

Minutes of Meeting #558, June 25, 2018– Stony Brook Regional Sewerage Authority

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

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

MEMBERS ABSENT: Patel

CONSULTANTS: Alexander

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

558.01 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.

558.02 Approval of Minutes

Chairman Bartolini asked for comments/questions regarding the minutes from the May 30, 2018 Board meeting. Mr. Kantorek noted that there is a change to the minutes. On page 9, paragraph 7, line 2 reads "Dr. Downey noted that she would prefer an unbiased sampling of the summer's data before saying SBRSA addressed the issue and that we expect it to smell better and perhaps generate more odor complaint calls." That line is corrected to read "Dr. Downey noted that she would prefer an unbiased sampling of the summer's data." In addition, paragraph 7 was moved to become paragraph 5. The amended minutes were moved by Dr. Downey and seconded by Mr. Goldfarb. Mr. Goldfarb stated that on page 2, paragraph 2, line 2 Mr. Goldfarb noted that the "Millstone River" should be changed to the "Stony Brook in Princeton". In addition, on page 27, under Adjournment, Mr. Goldfarb indicated that in line 2, "Dr. Goldfarb" should be changed to read "Dr. Downey". This amendment to the amended minutes were moved by Dr. Downey, seconded by Mr. Goldfarb and passed by a vote of 5 to 0.

558.03 Board Related Activities

Consultant List

The consultant list was provided for information. Mr. Kantorek noted that there is one contract pending award tonight which will be discussed in the Construction section.

#### 558.04 Planning and Administration

The most current 12-month average daily River Road Plant flow is 10,221,225 gpd with 845,487 gpd of approved but inoperative flow for a total committed flow of 11,066,712 gpd with 1,993,288 gpd or 15.26% of available capacity. The most current 12-month average daily flow at the Hopewell Plant is 245,218 gpd with 300 gpd of inoperative flow, for a total committed flow of 245,518 gpd with 18.16% or 54,482 gpd of available capacity. The Pennington Plant presently has 263,358 gpd as the most current 12-month average daily flow, with 29,959 gpd of approved but inoperative flow, for a total committed flow of 293,317 gpd with 2.23% or 6,683 gpd of available capacity.

Mr. Kantorek noted that the flows continue to trend upward as normal rainfall conditions return. At the River Road WWTP, there has been a reduction in available capacity of approximately 1.2 mgd as compared to one year ago; 600,000 gpd due to an increase in flows and 600,000 gpd due to the use of the new influent meter data.

#### Monthly Flow Transmittal

Mr. Kantorek indicated that several adjustments were made for the month of May.

At Meter Chamber No. 6, the meter data on May 27<sup>th</sup> was uncharacteristically low for a day when there was a significant rainfall event. Review of the hourly flow data indicated that there were five (5) hours of data with low readings. That data was replaced with the average of the hour before and after the low hourly readings.

At the Millstone Pumping Station, a review of the SCADA data indicated that on May 27<sup>th</sup> the wet well at the pump station was above its normal operating level for a portion of the day and that the meter was at its maximum capacity for a portion of the day on May 27<sup>th</sup> and 28<sup>th</sup>. When the wet well is above the normal operating limit, flow in the sewer system is backed up which affects the flow measurement in the Parshall flume. Upon review of the data it is believed that this affected the flow for both May 27<sup>th</sup> and the 28<sup>th</sup>. The ratio of Meter Chamber No. 7 to the Millstone Pump Station was calculated for the month of May. The ratio closest to the significant rainfall event (May 29<sup>th</sup>) was used to calculate the flow rate.

Recently the Pennington influent meter data has been consistently higher (approximately 60,000 gpd to 80,000 gpd) than the effluent data. Both meters have been verified and certified. The instrumentation technicians have conducted calibrations on the meters on several occasions. Some minor changes/adjustments were made to the data conversion blocks. This helped somewhat but did not solve the issue. Review of the diurnal curves indicated that during low flow periods the flow data between the influent and effluent meters seem to track more closely. However, when the flow increases the difference in the data increases.

One theory is that there could possibly be a leak somewhere at the plant. On June 21<sup>st</sup> an outside contractor was on site to excavate around the influent and effluent piping at the secondary clarifiers to determine if there was a leak; no leak was found. Staff will conduct

an additional investigation on June 26<sup>th</sup> at two locations – one near the building and one near the primary tanks. In addition, staff will be replacing the meters. However, prior to this, staff has requested that Kleinfelder evaluate the use of radar for the level sensor.

All remaining meters were within  $\pm 5\%$  accuracy and therefore no additional meter data adjustments were required.

#### 558.05 Approval Requests and Actions

##### TWA-1 Approvals

None.

##### Time Extensions

None.

##### NJPDES Applications

None.

##### Water Quality Management Plan Amendments

None

##### Allocated Flow Update

None.

#### 558.06 Regulatory Report

##### Discharge Monitoring Report (DMR)

Ms. Pchola reported that the June DMRs were submitted to the NJDEP.

Ms. Pchola indicated that the quarterly bioassay results for the River Road, Hopewell and Pennington WWTPs were conducted. All results were favorable.

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

Ms. Pchola noted that the March RDMRs were submitted to the NJDEP.

### Air Reporting

Ms. Pchola stated that the Annual Emission Statement for 2017 was prepared and submitted by KEMS on June 15, 2018.

### Laboratory

Ms. Pchola noted that SBRSA received its laboratory renewal certifications at all three facilities.

Ms. Pchola indicated that staff is working with Kleinfelder on chemical addition and filtration to determine if SBRSA can meet the 0.1 mg/l phosphorus limit with the new filters for River Road should the NJDEP impose that limit.

### 558.07 Safety

Mr. Irizarry reported as of June 19, 2018, Stony Brook Regional Sewerage Authority has gone 712 consecutive days without a “Lost Time Accident”.

Mr. Irizarry indicated that a safety committee meeting was held on June 5, 2018. A copy of the minutes was provided to the Board.

Mr. Irizarry noted that four inspections were performed during this reporting period:

1. South Brunswick Township Fire Department conducted the annual inspection at the South Brunswick Pump Station.
2. Survivor Fire conducted the annual fire sprinkler system inspection.
3. Fyre-Fyter conducted the annual fire door drop test.
4. Survivor Fire conducted the annual fire hydrant flushing and inspection.

Mr. Irizarry noted that SBRSA received the “Citation of Merit Award” from the Governor’s Occupational Safety and Health Awards Program for no lost time injuries in 2017.

Mr. Irizarry indicated that a copy of the River Road WWTP Emergency Action Plan (EAP) was provided to the Board.

Mr. Irizarry reported that confined space training was conducted for SBRSA’s four (4) new employees.

Chairman Bartolini commended staff for the “Citation of Merit Award”. Chairman Bartolini also indicated that the (EAP) is a good thing. Mr. Kantorek stated that SBRSA has had an EAP for many years and that the plan has been updated and modified.

Mr. Goldfarb stated that the one item that is not addressed in the EAP are issues regarding IT. There are many things that could go wrong; hacking, internet failures, equipment failures, etc.

Mr. Bixby indicated that SBRSA already has a document that EMA prepared that addresses IT emergencies. Staff will need to incorporate that document into SBRSA's EAP.

#### 558.08 Litigation

The Litigation Report was provided for information.

#### Stony Brook Regional Sewerage Authority versus New Jersey Department of Environmental Protection, Docket No. EWR 04903-2007S (River Road STP)

Ms. Alexander reported that Deputy Attorney General (DAG) Jacobine Dru contacted her in advance of the next status conference with Judge Caliguire scheduled for June 26, 2018. DAG Dru advised that NJDEP has determined that there will be no further attempts to resolve the Nitrate issue and that it will rely upon the rule as it stands. This ends the tiered use and drinking water intake protection regulatory effort. This will be conveyed to Judge Caliguire on June 26<sup>th</sup> and SBRSA's hearing request will proceed to hearing on the issue of Nitrates.

Mr. Morehouse asked how this would affect the treatment process. Mr. Kantorek indicated that the Authority would need to denitrify and convert the nitrates to nitrogen gas. Mr. Kantorek explained that River Road WWTP does not have the volume needed for denitrification and would need to build additional nitrification tanks. Included in each tank would be an anoxic zone for denitrification.

Mr. Kantorek stated that Hopewell WWTP's NJPDES pre-draft permit does not contain limits for nitrates. Mr. Kantorek indicated that staff has already begun to denitrify. As a result, when the NJDEP looked at the results for nitrates at the Hopewell WWTP, they were good. The Pennington WWTP can also denitrify. The expanded Orbal system will have a greater volume which can be used for an anoxic zone if required. The plant upgrade and expansion has been designed for the removal of nitrates if required.

Mr. Goldfarb commented that when the NJDEP issues the permit for the River Road WWTP it will include a limit for nitrates. Mr. Kantorek noted that the River Road WWTP permit already contains a limit for nitrates that SBRSA will not be able to meet and filed a request for an adjudicatory hearing. SBRSA has been on a stay for nitrates while the NJDEP reviewed the implementation of the tiered use rule. Now that the tiered use negotiation is over, SBRSA will now proceed with the hearing.

Mr. Morehouse asked if the Authority has land to construct the tanks at River Road. Mr. Kantorek indicated that the Authority purchased property from PSOC years ago and therefore there is adequate space for construction of the tanks.

Dr. Downey asked if SBRSA was the only Authority affected by the end of the tiered use. Ms. Alexander indicated that Authorities State-wide are affected. Mr. Morehouse added that it is only Authorities that discharge to freshwater streams.

A discussion followed regarding the nitrate limit in the River Road NJPDES permit.

#### Hopewell NJPDES Permit Concerns

On April 27, 2018, NJDEP issued a Pre-draft NJPDES Permit proposing to remove the Nitrate effluent limit and addressing the Capacity Assurance Program (CAP) implementation issues raised by SBRSA. SBRSA reviewed the Pre-draft NJPDES Permit prior to NJDEP's issuance of a draft permit and commencement of the formal comment period on May 17, 2018. The pre-draft and draft NJPDES Permits are essentially identical and favorably resolve the outstanding contested issues. The substantive changes propose to remove the nitrate limits, include minor changes to accommodate the new CAP regulations, and propose minor reporting requirements revisions. SBRSA is now awaiting final permit issuance prior to conclusion of this matter.

#### River Road Title V Air Permit

An Adjudicatory Hearing Request and Request for Stay of Enforcement was filed on behalf of SBRSA on June 6, 2018 to address the bypass stack issues contained in the proposed Title V Operating Permit BOP160001, which was received on May 17, 2018, and revised on May 30, 2018. The Hearing Request contests NJDEP's determination not to permit SBRSA's use of the Emergency Bypass Stack (U1 OS2 and OS4), which has been included in previous permits. SBRSA requests that language be added to SBRSA's Title V permit to enable SBRSA to appropriately operate its incinerators without threat of penalty and without endangering its employees or risking damage to its facilities.

### 558.09 Operations Report

#### River Road Facility

Mr. Stewart reported that Albertus Engineering was on site to de-slag Incinerator No. 2. Once that work was completed, Chavond Barry performed an inspection of that incinerator. Staff is waiting for the inspection report.

#### Upstream Facilities

Mr. Stewart indicated that the upstream facilities are operating well except for the issue that Mr. Kantorek discussed earlier with the significant difference in the influent and effluent meters.

#### Odor Report

Mr. Stewart reported that staff received one odor complaint during the month of May and one odor complaint during the partial month of June. The full June number will be reported at the July 2018 Board meeting.

A discussion regarding contacting the resident who filed the odor complaint took place. Mr. Goldfarb indicated that he feels contacting the resident is the better approach. Dr. Downey stated that there is a procedure in place regarding odor control and it should be the decision of staff as to how to handle the situation.

At the end of the discussion, Chairman Bartolini stated that staff will make the decisions regarding odor complaints as to whether the complainant(s) will be contacted.

#### Customer Septage and Sludge Deliveries

The quantities of liquid sludge and sludge cake were above their budgeted amounts. The quantity for gray water was below its budgeted amount for the month of May.

#### 558.10 Maintenance

Mr. Ireland reported that Pepcon CD401 was shut down for three weeks due to excessive vibration. The fan shaft bearings failed due to insufficient grease caused by broken grease lines. Several parts were replaced, and the fan was sent to Marshall Maintenance for balancing. Once completed that unit was tested and placed back into operation.

Mr. Kantorek noted that when one unit is down, the other unit is still working. The air that comes out of both the sludge storage and thickener tanks goes through the one operating odor control unit. There is still odor treatment. It may not be as efficient as utilizing both units, but it is not a raw odor discharge.

Dr. Downey also stated that the unit was down for three weeks.

Mr. Ireland indicated that on May 31, 2018, Secondary Clarifier No. 2 at the Hopewell WWTP failed on a high torque alarm because the skimmer assembly had become twisted and bent on the scum beach. A new skimmer assembly was fabricated in-house and installed. It was tested on May 31, 2018 and placed back into service.

Mr. Ireland stated that after being removed from service for four (4) months Princeton Sewage Pump No. 4 was placed back into operation on June 13, 2018 after major repairs were completed. The pump was removed by Shaft & Sleeve's because of a hole in the suction plate that had worn through the casing of the pump. The pump was reoutfitted with new bearings, volute, suction plate with wear rings, impeller and a mechanical seal. The pump has been tested and placed into operation. Mr. Kantorek indicated that each pump station is designed to handle peak flows with the largest pump out of service.

The current monthly open work requests stand at twenty (20). The preventative maintenance graphs show that SBRSA is currently averaging three (3) days overdue and the number of overdue units is approximately seventeen (17).

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

558.11 Construction Report

2018 Annual Inspection

Ms. Pchola reported that all field work for the 2018 annual inspection has been completed. Staff is currently waiting for the draft report.

Title V Permit

Ms. Pchola stated that Ms. Alexander reported on this in the Litigation section of the meeting.

Odor Sampling and Evaluation

Ms. Pchola reported that at the request of staff, TRC submitted a proposal to conduct the odor sampling and evaluation work. TRC has conducted this work for several years. A copy of the proposal was provided to the Board. Ms. Pchola indicated that the proposal is in the amount of \$18,530. Testing is tentatively scheduled for August 13<sup>th</sup> and 14<sup>th</sup>. Dr. Downey noted that the cost last year was \$18,120.

Staff recommended approval of Resolution 2018-32, Authorizing the Award of a “No Political Contributions Allowed” Contract to TRC for Odor Sampling and Analysis at the River Road Wastewater Treatment Plant in the amount of \$18,530. So moved by Dr. Downey, seconded by Mr. Goldfarb and passed by a roll call vote of 5 to 0. Resolution 2018-32 follows.

**Resolution Authorizing the Award of a “No Political Contributions Allowed”  
Contract to TRC for Odor Sampling and Analysis at the River Road WWTP**

**Resolution No. 2018-32**

**WHEREAS**, the Stony Brook Regional Sewerage Authority (SBRSA) has a need for the continuation of odor sampling in the summer of 2018 at the River Road Wastewater Treatment Plant (WWTP) and two (2) off-site locations; and

**WHEREAS**, the analysis will be used as a comparison to the analysis that was conducted in 2009 through 2017 to determine the odor characteristics at the River Road WWTP; and

**WHEREAS**, TRC has conducted this sampling and analysis in 2009 through 2017 and for continuity and consistency of the data TRC should conduct the sampling and analysis in 2018; and

**WHEREAS**, the term of this contract will take place during SBRSA’s FY 2018; and



**WHEREAS**, TRC has submitted a proposal dated June 5, 2018 indicating they will provide the sampling and analysis on a time and materials basis not to exceed \$18,530 without prior written approval from SBRSA; and

**WHEREAS**, TRC has submitted a Business Entity Disclosure Certification which certifies that TRC 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 current budget.

**NOW THEREFORE, BE IT RESOLVED** that the Board of the SBRSA authorizes the Chairman to enter into a contract with TRC as described herein.

Recorded Vote:

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

Contract 17-1 Pennington WWTP Upgrade and Expansion

Ms. Pchola noted that this project will be discussed tonight in Executive Session.

Millstone Pump Station Odor Abatement Design

Ms. Pchola reported that R3M continues with the design work for this project.

River Road WWTP UV Disinfection/Filtration Design

Ms. Pchola stated that Kleinfelder continues to work on the design. The subconsultants have completed the surveying work and started the geotechnical report. Kleinfelder is obtaining preliminary information from equipment vendors.

River Road WWTP Commercial Power Protection Project

Ms. Pchola reported that the pre-bid meeting was held on May 4, 2018 and an addendum was issued on June 12, 2018. Four bids were received on June 21, 2018 ranging in price from \$83,695 to \$104,272. The lowest bidder was Rogers-Cipollono in the amount of \$83,695. Ms. Pchola noted that Rogers-Cipollono has conducted work at SBRSA in the past.

Staff recommended approval of Resolution 2018-37, Authorizing the Award of Contract 18-2 River Road WWTP Commercial Power Protection Project in the amount of \$83,695. So moved by Dr. Downey and seconded by Mr. Goldfarb.

Mr. Goldfarb asked what was the dollar amount of the engineer's estimate. Ms. Pchola indicated that the estimate was conducted in-house, and it was approximately \$50,000. However, it was for equipment only. AECOM did not provide the estimate.

Resolution 2018-37 was then passed by a roll call vote of 5 to 0. The resolution follows.

**Resolution Authorizing the Award of Contract 18-2  
River Road WWTP Commercial Power Protection Project**

**Resolution No. 2018-37**

**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 "River Road WWTP Commercial Power Protection Project, Contract 18-2"; and

**WHEREAS**, sealed competitive bids were received by the Authority on June 21, 2018, as more fully set forth as attached; and

**WHEREAS**, the Authority has determined that the bid of Rogers-Cipollono Electric, Inc. is the lowest bid in the amount of \$83,695 and

**WHEREAS**, the bid received from Rogers-Cipollono Electric, 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 Stony Brook Regional Sewerage Authority has funds available in its retained earnings.

**NOW, THEREFORE, BE IT RESOLVED** by the Stony Brook Regional Sewerage Authority that it hereby awards the contract to Rogers-Cipollono Electric, Inc., the lowest responsive bidder; for the River Road WWTP Commercial Power Protection Project, Contract 18-2 in the amount of \$83,695 and

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

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

Contract 14-1, SBRSA Emergency Generator Project

Ms. Pchola reported that this project remains at 94% complete. On May 31, 2018, Rudox conducted training for the Operations and Maintenance staff on the new River Road Emergency Generator system. On June 19, 2018 Rudox and Thomas Controls Inc. (TCI) were on site to correct configuration and screen issues with the system.

Ms. Pchola noted that the emergency generator system is operating. TCI was on site June 25<sup>th</sup> to work on the as-built drawings of the natural gas piping. Ms. Pchola noted that there is still work that needs to be completed before the project can be closed out.

Mr. Goldfarb asked if TCI did everything that they should have done for the project. Ms. Pchola indicated that all aspects of this project were subcontracted. There are still outstanding items. A balance of \$283,000 is still owed to TCI.

Contract 16-1, Schwing Pump Replacement Project

Ms. Pchola reported that as of pay estimate No. 5 this project is 40% complete. MBE has installed Schwing Pump No. 4.

Ms. Pchola explained that the contract for the project includes a bonus associated with the completion of items in a specified period of time. In total there are four (4) interim completion dates. The installation of Pump No. 4 was completed approximately seven (7) days ahead of the first interim date. However, it is not online because there is an issue with one of the slide gates. A meeting was held on June 25<sup>th</sup> with the engineer and the contractor to discuss how to solve the problem with the slide gate. Ms. Pchola noted that the problem with the slide gate is not the fault of the contractor and therefore, will not have an impact on the payment of the bonus to the contractor.

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

Ms. Pchola indicated that the contractor has submitted the shop drawing for the sludge collector mechanism and it is currently under review.

Plant Influent Flow Meter

Ms. Pchola reported that the comparison of the influent meter and the sum of the billing meters indicates that the influent meter is approximately 4.8% higher.

Information Technology

Mr. Thomas reported that during the storm on May 27, the Hopewell WWTP experienced a power surge that affected several IT devices. Through communications with the Operator on site, it was determined that IT needed to go to the site for further investigation. All devices connected to the network were damaged. There were replacement parts in inventory at the River Road WWTP. IT was able to restore the local use of the SCADA system. Comcast was contacted, and the modem was replaced the following day. On May 29<sup>th</sup> the security appliance was received, and all communication was restored.

Mr. Thomas indicated that on June 20<sup>th</sup> maintenance staff had the front gate vendor on site for repairs. IT worked with the vendor and maintenance to program new access cards and system settings for the gate controller. The gate once again opens and closes on schedule.

Mr. Morehouse asked what steps staff has taken to suppress the surges. Mr. Thomas indicated that all the buildings have lightening suppressors. The surge came in from a utility pole that was wet. An Operator stated that he saw sparks coming from the pole. Staff believes it came in over the coaxial cable for the Comcast internet. SBRSA is in the process of obtaining a coaxial cable lightening arrester and ethernet cards.

558.12 Finance Report

Payment of Bills and Claims

Mr. Morehouse moved for approval of Resolution 2018-33 for the payment of bills and claims in the amount of \$1,106,898.37 with two signatures instead of three. The motion was seconded by Mr. Goldfarb and passed by a roll call vote of 5 to 0. Resolution 2018-33 follows.

**Resolution Regarding Payment of Bills and Claims**

**Resolution No. 2018-33**

**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 \$1,106,898.37 be approved for payment with checks bearing two authorized signatures instead of three authorized signatures.

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

### Treasurer's Report

Mr. Sears reported that net income for the six-month period ending May 31, 2018 is \$1,050,884.12. The Authority has total cash and investments of \$19,852,061.82 at an average interest rate of 0.65%. The current construction projects balance is \$14,417,149. Mr. Sears noted there are sufficient funds for these projects. The outstanding bond principal balance is \$18,880,806.

### Solar Analysis

Mr. Sears stated that as requested by Mr. Morehouse a new chart illustrating Solar Production was included in the Board book.

Mr. Goldfarb asked why solar production was higher in the spring than in the winter months. Mr. Sears indicated that there are more sunlight hours during the spring and summer months. Mr. Goldfarb asked why overall energy usage has increased. Mr. Kantorek stated that it is mostly related to energy consumption required to incinerate additional customer sludge.

Mr. Sears noted that the total savings from the solar power from October 2017 to May 2018 is \$46,203.

Mr. Morehouse recommended that the solar chart be refined to include the total dollar amount saved, total kWh and pounds of carbon saved.

### 2% Cap

Mr. Sears reported that a memo regarding the impact of the 2% cap on the 2018 budget was included in the Board book.

Mr. Sears reviewed some of the highlights of the proposed 2% cap law.

Mr. Sears stated the 2% cap on revenues will be on the Authority total fee funded revenues and not on the proportionate share to each member. There are two (2) caps associated with the regulation. There is a 2% cap on revenues and a 2% cap on appropriations; however, there are certain appropriations that fall outside the cap. Capital Improvement Fund, emergencies and debt service are 100% outside the cap. Several appropriations that exceed

2% of the prior year's appropriation are also allowed outside the cap. These include energy costs, pension costs and health care costs.

Mr. Sears indicated that the new law does include a provision to request a waiver to exceed the revenue cap. The first is a reduction in the use or service of the system and the second is to increase revenues by the out of cap appropriation to ensure the fiscal integrity and stability of the Authority.

A discussion followed regarding the new regulation. Mr. Goldfarb inquired if the expiring debt service adjustment will have an affect on the individual participants, causing the Authority to exceed the 2% cap. It was decided to wait for the final regulation to be published before discussing the possibilities.

Chairman Bartolini asked Mr. Sears if the 2% cap was in effect for the current fiscal year how would it have affected the 2018 budget. Mr. Sears indicated that based on the 2018 Budget, the 2% cap would not have affected the Authority's revenues. The increase to our participants was 1.5%.

#### 2019 Budget Schedule and Instructions

Mr. Sears indicated that a copy of the 2019 Budget schedule was included in the Board book.

#### Monthly Sludge Business Analysis

Mr. Sears reported that the net income figure for the month of May is \$131,594 and the cumulative net income is \$632,527.

#### 558.13 Personnel Report

The Personnel Report was provided for member information.

Mr. Kantorek noted that the Authority currently has forty-five (45) employees and one (1) vacancy.

Chairman Bartolini noted the passing of two Stony Brook Regional Sewerage Authority employees: Ms. Diane Redding and Mr. James Lovell. Chairman Bartolini indicated that they will be missed.

#### 558.14 Correspondence

For information.

558.15 Old Business

None

558.16 New Business

Re-bid for the Supply of Schwing Pump Replacement Parts and Bid for the Liquid Magnesium Hydroxide

Mr. Sears reported that on June 20, 2018 bid openings were held for the re-bid for the supply of schwing pump parts and liquid magnesium hydroxide. No bids were received for either bid.

Mr. Sears indicated that since no bids were received for the second re-bid for Schwing Pump parts, SBRSA can now negotiate directly with the vendor.

Mr. Sears noted that staff will advertise for the re-bid for the supply of liquid magnesium hydroxide. It is anticipated that a contract will be awarded at the July 23, 2018 Board meeting.

Mr. Kantorek indicated that both Schwing and the vendor for liquid magnesium hydroxide each thought their respective bids were due on different dates. That is the reason no bids were received for each contract.

558.17 Open to the Public

558.18 And such other issues as may come before the Board

None.

558.19 Executive Session

Resolution 2018-20, Resolution Authorizing Closed Session Pursuant to the Open Public Meetings Law

The Board entered Executive Session at 8:29 pm to discuss Non-union salary increases for 2018 and in order to receive legal advice regarding Local Public Contracts Law issues that constitute communications subject to attorney/client privilege, by way of Resolution 2018-38 on a motion by Mr. Morehouse, seconded by Dr. Downey and passed by a roll call vote of 5 to 0. Resolution 2018-38 follows.

**RESOLUTION AUTHORIZING CLOSED SESSION PURSUANT TO THE OPEN  
PUBLIC MEETINGS LAW**

**Resolution No. 2018-38**

**BE IT RESOLVED** by the Stony Brook Regional Sewerage Authority (“Authority”) on this 25th day of June, 2018, as follows:

1. The Authority shall adjourn to executive session in accordance with N.J.S.A. 10:4-12(b)(7), being the Open Public Meetings Law, in order to discuss Non-union salary increases for 2018 and in order to receive legal advice regarding Local Public Contracts Law issues that constitute communications subject to attorney/client privilege.
  
2. The Minutes of the executive session relating to contract negotiations shall be available to the public as required by law and as soon as the matters under discussion are fully resolved as between the parties and are no longer of a confidential or sensitive nature. The minutes of the executive session relating to attorney/client privilege will be released to the public if and when the matters under discussion are no longer of a confidential or sensitive nature.
  
3. 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

Report of Executive Session

There was a discussion regarding the bids received for Contract 17-1, Pennington WWTP Upgrade and Expansion. Based on the review of the lowest bid by staff and our attorney, it was determined that the Authority would waive all immaterial defects and award the contract.

Mr. Kantorek (Executive Director) also presented his recommendation of a 2.5% increase in wages for all of the non-Union personnel to the Board.

Return to Public Session

The Board returned to Public Session at 9:15 pm on a motion by Dr. Downey, seconded by Mr. Goldfarb and passed by unanimous vote.



Resolution 2018-36, Authorizing the Award of Contract 17-1 Pennington Wastewater Treatment Plant Upgrade and Expansion Project

Staff recommended approval of Resolution 2018-36, Authorizing the Award of Contract 17-1 Pennington Wastewater Treatment Plant Upgrade and Expansion Project to CMS Construction, Inc. in the amount of \$9,669,500. So moved by Dr. Downey, seconded by Mr. Goldfarb and passed by a roll call vote of 5 to 0. Resolution 2018-36 follows.

**Resolution Authorizing the Award of Contract 17-1  
Pennington Wastewater Treatment Plant Upgrade and Expansion Project**

**Resolution No. 2018-36**

**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 “Pennington Wastewater Treatment Plant Upgrade and Expansion Project, Contract 17-1”; and

**WHEREAS**, sealed competitive bids were received by the Authority on June 7, 2018, as more fully set forth as attached; and

**WHEREAS**, the Authority has determined that the bid of CMS Construction, Inc. is the lowest bid in the amount of \$9,669,500 and

**WHEREAS**, the bid received from CMS Construction, Inc. has been reviewed by SBRSA staff and the Authority’s legal counsel, as more fully set forth as attached, 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 its retained earnings and 2012 Refunding Bonds.

**NOW, THEREFORE, BE IT RESOLVED** by the Stony Brook Regional Sewerage Authority that it hereby awards the contract to CMS Construction, Inc. the lowest responsive bidder; for the Pennington Wastewater Treatment Plant Upgrade and Expansion Project, Contract 17-1 in the amount of \$9,669,500; and

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

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

Salary Increase for Non-Union Personnel

The Board approved a 2.5% wage increase for all non-Union employees by a vote of 5 to 0.

558.19 Adjournment

As there was no further business to come before the Board, the meeting was adjourned at 9:18 p.m. on a motion by Mr. Morehouse and seconded by Dr. Downey and passed by unanimous vote.

Respectfully Submitted,

John Kantorek  
Secretary

Recorded and Written by  
Patricia Carlino  
July 5, 2018