

Minutes of Meeting #477, September 26, 2011 – Stony Brook Regional Sewerage Authority

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

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

MEMBERS ABSENT: McKinnon, Miller

CONSULTANTS: Alexander

STAFF PRESENT: Bixby, Carlino, Coleman, Kantorek, Kunert, Neuhof, Pchola, Rahimi, Redding

477.01 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 Borough Hall Bulletin Board.

477.02 Approval of Minutes

Chairman Bartolini asked for comments/questions on the minutes of the July 25, 2011 Board meeting. Dr. Downey questioned whether these minutes could be amended at a later date. Ms. Alexander indicated that a correction referring to previous meeting minutes could be notated at a future meeting; however once the minutes for July 25th are approved they cannot be amended at a later date.

The minutes of the July 25, 2011 Board meeting were approved as presented on a motion by Mr. Morehouse, seconded by Dr. Downey and passed by a vote of 4 to 0.

477.03 Board Related Activities

OPRA Requests

Mr. Kantorek indicated that SBRSA received its first OPRA request for the minutes and the recording of a Board meeting. Although this is the first time that the Authority has received such a request, the Authority could receive similar requests in the future. In accordance with the record retention schedule issued by the Division of Archives and Record Management of the State of New Jersey, the recordings of Board meetings must be held for eighty (80) days while the written minutes are kept permanently. SBRSA will follow this retention schedule.

PlanSmart NJ

Mr. Kantorek indicated that the Authority has purchased a government non-profit table for the annual dinner being held on November 9, 2011. Any Board member who is interested in attending should contact Mr. Kantorek.

Consultant List

The consultant list was provided for information. Mr. Kantorek noted that no contracts were pending for award.

477.04 Planning and Administration

Mr. Kantorek reported that the most current 12-month average daily River Road plant flow is 9,825,094 gpd with 796,395 gpd of approved but inoperative flow for a total committed flow of 10,621,488 gpd with 2,438,512 gpd or 18.67% of available capacity. The most current 12-month average daily flow at the Hopewell Plant is 257,032 gpd with no inoperative flow, for a total committed flow of 257,032 gpd with 14.32% or 42,968 gpd of available capacity. The Pennington Plant presently has 268,032 gpd as the most current 12-month average daily flow, with 12,560 gpd of approved but inoperative flow, for a total committed flow of 280,592 gpd, with 19,408 gpd or 6.47% of available capacity. Mr. Kantorek noted that the inoperative total for the Pennington Plant is the unused portion of Bristol-Meyer Squibb approved flow.

Mr. Kantorek noted that the month of August added 500,000 gallons to the 12-month daily average flows at River Road WWTP. It is likely that SBRSA will see an additional 500,000 gallons per day added to September's 12-month daily average flow. Mr. Kantorek indicated that the rainfall from Hurricane Irene is reflected in the August flows and Tropical Storm Lee will be included in the September flow report.

Dr. Downey noted that rainfall totals from Hurricane Irene surpassed the rainfall amount of tropical storm Floyd by five (5) inches.

Mr. Kantorek noted that August was the wettest month in the Authority's history. SBRSA recorded eighteen (18) inches of rain in August and six (6) inches early in September. A significant portion of the record rainfall in August is attributed to Hurricane Irene.

Monthly Flow Transmittal

The monthly flow transmittals for July and August were provided for information.

Mr. Kantorek noted that adjustments were made for the month of August. The affects of Hurricane Irene made calculating the adjustments a difficult and complex process.

On September 1, 2011 staff conducted the flow certification. The Princeton-Forrestal, North Ridge, and Meter Chamber No. 7 all indicated that the meters were reading outside of the accepted accuracy of ± 2 percent. However due to the fact that the flow is measured utilizing a parshall flume at these locations there is a very strong likelihood that the transponder for the meter could have been affected by the high flows during Hurricane Irene (August 27th – 29th). As a result of the storm we have not made "whole month" adjustments to these meters based on the results of the certification. These meters were recalibrated to a corrected accuracy of ± 2 percent on September 1, 2011.

Flows for the Stony Brook Regional Sewerage Authority are metered at our three pumping stations and at various meter chambers. The flow measuring devices used are parshall flumes (all meter chambers and the Millstone Pumping Station), weirs (effluent at the two upstream plants) or venturi tubes (Princeton and South Brunswick Pumping Stations and the River Road Plant Influent). The selection of the measuring device is based on several factors such as gravity flow or pumped flow, and participant connection point configuration. SBRSA has accepted/established that these measuring devices and metering equipment are accurate within ± 2 percent. However, when the parshall flume or weir is surcharged or blocked the flow measurements are inaccurate. However, with the venturi tube all flow that is pumped is measured. With this, as staff reviewed the metered flows during Hurricane Irene, staff used the Princeton PS, South Brunswick PS, and River Road Plant Influent flows as anchor points for establishing the flows for the remaining sites.

Both Meter Chamber No. 6 and Meter Chamber No. 7 are upstream of the Millstone Pumping Station. However during times of “extreme” wet weather conditions (like during Hurricane Irene) flow at the Millstone Pumping Station backs up and overflows the wet well and continues to flood the intermediate floor of the pumping station. This floods the Millstone Pump Station flow meter.

During Hurricane Irene it was reported that the water level at the Millstone Pumping Station was a few feet below the loading dock. The situation was caused by high levels of infiltration/inflow (I/I) in the system and floodwaters of Lake Carnegie inundating manhole covers on Harrison Street. As a result of this storm and based on water elevations at the Millstone Pumping Station and elevations at Meter Chambers No. 6 and No. 7, staff determined that in addition to the Millstone Pumping Station meter both Meter Chambers No. 6 and No. 7 were flooded and therefore needed to be adjusted for this event.

The flows were adjusted for August 28th and 29th at Meter Chamber No. 6 by the following method. Staff reviewed data from significant rainfall events and compared Meter Chamber No. 6 flows to the flows at the Princeton Pumping Station. As a result, it was determined that during significant rain induced high flows, Meter Chamber No. 6 flows are approximately 72% of the Princeton Pump Station flows. Therefore the flows on August 28th and 29th for Meter Chamber No. 6 were calculated based on 72% of the Princeton Pumping Station flows.

The flows were adjusted for August 28th, 29th and 30th at the North Ridge Meter Chamber by the same method used for Meter Chamber No. 6. During rain induced high flows at North Ridge, the flows are approximately 8.3% of the Princeton Pump Station flows. Therefore the flows on August 28th, 29th, and 30th for North Ridge were calculated based on 8.3% of the Princeton Pumping Station flows.

As previously indicated, the flows at Meter Chamber No. 7 and the Millstone Pumping Station Flow Meter were affected by the Millstone Pumping Station water elevation. Since the flows are invalid for those days, we used an alternative approach to determine the flows on August 28th through the 31st.

The flow adjustment for August 28th was based on the River Road Plant influent meter data for that day in combination with the “best estimate” of the plant blending line flow

(there was an issue with the plant blending line meter and therefore the flow was estimated based on the high water elevation over the weir). It was determined that on August 28th the flow to the River Road Plant was approximately 41 mgd. The total flow contributed from Meter Chamber No. 7 and the Millstone Pumping Station meter was determined by subtracting the adjusted flows from all of the other meters from the total estimated flow of 41 mgd. The total flow from Meter Chamber No. 7 and the Millstone Pumping Station Flow Meter was distributed 80% to Meter Chamber No. 7 and 20% to the Millstone Pumping Station Flow Meter based on previous flows recorded during significant storm events.

Upon review of the flows on August 30th and 31st, staff determined that the flows were too high. This was caused by a blockage in Meter Chamber No. 7. Staff utilized data from the storm on September 8, 2011 to project flows for August 30th and 31st since the total flow to the River Road STP on that day was similar to the total flow on August 29, 2011. Staff replaced the flows for the 30th and 31st with the flows from September 9th and 10th (the days after the event).

The flow adjustments for August 29th were based on the adjustments from August 28th and 30th. We used the average of these two days to determine the flow for August 29th.

The Hopewell STP influent data when compared to the effluent data during Hurricane Irene and immediately following the storm were uncharacteristically low. The data from August 28th through August 31st were replaced with the effluent flow data.

477.05 Approval Requests and Actions

None.

Time Extensions

None.

NJPDES Endorsements Requested

None.

Water Quality Management Plan Amendments

None.

477.06 Regulatory Report

Discharge Monitoring Report (DMR) and NJPDES Compliance

Mr. Rahimi reported that the Discharge Monitoring Reports for the months of July and August were submitted to the NJDEP. There were no violations reported for all three treatment plants.

Mr. Rahimi reported that the quarterly chronic bioassays were run in August for all three facilities and submitted to the NJDEP.

Mr. Rahimi indicated that the results of the second and third events of the second round of Low Level Mercury (EPA 1631E) Monitoring Program were submitted to NJDEP.

Mr. Rahimi reported the semi-annual Phosphorus Compliance Report was filed for the River Road plant. A copy of this report was provided to the Board.

Residual Discharge Monitoring Reports

Mr. Rahimi reported that the May, June and July Residuals Discharge Monitoring Reports were submitted to the NJDEP. All River Road parameters were compliant with the Air Permit requirements.

Air Reporting

Mr. Rahimi reported that on September 14, 2011 an Affirmative Defense was submitted to NJDEP covering the high percent oxygen occurrence on April 8, 9, and 10, 2011 when Incinerator #2 was operating using the Afterburner. A copy of this letter was provided to the Board. This Affirmative Defense was submitted based on discussions with an NJDEP Air Compliance officer who was on site on August 15, 2011 to conduct an inspection of SBRSA's incinerator operations. Mr. Rahimi noted that in the first paragraph of the letter the year was stated as 2010 and should be 2011.

Mr. Rahimi reported that the 2nd quarter Incinerator Sludge Report was submitted to NJDEP. There were no exceedances reported for the monthly and rolling-12-month averages for metals in the sludge fed to the incinerator.

Mr. Rahimi indicated that an inspection of SBRSA's incinerator operations and records was conducted by NJDEP Air Compliance and Enforcement on August 15, 2011. Staff is waiting for the report; however no issues of noncompliance were discussed during the inspection.

Mr. Rahimi reported that CBE is in the process of preparing the stack test protocol for the five-year compliance stack testing. The protocol is required to be submitted within 30 months of the date of the approved operating permit which is March 23, 2009. The protocol is required to be submitted by September 23, 2011 and was submitted within that timeframe.

Mr. Rahimi indicated that the SBRSA staff prepared and submitted the following reports: the Semi-annual Title V Compliance Certification Report, the 2nd quarter Excess Emissions and Monitoring Report and the federal 40 CFR 60 Subpart O Semi-annual Report.

Safety

Mr. Rahimi indicated that the following safety training was provided:

| <u>Date</u> | <u>Training</u> | <u>Provider</u> | <u>Number of Employees</u> |
|-------------|----------------------|---------------------------|----------------------------|
| 8/10/11 | Respirator Fit Tests | Certified Health & Safety | 4 |
| 8/10/11 | CPR/AED | Certified Health & Safety | 14 |
| 8/10/11 | First Aid | Certified Health & Safety | 14 |
| 8/10/11 | Bloodborne Pathogens | Certified Health & Safety | 14 |
| 8/24/11 | Fall Protection | Certified Health & Safety | 26 |
| 8/24/11 | Hearing PPE | Certified Health & Safety | 26 |
| 9/04/11 | Bloodborne Pathogens | SBRSA | 35 |

Laboratory

Mr. Rahimi indicated that the DMR-QA Study 31 test results were reported to the USEPA Region 2 DMR coordinator.

Miscellaneous

Mr. Rahimi reported that the sandblast disposal annual recertification was submitted to Waste Management of Pennsylvania and was approved.

A facility site inspection was conducted by the Environmental Joint Insurance Fund (EJIF) on September 12, 2011. The site visit included inspection of our underground and above grade storage tank facilities, spill prevention equipment, container management (drum storage), etc.

Oath of Office, Bharat Patel, South Brunswick Township

Mr. Patel arrived at 7:50 pm. Ms. Alexander, Counsel for the Authority, administered the oath of office to Mr. Patel. Mr. Patel has been re-appointed as the South Brunswick Township representative to the Authority's Board.

477.07 Litigation

The Litigation Report was provided for information with the following updates.

River Road Permit Concerns

Ms. Alexander reported that the NJDEP has expressed its intent to Judge Masin, to issue a draft and final permit for the River Road facility next year and has requested that the pending request for an adjudicatory hearing be placed upon the inactive list for six (6) months.

Ms. Alexander indicated that the only issue pending was the influent meter. However, the new headworks project includes a new influent meter and therefore, the issue is moot.

Hopewell Permit Concerns

Ms. Alexander indicated that the NJDEP issued the draft permits for the Hopewell and Pennington STPs on July 21, 2011. The terms and conditions of the draft permit were not consistent with the prior discussions between the parties, and while the Phosphorus limit

is revised to monitor and report only, the Nitrate and Copper issues are carried forward in the permit action unchanged. Comments contesting the inclusion of Nitrates and Copper limitations, as well as comments regarding other minor issues, were prepared and submitted to NJDEP on September 6th during the public comment period.

NJDEP has expressed its intent, through its counsel, DAG Jane Engel, to Judge Masin, to finalize the permit by the end of October, 2011 and has asked that the pending adjudicatory hearing request filed relevant to SBRSA's existing permit be placed on the inactive list for three months. To date, Judge Masin has not ruled on this request but it is anticipated that this request will be granted.

Pennington Permit Concerns

Ms. Alexander reported that meetings and discussion between AEA representatives and the NJDEP have been held where the issue of nitrates and the other drinking water related parameters were discussed, particularly with regard to the impact of the regulation of these pollutants upon the Pennington facility. All in attendance and involved believe that the concerns were received in a manner that appears favorable to SBRSA. Additional smaller group meetings to specifically discuss these issues are planned between AEA representatives and NJDEP, and it appears that this view of the regulation of drinking water based parameters in areas where no potable water source exists is moving forward at NJDEP in a manner that is favorable to a reasonable and appropriate remedy of the issue.

As with the Hopewell permit, NJDEP has expressed its intent to finalize this permit by the end of October, 2011 and has asked that the pending adjudicatory hearing request filed relevant to SBRSA's existing permit be placed on the inactive list for three months. It is anticipated that Judge Masin will grant this request.

Mr. Kantorek reported that staff has learned that a Public Hearing will take place for the two upstream permits. It appears that the Hearing will be held on November 16, 2011 at the Hopewell Township Building, if approved by the Township, from 4:00 pm to 9:00 pm.

Ms. Alexander indicated that this is not the norm and Public Hearings are not usually held for these permits.

A lengthy discussion regarding the planning and preparation for the hearing took place.

Mr. Morehouse indicated that the clerks of SBRSA's member municipalities should be notified of the hearing once staff has received notice from the NJDEP. Mr. Morehouse suggested that staff may want to consider a meeting with its member municipalities' council etc. to explain the impact that the parameters will have on their communities. SBRSA needs to convey to everyone that it is concerned with the environment but that there is no scientific basis for these stringent limits in the permits, and that the Authority holds a fiduciary responsibility. It may also be helpful to include the cost summary of capital projects the Authority has undertaken to illustrate its diligence to preserve the quality of the environment. Ms. Alexander cautioned that NJDEP will most likely break these costs down to pennies a day.

Dr. Downey indicated that there are two issues that need to be addressed. The first concerns corresponding with the NJDEP in order to preserve the Authority's legal rights. The second issue is developing a presentation that is understandable to the general population. The Board agreed that the information needs to be presented in a way that people can understand.

Mr. Kantorek noted that on the table is a copy of a letter submitted to the NJDEP from the Stony Brook Millstone Watershed Association in support of the Pennington STP NJPDES permit as issued by the State.

New Source Performance Standards for Sewage Sludge Incinerators (SSI) Rule Proposal

Ms. Alexander reported that on September 9, 2011, the National Association of Clean Water Agencies (NACWA) filed an Emergency Joint Motion for Stay of the SSI Rule, along with Hatfield Township Municipal Authority, claiming that the Rule was an extreme example of Agency inflexibility and regulatory corner-cutting that resulted in imminently harmful results for the communities that rely upon incineration.

Proposed New General Permit for Residuals

Ms. Alexander reported that NJDEP has proposed a preliminary draft Residuals Master Permit and advised of its intent to remove from all NJPDES Permits of publicly owned treatment works permitted to discharge in excess of 5 MGD, the terms and conditions relevant to residuals management for inclusion in the new General Permit designed to implement the Sludge Quality Assurance Regulations (SQAR). The proposed action is relevant to the standards for residual use and disposal, monitoring and reporting. It is currently being reviewed for any potential impact upon the SBRSA's Title V permit.

477.08 Operations Report

Mr. Kunert indicated that the climber screen at the Princeton Pumping Station has been repaired and is back in service.

Mr. Kunert reported that during routine maintenance it was discovered that the battery charger for the emergency generator batteries at the South Brunswick Pumping Station failed. A temporary charger was installed by Highland Industrial Turbine Service and a new charger was ordered. The new charger was delivered and was installed by Highland Industrial Turbine Service Company.

Mr. Kunert indicated that the significant growth of water fleas (Daphnia) at all three treatment plants is under control. The Daphnia brood has run its course and died off as they normally do each year.

Mr. Kunert reported that on August 15, 2011 SBRSA experienced high flows due to 4.5 inches of rain. The operators raked the bar screen at the Millstone Pumping Station prior to putting the second Modified Aeration Clarifier on-line and as a result, overflowed Structure #1A and the Modified Aeration Clarifier Splitter Box. The spill was cleaned up and the area was thoroughly limed. NJDEP was notified.

Mr. Kunert indicated that the Flowminutor at Millstone Pumping Station was refurbished and re-installed and is back in service.

Mr. Kunert reported that Modified Aeration Clarifier #2 and nitrification settling tank #4 were taken off-line and cleaned. They will remain in stand-by until needed. The “ragless” MA Tank aerators are passing the rags to the next process stage. Mr. Kantorek noted that the new headworks project will remove these rags prior to the MA process tanks.

Mr. Kunert noted that on August 28 and 29, 2011 Hurricane Irene brought heavy rains and very high flow. All pumps were needed at all pump stations. SBRSA was on emergency power for several hours during the storm. In addition to loss of power, there was a loss of communications with the SCADA system. The generator fuel tank at the Millstone Pumping Station ran empty at 0815 hours on August 29, 2011. Flooding on Harrison Street prevented a fuel truck from getting to the pump station in time. The pump station went without power for approximately five (5) hours. Highland Industrial Turbine Service (HITS) was contacted immediately as were several fuel vendors. Mr. Kunert noted that staff began to contact vendors for fuel at approximately 0400 hours on the 29th. The fuel truck was able to reach the pump station at 1300 hours. Whiling filling the tank, commercial power was restored. HITS was able to service and test the generator and it functioned normally. The Pump Station went back on emergency power for a few hours that evening. Staff contacted all the necessary agencies within an hour of the start of the event.

Mr. Kantorek noted that in addition to the loss of commercial power at the Millstone Pumping Station, SBRSA also lost communication with the SCADA system. Mr. Kantorek indicated that the water level on the outside of the building was a few feet below the loading dock and was the same as the water level inside the building. This indicated that the pumps were basically trying to pump down the flooding caused by Lake Carnegie. This caused the generators to prematurely run out of fuel. All roads to the Millstone Pumping Station were inundated.

Photos were provided to the Board which illustrated the high water level and flooding caused by Hurricane Irene of the Millstone River at the River Road WWTP site. The high water level was approximately the same as that of Hurricane Floyd.

Odor Reports

Mr. Kunert reported that staff received no odor complaints from our surrounding area during the months of July and August. No odor complaints have been received for the partial month of September.

Customer Septage and Sludge Deliveries

The quantity of sludge cake for the month of July exceeded the budgeted amounts, while quantities of liquid sludge, septage and gray water were below the budgeted amounts.

The quantities of liquid sludge, sludge cake, septage and gray water for the month of August were below the budget amounts. This is attributed to road closures caused by Hurricane Irene.

Maintenance Reports

Mr. Kunert indicated that all the reports show continued improvement in the overall performance of the Maintenance Department.

Dr. Downey reported that Cherry Valley Road from Bristol Meyer Squibb to the Great Road will be under construction for several months. There will be an around the clock test for one week to allow the water company to lay pipe. This test will be used to determine if the Township will allow around the clock work to reduce the number of months that the roadway will be affected. There will be road closures that may create a problem getting to and from the Pennington and Hopewell STPs.

477.09 Construction Report

2011 Annual Inspection

Ms. Pchola reported that staff provided AECOM with comments on the 2011 Annual Inspection Report on August 4, 2011. Staff received the revised Annual Inspection Report on September 16, 2011. The maintenance staff has started to address items in this report starting with Scum Pump Station No. 1 near the MA Settling Tanks.

Pennington STP Upgrade and Expansion

Ms. Pchola indicated that staff, in conjunction with SBRSA's attorney and Omni Environmental has provided comments on the draft NJPDES permit. No action is required at this time until staff receives a response from NJDEP regarding the comments.

Incinerator New Rules

Ms. Pchola reported that the National Association of Clean Water Agencies (NACWA) submitted a Petition for Reconsideration and Stay on May 24, 2011 regarding the new Sewage Sludge Incinerator (SSI) Rules. On August 31, 2011, EPA's counsel informed the petitioners that they will not reconsider the decision to regulate SSIs under §129 of the Clean Air Act (CAA) and will not grant the request for an administrative stay. On September 9, 2011 NACWA filed a Motion for Stay of the SSI rule with the federal U.S. Court of Appeals for the District of Columbia. NACWA filed this motion asking the court to judicially place implementation of the SSI rule on hold (since EPA is planning to deny the administrative request for a stay). NACWA's motion also requests an expedited review of the stay request by the court, and is hopeful that the court will issue a decision on the motion as soon as possible. NACWA has been keeping all informed via email and has scheduled a conference call on September 28, 2011 to provide a comprehensive update.

Staff attended the New Jersey Water Environmental Association Technology Transfer seminar regarding the New SSI Rules on September 15, 2011. Staff has requested that CBE provide us with a memorandum indicating how our incinerator performance compares to the new SSI Rules as related to existing incinerators (there are different rule limits for new and existing incinerators as well as different rule limits for multiple hearth

and fluidized bed incinerators). It is anticipated that the Board will be provided with this information at the October Board meeting. If the stay is not granted SBRSA would have to comply with the regulations by May 20, 2016. It should be noted that at this time NJDEP has elected to adopt/implement the EPA rules.

Mercer County Wastewater Management Plan

Ms. Pchola indicated that staff has had some initial contact with the Mercer County Planning Board regarding the present flows to be used for the River Road STP. Staff sent Mercer County the most recent flow data (up through June 2011) for their review. Staff has begun preparing comments on the draft Mercer County WMP.

Odor Control

Ms. Pchola reported that TRC conducted the odor sampling on August 9 and 10, 2011. Staff is in the process of reviewing the sampling results.

The replacement of the carbon media for the Sludge Cake Receiving Facility odor control unit was completed on June 30, 2011. In late July, Authority personnel began to detect odors in the area of the sludge cake receiving facility unit. The sampling conducted by TRC in August confirmed that the odor control unit was experiencing breakthrough after approximately six (6) weeks of service. TRC and Omni were contacted regarding the situation and it was recommended that testing be conducted on the inlet air to the odor control unit, the outlet air from the unit, and testing of the carbon media. The inlet and outlet air would be tested for volatile sulfur compounds (VSC) and volatile organic compounds (VOC). A butane activity test would be run on the carbon media to determine the existing adsorptive capacity. Cost proposals solicited for the sampling and testing indicate the analysis would cost approximately \$1,800.

Ms. Pchola indicated that NJDEP issued the Certificate of Authority to Operate a Beneficial Use Project for the biofilter media. The certificate was issued on July 27, 2011 and will expire on July 27, 2013. SBRSA is now authorized to use the spent biofilter media as landscape ground cover throughout the River Road plant site.

Contract 07-1, River Road STP Regenerative Afterburner (RTO)

Ms. Pchola reported that this project remains at 98% complete. On August 18, 2011 Bionomic Industries (BI) completed particulate sampling of the inlet and outlet of the WESP. On September 13, 2011 BI completed another round of sampling on the outlet. The results of tests are being reviewed by BI. SBRSA has not received any information regarding the scheduling of the performance test.

Contract 10-1, Headworks Project

Ms. Pchola reported that this project is 10% complete. Over the last two months Tomar continued to submit shop drawings, completed the excavation and stockpile of the landfill overburden, installed the 20-inch bypass piping, prepared for and completed the bypass of the 20-inch force main, installed the new fire hydrant and associated piping and valves, and routine maintenance of silt and safety fence and stockpile cover.

On Wednesday morning September 21, 2011 the 20-inch force main was bypassed. This work was completed as a joint effort between the contractor and SBRSA personnel. SBRSA implemented a bypass operation that intercepted the flow prior the Princeton Pump Station and bypassed the flow to the Backwash Storage Tank located on the treatment plant site. This required two (2) 900 gpm diesel pumps and approximately 1,200 feet of 6-in hose. Tomar cut the existing force main and installed a wye connection and bypass piping. During the installation of the bypass piping, one of the thermally welded connections on the high density polyethylene pipe (HDPE) separated. The joint was repaired using a 20-inch pipe repair clamp and mechanical joint restraints. Normal flow was restored using the bypass piping.

Ms. Pchola reported that the existing 6-inch city water line that provides potable water service to the Septage Building and the Chemical Building needs to be relocated to allow for the construction of the new Headworks Building and grit removal tanks. Potable water is provided to the Septage Building's sanitary facilities and eyewash station. The relocation of the city water line is shown on the drawings and is stated in the Contract Specifications however, the connection to the Septage Building was inadvertently left off of the drawings. The Contractor was asked to submit a proposal to install a new connection for the Septage Building from the relocated city water line which will involve the installation of a 2-inch service saddle connection, shut-off valve and curb box, 2-inch copper piping and an adapter to the existing Septage Building water line. Change Order No. 3 in the amount of \$10,438.95 provides for the excavation, installation, backfill, and all labor, equipment, and materials.

Staff recommended approval of Change Order No. 3 in the amount of \$10, 438.95 for the excavation, installation, backfill and all labor, equipment and materials. So moved by Dr. Downey, seconded by Mr. Morehouse and passed by a vote of 5 to 0.

Ms. Pchola explained that as part of the Headworks Facility project the existing North Ridge gravity sewer line is to be relocated and connected to the new headworks building influent chamber. The North Ridge gravity sewer conveys wastewater from the North Ridge section of Princeton Township to the River Road treatment plant via the North Ridge meter chamber. On June 16, 2011 the flow was stopped and the gravity line was cut and connected to temporary bypass piping diverting the wastewater flow around the existing grit chambers and directly into MA Tank No.2. After the bypass was installed the contractor began to demolish the now abandoned gravity sewer line. It was quickly discovered that the entire length of piping to be removed was embedded in a concrete casing up to the spring line of the pipe and the casing and pipe were placed on top of a concrete footing. During the design process Omni Environmental referenced drawings titled "North Ridge Sewage Pumping Station Force Main, & Gravity Sewers" prepared by Elson T. Killam Associates, Inc. and dated March 1987. The drawings were provided to Omni by SBRSA. The drawing set did not indicate the placement of concrete on the gravity sewer line and no bedding or backfill details were included on the drawings. The Contractor was authorized to proceed with the demolition of the pipeline and concrete. The resident inspector kept detailed notes on time and materials expended on this work. Change Order No. 4 in the amount of \$11,541 is presented for approval for this additional, out of scope work

Staff recommended approval of Change Order No. 4 in the amount of \$11,541 for the additional out of scope work. Dr. Downey noted that the total of the four (4) change

orders is less than 1% of the total project cost. So moved by Dr. Downey, seconded by Mr. Morehouse and passed by a vote of 5 to 0.

Contract 10-3, Millstone Pump Station Sewage Pump Rebuild Project

Ms. Pchola reported that the installation of Pump #2 was completed on July 27, 2011. On August 9, 2011 the contractor and manufacturer's representative completed the start-up of Pump #2. All contract closeout documents and spare parts have been received. This project stands at 100% complete.

Contract 10-4, Pump Station Odor Control System Carbon Replacement

Ms. Pchola indicated that all contract closeout documents have been received. This project stands at 100% complete.

Contract 11-1, Fly Ash Slurry Pump Rehabilitation Project

Ms. Pchola reported that on August 31, 2011 A.C. Schultes removed Fly Ash Pump #3 and delivered the unit to the pump rework facility in Hazelton, PA. The pump is currently under repair.

Contract 11-2, Outdoor Motor Control Center (MCC) Replacement Project

Ms. Pchola reported that this project was advertised for bid on August 10, 2011 and the pre-bid meeting held on August 22, 2011. Nine bids were received on September 14, 2011 ranging in price from \$64,480 to \$98,515. The lowest bidder was DeMaio Electric Company, Inc. All required documentation was submitted with their bid. DeMaio Electric has satisfactorily conducted work for SBRSA in the past and all references responded favorable regarding work performed by DeMaio Electric Company, Inc.

Staff recommended approval of Resolution 2011-31, awarding Contract 11-2 for the outdoor Motor Control Center replacement to the lowest responsive bidder, DeMaio Electric Company, Inc. in the amount of \$68,480. So moved by Dr. Downey, seconded by Mr. Morehouse and passed by a roll call vote of 5 to 0. Resolution 2011-31 follows.

**Resolution Authorizing the Award of Construction Contract 11-2,
Outdoor Motor Control Center Replacement Project to
DeMaio Electrical Company, Inc.**

Resolution No. 2011-31

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 "Outdoor Motor Control Center Replacement Project, Contract 11-2"; and

WHEREAS, sealed competitive bids were received by the Authority on September 14, 2011, as more fully set forth as follows; and

| <i>Bidder</i> | <i>Bid Amount</i> |
|---------------------------------------|-------------------|
| DeMaio Electrical Company, Inc. | \$64,480 |
| Maul Electric, Inc. | \$72,990 |
| MBE Mark III Electric | \$73,337 |
| Rogers-Cipollono Electric, Inc. | \$76,980 |
| A.C. Scott Electric Company, Inc. | \$76,990 |
| Municipal Maintenance | \$77,850 |
| Scalfo Electric, Inc. | \$79,000 |
| Bricktown Electrical Contractors, LLC | \$83,260 |
| Ray Angelini Inc. | \$98,515 |

WHEREAS, the Authority has determined that the bid of DeMaio Electrical Company, Inc. is the lowest bid in the amount of \$64,480; and

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

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

WHEREAS, the Authority has sufficient funds available in the current capital budget.

NOW, THEREFORE, BE IT RESOLVED by the Stony Brook Regional Sewerage Authority that it hereby awards the contract to DeMaio Electrical Company, Inc., the lowest responsive bidder for Contract 11-2 Outdoor Motor Control Center Replacement Project in the amount of \$64,480; 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 | | | |
| Gale D. Downey | X | | | |
| Harry Compton | X | | | |
| James McKinnon | | | | X |
| David Miller | | | | X |
| C. Schuyler Morehouse | X | | | |
| Bharat Patel | X | | | |

Contract 11-3, Princeton Pump Station Roof Replacement Project

Ms. Pchola reported that the preconstruction meeting was held on August 4, 2011. The roof replacement was completed on September 12, 2011 including all punchlist items. The contractor has submitted the final invoice and provided the one-year maintenance bond.

477.10 Finance Report

Payment of Bills and Claims

Mr. Neuhof recommended approval of the payment of bills and claims in the amount of \$1,032,081.57 with two signatures instead of three; so moved by Dr. Downey, seconded by Mr. Patel and passed by a vote of 5 to 0.

Treasurer's Report

Mr. Neuhof reported that since the July 25, 2011 Board meeting net income increased \$62,538 to \$440,028. The Authority has total investments of \$17,835,883 at an average interest rate of 0.31%. The balance for current construction projects is \$14,847,890. Mr. Neuhof indicated that there are sufficient funds for these projects. The New Jersey Cash Management Fund yield is 0.04%.

Resolution 2011-24, Award of a "No Political Contributions Allowed" Contract for Non-Professional Service Vendors

Mr. Neuhof indicated that when the Authority anticipates spending more than \$17,500 but less than the bid threshold of \$36,000, the Authority is required to pass a resolution authorizing a "No Political Contributions Allowed" contract with non-professional service vendors. All vendors listed on the resolution submitted their Business Entity Disclosure Certifications forms.

Mr. Neuhof recommended approval of Resolution 2011-27, awarding a "No Political Contributions Allowed" contract(s) for non-professional service vendors. So moved by Mr. Patel seconded by Dr. Downey and passed by a roll call vote of 5 to 0. Resolution 2011-27 follows

**Resolution Authorizing the Award of a "No Political Contributions Allowed"
Contract(s) for
Non-Professional Service Vendors**

Resolution No. 2011-27

WHEREAS, the Stony Brook Regional Sewerage Authority has a need to acquire goods or services as a no political contribution contract pursuant to the provisions of N.J.S.A. 19:44A-20.4 or 20.5 as appropriate; and,

WHEREAS, the purchasing agent, Stuart Neuhof has determined and certified in writing that the value of each contract (by purchase orders) will likely exceed \$17,500; and,

WHEREAS, the anticipated term of this contract is for fiscal 2011 (1 year) and may be extended as approved by this governing body; and,

WHEREAS, the attached list of vendors has completed and submitted a Business Entity Disclosure Certification which certifies that each vendor has not made any reportable contributions to a political or candidate committee served by the Stony Brook Regional Sewerage Authority in the previous one year, and that the contract will prohibit the (attached list of vendors) from making any reportable contributions through the term of the contract; and,

WHEREAS, the Authority has Funds available in its current budget.

NOW THEREFORE, BE IT RESOLVED that the Stony Brook Regional Sewerage Authority authorizes the attached list of vendors to enter into contracts by purchase order; and,

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

| Year 2011 No Political Contribution Contracts: | |
|---|-----------------------|
| Company Name | Service |
| Enviro-Care | Flowminuter and Parts |
| Carbonite Filter Corp | Filter Media |
| CDI Inc. | Electrical Service |

| <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 Miller | | | | X |
| James McKinnon | | | | X |
| C. Schuyler Morehouse | X | | | |
| Bharat Patel | X | | | |

Resolution 2011-28, Renewal of Membership in the New Jersey Utility Authorities Joint Insurance Fund

Mr. Neuhof indicated that the renewal of the Authority’s membership in the New Jersey Utility Authorities Joint Insurance Fund (JIF) is for a period which will begin January 1, 2012 and continue through December 31, 2014. It is a three-year renewal which includes general liability, worker’s compensation, automobile, public officials and environmental liability.

Mr. Neuhof reported that the Authority has been a member of the JIF since 1991 and consists of seventy-two (72) Authorities.

Mr. Neuhof recommended approval of Resolution 2011-28, renewing SBRSA's membership in the New Jersey Utility Authorities Joint Insurance Fund. So moved by Mr. Morehouse, seconded by Dr. Downey and passed by a roll call vote of 5 to 0.

**RESOLUTION FOR RENEWAL OF MEMEBERSHIP IN THE
NEW JERSEY UTILITY AUTHORITIES JOINT INSURANCE FUND**

Resolution No. 2011-28

WHEREAS, the SBRSA is a member of the New Jersey Utility Authorities Joint Insurance Fund; and

WHEREAS, said renewed membership terminates as of December 31, 2011 unless earlier renewed by agreement between the Authority and the Fund; and

WHEREAS, the Authority desires to renew said membership;

NOW THEREFORE, BE IT RESOLVED AS FOLLOWS:

1. The SBRSA agrees to renew its membership in the New Jersey Utility Authorities Joint Insurance Fund and to be subject to the Bylaws, Rules and Regulations, coverages, and operating procedures thereof as presently existing or as modified from time to time by lawful act of the Fund.

2. The Governing Body shall be and hereby are authorized to execute the agreement to renew membership annexed hereto and made a part hereof and to deliver same to the New Jersey Utility Authorities Joint Insurance Fund evidencing the Authority's intention to renew its membership.

| <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 Miller | | | | X |
| C. Schuyler Morehouse | X | | | |
| Bharat Patel | X | | | |
| James McKinnon | | | | X |

Resolution 2011-29, Appointment of Fund Commissioner to the Joint Insurance Fund

Mr. Neuhof recommended approval of Resolution 2011-29, appointing John Kantorek, Executive Director, as the fund commissioner to the JIF. Mr. Kantorek has served as fund commissioner for the past three years. So moved by Mr. Morehouse, seconded by Dr. Downey and passed by a roll call vote of 5 to 0. The resolution follows.

RESOLUTION APPOINTING FUND COMMISSIONER

Resolution No. 2011-29

WHEREAS, Public Law 1983, c.372 (N.J.S.A. 40A:10-36 et seq.) permits authorities to join together to form a joint insurance fund; and

WHEREAS, the New Jersey Utility Authorities Joint Insurance Fund is duly constituted as a Self-Insurance Fund; and

WHEREAS, the SBRSA is a member of the New Jersey Utility Authorities Joint Insurance Fund; and

WHEREAS, the NJSA 40A:10-36 et seq. as well as the Bylaws of the New Jersey Utility Authorities Joint Insurance Fund provide that “in the manner generally prescribed by law, each member shall appoint one (1) commissioner to the Fund. Each member shall select either a member of its governing body or one of its employees and,

WHEREAS, the term of the appointment is either:

1. A commissioner, other than the special commissioner, who is a member of the appointing utility authority’s governing body and shall hold office for two years or for the remainder of his/her term of office as a member of the governing body, whichever shall be less.

2. Commissioners who are employees of the appointing utility authority shall hold office at the pleasure of the utility authority and can be removed by the utility authority at any time without cause.

NOW THEREFORE, BE IT RESOLVED the Governing Body of the Stony Brook Regional Sewerage Authority does hereby appoint John Kantorek, Executive Director to serve as Fund Commissioner to the New Jersey Utility Authorities Joint Insurance Fund.

| <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 Miller | | | | X |
| C. Schuyler Morehouse | X | | | |
| Bharat Patel | X | | | |
| James McKinnon | | | | X |

Resolution 2011-30, Approval of the 2012 Budget for Submission to the State of New Jersey

Mr. Neuhof reported that the Finance Committee met in August to review the 2012 budget request of \$14,874,558, which is an increase of \$153,443 or 1% greater than the

2011 budget. In addition, a meeting was held on September 15, 2011 with the Municipal Finance Officers. No suggested changes were recommended at either meeting.

Mr. Neuhof reviewed the significant changes in the budget.

Mr. Neuhof reported that salaries and benefits in total are anticipated to increase by 1.7%. There is one more union contract increase of 2.0% in 2012, which is the final year of the Agreement. In addition, the position of Regulatory Officer has been replaced with an Operator IV position, which should save approximately \$22,000.

Mr. Neuhof explained that the Authority has received its actual 2012 pension figure, and it represents an increase of approximately \$40,000 or 13.3%. Health benefits are estimated to increase by approximately \$58,000 or 7.4%. The actual premium costs for health benefits are anticipated to increase by approximately 10% effective January 1, 2012. However, recent legislation will significantly increase employee contributions, which will be approximately \$45,000 and reduces the cost to the Authority.

Mr. Neuhof indicated that \$230,000 has been added to regulatory fees. This increase is for the incinerator stack testing, which is required every five years by the Authority's air permit. Environmental consultant fees have increased by approximately \$15,000 or 18%. These funds will be used for sampling and analysis of odor testing.

Mr. Neuhof indicated that the amount budgeted for natural gas has decreased by approximately 13.3%. This is due to favorable pricing and the reduction in quantity consumed due to the Regenerative Thermal Oxidizer (RTO). Since start up, the RTO has reduced incinerator gas consumption by approximately 52%.

Outside repairs services is increasing by approximately \$65,000. This is line item has been underfunded in the past and therefore, the department managers requested that it be increased.

Small capital items, items that are under \$25,000, include a backhoe and two vehicles.

In total, the Operating budget increased by approximately \$445,000 or 4.0%.

Mr. Neuhof noted that the largest cost increase in the 2012 budget is for debt service, which will increase by \$307,980 or 10.1%. A significant portion of this increase is due to the \$12.1 million Headworks Project, which was funded through the New Jersey Environmental Infrastructure Trust.

In order to maintain a zero percent increase to the Authority's Participants, approximately \$158,000 from unrestricted retained earnings was used to balance the 2012 budget.

Mr. Neuhof indicated that there were no changes to Outside Revenues, which include liquid sludge, sludge cake, gray water, special waste and Princeton Farms. Interest income is budgeted at a slight decrease as interest rates are projected to remain the same in 2012.

Mr. Neuhof then reviewed the Authority's ten-year plan, specifically the increases/decreases to participants. In 2011 the participant charges were decreased by

1.3%. In 2012, there is a zero increase in the participant charges as well as projected in 2013. In years 2014 through 2021 the overall average increase is anticipated to be 4.1% per year.

Mr. Morehouse questioned the increases in the ten year plan. Mr. Neuhof indicated that the increases are based on inflationary increases as noted in the major sections of the projection.

Mr. Neuhof read the two most important paragraphs of Resolution 2011-30. Mr. Neuhof then recommended approval of the 2012 Budget for submission to the State of New Jersey for approval. So moved by Mr. Patel, seconded by Dr. Downey and passed by a roll call vote of 5 to 0. Resolution 2011-30 follows.

AUTHORITY BUDGET RESOLUTION
STONY BROOK REGIONAL SEWERAGE AUTHORITY
FISCAL YEAR PERIOD DECEMBER 1, 2011 to NOVEMBER 30, 2012

Resolution # 2011-30

WHEREAS, the Annual Budget and Capital Budget for the STONY BROOK REGIONAL SEWERAGE AUTHORITY for the fiscal year period beginning DECEMBER 1, 2011 and ending NOVEMBER 30, 2012 has been presented before the governing body of the STONY BROOK REGIONAL SEWERAGE AUTHORITY at its open public meeting of September 26, 2011; and

WHEREAS, the Annual Budget as presented reflects Total Revenues of \$14,716,115 , Total Appropriations,(including any Accumulated Deficit if any) of \$14,874,558 and Total Unrestricted Net Assets utilized of \$158,443 ; and

WHEREAS, the Capital Budget as introduced reflects Total Capital Appropriations of \$9,121,600 and Total Unrestricted Net Assets planned to be utilized as funding thereof, of \$600,000; and

WHEREAS, the schedule of rates, fees and other charges in effect will produce sufficient revenues together with all other anticipated revenues to satisfy all obligations to the holders of bonds of the Authority, to meet operating expenses, capital outlays, debt service requirements, and to provide for such reserves, all or as may be required by law, regulation or terms of contracts and agreements; and

WHEREAS, the Capital Budget/Program, pursuant to N.J.A.C. 5:31-2, does not confer any authorization to raise or expend funds; rather it is a document to be used as part of the said Authority's planning and management objectives. Specific authorization to expend funds for the purposes described in this section of the budget, must be granted elsewhere; by bond resolution, by a project financing agreement, by resolution appropriating funds from the Renewal and Replacement Reserve or other means provided by law.

NOW, THEREFORE BE IT RESOLVED by the governing body of the STONY BROOK REGIONAL SEWERAGE AUTHORITY at a public meeting held on September 26, 2011 that the Annual Budget and Capital Budget of the STONY BROOK

REGIONAL SEWERAGE AUTHORITY for the fiscal year period beginning DECEMBER 1, 2011 and ending NOVEMBER 30, 2012 is hereby approved; and

BE IT FURTHER RESOLVED, that the anticipated revenues as reflected in the Annual Budget are of sufficient amount to meet all proposed expenditures/expenses and all covenants, terms and provisions as stipulated in the said Authority's outstanding debt obligations, capital lease arrangements, service contracts and other pledged agreements; and

BE IT FURTHER RESOLVED, that the governing body of the STONY BROOK REGIONAL SEWERAGE AUTHORITY will consider the Annual Budget and Capital Budget/Program for adoption on NOVEMBER 14, 2011.

| <u>RECORDED VOTE:</u> | <u>AYE</u> | <u>NO</u> | <u>ABSTAIN</u> | <u>ABSENT</u> |
|-----------------------|------------|-----------|----------------|---------------|
| Robert A. Bartolini | X | | | |
| Gale D. Downey | X | | | |
| Harry Compton | X | | | |
| David Miller | | | | X |
| C. Schuyler Morehouse | X | | | |
| Bharat Patel | X | | | |
| James McKinnon | | | | X |

2012 Estimated Participant Charge Update

An updated 2012 Estimated Participant Charges was provided to the Board. Mr. Neuhof indicated that the update was based on nine (9) months of flow. The update was also sent to the Municipal Finance Officers. Mr. Neuhof then reviewed the update.

Mr. Neuhof noted that the new seven-year Project Debt Service Adjustment calculation has been fully phased in.

Dr. Bartolini asked what year is the final calculation for the Debt Service Adjustment. Mr. Kantorek indicated that 2015 is the last year the debt service is added and 2018 is the last calculation.

Monthly Sludge Business Analysis

The monthly Sludge Business Tracking for FY 2011 was provided to the Board. Mr. Neuhof reported that net income for the month of August is \$127,847 and the cumulative net income is \$1,194,625. Gas usage for the month of August was 48,841 therms and the remaining simple payback for the RTO is 4.0 years.

477.11 Personnel Report

The Personnel Report was provided for member information.

Mr. Kantorek reported that two employees are on a leave of absence and two employees are on Workers Compensation. The two employees on leaves of absence are expected to return to work in October. There are currently forty-one (41) employees working and

one vacancy. Mr. Kantorek noted that the vacant position is that of the Regulatory Officer. At this point, staff has not determined how that position will be filled.

477.12 Correspondence

For information

Mr. Kantorek reported that SBRSA has been awarded the NACWA Platinum Peak Performance Award for 2010.

Mr. Kantorek noted that the article on Drinking Water is from Omni Environmental LLC Newsletter and discusses the tiered water use.

477.13 Old Business

None.

477.14 New Business

Resolution 2011-32, Award of Contract for the Supply of Liquid Caustic Soda

Mr. Kunert reported that on August 3, 2011 staff received four sealed bids for the supply of Liquid Caustic Soda. The volume amount that went out for bid was reduced from 35,000 gallons per year to 20,000 gallons per year, which better represents SBRSA's actual usage over the past three (3) years. The results are as follows:

| | <u>12 Months</u> | <u>24 Months</u> |
|---------------------------|----------------------------|---|
| Univar USA Inc. | \$1.12/gal /\$22,400.00 | No Bid |
| Kuehne Chemical Co., Inc. | \$1.1333/gal / \$22,666.00 | No Bid |
| Buckmans Inc. | \$1.15/gal / \$23,000.00 | No Bid |
| JCI Jones Chemicals, Inc. | \$1.35/gal / \$27,000.00 | \$1.35/gal / \$27,000.00 (Year 1) \$1.45/gal / \$29,000.00 (Year 2) Total = \$56,000.00 |

Mr. Kunert indicated that the last contract was a one-year contract awarded to Kuehne Chemical Co. at a unit cost of \$0.9267 per gallon for a one year contract total of \$32,434.50.

After reviewing the low bidder's package and finding it to be in order, Mr. Kunert recommended approval of Resolution 2011-32 awarding a one-year contract to Univar USA Inc. in the amount of \$22,400.00. So moved by Dr. Downey, seconded by Mr. Patel and passed by a roll call vote of 5 to 0. Resolution 2011-32 follows.

**Resolution Awarding Contract for the
Supply of Liquid Caustic Soda**

Resolution No. 2011-32

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 liquid caustic soda; and

WHEREAS, the following sealed competitive bids were received by the Authority on August 3, 2011, as more fully set forth as follows:

| | <u>12-Month</u> | <u>24-Month</u> |
|---------------------------|--------------------------|---|
| Univar USA Inc. | \$1.12/gal./\$22,400.00 | No Bid |
| Kuehne Chemical Co., Inc. | \$1.333/gal./\$22,666.00 | No Bid |
| Buckmans Inc. | \$1.15/gal./\$23,000.00 | No Bid |
| JCI Jones Chemicals, Inc. | \$1.35/gal /\$27,000.00 | \$1.35/gal / \$27,000.00 (Year 1) \$1.45/gal / \$29,999.00 (Year 2) TOTAL = \$56,000.00 |

WHEREAS, the Authority has determined that the bid of Univar USA Inc. is the lowest 12-month bid; and

WHEREAS, the bidder, Univar USA Inc submitted a bid at \$1.12 per gallon for a one-year total of \$22,400.00; and

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

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

NOW, THEREFORE, BE IT RESOLVED by the Stony Brook Regional Sewerage Authority that it hereby awards a 12-month contract to Univar USA Inc., the lowest responsive bidder for the supply of liquid caustic soda in the estimated amount of \$22,400.00; and

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

| <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 Miller | | | | X |
| James McKinnon | | | | X |
| C. Schuyler Morehouse | X | | | |
| Bharat Patel | X | | | |

Resolution 2011-33, Award of Contract for the Supply of Magnesium Hydroxide

Mr. Kunert reported that on August 10, 2011 one sealed bid was received for the supply of Magnesium Hydroxide. The quantity in this bid was increased by twenty (20) tons per year. The result is as follows:

| | <u>12-Month Contract</u> | <u>24 Month Contract</u> |
|-------------------|-----------------------------|--|
| Premier Chemicals | | |
| LLC | \$481.00/ton / \$202,020.00 | \$481.00/\$202,020.00 (Year 1) \$493.00/\$207,060.00 (Year 2) Total = \$409,080.00 |

Mr. Kunert indicated that Premier Chemicals was the sole bidder. The last contract was a two-year contract with Premier Chemicals LLC at a unit cost of \$421.00 per ton for the first year and \$449.00 per ton for the second year for a two-year contract total of \$348,176.00

Mr. Kunert recommended approval of Resolution 2011-33 award of contract for the supply of Magnesium Hydroxide for a two-year period in the amount of \$409,080.00. Resolution 2011-33 was moved by Mr. Morehouse and seconded by Mr. Patel.

Dr. Downey expressed concern regarding the fact that Premier Chemicals LLC is the sole bidder for this product. As sole bidder, Dr. Downey feels that SBRSA may not be obtaining the best price for this product.

A lengthy discussion followed regarding having one bidder and the cost. Because the current contract was expiring on September 30, the Board directed staff, in an effort to obtain a more favorable cost, to solicit other bidders in the future. The Board also indicated that there is a need for more lead time when bidding to allow for a rebid, if necessary.

Resolution 2011-33 was approved awarding Premier Chemicals LLC a two-year contract in the amount of \$409,080.00 for the supply of Magnesium Hydroxide by a roll call vote of 4 to 1. Dr. Downey voted no. Resolution 2011-33 follows.

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

Resolution No. 2011-33

WHEREAS, the Authority advertised for the receipt of sealed competitive bids in accordance with the requirements of the Local Public Contracts Law, N.J.S.A. 40A:11-1 et seq. for the supply of Magnesium Hydroxide; and

WHEREAS, the following sealed competitive bid was received by the Authority on August 10, 2011, as more fully set forth as follows:

| | <u>12-Month</u> | <u>24-Month</u> |
|------------------------|----------------------------|--|
| Premier Chemicals LLC. | \$481.00/ton /\$202,020.00 | \$481.00/\$202,020.00 (Year 1) \$493.00/\$207,060.00 (Year 2) TOTAL = \$409,080.00 |

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

WHEREAS, the bidder, Premier Chemical LLC submitted a bid in the amount of \$202,020.00 (\$481.00 per ton) for the first year and \$207,060.00 (\$493.00 per ton) for the second year with a two-year total of \$409,080.00; and

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

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

NOW, THEREFORE, BE IT RESOLVED by the Stony Brook Regional Sewerage Authority that it hereby awards a 24-month contract to Premier Chemicals LLC, the sole responsive bidder for the supply of magnesium hydroxide in the estimated amount of \$409,080.00; and

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

| <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 Miller | | | | X |
| James McKinnon | | | | X |
| C. Schuyler Morehouse | X | | | |
| Bharat Patel | X | | | |

Resolution 2011-34, Award of Contract for the Inspection, Maintenance and Emergency Repairs to SBRSA Incinerators

Mr. Kunert reported that on September 21, 2011 sealed bids were received for incinerator inspection, maintenance and emergency repairs. The results are as follows:

12-Month Contract

| | |
|----------------------------------|--------------|
| Albertus Energy, Inc. | \$563,417.00 |
| Industrial Furnace Company, Inc. | \$575,452.00 |

Mr. Kunert explained that the bids reflect a one-year total price for the many repair scenarios detailed in the bid specifications. Most of the repair scenarios will not be needed in any one year. However, it is necessary to obtain prices for each of them in case they are needed.

The last contract was awarded to Industrial Furnace Company, Inc. for a total one year contract price of \$471,555.00.

After reviewing the lowest bidder's package and finding it to be in order, Mr. Kunert recommended approval of Resolution 2011-34, awarding a one year contract to the lowest bidder, Albertus Energy Inc. in the total amount of \$563,417.00. So moved by Mr. Morehouse, seconded by Dr. Downey and passed by a roll call vote of 5 to 0. Resolution 2011-34 follows.

Resolution Authorizing the Award of a Contract for the Inspection, Maintenance and Emergency Repairs to SBRSA Incinerators

Resolution No. 2011-34

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, NJSA 40A:11-1 et seq. for the inspection, maintenance and emergency repairs to the Authority's incinerators; and

WHEREAS, the following sealed competitive bids were received by the Authority on September 21, 2011, as more fully set forth as follows:

12-Month

| | |
|----------------------------------|---------------|
| Industrial Furnace Company, Inc. | \$ 575,452.00 |
| Albertus Energy | \$ 563,417.00 |

WHEREAS, the Authority has determined that the bid of Albertus Energy Inc. is the lowest bid in the amount of \$563,417.00; and

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

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

NOW THEREFORE, BE IT RESOLVED by the Stony Brook Regional Sewerage Authority that it hereby awards a twelve (12) month contract to Albertus Energy Inc., the lowest responsive bidder for the Inspection, Maintenance and Emergency Repairs to the Authority's incinerators.

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

Recorded Vote:

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

477.15 Adjournment

As there was no further business to come before the Board, the meeting was adjourned at approximately 9:34 p.m. on a motion by Dr. Downey, seconded by Mr. Patel and passed by unanimous vote.

Respectfully Submitted,

John Kantorek
Secretary

Recorded and Written by
Patricia Carlino
October 17, 2011