbs for the two pump stations and River Road plant.

Ms. Pchola indicated that based on communications with the construction department at West Windsor Township, which were initiated by Chairman Bartolini, the Township has been in contact with TCI and Kleinfelder (KFL). It now appears that TCI is in a position to re-submit all requested information minus the HVAC ductwork supports which are currently under review by KLF. Once the ductwork support review has been completed, TCI will submit all additional information to West Windsor.

Ms. Pchola explained that as part of the Chemical Building modifications, a section of the roof and roof support trusses are to be removed and new roof supports and roofing system installed. While completing a field evaluation for the roof modification work, the contractor identified four (4) control conduits, and one (1) telephone/PA conduit that would need to be relocated as part of the roof modifications. In addition, two (2) other control conduits that were made obsolete under previous contracts needed to demolished and removed.

Ms. Pchola reported that the seven conduits; four running between the existing turbine generator control cabinet and the turbine generator, one telephone and PA system conduit, and two conduits to be removed were not called out for relocation/demolition by the contract documents and are considered additional work. Therefore, a change order is needed.

Staff recommended approval of Resolution 2015-84, Authorizing the Approval of Change Order No. 1 to Demolish and Relocate Existing Conduits and Wire in the Chemical Building for Contract 14-1 in the amount of \$20,417.69. So moved by Dr. Downey, seconded by Mr. Compton and passed by a roll call vote of 5 to 0. Resolution 2015-84 follows.

Resolution Authorizing the Approval of Change Order No. 1 to Demolish and Relocate Existing Conduits and Wire (RRWWTP) for Contract 14-1

Resolution No. 2015-84

WHEREAS, on November 4, 2014, the Stony Brook Regional Sewerage Authority (SBRSA) issued a Notice to Bidders seeking the receipt of sealed public bids for the "Emergency Generator Project, Contract 14-1"; and

WHEREAS, the SBRSA at its December 15, 2014 meeting awarded the Emergency Generator Project, Contract 14-1 to Thomas Controls, Inc. (TCI) in the amount of \$3,400,000; and

WHEREAS, additional unforeseen work which was not included in the original bid specifications was required to provide labor, materials, and equipment to facilitate the demolition and relocation of conduits and wire not identified in the Contract documents; and

WHEREAS, the abovementioned changes to Contract 14-1 are incorporated within the December 15, 2015 Contract Change Order #1 document in the amount of \$20,417.69 resulting in an adjusted contract of \$3,420,417.69; and

WHEREAS, the contract completion date for the project shall be extended by 7 days as a result of Change Order No.1; and

WHEREAS, the new completion date for Contract 14-1 is May 16, 2016; and

WHEREAS, the Stony Brook Regional Sewerage Authority has Funds available in its capital fund.

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 #1 with Thomas Controls, Inc. in the amount of \$20,417.69 resulting in an adjusted contract amount of \$3,420,417.69.
- 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			

Contract 15-1 Scrubber Procurement

Ms. Pchola reported that on December 2, 2015, Centerpoint Associates submitted the draft performance test report for Scrubber No. 1. The report was reviewed by SBRSA, Chavond Barry Engineering, and EnviroCare International. The new scrubber system met or exceeded the emission limits of the Contract specifications. A table was provided to the Board that includes the new scrubber performance test results compared to 40 CFR 60, Subpart MMMM

limits and 75% of the Subpart MMMM limits as provided by CBE. Mr. Goldfarb requested that the performance test of the old scrubber be provided to the Board which Ms. Pchola will include in the January report.

Contract 15-2, Scrubber Installation

Ms. Pchola reported that as of Pay Estimate No. 8 this project is approximately 90% complete. During the past reporting period Centerpoint Associates Inc. (CPA) continued with the installation of Scrubber #2. All sections of the new scrubber and quench vessels have been assembled and welded together. CPA has completed the majority of the high pressure piping, mist eliminator piping, separator tray piping, and began the installation of the low pressure piping. All field devices have been mounted and final restoration to the front of the Operations Building has been completed. The performance test for Scrubber #2 has been tentatively scheduled for mid-January 2016.

Ms. Pchola explained that during the installation of Scrubber No.1, it became apparent that in order for the contractor to install the scrubber sections in the sequence recommended by Chavond Barry Engineering, the contractor would have to modify existing floor openings to allow sections of the scrubber to be lifted into temporary positions. Likewise, the installation of Scrubber No.2 also required the contractor to modify existing floor openings to allow sections of the scrubber to be lifted into temporary positions. While the structural work to modify the floor openings was less difficult for Scrubber No. 2, the Contractor had to relocate an existing 2-inch conduit and extend the wires for the burners on Hearth Level 3. In addition to the above, the 44-inch stainless steel crossover duct that connects the quench vessel to the scrubber vessel for Scrubber No. 2 had to be modified (shortened by approximately 2-inches) to fit between the two vessels.

Ms. Pchola indicated that Resolution 2015-82 is for the additional work associated with the installation of Scrubber Nos. 1 and 2 and the connection between the quench vessel and Scrubber No.2.

While the contract documents provide for minor modifications to handrails, piping, conduit, and equipment, the level of modifications that were required to achieve the necessary clearances is considered above and beyond the normal scope of work.

Staff recommended approval of Resolution 2015-82, Authorizing Change Order No. 3 for the Extra Work Associated with the Installation of Scrubber No. 1 and No. 2 in the amount of \$14,170.47. So moved by Dr. Downey, seconded by Mr. Patel and passed by a roll call vote of 5 to 0. Resolution 2015-82 follows.

Resolution Authorizing the Approval of Change Order No. 3 to Provide Additional Installation Work – Scrubber Nos. 1 and 2 for Contract 15-2

Resolution No. 2015-82

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 labor, materials, and equipment to facilitate the installation of Scrubber No. 1 and Scrubber No. 2; and

WHEREAS, the abovementioned changes to Contract 15-2 are incorporated within the December 14, 2015 Contract Change Order #3 document in the amount of \$14,170.47 resulting in an adjusted contract of \$1,653,575.51; and

WHEREAS, the contract completion date for the project shall remain unchanged as a result of Change Order No. 3; 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 #3 with Centerpoint Associates, Inc. in the amount of \$14,170.47 resulting in an adjusted contract amount of \$1,653,575.51.
- 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			

It should be noted that staff has received a letter from CBE indicating that including the latest invoice for work completed up to November 30, 2015, the budget for construction services is over 75% complete. A copy of the letter was provided to the Board. Based on the latest invoice the budget is approximately 87% complete.

Contract 15-3, Ash Handling System Improvements

Ms. Pchola reported that BR Welding continues to submit shop drawings. On December 14, 2015 a meeting was held between SBRSA, BR Welding, and the control system vendor. The layout, integration, and control for the new equipment was discussed and confirmed.

Contract 15-4, Instrument Air Compressor Replacement

Ms. Pchola indicated that bids for this project were received and opened on December 16, 2015. Of the six (6) potential bidders, four (4) bids were received. The bids ranged in price from \$109,000 to \$141,000 with Derstine Company, LLC providing the lowest bid.

Ms. Pchola reported that Derstine Company provided all required documentation with their bid. Derstine Company has successfully completed work for the Authority in the past.

Staff recommended approval of Resolution 2015-83, Award of Contract 15-4 Compressed Air System Replacement Project to Derstine Company, LLC in the amount of \$109,000. So moved by Dr. Downey, seconded by Mr. Goldfarb and passed by a roll call vote of 5 to 0. Resolution 2015-83 follows.

Resolution Authorizing the Award of Contract 15-4 Compressed Air System Replacement Project to Derstine Company, LLC

Resolution No. 2015-83

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 "Compressed Air System Replacement Project, Contract 15-4"; and

WHEREAS, sealed competitive bids were received by the Authority on December 16, 2015, as more fully set forth as attached; and

WHEREAS, the Authority has determined that the bid of Derstine Company, LLC is the lowest bid in the amount of \$109,000; and

WHEREAS, the bid received from Derstine Company, LLC 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 Stony Brook Regional Sewerage Authority has Funds available in the small capital project budget from unrestricted retained earnings.

NOW, THEREFORE, BE IT RESOLVED by the Stony Brook Regional Sewerage Authority that it hereby awards the contract to Derstine Company, LLC, the lowest responsive bidder; for Compressed Air System Replacement Project, Contract 15-4 in the amount of \$109,000; 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.

STONY BROOK REGIONAL SEWERAGE AUTHORITY CONTRACT 15-4 COMPRESSED AIR SYSTEM REPLACMENT PROJECT BID SUMMARY

Bidder	Bid Amount
Derstine Company	
320 Cowpath Road	\$109,000
Souderton, PA 18964	
BR Welding, Inc.	
3 Brook Road	\$111,900
Howell, NJ 07731	
Centerpoint Associates, Inc.	
47 Coles Road	\$125,000
Blackwood, NJ 08012	
Lusotech, LLC	
82-84 Vanderpool Street	\$141,000
Newark, NJ 07114	

AYE	NO	ABSTAIN	ABSENT
X			
X			
X			
X			
			X
X			
	X X X	X X X	X X X

MA Effluent Channel Mixers

Ms. Pchola indicated that there has been no change to this project this month. AECOM is still in the process of finalizing the structural modification

Carbon Monoxide Analyzer Replacement

Ms. Pchola reported that there has been no change to this project. SBRSA is awaiting approval of the performance test protocol (PST) which was submitted on October 27, 2015 to the NJDEP Bureau of Technical Services for review

Plant Influent Flow Meter

Ms. Pchola indicated that staff continues to evaluate the flow data being obtained from the influent high range/low range meter system. The summary/comparison table of the River Road STP influent flow meter to the sum of the metering sites from July through November was provided to the Board.

Month	Meter Sum, mgd	River Road STP Influent Meter, mgd	% Difference	Daily Min/Max % Range
July	7.675	8.553	11.58	(2.03)/32.07
August	6.653	8.037	17.23	12.87/20.52
September	6.722	8.121	17.22	10.55/21.50
October	7.372	7.106	(3.75)	1.03/(18.33)
November	7.382	7.694	4.06	11.24/(18.18)

Ms. Pchola noted that also included on this table is the minimum and maximum daily % difference for that month. Staff is still in the process of working with the meter manufacturer to determine the best course of action to solve the issue with the meter. A copy of a memo that summarizes what action has been performed to date was provided to the Board.

<u>Information Technology</u>

Mr. Hess reported that the River Road SCADA upgrade screen development is at 100% with Pennington and Hopewell screen development at 90 to 95% complete. Staff is now setting up new SCADA nodes for deployment. This task should be completed by January 5, 2016.

Mr. Hess indicated that the migration of SBRSA's Active Directory servers was started on November 13th and completed the week of November 16th.

Mr. Hess reported that staff is in the process of configuring and putting into service two Dell KACE appliances as recommended by EMA. KACE appliances are computer appliances used for endpoint systems management and software deployment.

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

528.13 Personnel Report

The Personnel Report was provided for member information.

Mr. Kantorek indicated that the Union voted down the Agreement for a second time. The matter will now go to mediation.

528.14 Correspondence

For information.

528.15 Old Business

None

528.16 New Business

Award of Contract

Resolution 2015-86, Award of Contract for the Supply of Liquid Odor Control Chemical

Mr. Kunert indicated that the path and file name of the document were in the body of the Resolution. It has been corrected and a copy of the corrected Resolution is on the table.

Mr. Kunert reported that on Wednesday, December 2, 2015 sealed bids for the supply of a liquid odor control product were received. These bids were based on the results of trials that were conducted prior to bidding. During the trials, each bidder had to meet the qualifications regarding product effectiveness and determine the dosage necessary to meet these qualifications. Two companies performed trials and their bids are shown below:

	12 MONTHS	24 MONTHS
Evoqua Water Technologies	\$0.76/lb. / \$121,168.32	\$0.76/lb. / \$121,168.32 (1st) \$0.76/lb. / \$121,500.29 (2nd) 2Yr. Total = \$242,668.61
Coyne Chemical	\$0.7027/lb. / \$32,701.90	\$0.7027/lb. / \$32,701.90 (1st) \$0.7027/lb. / \$32,701.90 2nd) 2Yr. Total = \$65,403.80
Coyne Chemical (Corrected)	\$0.7027/lb. / \$122,859.12	\$0.7027/lb./ \$122,859.12(1st) \$0.7027/lb./ \$123,195.72(2nd) 2Yr. Total = \$246,054.84

Mr. Kunert explained that the low bidder, Coyne Chemical, submitted a bid with incorrect values and mathematical errors in the formula used to calculate a total price. After speaking with the Coyne Chemical representative and explaining the problem, we both ran the calculations using the correct data and he is in agreement with the total cost after being corrected as shown above.

Mr. Kunert indicated that the last contract was a two-year contract with Evoqua Water Technologies for a total two year price of \$184,748.40 at a unit price of \$0.74 per pound. The average total pounds used during the trials are used in the formula to calculate a total bid

price. This evaluated bid price is subject to radical increases and decreases at times since it is based on the H₂S concentrations in the sludge at the time of the trials which varies throughout the year. During these trials the H₂S levels were high due to the low flows that we as well as all of our liquid sludge customers were experiencing.

Mr. Kunert reported that on Tuesday, December 15, 2015, he received a letter from Coyne Chemical via UPS. This letter indicated that the chemical that Evoqua used during the trial (Textone L) was not the same chemical that they bid (Textone XL) based on the label that was on the 55 gallon drum that was delivered. Therefore, they were officially protesting the award of this bid to Evoqua pending resolution of this matter.

Mr. Kunert noted that this matter was discussed with the representative from Evoqua later the same day. He explained that the label that Coyne Chemical was referring to was a generic label indicating the contents of the drum but had no specific percentages of the active ingredients. The active ingredient percentages was shown on a separate label which was on the drum as well. This was verified through photos and the Certificate of Analysis that was furnished to us during the trial period.

This matter was discussed in a phone conversation the following day, Wednesday, December 16, 2015, with the representative from Coyne Chemical. After Mr. Kunert revealed the results of his investigation, the representative from Coyne Chemical was satisfied that Evoqua had in fact trialed and bid on the same product, that being the Textone XL. At the end of the conversation the Coyne Chemical representative told Mr. Kunert that he would inform his main office and put a close to this matter.

Mr. Kunert recommended that a two-year contract be awarded to Evoqua Water Technologies at a unit price of \$0.76/lb. for the first year and a unit price of \$0.76/lb. for the second year for a two-year total of \$242,668.61 through Resolution 2015-86. So moved by Dr. Downey, seconded by Mr. Patel and passed by a roll call vote of 5 to 0. Resolution 2015-86 follows.

Resolution Awarding Contract for the Supply of a Liquid Odor Control Chemical

Resolution No. 2015-86

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 a Liquid Odor Control Chemical; and

WHEREAS, the following sealed bids were received by the Authority on December 2, 2015, as more fully set forth as follows:

	12-Month	24-Month
Evoqua Water Technologies	\$0.76/lb. / \$121,168.32	\$0.76/lb. / \$121,168.32 \$0.76/lb. / \$121,500.29 2Yr Total = \$242.668.61

Coyne Chemical	\$0.7027/lb. / \$32,701.90	\$0.7027/lb. / \$32,701.90 \$0.7027/lb. / \$32,701.90 2Yr. Total = \$65,403.80
Coyne Chemical (Corrected)	\$0.7027/lb. / \$122,859.12	\$0.7027/lb. / \$122,859.12 \$0.7027/lb. / \$123,195.72 2Yr. Total = \$246,054.84

WHEREAS, the Authority has determined that the seemingly low bidder, Coyne Chemical, used incorrect values and made mathematical errors in the calculations used to determine the total bid price which they submitted; and

WHEREAS, the Authority had contacted Coyne Chemical to inform them of these errors, and by phone, informed them of the correct values that needed to be used and the correct mathematical formula that was also needed to determine a total bid price; and

WHEREAS, the Authority, by phone, went through the correct calculations with the representative from Coyne Chemical using the correct values and they are in agreement with the corrected 12-month total price and 24-month price shown above; and

WHEREAS, the low bidder, Evoqua Water Technologies submitted a bid of \$0.76 per pound for the first year and \$0.76 per pound for the second year for a total two year price of \$242,668.61; and

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

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

NOW, THEREFORE, BE IT RESOLVED by the Stony Brook Regional Sewerage Authority that it hereby awards a 24-month contract to Evoqua Water Technologies, the lowest responsive bidder for the supply of a Liquid Odor Control Chemical in the estimated amount of \$242,668.61.; and

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

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

Award of Liquid Sludge Contracts

The following liquid sludge contract was approved on a motion by Dr. Downey, seconded by Mr. Goldfarb and passed by a vote of 5 to 0.

South Monmouth Regional Sewerage Authority

1,200,000 gallons

01/01/2016 to 12/31/2016

528.17 Open to the Public

None.

528.18 And Such Other Issues as May Come Before the Board

None.

528.19 Adjournment

As there was no further business to come before the Board, the meeting was adjourned at 8:54 p.m. on a motion by Dr. Downey, seconded by Mr. Goldfarb and passed by unanimous vote.

Respectfully Submitted,

John Kantorek Secretary

Recorded and Written by Patricia Carlino January 6, 2016