

STONY BROOK REGIONAL SEWERAGE AUTHORITY

Agenda

STONY BROOK REGIONAL SEWERAGE AUTHORITY

AGENDA: Meeting #570, June 24, 2019

TIME: 7:30 PM

LOCATION: Conference Room, Operations Building, Princeton, NJ

570.01 “Pursuant to Section 13 of the Open Public Meetings Act, adequate notice of the time and place of this meeting was filed with the Authority’s official newspapers, each Clerk of each municipality and by being publicly posted on the Princeton bulletin board and on the Authority’s website.”

570.02 Approval of Minutes

- May 20, 2019

570.03 Board Related Activities

- Consultant List

Action Item:

-Resolution 2019-45: *Authorizing the Award of a “No Political Contributions Allowed” Contract for Legal Counsel for Labor Negotiations to Adams Gutierrez & Lattiboudere, LLC*

570.04 Planning and Administration

- Capacity Status Report
- Monthly Flow Transmittal

570.05 Approval Requests and Actions

- TWA (Treatment Works Approval)

Action Item:

-Resolution 2019-38: *Authorizing Endorsement of Application for Treatment Works Approval Statement of Consent Bear Brook Road, Block 9, Lots 55 & 56 West Windsor Township*

- Extension of Time Requested

None

- Wastewater Management Plan Amendments/Information

-Nothing to report

- Capacity Assurance
 - Hopewell Capacity Analysis Report
 - Allocated Flow Update
 - None
 - US EPA: Environmentally Sensitive Area (ESA) Grant Condition Waiver Requests
 - Hopewell Township, Block 46, Lot 15.02 (Daniel Popkin residence, 100 Lewis Brook Drive)
 - Borough of Pennington, Block 102, Lot 1 (Sanitary Sewer Extension for Heritage at Pennington – Phase 2)
- Action Item:**
- Resolution 2019-43: Authorizing Endorsement of Request for Grant Condition Waiver for a Sanitary Sewer Extension of Heritage at Pennington Phase 2; Block 102, Lot 1; Borough of Pennington, Mercer County*

570.06 Regulatory Report

- Discharge Monitoring Report (DMR)
- Residual Discharge Monitoring Report (RDMR)
- Air Reporting
- Laboratory

570.07 Safety

570.08 Litigation/Administrative Actions

- See Attached Report

570.09 Operations Report

- River Road Facility
- Upstream Facilities
- Odors
- Sludge Operations

570.10 Maintenance

570.11 Construction Report

- Studies General
 - Upstream Facilities Process Evaluation/Planning Study

-Odor Sampling and Evaluation

Action Item:

-Resolution 2019-36: *Authorizing the Award of a “No Political Contributions Allowed” Contract to TRC for Odor Sampling and Analysis at the River Road WWTP*

- Design

-River Road WWTP UV Disinfection/Filtration Design

Action Item:

-Resolution 2019-46: *Authorizing Application for a Loan from New Jersey Environmental Infrastructure Financing Program*

- Construction

-Contract 14-1, SBRSA Emergency Generator Project

-Contract 16-1, Schwing Pump Replacement Project

-Contract 17-1, Pennington WWTP Upgrade and Expansion

-Contract 18-3, Millstone Pump Station Odor Abatement Design

- Small Capital Projects

-Contract 18-5, Millstone Pump Station Flume Replacement Project

-Contract 19-1, Nitrification Clarifier No. 2 Improvements Project

-River Road WWTP Operations Building Roof Replacement Project

Action Item

-Resolution 2019-44: *Authorizing the Award of River Road WWTP Operations Building Roof Replacement Project*

- Process Control/SCADA

-Field Trial of New Flow Meter

-Plant Influent Flow Meter

-Information Technology

570.12

Finance Report

- **Resolution 2019-37:** *Payment of Bills and Claims*

- Treasurer’s Report

- Revenue and Expenditure Report

- Updated Capital Expenditure Report

- Interest Rate Comparison Report

- Monthly Sludge Business Analysis

- Monthly Solar Analysis

- Yearly Sludge Business Results (2008 through 2018)

- **Action Items:**

-Resolution 2019-39: *Rejecting Bid for the Supply of Schwing Pump Parts and Authorizing Re-Bid*

-Resolution 2019-40: *Certifying Member Review of the 2018 Audit*

-Resolution 2019-41: Authorizing the Award of a “No Political Contributions Allowed” Contract for Bond Counsel Services Related to the New Jersey Infrastructure Financing Program Project No. S340400-11 (UV Disinfection and Effluent Filtration Project) to Hawkins Delafield & Wood, LLC

-Resolution 2019-42: Authorizing the Award of “No Political Contributions Allowed” Contract(s) for Non-Professional Service Vendor

570.13 Personnel Report

- Personnel Staffing Report: See Report
- Multi Year Turnover Report: See Report
- Union Seniority List
- Non-Union Staff List

570.14 Correspondence

- Information Only

570.15 Old Business

- None

570.16 New Business

570.17 Open to the Public

570.18 And such other issues as may come before the Board

570.19 Adjournment

STONY BROOK REGIONAL SEWERAGE AUTHORITY

Approval of Minutes

Minutes of Meeting #569, May 20, 2019 – Stony Brook Regional Sewerage Authority

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

MEMBERS PRESENT: Downey, Goldfarb, Morehouse, Patel, Switlik, Vilaro-Munet

MEMBERS ABSENT:

CONSULTANTS: Alexander

STAFF PRESENT: Carlino, Christiano, Bixby, Doelling, Hess, Kunert, Pchola, Pizarro, Rahimi, Roga, Sears, Stewart, Thomas

569.01 Chairman Downey opened the regularly scheduled meeting at 7:35 pm. Chairman Downey 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.

569.02 Approval of Minutes

The minutes were approved as presented on a motion by Mr. Morehouse, seconded by Ms. Switlik and passed by a vote of 6 to 0.

569.03 Board Related Activities

Appointment of an Assistant Secretary

Angela Christiano was nominated as the Assistant Secretary and the Custodial of Government Records by Resolution 2019-33.

The motion was moved by Mr. Morehouse and seconded by Mr. Goldfarb and passed by roll call vote of 6 to 0. Resolution 2019-33 follows.

Resolution Appointing a Custodian of Records

Resolution No. 2019-33

WHEREAS, Stony Brook Regional Sewerage Authority is subject to the provisions of the Open Public Records Act, N.J.S.A. 47:1A-1 et seq., and

WHEREAS, the Open Public Records Act requires the Authority to designate by formal action a “Custodian of Government Records”.

NOW, THEREFORE, BE IT RESOLVED by the Stony Brook Regional Sewerage Authority this 20th day of May 2019 that Angela Christiano, Assistant Secretary of the Authority, be and same is hereby designated as the Custodian of Government Records, and Antonia Pchola, Executive Director of the Authority be designated as the alternate Custodian of Government Records.

<u>Recorded Vote:</u>	<u>AYE</u>	<u>NO</u>	<u>ABSTAIN</u>	<u>ABSENT</u>
Gale D. Downey	X			
David A. Goldfarb	X			
C. Schuyler Morehouse	X			
Bharat Patel	X			
Pamela Switlik	X			
Miguel Vilaro-Munet	X			

Consultant List

The consultant list was provided for information.

569.04 Planning and Administration

Ms. Pchola reported that the most current 12-month average daily flow at the River Road WWTP is 11,183,849 gpd with 1,275,300 gpd of available capacity. The current 12-month average daily flow at the Hopewell WWTP is 304,451 gpd and is over capacity by 4,751 gpd. The current 12-month average daily flow at the Pennington WWTP is 335,882 gpd and is over capacity by 60,319 gpd.

Monthly Flow Transmittal

Ms. Pchola noted the monthly meter verifications were performed by staff on May 1, 2019. Meter Station No. 7 meter required adjustment. All other meters were within plus or minus of 5%.

SBRSA staff is evaluating a Pulsar DUET ultrasonic flow metering device for potentially more accurate and reliable measurement of open channel flow. The test meter was installed at Meter Chamber No. 7 on April 29th. To accommodate the new meter, the existing Signature meter was relocated upstream of the new meter, and recalibrated. During the May 1, 2019 meter verification, the Signature meter was found to be reading 8.28% low. The monthly reported flows for April 29 and 30, 2019 were adjusted upward by 4.14%, the average measured drift in the calibration between the April 29th recalibration and the May 1, 2019 meter verification.

Ms. Pchola stated that the new Pulsar DUET ultrasonic flow meter data is currently being used.

569.05 Approval Requests and Actions

TWA-1 Approvals

None.

Extension of Time Request

Maplewood Senior Living Project, Plainsboro Township

Mr. Doelling reported the Maplewood Senior Living (MSL) project on the Princeton Healthcare Campus in Plainsboro Township has requested a Treatment Works Application (TWA) one-year time extension.

The TWA was originally approved by SBRSA at its March 23, 2015 Board meeting for a flow rate of 10,500 gallons per day. SBRSA has previously granted a one-year time extension, which expired on May 18, 2019. In accordance with SBRSA's Revised Resolution Affirming Terms for Approvals for TWA-1 Sewer Extension Applications as Amended 11/26/01, if granted, time extensions can only be extended up to five years from the date of the original SBRSA approval which will be March 23, 2020. MSL intends to begin sitework and foundation work on or about June 1, 2019. South Brunswick Township has no objection to the approval of the one-year time extension for the Treatment Works Approval permit for this project. The applicant has provided the requested information, as outlined in SBRSA's TWA Resolution.

Staff recommends approval of this time extension application.

Ms. Alexander stated that if MLS goes past the one-year extension then MLS would have to start the process all over.

Resolution 2019-30 was moved by Mr. Goldfarb, seconded by Mr. Vilaro-Munet and passed by roll call vote 6 to 0. Resolution 2019-30 follows.

**Resolution Authorizing Time Extension of Treatment Works Approval for
Maplewood at Princeton on the Princeton Healthcare Campus, Block 1701, Lot 4.05,
Plainsboro Township**

Resolution No. 2019-30

WHEREAS, a Treatment Works Approval for Maplewood at Princeton on the Princeton Healthcare Campus in Plainsboro Township has been approved by the Stony Brook Regional Sewerage Authority (SBRSA) at its March 23, 2015 meeting; and

WHEREAS, the New Jersey Department of Environmental Protection (NJDEP) approved the Treatment Works for a flow rate of 10,500 gallons per day on May 18, 2015; and

WHEREAS, the Stony Brook Regional Sewerage Authority (SBRSA) has previously granted a one-year time extension, which expires May 18, 2019; and

WHEREAS, in accordance with SBRSA's Revised Resolution Affirming Terms for Approvals for TWA-1 Sewer Extension Applications as Amended 11/26/01, the applicant has requested a time extension; and

WHEREAS, the applicant has provided requested detailed information in a timely manner; and

WHEREAS, the project is more particularly described in the Treatment Works Approval Permit Application Form (TWA-1), on file at the offices of the SBRSA; and

WHEREAS, this project and its one-year time extension has been endorsed by South Brunswick Township in a letter dated April 26, 2019; and

WHEREAS, in accordance with SBRSA's Revised Resolution Affirming Terms for Approvals for TWA-1 Sewer Extension Applications as Amended 11/26/01, the applicant has acknowledged that no time extension will be granted beyond March 23, 2020.

WHEREAS, SBRSA has reviewed the time extension request; and

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

Stony Brook recommends approval of the time extension request for the Treatment Works Approval of the 10,500 gpd proposed allocation for the Maplewood at Princeton project.

The time extension shall remain in effect until March 23, 2020, which is five years from the date of the original SBRSA approval.

The Executive Director of SBRSA is authorized and directed to execute the time extension of Treatment Works Approval for Maplewood at Princeton on the Princeton Healthcare Campus in Plainsboro Township originally adopted on March 23, 2015.

BE IT FURTHER RESOLVED by the Stony Brook Regional Sewerage Authority that the approval shall remain in effect as stipulated in SBRSA's Revised Resolution Affirming Terms for Approvals for TWA-1 Sewer Extension Applications as Amended 11/26/01.

BE IT FURTHER RESOLVED that this resolution is further conditioned upon the submission of annual reports describing all treatment works and project construction, and accounting for connected and unconnected flows, until all allocated flows are connected.

<u>Recorded Vote:</u>	<u>AYE</u>	<u>NO</u>	<u>ABSTAIN</u>	<u>ABSENT</u>
Gale D. Downey	X			
David A. Goldfarb	X			
C. Schuyler Morehouse	X			
Bharat Patel	X			
Pamela Switlik	X			
Miguel Vilaro-Munet	X			

Water Quality Management Plan Amendments/Information

Nothing to report.

Capacity Assurance

Mr. Doelling reported that a Capacity Assurance Program WQM-007 Form for the Hopewell Wastewater Treatment Plant for the first quarter of 2019 (January 1, 2019 through March 31, 2019) was submitted to NJDEP April 26, 2019. A copy of this submittal was provided in the report.

In accordance with N.J.A.C. 7:14A-22.16(a), since the Hopewell Wastewater Treatment Plant has exceeded 95% of its permitted flow, determined by the 12-consecutive month average, SBRSA is also required to submit a Capacity Analysis Report (CAR). The CAR was submitted to NJDEP today. A copy of the submitted CAR will be included in next month's report.

Allocated Flow Update

Nothing to report

569.06 Regulatory Report

Discharge Monitoring Report (DMR)/Residual Discharge Monitoring Report (RDMR)

Mr. Rahimi reported that the following reports are being prepared, reviewed or have been submitted to the NJDEP during this reporting period:

- The Discharge Monitoring Reports for the month of March 2019 with no violations. The April 201 DMRs are currently being reviewed.
- The February 2019 RDMRs were submitted to NJDEP. All River Road parameters were compliant with the Air Permit requirements.
- Staff is the process of reviewing the March 2019 RDMRs.

Air Reporting

Mr. Rahimi reported that the 1st quarter of 2019 Incinerator Sludge Metals Report was submitted to NJDEP on May 3, 2019. There were no exceedances of the monthly, 12-month weighted average and 15-month rolling average metals concentration limits, nor the 12-month rolling average lead or mercury emission limits.

The 1st quarter of 2019 Excess Emissions and Monitoring Report was submitted to NJDEP. Incinerator No. 1 operating with the Afterburner (AB) (OS1) had 1.0 hour, and Incinerator No. 2 operating with the AB (OS3) had 1.58 hours of excess emissions for Oxygen (Oxygen < 3.0%). Carbon Monoxide (CO) concentrations during these periods were less than 100 ppmv when corrected to 7% Oxygen.

Mr. Rahimi reported that the requested data to complete the 2018 Emission Statement was forwarded to KEMS on March 21, 2019. KEMS, LLC continues their calculations for the 2018 Annual Emissions Statement.

Mr. Rahimi reported that no affirmative defenses were submitted to NJDEP in this reporting period.

Laboratory

Mr. Rahimi reported that SBRSA has achieved acceptable results for all parameters in the NJDEP 2019 Proficiency Testing (PT) study from ERA (PT provider). The certificates were provided in this report. The NJDEP Office of Quality Assurance (OQA) will need to validate the results.

569.07 Safety

Mr. Irizarry reported as of May 14, 2019, Stony Brook Regional Sewerage Authority has gone 1040 consecutive days without a “Lost Time Accident.”

Mr. Irizarry stated that the annual inspection conducted by Kleinfelder and Elecsys was completed on April 25, 2019. Staff will schedule a meeting with Kleinfelder to review the findings. Items deemed by SBRSA to be a safety priority will be further evaluated for incorporation into upcoming projects.

Stony Brook received two awards from the Joint Insurance Fund: The Safety Incentive Program Award and a Lost Time Accident Free Award for 2017-2018.

Staff is currently soliciting requests for quotations to repair five (5) catch basins and pavement patch work at the River Road facility that are crumbling and present a safety hazard.

Staff submitted the application for the 91st Annual Governor's Occupational Safety and Health Awards Program for the Division of Public Safety's Occupational Safety & Health Certificate for "No Lost Time" Accidents in 2018.

Mr. Irizarry reported that on May 9, 2019 the West Windsor Township Fire and Emergency Services conducted its annual inspection of the Millstone Pump Station. There were no issues found and a "Certificate of Inspection" was received.

Mr. Irizarry reported that Workplace Safety 101 training was provided in-house for our newest employee on April 30, 2019.

569.08 Litigation

Ms. Alexander reported that there was a status conference held on May 8, 2019 wherein the status of the Stipulation of Settlement was discussed regarding the Hopewell and Pennington facilities. With respect to the Hopewell facility, we are still waiting on the Stipulation of Settlement although all issues have been addressed and a new final permit issued. The settlement document is anticipated to be released soon. It is currently in the Attorney General's office.

Ms. Alexander reported that the Pennington facility still has an outstanding Total Dissolved Solids (TDS) issue. Jim Cosgrove of Kleinfelder has been in contact with the NJDEP and Ms. Alexander had been in contact with the DAG regarding this issue. Negotiations are continuing.

A discussion ensued regarding TDS removal through the use of the reverse osmosis (RO) process. Ms. Alexander indicated that NJDEP is not anxious for wastewater treatment plants to meet the TDS limits by utilizing RO, however NJDEP is limited to the current stream standard requirements. The issue is with the stream standard; however, the Department is not able to address the standard through rule making at this time. NJDEP tried to address this through the tiered use rule and then through the drinking water intake protection (DWIP) rule but they did not get promulgated. The issue of TDS may be put off until the next permit cycle.

Ms. Alexander indicated that NJDEP may allow you to treat a portion of your wastewater and blend it back with the effluent to meet the TDS limit. The only other permit issue is the Sufficiently Sensitive Test Methods (SSTM) requirements.

569.09 Operations Report

River Road Facility

Mr. Kunert reported that the River Road Facility operated well during this reporting period.

Mr. Kunert reported that on April 21, 2019 we experienced a break the underground 4-inch Effluent Flushing Water (EFW) pipe between our Sludge Cake Receiving Facility and our Disinfection Building. The EFW piping runs below grade to nearly every area of our treatment plant providing water to all our flushing hydrants and used extensively at vital areas of the process.

After discovery of the break, staff shutdown the EFW Pumps and set up backup systems using portable sump pumps to supply carrier water for the Sodium Bisulfite Feed System to maintain dechlorination, and to provide seal water to the Sludge Return Pump's mechanical seals in the Chemical Building basement. Staff contacted an outside contractor, Jingoli & Son, and they were on-site early the next morning to excavate and repair the pipe. The repairs were completed the following day, April 23, 2019 and the EFW system was put back into service. Staff will monitor the area of the pipe break through a vertical capped inspection pipe that was installed at our request, prior to backfilling the excavation. The Board was provided with the Emergency Procurement Report. Staff recommended approval of Resolution 2019-32 Authorizing the Emergency Procurement of Services for the Repair of the Leaking Effluent Flushing Water Line.

Mr. Kunert reported that the total estimate of the repairs is approximately \$20,000.

Dr. Downey stated that the estimated amounts on the Emergency Procurement Report, line 8, and Resolution 2019-32, paragraph 1, be changed from \$15,000 to \$20,000.

The resolution with the suggested change was moved by Mr. Goldfarb, seconded by Mr. Patel and passed by a roll call vote of 6 to 0. Resolution 2019-32 follows.

Resolution Authorizing the Emergency Procurement of Services for the Repair of THE Leaking Effluent Flushing Water Line

Resolution No. 2019-32

WHEREAS, an emergency situation developed, which could not have been reasonably foreseen, with respect to the need to repair an effluent flushing water line (EFW) at the River Road Wastewater Treatment Plant (RRWWTP). Specifically, excavating in the

vicinity where water was ponding on the ground surface, locating and repairing the leaking 4-inch EFW line, and temporary restoration of the grounds; and

WHEREAS, the Authority has reviewed the attached Emergency Procurement Report prepared by the Assistant Plant Manager, regarding the emergency procurement of services in connection with the work required to repair the leaking EFW line; and

WHEREAS, pursuant to the Local Public Contracts Law, N.J.S.A. 40A:11-6, a contract may be awarded without public advertising for bids and bidding when an emergency affecting the public health, safety or welfare requires the immediate performance of the services; and

WHEREAS, the Authority is satisfied that, for the reasons articulated in the Emergency Procurement Report prepared by the Assistant Plant Manager, attached hereto and made a part hereof, the proposed emergency procurement is justified and meets the requirements of the Local Public Contracts Law, N.J.S.A. 40A:11-6, and regulations promulgated thereto, N.J.A.C. 5:34-6.1; and

NOW, THEREFORE, BE IT RESOLVED BY THE STONY BROOK REGIONAL SEWERAGE AUTHORITY AS FOLLOWS:

The Authority declares that an emergency exists with respect to the immediate need to repair the leaking EFW line at the RRWWTP as further described in the attached Emergency Procurement Report prepared by the Assistant Plant Manager, which emergency requires the immediate emergency procurement of services in order to protect public health, safety and welfare.

1. The Executive Director is authorized to execute a Contract without public advertising for bids and bidding in accordance with N.J.S.A. 40A:11-6 and N.J.A.C. 5:34-6.1, with Joseph Jingoli & Son, Inc. in the estimated amount of \$20,000 for the provision of emergency services for the repair of the leaking EFW line at the RRWWTP.
2. A Contract shall not be executed unless there is proof of the contractor's New Jersey Business Registration, Certificates of Insurance, together with all documents required by law.
3. This Resolution shall take effect as provided by law.

<u>Recorded vote:</u>	<u>AYE</u>	<u>NO</u>	<u>ABSTAIN</u>	<u>ABSENT</u>
Gale D. Downey	X			
David A. Goldfarb	X			
C. Schuyler Morehouse	X			
Bharat Patel	X			
Pamela Switlik	X			
Miguel Vilaro-Munet	X			

Mr. Kunert reported that SBRSA received an email from the South Brunswick Township Utilities Sewer Department Supervisor, Scott Cevera, regarding an incident that occurred in Monmouth Junction. The email correspondence was provided in the report. The email indicated a contractor in South Brunswick Township was attempting to remove two (2) 300-foot cables which were put in the sanitary sewer line for a soil remediation project, the cables snapped, releasing all of the solids and grease down the sewer line. After we were informed of this incident, staff monitored the South Brunswick Pumping Station each shift for few days and found nothing unusual being removed from the incoming wastewater stream by our mechanical bar screen.

Mr. Kunert reported that he emailed Mr. Cevera asking if the cable had been removed from the sanitary sewer line but he has not received a response.

Mr. Kunert reported that Incinerator No. 1 was inspected by Chavond-Barry Engineering (CBE). Staff is waiting for the inspection report which is being prepared by CBE.

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

Upstream Facilities

Mr. Kunert reported that the Upstream facilities operated well during this reporting period. However, the dual-media filters at both facilities needed to be by-passed during the rain events which occurred on May 5, 12, 13, 2019. A hotline call was made to the DEP as required.

Odor Report

Mr. Kunert reported that staff received two Odor Complaints from our surrounding area during the month of April. We received no odor complaints during the partial May 2019 reporting period.

Customer Septage and Sludge Deliveries

Mr. Kunert reported that for the month of April, the quantity of liquid sludge was 19% below the budgeted amount and sludge cake was 36% above the budgeted amount. The quantity of gray water was 31% above its budgeted amount for the month of April.

Mr. Patel asked about SBRSA's sludge capacity.

Mr. Kunert reported that our capacity would depend on our liquid sludge intake, and if the necessary equipment is functioning at the time. The determination of the sludge capacity is complicated. The incinerator typically runs at a capacity of about six (6) wet tons per hour, seven (7) days per week, 24 hours a day.

Ms. Pchola reported that Mr. Ireland is responsible for monitoring the feed rate to prevent over taxing the incinerator. Mr. Ireland also monitors the deliveries and the amount of sludge SBRSA can accept.

Mr. Morehouse stated that the percentage that Mr. Kunert is reporting is the percent of a budgetary estimate not a percent of incinerator design capacity.

569.10 Maintenance

Mr. Stewart reported that during the week of April 24, 2019, four mixers located in the Modified Aeration Tank Effluent Channel were removed from service one at a time for scheduled Preventive Maintenance. The mixer propeller cones were replaced with new ones due to wear and one damaged propeller was replaced. Also, new hoists and winches were installed on the remaining three mixers to eliminate the sharing of the one hoist that was supplied during the project.

Mr. Stewart reported that Orbal Tank No. 1 Drive, No. 2 located at the Pennington facility was reported to have only one aerator shaft operating during the operator routine surveillance on April 20, 2019. After further investigation it was found that the coupling chain had broken, and the chain cover was damaged. The chain and cover were replaced with new parts from inventory, tested and placed back into service.

Mr. Stewart reported that the drive motor for Pennington Reaeration Tank No. 1 was replaced with a new 7.5 horsepower motor due to bad bearings on April 29, 2019. The motor was tested, and the drive was placed in standby.

Mr. Stewart reported that Ash Pelletizer No. 1 was removed from service April 30, 2019 for a complete overhaul. The overhaul consisted of stripping the tub and recoating it with anti-corrosive paint, installing new stainless-steel shafts, screws, paddles and eight new pillow block bearings. The pelletizer was tested for proper operation and placed back into service on May 2, 2019.

Mr. Stewart reported the current monthly open work requests stand at twenty-five (25). The preventive maintenance graphs show that staff is currently averaging three (3) days overdue and the number of overdue units is approximately three (3).

569.11 Construction Report

Upstream Facilities Process Evaluation/Planning Study

Mr. Doelling reported that a meeting will be scheduled soon with staff (Engineering and Operations) and Kleinfelder to review the draft Hopewell STP Process Evaluation/Planning Study.

Phosphorous Impact Modeling Study

Mr. Doelling indicated that there has been no change to the status of this project.

NJPDES Permits

There has been no change to the status of these permits.

River Road WWTP UV Disinfection/Filtration Design

Mr. Doelling reported that on May 10th, staff met with Kleinfelder to review the 30% design documents. Kleinfelder continues with the preliminary design and addressing SBRSA staff's comments. Staff has started the application process for funding through the New Jersey Water Bank - NJWB (formerly the New Jersey Environmental Infrastructure Financing Program - NJEIFP). The NJWB is accepting all loan applications through the program's online application system, H2LOans.

Contract 14-1, SBRSA Emergency Generator Project

Mr. Doelling reported that this project stands at 99% complete. Centrica was on-site on three different occasions in May. They were back today to replace and adjust the valve rockers and refilled the fluids. A load test is scheduled for this Thursday.

Contract 16-1, Schwing Pump Replacement Project

Mr. Doelling reported that this project remains at 90% complete. The new high-pressure valves and bypass piping were delivered today, and the installation of the valves and piping will begin soon.

Contract 17-1, Pennington WWTP Upgrade and Expansion

Mr. Doelling reported that as of Progress Payment No. 9 this project stands at 42% complete. A detailed report of the progress was provided. The project is going very well considering the weather. The contract has a great deal of the concrete work completed and the completion date is still on track for December 2019.

Mr. Morehouse suggested a site visit to the Pennington facility in September or October. Mr. Morehouse also suggested a site tour of the River Road facility in July. This will be discussed in more detail at the June Board meeting.

Contract 18-3, Millstone Pump Station Odor Abatement Design

Mr. Doelling reported that the contractor, B.R. Welding, continues to submit shop drawings for the equipment and materials.

Contract 18-5, Millstone Pump Station Parshall Flume Replacement Project

Mr. Doelling reported that the new Parshall flume is expected to be delivered this week. Once it arrives at SBRSA, staff will coordinate the installation.

Contract 19-1, Nitrification Clarifier No. 2 Improvements Project

Mr. Doelling reported that on May 10, 2019 a pre-construction meeting was held with Iron Hills Construction, Inc. At that meeting, Iron Hills presented a preliminary construction schedule that has the project being completed in mid-December.

River Road Wastewater Treatment Plant - Operations Building Roof Replacement Project

Mr. Doelling reported that staff has received one quotation for the Operations Building roof replacement and is waiting for a second quotation from the one other members of the Mercer County Cooperative. We expect to get that second quote by the next Board meeting.

Process Control/SCADA

Mr. Doelling indicated that the monthly flow meter verification was conducted by staff on May 1, 2019.

Mr. Doelling reported that staff continues its evaluation of the Pulsar DUET ultrasonic flow metering device for a potentially more accurate and reliable measurement of open channel flow. The new meter was installed in Meter Station No. 7 on April 29th. The existing meter was relocated upstream of the new meter, and recalibrated. Both meters were re-verified several times. The Pulsar DUET meter verifications are holding steady at less than a quarter of a percent error across each of our verifications. The ISCO meter has drifted. It was approximately 6% out of range and currently is out of range by 4%.

Plant Influent Flow Meter

Mr. Doelling reported that the staff continues with the calibration checks on the two (2) flow transmitters. A comparison summary of the sum of our billing meters versus the River Road plant influent meter was provided to the Board. The meters are within 1%.

Information Technology

Mr. Thomas reported that the video surveillance server upgrade is complete. The disk performance increase was approximately 600%.

Mr. Thomas stated that three (3) new 6 kVA Uninterruptable Power Supplies (UPS) are installed and running in the server room. The battery life should provide over one-hour of protection for our current load.

Mr. Thomas reported that the staff continues to test the partial Windows 10 deployment; we expect to have all workstations upgraded by August.

569.12 Finance

Payment of Bills and Claims

Mr. Goldfarb moved for approval of Resolution 2019-31 for the payment of bills and claims in the amount of \$2,273,845.23 with two signatures instead of three. The motion was seconded by Mr. Patel.

Resolution 2019-31 was then passed by a roll call vote of 6 to 0. Resolution 2019-31 follows.

Resolution Regarding Payment of Bills and Claims

Resolution No. 2019-31

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 \$2,273,845.23 be approved for payment with checks bearing two authorized signatures instead of three authorized signatures.

Recorded Vote:	AYE	NO	ABSTAIN	ABSENT
Gale D. Downey	X			
David A. Goldfarb	X			
C. Schuyler Morehouse	X			
Bharat Patel	X			
Pamela Switlik	X			
Miguel Vilaro-Munet	X			

Treasurer's Report

Mr. Sears reported that the net income for five months of the 2019 fiscal year ending April 31, 2019, was \$667,585. The Authority has total cash and investments of \$18,281,937. The current construction projects balance is \$9,307,379. Mr. Sears noted there are sufficient

funds for these projects. The outstanding bond principal balance is unchanged at \$17,577,119.

Monthly Sludge Business Analysis

Mr. Sears reported that the monthly net income figure for the month of April is \$119,347 and the cumulative net income is \$526,114.

Mr. Sears reported that there will be an upcoming Finance Committee meeting to go over the audit findings. GASB 67 & 68 was released this afternoon.

Mr. Sears will send out an email to the Finance Committee with available meeting dates to review 2018 financial reports.

569.13 Personnel Report

Ms. Pchola reported that there was one (1) new hire for the position of Operator VI.

Mr. Goldfarb asked if we have written Personnel policies and if they are reviewed from time to time with our attorneys.

Mr. Sears reported that the Personnel policies must be reviewed by our attorney every two (2) years based on JIF (Joint Insurance Fund) standard. SBRSA's labor attorney reviews and signs off on the policies.

569.14 Correspondence

None.

569.15 Old Business

There was nothing to report.

569.16 New Business

The following liquid sludge contract was approved on a motion by Mr. Goldfarb, seconded by Mr. Vilaro-Munet and passed by a vote of 6 to 0.

Johnson & Johnson, CPC	50,0000 gallons	01/01/2019 to 12/31/2019
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569.17 Open to the Public

Chairman Downey opened the public portion of the meeting. As there was no one from the public present, the public portion of the meeting was closed.

569.18 And such other issues as may come before the Board

The Board expressed their appreciation to Ms. Carlino for her many years of outstanding service. The Board thanked Ms. Carlino for her attention to detail and that it has been a pleasure working with her for the past 19 years. The Board wished her well.

569.19 Executive Session

The Board entered Executive Session at 8:17 pm on a motion by Mr. Goldfarb, seconded by Mr. Patel and passed by a roll call vote of 6 to 0. Resolution 2019-34 follows.

Resolution Authorizing Closed Session Pursuant to the Open Public Meetings Law

Resolution 2019-34

BE IT RESOLVED by the Stony Brook Regional Sewerage Authority on this 20th day of May, 2019, 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 2019 salary increase for the Executive Director.
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.

<u>Recorded Vote:</u>	<u>AYE</u>	<u>NO</u>	<u>ABSTAIN</u>	<u>ABSENT</u>
-----------------------	------------	-----------	----------------	---------------

Gale D. Downey	X			
David A. Goldfarb	X			
C. Schuyler Morehouse	X			
Bharat Patel	X			
Pamela Switlik	X			
Miguel Vilaro-Munet	X			

Report of Executive Session

A discussion took place regarding the Executive Director's salary increase and the required resolution for the 2019 salary increases for non-union and management personnel.

Return to Public Session

The Board returned to Public Session at 8:45 p.m. on motion by Mr. Morehouse, seconded by Mr. Patel and passed by unanimous vote.

The Board approved a salary increase for non-union and all management personnel through Resolution 2019-35 which was moved by Mr. Patel and seconded by Mr. Vilaro-Munet and passed by a roll call vote of 6 to 0. Resolution 2019-35 follows.

Resolution Authorizing 2019 Salary Increases for Non-Union and Management Personnel

Resolution No. **2019-35**

WHEREAS, the Stony Brook Regional Sewerage Authority (Authority) has evaluated the Authority's Non-Union and Management personnel salaries; and

WHEREAS, the Authority has recommended a 2.5% salary increase for said personnel; and

WHEREAS, the Stony Brook Regional Sewerage Authority has funds available in the Salaries/Benefits Account 3001 and 3007 in the 2019 Operating Budget.

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

All Non-Union personnel shall receive a salary increase of 2.5%, retroactive to January 1, 2019. If hired after January 1, 2018, Non-Union personnel shall receive a prorated 2.5% increase based on the number of months employed by the Authority during 2018; and

All Management personnel shall receive a salary increase of 2.5%, retroactive to January 1, 2019. If hired after January 1, 2018, Management personnel shall receive a prorated 2.5% increase based on the number of months employed by the Authority during 2018; and

BE IT FURTHER RESOLVED that this Resolution shall take effect immediately.

<u>Recorded Vote:</u>	<u>AYE</u>	<u>NO</u>	<u>ABSTAIN</u>	<u>ABSENT</u>
Gale D. Downey	X			
David A. Goldfarb	X			
C. Schuyler Morehouse	X			
Bharat Patel	X			
Pamela Switlik	X			
Miguel Vilaro-Munet	X			

569-20 Adjournment

A there was no further business to come before the Board, the meeting was adjourned at 8:50 p.m. on a motion by Mr. Goldfarb, seconded Mr. Morehouse and passed by unanimous vote.

Respectfully Submitted,

Antonia Pchola
Secretary

Recorded and Written by
Angela Christiano
June 10, 2019

STONY BROOK REGIONAL SEWERAGE AUTHORITY

BOARD RELATED ACTIVITIES

SBRSA CONSULTANTS FY 2019

June 2019

26

	Contract Award Date	Contract Type	Contract Award	Total Contract Amount (including amendments)	Comments
Engineering					
AECOM					
Commercial Power Protection Project	2/26/2018	Design	No Political Contributions Allowed	\$29,440 (TC)	Resolution 2018-07 Amendment No. 1 \$7,721(LS) Resolution 2019-24 (3/25/2019)
Chavond-Barry Engineering					
General Incinerator Advice 2019	11/12/18	Advice	No Political Contributions Allowed	\$25,000 (TC)	Resolution 2018-68
Kleinfelder					
2019 Annual Inspection	3/25/2019	Study	No Political Contributions Allowed	\$18,400	Resolution 2019-18
Annual Engineering Advice 2019	11/12/18	Advice	No Political Contributions Allowed	\$35,000 (TC)	Resolution 2018-72
NJPDES Permit Advice 2019	11/12/18	Advice	No Political Contributions Allowed	\$50,000 (TC)	Resolution 2018-71
Emergency Generator CS	FY 2014	Construction Services	No Political Contributions Allowed	\$356,880 (TC)	Resolution 2014-49
Upstream Facility Planning Study	2/23/15	Study	No Political Contributions Allowed	\$155,000 (LS)	Resolution 2015-03
River Road Phosphorous Impact Modeling Study	3/28/2016	Study	No Political Contributions Allowed	\$71,645 (TC)	Resolution 2016-24 up to \$70,000 Amendment No. 1 \$5,250 Resolution 2017-48 Amendment No. 2 - \$3,500 Resolution 2018-29
Filtration/Disinfection Byproducts	8/22/2016	Study	No Political Contributions Allowed	\$93,060(LS)	Resolution 2016-54
Pennington Upgrade/Expansion Construction Services	7/24/2017	CS	No Political Contributions Allowed	\$576,380(TC)	Resolution 2017-47
UV Disinfection/Filtration	2/26/2018	Design	No Political Contributions Allowed	\$828,320 (LS)	Resolution 2018-03
ELECSYS					
General Advice 2019	11/12/2018	Advice	No Political Contributions Allowed	\$15,000 (TC)	Resolution 2018-73
TRC					
Odor Evaluation	6/25/2018	Study	No Political Contributions Allowed	\$18,530 (TC)	Resolution-2018-32
KEMS LLC					
General Incinerator/Regulatory Advice 2019	11/12/18	Advice	No Political Contributions Allowed	\$49,990 (TC)	Resolution 2018-70
GHD					
Dewatered Sludge Pump Project	2/22/2016	CS	No Political Contributions Allowed	\$31,919 (TC)	Resolution 2016-08

SBRSA CONSULTANTS FY 2019

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	Contract Award Date	Contract Type	Contract Award	Total Contract Amount (including amendments)	Comments
R3M					
Millstone PS Odor Abatement System Improvements	6/26/2017	Design	No Political Contributions Allowed	\$102,209 (LS)	Resolution 2017-41 Amendment No. 1 \$30,653 Des (LS) \$6,312 CS (TC) Resolution 2018-08
		CS		\$24,843(TC)	
EMA					
IT Advice 2019	11/12/18	Advice	No Political Contributions Allowed	\$30,000 (TC)	Resolution 2018-69
Finance/Insurance Consultants					
Gabel Associates	FY 2017	Electricity Energy Agent	Extraordinary Unspecifiable Service/No Political Contributions Allowed	\$0.0005/kwh (2 year)	Resolution 2017- 77 Contract Ends 4/30/20
Suplee, Clooney & Company	10/22/18	Audit	No Political Contributions Allowed	\$20,100 (LS) Supplemental Services \$150/hour	Resolution 2018-61
Administrative					
Maraziti Falcon, LLP - 2019	11/12/18	General Counsel	No Political Contributions Allowed	\$1,500/month Retainer fee plus hourly rates	Resolution 2018-78
Weiner Law Group LLP - 2019	11/12/18	Labor Attorney	No Political Contributions Allowed	\$200/hour Partners \$180/hour Associates \$105/hour Paralegals and Law Clerks	Resolution 2018-79
Hawkins Delafield and Wood LLP	3/28/2016	Professional Service Bond Counsel- NJEIFP '17 Schwing Pumps	No Political Contributions Allowed	\$32,500	Resolution 2016-25 (Proj. No. S340400-10)

<i>Contracts to be Awarded</i>	<i>Contract Award Date</i>	<i>Contract Type</i>	<i>Contract Award</i>	<i>Contract/ Amendment Amount</i>	<i>Comments</i>
<i>TRC – Annual Odor Evaluation</i>	<i>6/24/2019</i>	<i>Study</i>	<i>No Political Contributions Allowed</i>	<i>\$18,980 (TC)</i>	<i>Resolution-2019-36</i>
<i>Hawkins Delafield and Wood LLP</i>	<i>6/24/2019</i>	<i>Professional Service Bond Counsel-I Bank – Filtration/UV Disinfection Project</i>	<i>No Political Contributions Allowed</i>	<i>\$32,500 (LS)</i>	<i>Resolution 2019-41 (Proj. No. S340400-11)</i>
<i>Adams Gutierrez & Lattiboudere, LLC</i>	<i>6/24/2019</i>	<i>Professional Services -Counsel Labor Negotiations</i>	<i>No Political Contributions Allowed</i>	<i>\$170/hour Partners/Counsel \$95/hour Paralegals and Law Clerks</i>	<i>Resolution 2019-45</i>

TC-Time Charge, LS-Lump Sum, CS,-Construction Services

sbrsa

MEMORANDUM

To: SBRSA Board Members
From: Antonia Pchola, Executive Director
Subject: Recommendation for Legal Counsel for Labor Negotiations
Date: June 20, 2019

On June 3, 2019, Stony Brook Regional Sewerage Authority (SBRSA) requested proposals from the Weiner Law Group LLP (WLG) and Adams Gutierrez & Lattiboudere, LLC (AGL) to provide legal services for the negotiation of our collective bargaining agreement with Construction and General Labors' Union Local 172 of South Jersey which will expire on December 31, 2019.

Staff reviewed the proposals from the WLG, our current labor attorney and the proposal from AGL. Both firms provided the required pay to play forms and included the requested municipal/education/government client lists with their proposals. Based on our review of the proposals and our experience working with the attorneys (from previous law firms) both firms are equally qualified.

Mr. Andrew Brown currently with AGL, negotiated SBRSA's last two (2) collective bargaining agreements (CBA). Ms. Stefani Swartz currently with WLG has been our labor attorney for the past several years and has assisted SBRSA on all other labor related issues (previously with Schwartz Simon Edelstein & Celso, LLC).

As requested, the proposals included the following billing rates:

	WLG	AGL
Partners and Counsel	\$200/hr	\$170/hr*
Associates	\$180/hr	
Paralegals and Law Clerks	\$105/hr	\$95/hr

*For all attorneys

Based on our experience with Mr. Andrew Brown and the related hourly rates, staff recommends award of legal counsel for labor negotiations with the Construction and General Labors' Union Local 172 of South Jersey for the Agreement which will expire on December 31, 2019.

**Resolution Authorizing the Award of a “No Political Contributions Allowed” Contract
for
Legal Counsel for Labor Negotiations to
Adams Gutierrez & Lattiboudere, LLC**

Resolution No. 2019-45

Date: June 24, 2019

WHEREAS, the Stony Brook Regional Sewerage Authority (SBRSA) has a need for legal counsel for labor negotiations of our collective bargaining agreement (CBA) with Construction and General Labors’ Union Local 172 of South Jersey; and

WHEREAS, the current CBA will expire on December 31, 2019; and

WHEREAS, SBRSA had requested and received proposals from the Weiner Law Group LLP and Adams Gutierrez & Lattiboudere LLC to provide legal counsel for labor negotiations of our collective bargaining agreement with Construction and General Labors’ Union Local of South Jersey which will expire on December 31, 2019, and

WHEREAS, SBRSA has reviewed the proposals and provided a recommendation to award the contract to Adams Gutierrez & Lattiboudere, LLC for legal counsel services for labor negotiations as indicated in the Memorandum to the SBRSA Board Members dated June 20, 2019; and

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

WHEREAS, it is anticipated term of this contract will not exceed one-year but may be extended as necessary as approved by the Stony Brook Regional Sewerage Authority; and

WHEREAS, the proposal submitted by Adams Gutierrez & Lattiboudere, LLC dated June 12, 2019 indicated they will provide labor negotiations services in connection with the above-mentioned collective bargaining agreement based on the following fee structure:

Partners and Counsel	\$170/hour
Paralegals and Law Clerks	\$95/hour

WHEREAS, Adams Gutierrez & Lattiboudere, LLC has completed and submitted a Business Entity Disclosure Certification which certifies that Adams Gutierrez & Lattiboudere, LLC has not made any reportable contributions to a municipal political party committee of a governing body that appoints members to the Stony Brook Regional Sewerage Authority including Princeton, South Brunswick Township, West Windsor Township, Hopewell Borough, Hopewell Township and Pennington Borough in the previous one year, and that the contract will prohibit Adams Gutierrez & Lattiboudere, LLC from making any reportable contributions through the term of the contract, and

WHEREAS, the CFO has certified funds are available in the 2019 Budget Legal Non-Retainer line account 1000-4001.

NOW THEREFORE, BE IT RESOLVED that the Board of the Stony Brook Regional Sewerage Authority authorizes the Secretary to enter into a contract with Adams Gutierrez & Lattiboudere, LLC as described herein; and,

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

MOVED:

SECONDED:

ADOPTED:

Recorded Vote:

AYE

NO

ABSTAIN

ABSENT

Gale D. Downey

David A. Goldfarb

C. Schuyler Morehouse

Bharat Patel

Pamela Switlik

Miguel Vilaro-Munet

I HEREBY CERTIFY that the forgoing is a true and accurate copy of a Resolution adopted by the Stony Brook Regional Sewerage Authority at their Board Meeting on June 24, 2019.

Antonia Pchola, P.E.
Secretary

Date

JOSEPH J. MARAZITI, JR.
 CHRISTOPHER H. FALCON
 DIANE ALEXANDER†
 BRENT T. CARNEY
 ANDREW M. BREWER
 JOANNE VOS
 CHRISTOPHER D. MILLER*†
 HEATHER A. PIERCE
 PATRICK D. MESSMER
 AILEEN M. BRENNAN†
 CHRISTINE L. PLACIDE

†ALSO ADMITTED IN NY
 †ALSO ADMITTED IN DC

MARAZITI FALCON, LLP

ATTORNEYS AT LAW

150 JOHN F. KENNEDY PARKWAY
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Direct Dial: 973-912-6811
 E-mail Address: dalexander@mfhenvlaw.com

April 20, 2017

VIA ELECTRONIC and REGULAR MAIL

Chairman Bartolini and Members
 Stony Brook Regional Sewerage Authority
 290 River Road
 Princeton, NJ 08540

Re: Legal Opinion Regarding Imposition of Connection Fees

Dear Chairman Bartolini and Members:

This legal opinion is provided regarding the extent to which the Stony Brook Regional Sewerage Authority (SBRSA), a regional authority, serving Pennington Borough, Hopewell Borough, Princeton, South Brunswick Township, West Windsor Township and Hopewell Township, (hereinafter collectively referred to as "Participants") may impose connection fees upon individual property owners within the boundaries of the Participants. For the reasons set forth more fully below, it is our opinion that SBRSA is authorized under the Sewerage Authorities Law at N.J.S.A. 40:14A-8(b) to impose connection fees upon the owner or occupant of property connected to the SBRSA System, however, Section 407 of the SBRSA Amended Service Contract suspends SBRSA's right to impose connection fees so long as the Participant is not in default with respect to any payments due by it to the SBRSA.

Therefore, it is our legal opinion that prior to the SBRSA imposing a connection fee, the Service Contract must be amended. In order to amend the Service Contract, all of the Participants must pass parallel ordinances, and the Authority must pass a resolution, amending the Service Contract to allow the Authority to collect connection fees.

ISSUES:

Whether a regional sewerage authority may impose a connection charge upon new connectors to a municipal system served by the regional system, and whether the statutory authority to share in sewer connection charges was waived by contractual agreement.

ANSWER:

The Sewerage Authorities Law at N.J.S.A. 40:14A-8(b), and relevant case law, supports the statutory authority of a regional sewerage authority to impose connection fees upon the owner or occupant of property connected to the regional system. However, Section 407 of the SBRSA Amended Service Contract suspends SBRSA's right to impose connection fees so long as the Participant is not in default with respect to any payments due by it to the SBRSA.

ANALYSIS:

N.J.S.A. 40:14A-8 provides that a sewerage authority may impose two types of charges: (a) a service charge, which is intended to pay for the operation and maintenance of the system as well as to fund reserves and current debt service; and (b) a connection charge, which is to represent a fair payment toward the cost of the system. The statute thereafter describes how the connection charge is to be calculated.

In Airwick Industries, Inc. vs. Carlstadt Sewerage Authority, 57 N.J. 107 (1970), the Supreme Court reviewed the connection fee charged by a local authority and observed that the premise behind the connection charge is that all properties within a potential service area, whether served or not, should absorb the debt cost for the construction and installation of the regional system. Id at 120. And the court went on to point out that the imposition of a connection charge on a property when it ultimately connects to the system is entirely appropriate because in the absence of such a charge the unimproved property would benefit unfairly with respect to so much of the capital cost and interest thereon as may have been paid in the past by users of the sewer. Id at 121.

The court went on to analyze in greater depth the connection charge and concluded as follows:

The logical construction of the foregoing subsections is that the legislature intended that the installation and construction costs, i.e. debt service charges, should in the first instance be financed by the actual users but should ultimately be borne by all the properties benefitted, including the unimproved lands. For that reason there was provided a charge in the nature of a connection charge to be imposed upon unimproved properties *in order that they assume a fair share of the original construction costs when they become improved properties.* (emphasis added).

The Authority may, therefore, include as part of the connection fee a sum of money which will represent a fair contribution by the connecting party towards the debt service charges theretofore met by others. The statute need not be read to require precise mathematical equality, but rather to contemplate rough equality, keeping in mind that we are in an area in which, as with respect to other tax and possessions, absolute equality is neither feasible nor constitutionally vital. The Authority may, therefore, in its discretion, prescribe a schedule of connection fees escalating with the passage of time, requiring a potential user to absorb a fair proportion of the sum theretofore paid by the actual users for principal and interest on the bonds.

This connection fee concept was also discussed in the context of a matter involving a regional sewerage authority in Nestle USA vs. Manasquan River Regional Sewerage Authority, 330 N.J. Super. 510 (App. Div. 2000). In Nestle, the Court discussed the manner of calculation of the connection charge and determined that the connection charge applied only to “connecting parties.” The Appellate Division held that a regional sewerage authority could not charge a user who is already in the system an additional connection fee when its wastewater flow increases unless a new physical connection or an enlargement or other such modification of an existing connection is made.

Recently, the issue of a regional sewerage authority charging a connection fee was reviewed with respect to a controversy involving the North Bergen Municipal Utilities Authority (North Bergen MUA) and the North Hudson Sewerage Authority (North Hudson SA) in 612 Associates, L.L.C. v. North Bergen Municipal Utilities Authority, 215 N.J. 3 (2013). In this case, the Plaintiff, 612 Associates, L.L.C., constructed a condominium complex in Union City near the border of North Bergen Township. The relevant facts reveal that the sewage from Plaintiff’s site flowed, via gravity, through the North Hudson SA sewer lines approximately 300 feet until reaching the North Bergen MUA sewer lines where it was conveyed to the treatment plant owned and operated by North Bergen MUA.

A dispute arose between North Bergen MUA (the regional authority) and North Hudson SA (owner of the local collection system) as to which authority was entitled to collect the statutorily-authorized connection fee. In this instance a unanimous Supreme Court held that, “each authority that serves a property, whether through a direct or indirect connection, is permitted to charge a connection fee.” The imposition of any such fee must still be bound by the statutory command that the fee “represent a fair payment toward the cost of the system.” (Citations omitted.) “In this regard, a fair payment must be one that reflects the use of each system and is not duplicative.” Id at 5.

Accordingly, there is no question that a regional sewerage authority may impose a connection charge upon new connectors to its system. The issue then becomes, whether this statutory authority to share in sewer connection charges was suspended by contractual agreement.

In the Amended Service Contract between the SBRSA and the Boroughs of Hopewell, Pennington and Princeton and the Townships of Princeton, West Windsor and South Brunswick, dated November 1, 1977 (Amended Service Contract), Section 407 entitled Limitation on Service Charges, provides as follows:

The sums payable by a Participant to the Authority under the provisions of this Article are and shall be in lieu of Service Charges with regard to real property in such Participant directly or indirectly connected with the System and real property connected with the Local Sewerage System of such Participant connected with the System in accordance with Article III. So long as such Participant shall not be in default in the making of any payments becoming due from it under the provisions of this Article, the Authority will suspend Service Charges with regard to such real property...." (Emphasis supplied)

The Amended Service Contract, at Article 1, Section 101(21) defines Service Charges. "Service Charges means rents, rates, fees or other charges for direct or indirect connection with, or the use or services of, the System which the Authority, under the provisions of Section 8 of the Act, is or may be authorized to charge and collect with regard to persons or real property." The Act is defined in the recitals as the Sewerage Authorities Law at N.J.S.A. 40:14-1 et seq. As connection fees are charges for direct or indirect connection with SBRSA, as authorized pursuant to Section 8 of the Sewerage Authorities Law at N.J.S.A. 40:14A-8, SBRSA has contractually agreed, pursuant to the terms of the Amended Service Contract, not to impose connection fees unless the Participant is in default. SBRSA cannot impose a connection fee upon the Participants' property owners until the Service Contract is amended to provide for the same.

Very truly yours,



Diane Alexander, Esq.

DA:smw

c: John Kantorek, P.E., Executive Director

STONY BROOK REGIONAL SEWERAGE AUTHORITY

Planning and Administration

JUNE 2019 CAPACITY STATUS REPORT

May 2019 Flow Data

MUNICIPALITY	Total Inoperative Flow to Date (gpd) ⁽¹⁾	Most Current 12 Month Avg. Daily Flow (gpd) ^{(2)/(3)/(4)}	Total Committed Flow (gpd)	Plant Permitted Capacity (gpd)	Available Capacity (gpd)	Percent of Available Capacity
Princeton	10,750	3,908,251				
West Windsor Township	298,978	2,748,743				
South Brunswick Township	291,123	4,219,216				
RIVER ROAD PLANT BILLING METER TOTALS		10,876,210				
River Road WWTP Influent Meter	600,851	11,141,904	11,742,755	13,060,000	1,317,245	10.09%
Hopewell WWTP Plant	300	308,772	309,072	300,000	(9,072)	-3.02%
Pennington WWTP Plant ⁽⁵⁾	24,385	336,191	360,576	300,000	(60,576)	-20.19%

(1) Inoperative Flow is Overstated: Some projects will not be built.

(2) Most Current 12-Month Average Daily Flow Understated: Some projects not entirely connected.

(3) RIVER ROAD PLANT BILLING METER TOTALS: Figures represent the adjusted flow values and are based on the sum of the various meters.

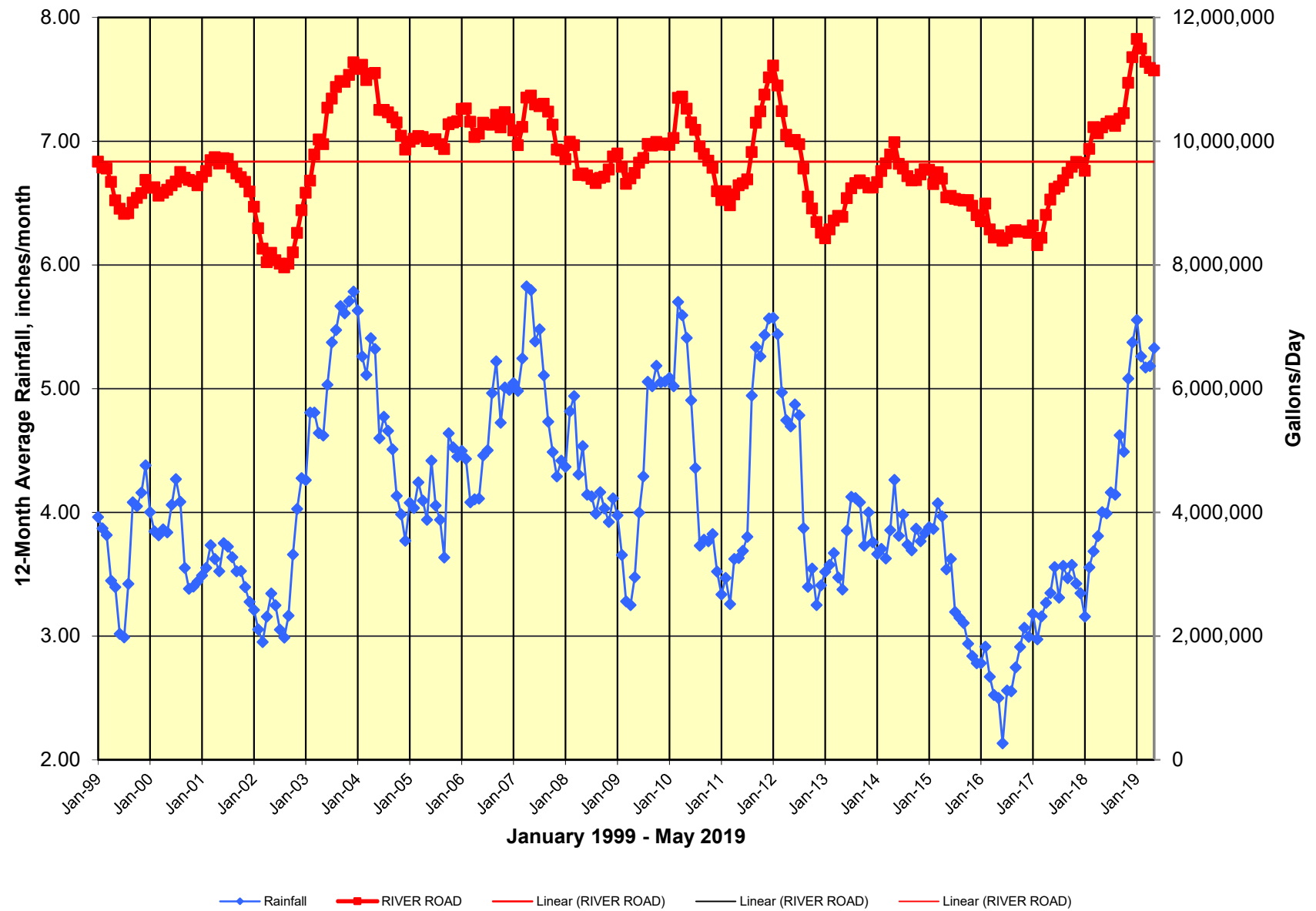
(4) **River Road Plant Influent Meter:** Figure represents the 12-month average based on 12 months of data from the River Road Influent Meter

(5) Bristol-Myers Squibb has an approved flow of 25,000 gpd - their current 12-month ADF is 4,515 gpd.

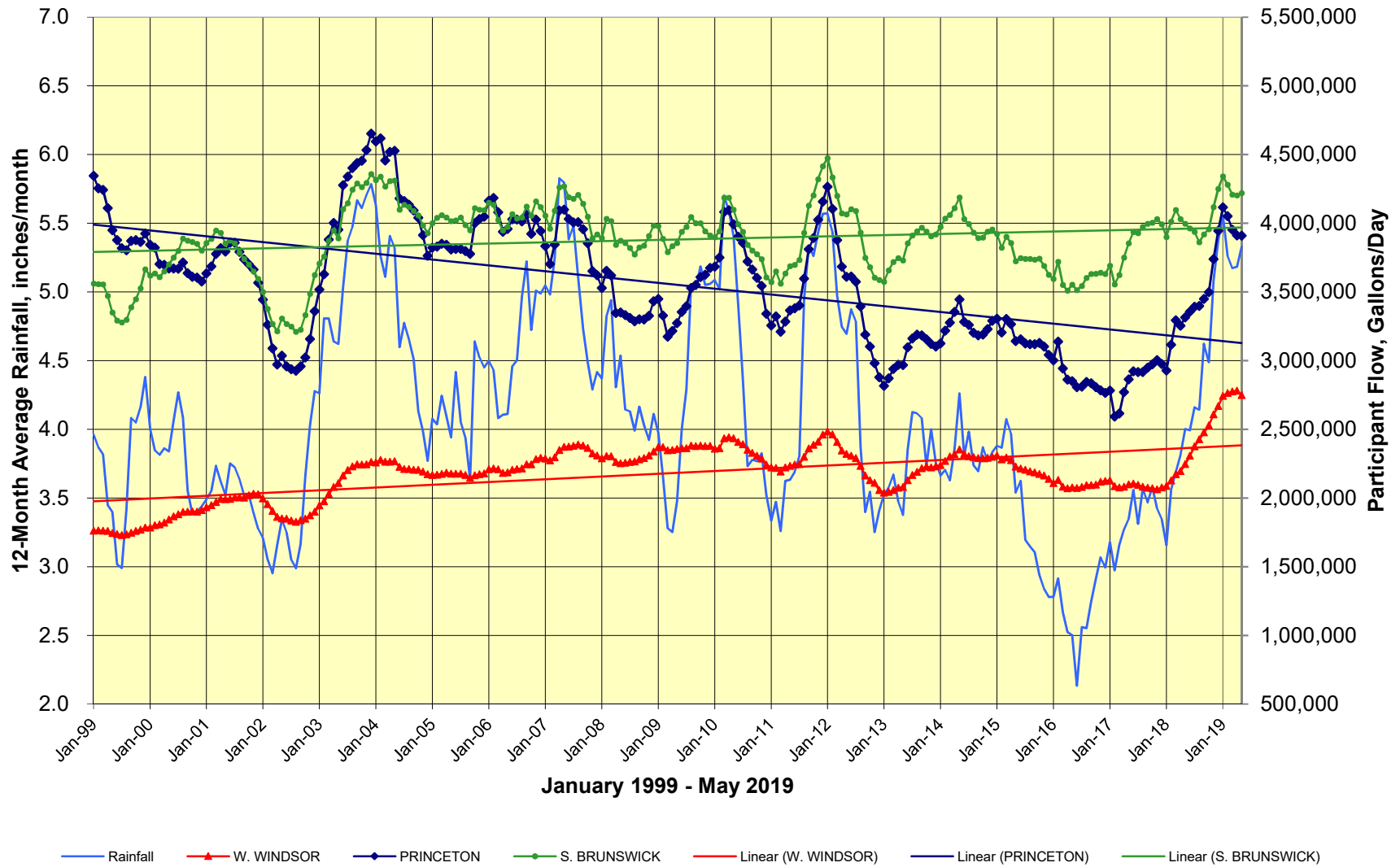
The difference of the approved flow (25,000 gpd) and the 12-month ADF (4,515 gpd) is included in the Total Inoperative Flow to Date.

NJDEP CAP rules 95% of 12-month ADF (not including committed flows) triggers a Capacity Assurance Report and expansion planning

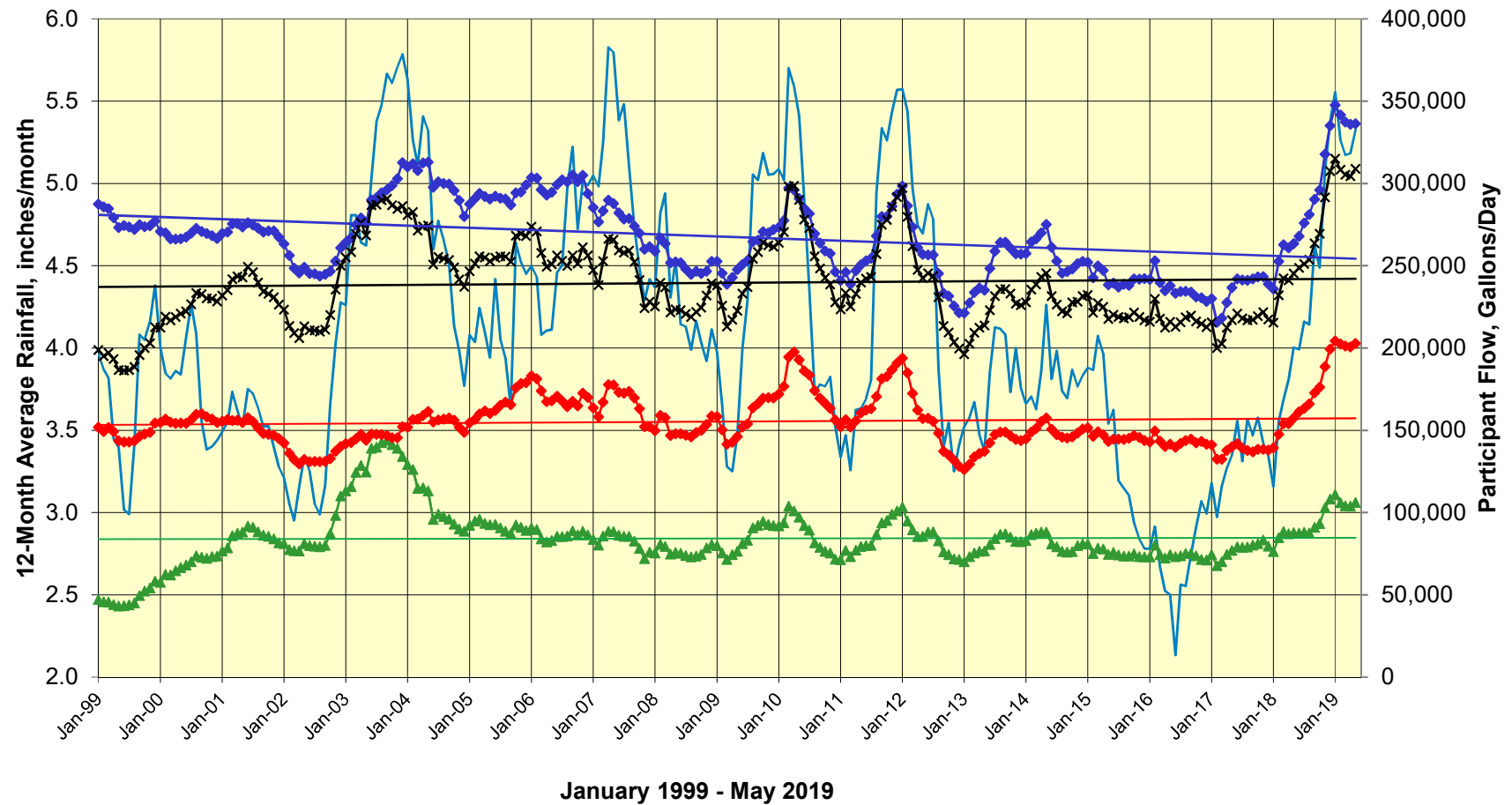
River Road 12 Month Averages for Daily Flow and Rainfall



RIVER ROAD 12 MONTH AVERAGE DAILY FLOWS



UPSTREAM 12 MONTH AVERAGE DAILY FLOWS



Rainfall PENNINGTON P-FARMS HOPEWELL HOPEWELL & P-FARMS
 Linear (PENNINGTON) Linear (P-FARMS) Linear (P-FARMS) Linear (HOPEWELL) Linear (HOPEWELL & P-FARMS)

MONTH/ YEAR	PRINCETON	MOVING		SOUTH BRUNSWICK TOWNSHIP	MOVING		WEST WINDSOR TOWNSHIP	MOVING		TOTAL FLOW	RIVER ROAD STP		RR STP INF METER	RR INF METER		TOTAL RAIN FALL	MOVING		PENNINGTON BORO/STP FLOW	PENNINGTON		HOPEWELL BORO FLOW	MOVING		PRINCETON FARMS FLOW	MOVING		HOPEWELL STP FLOW	HOPEWELL	
		12 MONTH AVERAGE	12 MONTH AVERAGE		12 MONTH AVERAGE	12 MONTH AVERAGE		12 MONTH AVERAGE	12 MONTH AVERAGE		12 MONTH AVERAGE	12 MONTH AVERAGE		12 MONTH AVERAGE	12 MONTH AVERAGE		12 MONTH AVERAGE	12 MONTH AVERAGE		12 MONTH AVERAGE	12 MONTH AVERAGE		12 MONTH AVERAGE	12 MONTH AVERAGE		12 MONTH AVERAGE				
JAN 99	4,496,600	4,344,748	4,270,367	3,560,984	1,858,219	1,761,345	10,625,186	9,667,077	7.74	3.96	341,090	287,400	156,967	151,785	72,312	47,062	229,279	198,847												
FEB	4,686,379	4,253,579	4,203,334	3,557,582	1,854,707	1,762,359	10,744,421	9,573,521	3.87	3.87	326,478	285,713	156,938	149,292	56,170	45,683	213,108	194,975												
MAR	5,811,813	4,241,944	4,768,952	3,554,064	2,023,037	1,761,365	12,603,802	9,557,373	4.22	3.82	344,432	284,679	222,149	151,627	67,616	45,448	289,765	197,074												
APR	4,385,125	4,109,442	3,876,556	3,472,505	1,909,855	1,759,029	10,171,536	9,340,975	2.77	3.45	287,500	279,231	171,225	149,244	44,865	44,066	216,090	193,309												
MAY	4,097,084	3,949,422	3,586,858	3,349,482	1,790,666	1,744,896	9,474,608	9,043,799	4.84	3.40	286,231	273,177	147,865	143,566	48,624	43,098	196,489	186,664												
JUN	3,262,410	3,877,817	3,073,675	3,291,347	1,680,909	1,736,675	8,016,994	8,905,838	0.84	3.02	247,588	274,336	131,371	142,964	35,758	43,274	167,129	186,238												
JUL	2,912,673	3,817,670	2,758,864	3,277,895	1,540,486	1,728,975	7,212,023	8,824,541	1.66	2.99	198,597	273,505	116,889	142,957	35,546	43,742	152,435	186,699												
AUG	2,817,775	3,803,154	2,851,440	3,297,841	1,634,153	1,734,596	7,303,368	8,835,591	6.93	3.42	211,279	271,919	124,167	143,562	43,029	44,938	167,196	188,500												
SEP	4,181,345	3,871,818	3,681,763	3,388,769	1,808,544	1,746,486	9,671,652	9,007,073	11.05	4.08	282,048	274,852	160,876	146,304	86,711	49,434	247,587	195,738												
OCT	3,408,140	3,877,059	3,324,739	3,446,691	1,740,524	1,759,721	8,473,404	9,083,470	2.91	4.05	251,117	273,719	146,464	147,643	67,892	52,276	220,304	199,919												
NOV	3,115,988	3,862,753	3,431,286	3,526,151	1,758,823	1,769,317	8,306,098	9,158,221	2.29	4.16	253,188	274,253	140,551	148,780	55,301	54,131	195,852	202,912												
DEC	3,914,066	3,924,117	4,145,512	3,664,446	1,799,044	1,783,247	9,858,621	9,371,809	3.44	4.38	295,961	277,126	177,995	154,455	84,976	58,233	262,971	212,688												
JAN 00	3,520,178	3,842,748	3,735,255	3,619,853	1,868,942	1,784,141	9,124,375	9,246,742	3.20	4.00	264,910	270,777	160,528	154,751	63,946	57,536	224,474	212,288												
FEB	4,439,331	3,822,161	4,368,784	3,633,640	2,049,823	1,800,401	10,857,938	9,256,202	2.01	3.85	316,710	269,963	180,582	156,722	113,479	62,312	294,061	219,034												
MAR	4,388,869	3,703,582	4,455,032	3,607,480	2,093,316	1,806,257	10,937,217	9,117,320	3.84	3.82	300,975	266,342	199,931	154,870	63,459	61,965	263,390	216,836												
APR	4,309,474	3,697,278	4,388,880	3,650,174	2,071,822	1,819,754	10,170,176	9,167,206	3.33	3.86	286,085	266,224	163,743	154,247	76,821	64,628	240,564	218,875												
MAY	3,781,656	3,670,992	4,201,377	3,701,384	2,065,137	1,842,627	10,048,169	9,215,003	4.56	3.84	288,129	266,382	149,490	154,382	71,020	66,495	220,510	220,877												
JUN	3,263,554	3,671,087	3,661,632	3,750,380	1,950,094	1,865,059	8,875,281	9,286,527	3.53	4.06	259,726	267,394	129,942	154,263	54,261	68,037	184,203	222,300												
JUL	2,887,122	3,668,958	3,334,876	3,798,381	1,724,647	1,880,406	7,946,645	9,347,745	4.13	4.27	227,551	269,807	144,103	156,531	59,692	70,049	203,794	226,580												
AUG	3,354,246	3,713,664	3,933,628	3,888,564	1,845,169	1,897,991	9,133,043	9,500,218	4.74	4.09	246,306	272,726	162,440	159,720	86,134	73,641	248,574	233,361												
SEP	3,261,421	3,637,004	3,493,274	3,872,856	1,813,917	1,898,438	8,568,612	9,408,298	4.65	3.55	258,187	270,787	164,023	159,983	76,995	72,831	241,018	232,814												
OCT	3,077,696	3,609,467	3,223,672	3,864,434	1,767,013	1,900,646	8,068,380	9,374,546	0.88	3.38	236,187	269,543	123,904	158,103	58,290	72,031	182,193	230,134												
NOV	3,050,518	3,604,011	3,273,573	3,851,291	1,745,071	1,899,500	8,069,162	9,354,802	2.50	3.40	236,720	268,171	124,753	156,786	68,517	73,132	193,270	229,919												
DEC	3,581,346	3,576,284	3,543,404	3,801,116	1,924,628	1,909,965	9,049,379	9,287,365	3.91	3.44	276,077	266,514	153,167	154,717	89,740	73,530	242,907	228,247												
JAN 01	4,211,345	3,633,882	4,405,976	3,857,009	2,131,868	1,931,875	10,749,189	9,422,766	3.80	3.49	300,838	269,508	169,184	155,439	99,774	76,515	268,958	231,954												
FEB	5,062,540	3,685,816	4,724,468	3,886,649	2,225,068	1,946,479	12,012,076	9,518,944	2.74	3.55	327,952	270,445	195,118	156,650	137,652	78,530	332,769	235,179												
MAR	5,473,527	3,776,204	5,177,950	3,946,892	2,375,029	1,969,955	13,026,505	9,693,051	6.04	3.73	360,239	275,383	192,047	155,993	151,884	85,898	343,931	241,891												
APR	4,816,148	3,818,427	4,193,492	3,930,610	2,348,231	1,992,989	11,357,871	9,742,026	1.99	3.62	287,707	275,518	164,862	156,086	94,532	87,374	259,393	243,460												
MAY	3,474,334	3,792,816	3,271,404	3,853,112	2,036,552	1,990,807	8,782,291	9,636,536	3.37	3.52	264,419	273,542	134,086	154,802	78,605	88,006	212,690	242,808												
JUN	4,054,762	3,858,750	3,912,200	3,873,993	1,961,916	1,991,592	9,928,878	9,724,336	6.26	3.75	290,915	276,142	164,478	157,680	98,438	91,688	262,916	249,368												
JUL	2,866,958	3,857,070	3,095,859	3,854,075	1,859,488	2,002,829	7,822,305	9,713,974	3.79	3.72	210,379	274,711	114,426	155,207	50,534	90,924	164,959	246,132												
AUG	2,579,819	3,792,534	3,111,440	3,785,559	1,856,222	2,003,750	7,547,480	9,581,844	3.72	3.64	223,988	272,851	117,986	151,503	53,621	88,215	171,607	239,718												
SEP	2,594,326	3,736,943	2,946,309	3,739,979	1,787,552	2,001,553	7,328,186	9,478,475	3.28	3.52	229,921	270,445	122,846	148,071	52,772	86,196	175,618	234,268												
OCT	2,646,430	3,701,004	2,722,045	3,698,177	1,965,830	2,018,121	7,334,306	9,417,302	0.91	3.53	245,113	271,189	116,978	147,494	48,944	85,418	165,922	232,912												
NOV	2,594,733	3,663,022	2,688,171	3,649,393	1,892,532	2,030,410	7,175,437	9,342,825	0.94	3.40	236,937	271,207	118,656	146,986	50,670	83,930	169,326	230,916												
DEC	2,418,311	3,566,103	2,893,097	3,595,201	1,886,115	2,027,200																								

MONTH/ YEAR	PRINCETON	RIVER ROAD					TOTAL FLOW	RR					TOTAL RAIN FALL	MOVING 12 MONTH AVERAGE	PENNINGTON BORO/STP FLOW	PENNINGTON MOVING 12 MONTH AVERAGE	HOPEWELL BORO FLOW	MOVING 12 MONTH AVERAGE	PRINCETON FARMS FLOW	MOVING 12 MONTH AVERAGE	HOPEWELL STP FLOW	HOPEWELL MOVING 12 MONTH AVERAGE
		MOVING 12 MONTH AVERAGE	SOUTH BRUNSWICK TOWNSHIP	MOVING 12 MONTH AVERAGE	WEST WINDSOR TOWNSHIP	MOVING 12 MONTH AVERAGE		MOVING 12 MONTH AVERAGE	STP INF METER	INF METER	MOVING 12 MONTH AVERAGE											
OCT	3,635,280	4,454,832	3,686,838	4,263,978	2,079,609	2,242,242	9,401,727	10,961,052				6.15	5.61	298,785	298,670	120,802	145,440	104,459	141,253	225,261	286,693	
NOV	5,130,902	4,533,275	4,907,458	4,293,035	2,199,126	2,244,103	12,237,486	11,070,412				6.53	5.71	358,940	302,796	172,618	145,440	154,963	139,015	327,581	284,455	
DEC	6,288,625	4,652,125	5,317,593	4,358,844	2,427,732	2,261,704	14,033,950	11,272,673				6.41	5.78	445,180	312,639	243,438	152,162	142,291	134,039	385,729	286,201	
JAN 04	3,930,959	4,595,388	3,734,613	4,315,371	2,247,170	2,257,318	9,912,741	11,168,077				0.98	5.63	258,037	309,988	152,616	151,809	72,363	128,982	224,979	280,790	
FEB	4,502,561	4,617,860	4,126,482	4,338,664	2,300,766	2,275,759	10,929,809	11,232,283				2.96	5.26	302,378	311,982	187,140	156,584	88,543	126,086	275,683	282,670	
MAR	4,497,758	4,456,395	4,416,963	4,267,279	2,280,471	2,263,131	11,195,191	10,986,805				3.01	5.11	313,559	307,866	175,555	156,705	113,351	114,657	288,906	271,362	
APR	5,586,462	4,519,227	4,904,477	4,306,500	2,427,034	2,263,832	12,917,973	11,089,560				6.03	5.41	358,672	312,502	192,585	159,036	142,311	114,881	334,896	273,917	
MAY	3,745,689	4,526,135	3,774,805	4,311,331	2,278,845	2,266,311	9,799,339	11,103,777				4.33	5.32	272,773	313,019	150,950	161,346	62,477	113,045	213,428	274,392	
JUN	2,867,876	4,179,463	3,431,164	4,099,115	2,099,214	2,224,923	8,398,254	10,503,502				1.39	4.60	233,840	297,737	116,722	154,997	50,156	95,714	166,878	250,711	
JUL	3,144,891	4,161,026	3,790,120	4,134,126	2,025,358	2,210,197	8,960,369	10,505,350				7.61	4.77	261,649	301,008	129,753	156,303	94,905	99,081	224,657	255,384	
AUG	2,867,812	4,134,612	3,661,401	4,119,339	2,043,836	2,210,136	8,573,048	10,464,087				2.80	4.66	229,952	299,938	121,663	156,819	63,619	97,556	185,282	254,376	
SEP	2,912,714	4,092,627	3,307,713	4,088,302	2,053,096	2,205,188	8,273,524	10,366,118				5.93	4.51	261,261	299,586	125,606	157,454	62,374	95,984	187,980	253,438	
OCT	2,998,740	4,039,582	3,302,473	4,056,272	2,077,383	2,205,003	8,378,596	10,300,857				1.62	4.13	251,255	295,625	104,429	156,090	66,952	92,859	171,381	248,948	
NOV	3,600,435	3,912,043	4,054,684	3,985,207	2,032,270	2,191,098	9,687,388	10,088,349				4.74	3.98	287,135	289,641	121,511	151,831	118,874	89,851	240,385	241,682	
DEC 04	4,515,052	3,764,246	4,631,265	3,928,013	2,197,547	2,171,916	11,343,863	9,864,175				3.85	3.77	328,404	279,910	205,623	148,679	126,235	88,513	331,857	237,193	
JAN 05	4,618,976	3,821,580	4,606,389	4,000,661	2,192,177	2,167,333	11,417,542	9,989,575				4.67	4.08	348,910	287,482	222,638	154,515	115,608	92,117	338,247	246,632	
FEB	4,607,799	3,830,350	4,604,144	4,040,466	2,316,269	2,168,625	11,528,212	10,039,442				2.46	4.04	342,301	290,809	212,088	156,594	118,961	94,652	331,049	251,246	
MAR	4,741,373	3,850,652	4,629,754	4,058,199	2,351,260	2,174,524	11,722,386	10,083,375				5.49	4.24	350,814	293,914	214,242	159,818	128,547	95,918	342,790	255,736	
APR	5,492,432	3,842,816	4,714,143	4,042,338	2,531,956	2,183,268	12,738,531	10,068,421				4.26	4.10	335,496	291,982	215,066	161,691	110,936	93,304	326,003	254,995	
MAY	3,328,124	3,808,019	3,453,047	4,015,525	2,197,904	2,176,522	8,979,075	10,000,066				2.47	3.94	254,900	290,493	132,419	160,147	52,541	92,476	184,961	252,623	
JUN	2,924,875	3,812,769	3,501,114	4,021,354	2,102,060	2,176,760	8,528,049	10,010,882				7.11	4.42	254,213	292,191	140,313	162,113	52,836	92,699	193,149	254,812	
JUL	3,139,659	3,812,333	3,042,513	4,042,387	2,016,896	2,176,054	9,199,067	10,030,773				3.28	4.06	247,695	291,028	166,901	165,208	68,912	90,533	235,813	255,741	
AUG	2,677,928	3,796,509	2,996,822	3,987,005	1,931,496	2,166,893	7,606,247	9,950,207				1.41	3.94	223,197	290,465	143,766	167,050	39,713	88,541	183,479	255,591	
SEP	2,679,759	3,777,096	2,840,617	3,948,080	1,804,960	2,146,015	7,325,337	9,871,191				2.26	3.64	218,529	286,904	107,676	165,556	43,161	86,940	150,838	252,496	
OCT	5,683,514	4,000,827	5,237,157	4,109,304	2,302,187	2,164,748	13,222,857	10,274,879				13.67	4.64	338,769	294,197	227,799	175,837	131,592	92,326	359,391	268,163	
NOV	3,962,403	4,030,991	3,914,879	4,097,654	2,123,733	2,172,370	10,001,014	10,301,015				3.37	4.53	294,111	294,778	152,406	178,412	102,390	90,953	254,796	269,364	
DEC 05	4,720,774	4,048,135	4,586,880	4,093,955	2,265,168	2,178,005	11,572,822	10,320,095				2.96	4.45	380,064	299,083	211,145	178,872	104,558	89,146	315,703	268,018	
JAN 06	5,999,933	4,163,214	5,276,138	4,149,767	2,551,684	2,207,964	13,827,754	10,520,946				5.24	4.50	402,645	303,561	272,801	183,052	134,010	90,680	406,811	273,732	
FEB	4,846,750	4,183,127	4,412,044	4,133,759	2,380,458	2,213,313	11,639,253	10,350,199				1.66	4.43	338,517	303,246	190,277	181,234	105,386	89,548	295,663	270,783	
MAR	3,500,456	4,079,717	3,322,992	4,024,862	2,283,036	2,207,628	9,106,484	10,312,207				1.28	4.08	266,656	296,233	126,214	173,899	60,793	83,902	187,008	257,801	
APR	3,782,214	3,937,199	3,788,947	3,947,763	2,220,368	2,181,662	9,791,529	10,066,624				4.56	4.11	294,996	292,858	137,628	167,446	87,629	81,960	225,257	249,406	
MAY	3,578,044	3,958,026	3,766,291	3,973,866	2,237,261	2,184,942	9,581,595	10,116,834				2.54	4.11	276,309	294,642	137,251	167,848	64,695	82,973	201,946	250,821	
JUN	3,781,660	4,029,424	4,610,779	4,066,338	2,328,911	2,203,846	10,721,350	10,299,609				11.28	4.46	309,864	299,279	174,423	170,691	83,329	85,514	257,752	256,205	
JUL	3,101,823	4,026,271	3,659,928	4,034,456	2,089,201	2,209,872	8,850,952	10,270,599				3.79	4.50	281,532	302,099	131,122	167,709	65,583	85,237	196,705	252,946	
AUG	2,514,360	4,012,641	3,081,036	4,041,474	1,975,765	2,213,561	7,571,161	10,267,676				6.97	4.96	209,872	300,989	103,392	164,345	44,051	85,598	147,443	249,943	
SEP	3,258,439	4,060,864	3,798,305	4,121,281	2,176,601	2,244,531	9,233,344	10,426,676				5.34	5.22	268,158	305,124	146,693	167,596	80,172	88,682	226,864	256,278	
OCT	4,018,206	3,922,088	4,430,573	4,054,066	2,306,986	2,244,931	10,755,765	10,221,085				7.70	4.72	290,770	301,124	194,573	164,827	104,112	86,392	298,685	251,219	
NOV	5,218,237	4,026,741	5,187,486	4,160,117	2,560,405	2,281,320	12,966,128	10,468,178				6.79	5.01	339,886	304,939	246,001	172,627	128,960	88,606	374,961	261,233	
DEC 06	3,725,842	3,943,830	4,079,786	4,117,859	2,396,808	2,292,290	10,202,436	10,353,979				2.72	4.99	246,575	293,815	179,065	169,953	77,043	86,313	256,107	256,267	
JAN 07	4,663,511	3,832,462	4,524,654	4,055,235	2,474,431	2,285,853	11,662,596	10,173,549				5.93	5.05	301,030	285,347	197,848	163,707	101,922	83,639	299,770	247,347	
FEB	3,289,886																					

MONTH/ YEAR	PRINCETON	RIVER ROAD STP					RR INF METER					PENNINGTON					HOPEWELL				
		MOVING 12 MONTH AVERAGE	SOUTH BRUNSWICK TOWNSHIP	MOVING 12 MONTH AVERAGE	WEST WINDSOR TOWNSHIP	MOVING 12 MONTH AVERAGE	TOTAL FLOW	MOVING 12 MONTH AVERAGE	RR STP INF METER	MOVING 12 MONTH AVERAGE	TOTAL RAIN FALL	MOVING 12 MONTH AVERAGE	PENNINGTON BORO/STP FLOW	MOVING 12 MONTH AVERAGE	HOPEWELL BORO FLOW	MOVING 12 MONTH AVERAGE	PRINCETON FARMS FLOW	MOVING 12 MONTH AVERAGE	HOPEWELL STP FLOW	HOPEWELL MOVING 12 MONTH AVERAGE	
NOV	3,091,378	3,325,400	4,133,935	3,906,409	2,323,427	2,307,971	9,548,741	9,539,780			3.10	3.92	239,339	246,543	158,076	153,541	101,150	78,414	259,226	231,955	
DEC 08	4,654,529	3,431,808	5,344,924	3,983,032	2,547,518	2,337,338	12,546,970	9,752,179			6.54	4.11	337,695	252,662	240,321	158,698	149,826	80,508	390,147	239,207	
JAN 09	3,737,762	3,448,702	4,168,984	3,979,863	2,628,177	2,369,643	10,534,923	9,798,208			3.70	3.98	266,909	252,553	166,222	158,322	84,901	79,750	251,124	238,073	
FEB	3,343,154	3,327,375	3,824,228	3,886,455	2,430,270	2,370,087	9,597,652	9,583,917			2.42	3.66	245,357	245,494	137,052	150,338	75,426	75,439	212,477	225,777	
MAR	2,963,175	3,174,583	3,525,948	3,789,197	2,244,283	2,346,777	8,733,405	9,310,558			1.42	3.28	225,652	238,792	112,878	141,609	63,651	71,398	176,529	213,007	
APR	4,005,367	3,216,689	4,286,046	3,832,641	2,380,426	2,348,437	10,671,839	9,397,766			3.59	3.25	280,563	242,761	149,942	142,784	101,968	74,377	251,910	217,161	
MAY	4,334,012	3,272,058	4,500,872	3,856,825	2,486,408	2,355,267	11,321,292	9,484,151			7.61	3.48	315,073	247,564	186,188	146,116	99,424	76,450	285,612	222,567	
JUN	3,737,008	3,354,191	4,443,683	3,937,473	2,454,525	2,360,839	10,635,216	9,652,503			7.89	4.00	274,358	250,709	193,969	152,011	103,973	80,987	297,941	232,998	
JUL	3,024,391	3,394,888	3,502,278	3,972,915	2,229,398	2,362,217	8,756,067	9,730,020			8.32	4.29	218,908	253,054	135,531	153,908	66,502	83,099	202,032	237,007	
AUG	3,841,528	3,527,683	3,729,910	4,045,791	2,381,821	2,381,109	9,953,259	9,954,583			9.97	5.06	314,403	264,569	220,071	163,645	124,457	90,581	344,528	254,226	
SEP	3,119,753	3,551,407	3,095,223	3,999,168	2,193,056	2,376,495	8,408,032	9,927,070			2.52	5.02	245,429	265,473	160,738	166,155	69,752	92,075	230,490	258,230	
OCT	3,445,906	3,608,164	3,447,453	4,000,290	2,262,823	2,380,178	9,156,182	9,988,631			5.14	5.19	283,853	270,628	171,944	169,411	94,283	94,609	266,226	264,020	
NOV	3,301,059	3,625,637	3,433,792	3,941,945	2,277,560	2,376,356	9,012,411	9,943,937			1.50	5.05	230,583	269,899	162,011	169,739	78,326	92,707	240,336	262,446	
DEC 09	5,239,628	3,674,395	4,976,206	3,911,218	2,572,873	2,378,468	12,788,707	9,964,082			6.62	5.06	362,371	271,955	239,129	169,640	140,755	91,951	379,884	261,591	
JAN 10	3,848,789	3,683,648	4,012,500	3,898,178	2,384,469	2,358,159	10,245,758	9,939,985			4.04	5.09	283,073	273,302	195,040	172,041	84,103	91,885	279,143	263,926	
FEB	4,137,345	3,749,830	4,348,416	3,941,860	2,463,410	2,360,921	10,949,171	10,052,612			1.61	5.02	295,877	277,512	192,130	176,631	98,077	93,772	290,207	270,403	
MAR	6,937,555	4,081,028	6,451,486	4,185,655	3,123,834	2,434,217	16,512,874	10,700,901			9.60	5.70	461,673	297,180	326,807	194,458	183,402	103,752	510,210	298,210	
APR	4,175,477	4,095,204	4,277,723	4,184,962	2,468,030	2,441,517	10,921,230	10,721,683			2.30	5.59	266,074	295,973	187,739	197,608	68,552	100,967	256,291	298,575	
MAY	3,102,899	3,992,611	3,457,093	4,097,980	2,387,055	2,433,238	8,947,046	10,523,829			5.41	5.41	253,848	290,871	128,656	192,814	54,216	97,200	182,872	290,013	
JUN	2,647,060	3,901,783	3,183,687	3,992,980	2,138,123	2,406,871	7,968,870	10,301,634			1.84	4.91	201,681	284,814	113,868	186,139	40,595	91,918	154,463	278,057	
JUL	2,468,897	3,855,491	2,832,018	3,937,125	2,018,794	2,389,321	7,319,709	10,181,937			1.76	4.36	180,401	281,605	105,057	183,599	34,245	89,230	139,302	272,829	
AUG	2,245,889	3,722,521	2,601,343	3,843,078	1,918,936	2,350,747	6,766,169	9,916,347			2.44	3.73	167,315	269,348	105,492	174,051	32,553	81,570	138,024	255,621	
SEP	2,402,521	3,662,752	2,587,342	3,800,755	1,915,696	2,327,634	6,905,558	9,791,140			3.08	3.78	178,330	263,757	106,208	169,507	36,314	78,783	142,523	248,290	
OCT	2,726,311	3,602,786	3,131,158	3,774,397	2,016,451	2,307,103	7,873,920	9,684,285			5.01	3.77	226,199	258,952	133,663	166,317	66,165	76,440	199,828	242,757	
NOV	2,599,025	3,544,283	3,010,784	3,739,146	2,010,761	2,284,869	7,620,570	9,568,298			2.19	3.83	212,914	257,480	125,594	163,282	65,109	75,339	190,703	238,621	
DEC 10	2,809,093	3,341,738	3,389,802	3,606,946	2,071,565	2,243,094	8,270,461	9,191,778			2.99	3.52	226,880	246,189	154,109	156,197	96,386	71,641	250,495	227,838	
JAN 11	2,810,326	3,255,200	3,589,255	3,571,676	2,130,682	2,221,945	8,530,263	9,048,820			1.80	3.34	219,980	240,931	147,131	152,205	78,788	71,198	225,918	223,403	
FEB	4,948,928	3,282,832	5,275,665	3,648,946	2,418,394	2,218,193	12,642,988	9,189,971			3.23	3.47	358,683	246,165	243,468	158,893	166,413	76,893	409,881	233,376	
MAR	5,584,034	3,210,038	5,390,683	3,560,546	2,800,178	2,191,222	13,774,895	9,861,807			7.05	3.26	372,390	238,725	273,250	152,020	138,849	73,180	412,098	225,200	
APR	5,064,077	3,284,088	5,171,357	3,635,016	2,819,132	2,220,480	13,054,566	9,139,585			6.69	3.62	364,628	246,937	233,244	155,812	115,548	77,097	348,793	232,908	
MAY	4,086,660	3,366,069	4,085,037	3,687,344	2,528,353	2,232,255	10,700,051	9,285,668			5.50	3.63	297,641	250,587	184,799	160,490	79,985	79,244	264,784	239,734	
JUN	2,812,935	3,379,891	3,302,907	3,697,279	2,246,495	2,241,286	8,362,336	9,318,457			2.54	3.69	230,866	253,019	135,464	162,290	47,397	79,811	182,861	242,101	
JUL	2,726,920	3,401,393	3,265,092	3,733,369	2,084,562	2,246,767	8,076,575	9,381,529			3.11	3.80	197,317	254,429	115,398	163,152	36,444	79,994	151,842	243,146	
AUG	4,583,013	3,596,154	4,959,231	3,929,860	2,546,694	2,299,080	12,088,938	9,825,093			16.14	4.94	330,560	268,032	193,518	170,487	111,144	86,545	304,663	257,032	
SEP	4,972,893	3,810,351	4,969,183	4,128,346	2,643,012	2,359,690	12,585,087	10,298,387			7.78	5.34	321,329	279,949	235,074	121,531	93,647	356,605	274,873	274,873	
OCT	3,710,156	3,892,338	4,024,968	4,202,830	2,330,529	2,385,863	10,065,653	10,481,032			4.12	5.26	224,702	279,824	150,455	182,625	84,099	95,141	234,554	277,766	
NOV	4,179,518	4,024,046	4,408,229	4,319,284	2,291,215	2,409,234	10,878,963	10,752,565			4.25	5.43	288,245	286,102	176,509	186,868	110,578	98,930	287,087	285,798	
DEC 11	4,416,139	4,157,967	4,526,602	4,414,017	2,690,174	2,460,785	11,632,914	11,032,769			4.61	5.57	313,768	293,342	201,023	190,778	119,477	100,854	320,500	291,632	
JAN 12	4,103,976	4,265,771	4,309,559	4,474,043	2,401,050	2,483,316	10,814,586	11,223,129			1.85	5.57	281,501	298,469	184,321	193,877	107,598	103,255	291,919	297,132	
FEB	3,012,022	4,104,362	3,579,731	4,332,715	2,163,126	2,462,043	8,754,878	10,899,120			1.63	5.44	212,883	286,319	135,168	184,852	65,070	94,810	200,238	279,662	
MAR	2,860,708	3,877,418	3,793,309	4,199,600	2,131,820	2,406,347	8,785,836	10,483,365			1.43	4.97	219,912	273,613	124,516	172,457	74,940	89,484	199,456	261,942	
APR	2,744,966	3,684,159	3,651,529	4,072,948	2,087,037	2,345,339	8,483,532	10,102,446			3.99	4.75	214,245	261,081	110,252	162,208	64,626	85,241	174,878	247,449	
MAY	3,186,355	3,609,133	3,987,735	4,064,839	2,218,648	2,319,530	9,392,737	9,993,503			4.90	4.70	246,598	256,827	123,767	157,122	81,846	85,396	205,613	242,518	
JUN	2,840,346	3,611,418	3,744,512	4,101,640	2,098,948	2,307,235	8,683,806	10,020,292			4.67	4.87	227,751	256,568	136,910	157,243	79,773	88,094	216,683	245,336	
JUL	2,272,556	3,573,554	3,117,695	4,089,357	1,871,163	2,289,451	7,261,415	9,952,362			2.04	4.78	196,378	256,489	94,417	155,494	38,807	88,291	133,224	243,785	
AUG	2,417,907	3,393,129	3,075,733	3,932,399	1,861,558	2,232,357	7,355,199	9,557,884			5.20	3.87	195,087	245,200	105,876	148,191	44,447	82,733	150,323	230,923	
SEP	2,534,794	3,189,954	2,760,924	3,748,377	1,813,532	2,163,233	7,109,250	9,101,564			2.08	3.40	177,378	233,204	103,952	137,264	41,006	76,022	144,958	213,286	
OCT	2,648,695	3,101,499	3,200,791	3,679,696	1,924,702	2,129,414	7,774,187	9,910,609			5.89	3.55	205,097	231,570	123,882	135,049	63,934	74,342	187,816	209,391	

MONTH/ YEAR	PRINCETON	MOVING		SOUTH		MOVING		WEST		MOVING		RIVER ROAD		RR		PENNINGTON		HOPEWELL		PRINCETON		MOVING		HOPEWELL		HOPEWELL	
		12 MONTH AVERAGE	BRUNSWICK TOWNSHIP	12 MONTH AVERAGE	12 MONTH AVERAGE	12 MONTH AVERAGE	12 MONTH AVERAGE	12 MONTH AVERAGE	12 MONTH AVERAGE	12 MONTH AVERAGE	12 MONTH AVERAGE	TOTAL FLOW	12 MONTH AVERAGE	RR STP INF METER	12 MONTH AVERAGE	TOTAL RAIN FALL	12 MONTH AVERAGE	PENNINGTON BORO/STP FLOW	12 MONTH AVERAGE	HOPEWELL BORO FLOW	12 MONTH AVERAGE	PRINCETON FARMS FLOW	12 MONTH AVERAGE	HOPEWELL STP FLOW	12 MONTH AVERAGE	HOPEWELL MOVING AVERAGE	
FEB	4,787,758	3,217,476	5,294,993	4,033,479	2,582,394	2,267,846	12,665,146	9,518,801				2.80	3.70	372,593	264,442	223,706	148,947	144,653	86,467	368,350	235,415						
MAR	4,394,148	3,277,123	4,862,390	4,061,452	2,693,688	2,301,541	11,950,226	9,640,116				1.64	3.63	316,910	266,308	203,055	151,141	113,989	87,439	317,044	238,580						
APR	4,053,302	3,355,042	4,568,800	4,109,504	2,482,070	2,318,632	11,104,172	9,783,179				4.37	3.86	289,742	269,847	184,356	155,172	84,247	88,056	268,603	243,228						
MAY	4,221,978	3,444,590	4,692,695	4,186,726	2,700,727	2,352,221	11,615,401	9,983,536				8.60	4.26	293,443	275,070	167,323	157,494	81,710	88,005	249,032	245,499						
JUN	2,453,533	3,282,406	3,392,337	4,031,281	2,279,740	2,318,949	8,125,611	9,632,636				4.96	3.81	220,954	261,235	115,809	150,562	43,546	80,898	159,355	231,460						
JUL	2,758,148	3,259,100	3,345,122	3,993,681	2,149,487	2,303,136	8,252,757	9,555,918				7.38	3.98	220,459	252,784	115,744	147,298	59,721	79,148	175,464	226,445						
AUG	2,094,990	3,203,464	2,682,020	3,931,008	2,061,852	2,297,202	6,838,863	9,431,674				2.17	3.74	168,451	245,388	105,650	145,876	44,079	76,431	149,729	222,307						
SEP	2,225,725	3,184,374	2,625,395	3,892,540	2,030,169	2,289,726	6,881,289	9,366,640				1.13	3.69	194,321	246,489	96,650	145,262	36,550	75,832	133,199	221,094						
OCT	2,358,128	3,188,804	2,900,039	3,895,661	2,041,607	2,286,965	7,299,775	9,371,430				3.78	3.87	179,250	247,956	106,473	145,914	43,421	76,215	149,894	227,817						
NOV	2,803,774	3,229,232	3,624,798	3,939,560	2,031,843	2,290,725	8,460,415	9,459,517				2.71	3.77	214,808	251,300	137,631	148,312	93,413	79,773	231,043	228,085						
DEC 14	3,733,363	3,290,597	4,640,826	3,954,156	2,250,363	2,299,712	10,624,551	9,544,466				4.45	3.83	276,947	252,693	178,443	150,709	126,467	80,847	304,910	231,556						
JAN 15	3,785,045	3,305,824	4,443,859	3,922,773	2,395,968	2,308,326	10,624,872	9,536,923				2.57	3.88	278,182	252,172	182,737	151,465	97,442	80,770	280,179	232,234						
FEB	3,562,263	3,203,700	4,082,093	3,821,698	2,247,481	2,280,416	9,891,837	9,305,814				2.63	3.87	259,476	242,745	162,458	146,361	76,150	75,061	238,607	221,422						
MAR	5,582,550	3,302,733	5,818,554	3,901,378	2,840,094	2,292,617	14,241,197	9,496,728				4.13	4.07	402,391	249,869	236,406	149,140	151,538	78,190	387,945	227,330						
APR	3,607,756	3,265,604	4,026,419	3,856,180	2,256,842	2,273,848	9,891,018	9,395,632				3.10	3.97	256,232	247,076	161,719	147,253	79,737	77,814	241,456	225,068						
MAY	2,739,397	3,142,056	3,099,157	3,723,385	2,135,260	2,226,726	7,973,814	9,092,167				3.47	3.54	189,590	238,422	119,437	143,263	41,194	74,438	160,631	217,701						
JUN	2,616,072	3,155,601	3,669,820	3,746,509	2,126,141	2,213,926	8,412,033	9,116,035				5.97	3.62	233,414	239,460	131,726	144,589	57,786	75,625	189,511	220,214						
JUL	2,384,365	3,124,452	3,264,344	3,739,777	2,026,182	2,203,650	7,674,891	9,067,880				2.23	3.20	192,087	237,096	115,715	144,587	43,058	74,368	158,773	218,823						
AUG	2,022,440	3,118,406	2,699,263	3,741,214	1,930,866	2,192,735	6,652,569	9,052,355				1.61	3.15	187,685	238,699	104,557	144,496	35,356	73,509	139,913	218,005						
SEP	2,231,000	3,102,846	2,546,632	3,734,650	1,945,020	2,185,639	7,382,142	9,039,135				0.61	3.11	187,123	238,099	104,509	145,151	36,303	73,489	140,812	218,640						
OCT	2,479,301	3,128,944	2,982,833	3,741,550	1,910,335	2,174,700	7,372,469	9,045,193				1.78	2.94	225,027	241,913	127,186	146,877	58,810	74,771	185,996	221,648						
NOV	2,481,000	3,102,046	3,006,568	3,690,031	1,894,574	2,163,260	7,382,142	9,045,193				1.52	2.84	214,289	241,870	122,817	145,642	73,749	73,133	196,566	218,775						
DEC 15	2,997,964	3,040,763	3,856,922	3,624,705	1,947,732	2,138,041	8,802,618	8,803,509				3.75	2.78	280,295	242,149	156,075	143,778	124,267	72,949	280,341	216,728						
JAN 16	3,316,220	3,001,694	4,077,922	3,594,211	2,033,874	2,107,867	9,428,015	8,703,771				2.57	3.87	272,250	241,655	172,513	142,926	98,220	73,014	270,733	215,940						
FEB	5,195,748	3,137,818	5,598,729	3,720,597	2,529,108	2,131,336	13,323,585	9,899,750				4.24	2.92	394,382	252,897	243,298	149,663	162,039	80,171	405,338	229,835						
MAR	3,244,407	2,942,973	3,774,244	3,550,238	2,227,611	2,080,295	9,246,262	8,573,506				1.20	2.67	243,821	239,683	161,410	143,413	81,833	74,363	243,243	217,776						
APR	2,642,946	2,862,572	3,532,987	3,509,118	2,142,750	2,070,788	8,318,682	8,442,478				1.34	2.52	197,323	234,774	122,730	140,164	54,098	72,226	176,829	212,391						
MAY	2,592,936	2,850,367	3,614,914	3,552,098	2,184,318	2,074,876	8,392,168	8,477,341				3.19	2.50	226,685	237,865	135,744	141,523	66,423	74,329	202,167	215,852						
JUN	2,091,929	2,806,688	3,200,254	3,512,968	2,089,341	2,071,809	7,381,524	8,391,465				1.56	2.13	177,765	233,228	109,738	139,691	43,100	73,105	152,838	212,796						
JUL	2,438,404	2,811,191	3,625,024	3,543,024	2,122,298	2,079,819	8,185,726	8,434,034				7.36	2.56	204,496	234,262	143,116	141,974	50,184	73,699	193,301	215,673						
AUG	2,417,287	2,844,095	3,404,974	3,601,833	2,078,830	2,092,149	7,901,091	8,538,078				1.52	2.55	189,939	234,450	125,120	143,688	50,829	74,988	175,949	218,823						
SEP	2,128,256	2,835,533	2,903,615	3,631,582	1,960,225	2,093,416	6,992,096	8,560,532				2.94	2.75	181,076	233,946	115,184	144,578	38,144	75,141	153,328	219,719						
OCT	2,144,264	2,807,614	3,004,086	3,633,353	1,944,219	2,096,240	6,992,096	8,537,207				3.75	2.91	189,330	230,971	101,628	142,448	41,205	73,674	142,834	216,122						
NOV	2,195,147	2,783,792	3,089,081	3,640,229	2,152,405	2,117,726	7,436,633	8,541,748				3.40	3.07	209,039	230,533	132,406	143,247	47,647	71,499	180,053	214,746						
DEC 16	2,763,467	2,764,251	3,749,096	3,631,244	2,008,584	2,122,797	8,521,147	8,518,292				2.86	2.99	253,587	228,308	136,360	141,604	118,201	70,994	254,560	212,598						
JAN 17	3,525,402	2,781,683	4,792,859	3,690,822	2,083,975	2,126,972	10,402,237	8,599,477				10,832,707	8,627,720	4.79	3.18	291,753	229,933	167,852	141,216	137,941	215,519						
FEB	2,931,641	2,593,007	3,962,633	3,554,480	2,034,230	2,085,732	8,928,503	8,233,220				9,523,957	8,311,084	1.77	2.97	221,608	215,535	137,814	132,425	81,608	219,422	200,026					
MAR	3,524,026	2,616,309	4,608,839	3,624,030	2,100,026	2,075,100	10,232,891	8,315,439				10,651,133	8,428,157	3.43	3.16	276,008	218,218	162,424	132,510	110,196	69,965	272,621	202,475				
APR	4,504,428	2,771,432	5,043,314	3,749,891	2,215,664	2,081,176	11,763,406	8,602,499				12,782,552	8,800,146	2.65	3.27	310,496	227,649	186,475	137,822	108,032	74,459	294,508	212,281				
MAY	3,697,428	2,863,473	4,877,446	3,855,102	2,392,748	2,098,545	10,967,622	8,817,120				11,373,832	9,048,618	4.16	3.35	334,309	236,617	161,925	140,004	96,576	76,972	258,501	216,976				
JUN	2,802,539	2,922,691	4,165,588	3,935,546	2,148,804	2,103,501	9,116,932	8,961,738				9,494,868	9,224,730	4.07	3.56	241,395	241,920	131,241	141,796	69,541	79,175	200,781	220,971				
JUL	2,358,938	2,916,069	3,534,837	3,928,031	2,007,423	2,093,928	7,901,198	8,938,027				8,590,449	9,258,457	4.40	3.31	197,515	241,338	111,724	139,179	46,559	78,873	158,283	218,053				
AUG	2,419,331	2,916,239	3,946,474	3,973,156	1,918,981	2,080,607	8,284,786	9,070,002				9,089,071															



STONY BROOK REGIONAL SEWERAGE AUTHORITY

*HOPEWELL BOROUGH • HOPEWELL TOWNSHIP • PENNINGTON BOROUGH
PRINCETON • SOUTH BRUNSWICK TOWNSHIP • WEST WINDSOR TOWNSHIP*

MEMORANDUM

TO: Antonia F. Shurott-Pchola, P.E.
Executive Director

FROM: Christopher Doelling
Manager of Engineering

DATE: June 14, 2019

SUBJECT: Monthly Flow Transmittal for the May 2019 Flow Data

The monthly meter certifications were performed by W. G. Malden on May 31, 2019. All meters were within $\pm 5\%$.

Meter Station No. 7:

SBRSA staff continues its evaluation of the trial Pulsar DUET ultrasonic flow metering device in Meter Station No. 7.

Staff re-verified SBRSA's meter on May 2 and 8, 2019 as part of its instrument maintenance and monitoring S.O.P. The meter was verified to be reading 1.04% high during the May 2nd re-verification and was found to be reading 6.00% high during the May 8th re-verification. The monthly reported flows for May 3rd through 8th were adjusted down by 3.52%, the average measured drift in the calibration between the May 2nd and the May 8th, 2019 meter re-verifications.

SBRSA staff worked with the vendor to verify and adapt the Pulsar DUET test meter several times between its initial installation on April 29th and May 8th. On May 8, 2019, the Pulsar DUET meter was believed to be reproducible and reliable. The output was wired to replace the existing meter as the source of our main flow measurement. Follow up verifications of the Pulsar DUET meter were conducted on May 10, 17, 28, 29, 30 and 31, 2019.



STONY BROOK REGIONAL SEWERAGE AUTHORITY

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MEMORANDUM

TO: Distribution

FROM: Antonia F. Shurott-Pchola, P.E.
Executive Director

DATE: June 14, 2019

Enclosed please find the flow transmittal for the May 2019 Flow Data

Distribution List:

SBRSA Members

Dennis O'Neal, Hopewell Borough Engineer
David Misiolek, Director of Water & Sewer, Hopewell Borough
Mark Kataryniak, Engineer, Hopewell Township Engineer
David Guerard, Hopewell Township DPW
Chris Jepson, Van Cleef Engineering Associates
Scott Cevera, Utilities Supervisor, South Brunswick Township
Wayne Simpson, Alaimo Associates for South Brunswick Township
Theresa M. Stevens, Water and Sewer Revenue Supervisor, South Brunswick Township
Francis Guzik, West Windsor Township Engineer
Alex Drummond, West Windsor Public Works Department
Elizabeth Sterling, Clerk, Pennington
Rick Smith, Pennington Public Works Department
Norman Nelson, Pennington Borough Engineer
Donald Fetzer, Pennington Borough Engineer
Robert Hough, Director of Infrastructure and Operations, PSOC
Pat McFarland, Bristol-Myers Squibb Co.
Robert Kunert, Plant Manager, SBRSA

Attachment

SBRSA May

2019 Downstream Flow Report

Date		Rainfall	Princeton PS	Meter Station #6	North Ridge Meter	Meter Station #7	Millstone PS	South Brunswick PS	Total	PFC*
May	1	0.01	1,896,996	1,334,905	172,976	610,068	2,436,974	3,381,979	9,833,898	567,103
	2		1,873,036	1,285,344	171,052	651,181	2,435,028	3,257,260	9,672,901	607,435
	3		1,847,645	1,230,970	160,396	622,540	2,332,083	3,174,236	9,367,870	529,629
	4	0.01	1,761,299	1,180,892	159,721	654,132	2,255,705	3,207,126	9,218,875	469,457
	5	1.59	2,161,725	1,747,906	219,461	780,191	2,564,352	4,477,843	11,951,478	506,020
	6	0.01	2,785,398	2,428,462	286,377	735,837	2,887,941	5,821,852	14,945,867	564,205
	7	0.59	2,455,259	1,900,482	237,289	651,786	2,531,865	4,442,410	12,219,091	565,744
	8	0.04	2,672,693	2,253,521	251,532	660,727	2,532,875	4,449,683	12,821,031	571,411
	9		2,447,347	1,870,335	215,172	662,145	2,447,928	3,933,234	11,576,161	561,193
	10	0.02	2,328,582	1,681,858	198,247	648,293	2,423,451	3,692,877	10,973,308	545,101
	11	0.05	2,122,478	1,522,425	184,751	652,389	2,344,996	3,631,572	10,458,611	453,467
	12	1.27	2,773,106	2,461,324	264,774	690,786	2,804,911	6,070,507	15,065,408	516,876
	13	0.75	3,669,462	3,481,277	389,294	731,364	3,375,437	7,595,860	19,242,694	609,535
	14	0.12	4,054,889	3,653,253	391,921	741,512	3,237,930	7,145,437	19,224,942	599,723
	15		3,435,364	2,851,246	309,369	700,505	2,811,798	5,502,630	15,610,912	582,166
	16	0.01	2,961,572	2,340,908	255,862	696,195	2,620,053	4,711,531	13,586,121	569,663
	17	0.09	2,621,017	1,985,083	227,245	685,177	2,575,056	4,207,360	12,300,938	559,423
	18		2,317,884	1,712,285	198,187	681,926	2,420,267	3,887,468	11,218,017	483,133
	19	0.22	2,261,872	1,713,089	219,082	662,190	2,468,229	3,907,162	11,231,624	500,436
	20	0.02	2,235,880	1,628,187	207,950	664,003	2,555,425	3,663,107	10,954,552	566,407
	21		2,049,215	1,423,347	179,739	671,109	2,471,517	3,463,573	10,258,500	579,860
	22		1,902,447	1,374,523	175,009	649,648	2,448,638	3,357,758	9,908,023	572,639
	23	0.19	1,875,373	1,292,977	167,984	618,354	2,412,570	3,338,920	9,706,178	546,143
	24		1,806,614	1,234,508	157,670	653,385	2,396,358	3,110,842	9,359,377	549,022
	25		1,538,990	1,100,320	144,947	622,088	2,250,854	3,102,103	8,759,302	473,817
	26	0.05	1,500,776	1,047,915	142,836	604,444	2,217,608	3,107,140	8,620,719	477,528
	27		1,456,980	1,054,805	147,848	599,169	2,313,797	3,113,810	8,686,409	496,004
	28	0.18	1,581,777	1,081,942	147,182	596,347	2,407,533	3,093,587	8,908,368	554,056
	29	2.33	2,211,833	1,807,373	178,818	609,081	2,574,848	3,472,545	10,854,498	634,815
	30	0.71	2,869,838	2,304,564	224,374	663,571	2,562,263	3,880,895	12,505,505	616,164
	31		3,148,453	2,462,708	223,639	680,538	2,588,478	4,192,731	13,296,547	584,040
AVERAGE Flow (gpd)			2,342,768	1,820,927	213,249	662,925	2,538,928	4,109,517	11,688,314	548,781
TOTAL Rainfall (inches)			8.23							
ADJUSTMENTS this month (gallons)			(149,776)							

TOTAL MONTHLY FLOW: (gallons)	Adjusted Metered Flow:	Princeton Forrestral Connector Flow *:	17,012,215	Total Monthly Flow adjusted for Plainsboro:	
Princeton PS	72,625,800	* PFC flow is Plainsboro flow that is metered before it enters the Millstone PS:		Princeton PS	72,625,800
Meter Station #6	56,448,734	This number is subtracted from the Millstone PS flow and added to the S.		Meter Station #6	56,448,734
North Ridge Meter	6,610,704	Brunswick PS flow to give the total monthly flow adjusted for Plainsboro.		North Ridge Meter	6,610,704
Meter Station #7	20,550,681	Plainsboro also has additional flow that is not included in the PFC Connector flow		Meter Station #7	20,550,681
Millstone PS	78,706,768	because it flows through the S.Brunswick PS.		Millstone PS	61,694,553
S. Brunswick PS	127,395,038			S. Brunswick PS	144,407,253

SBRSA May 2019 Upsteam Flow Report

Date	Rainfall (inches)		Pennington Influent Flow (gallons per day)	Hopewell Influent Flow (gallons per day)	Princeton Farms Flow (gallons per day)	Hopewell Borough Flow (gallons per day)	Bristol-Myers Squibb Flow (gallons per day)
	Pennington	Hopewell					
May							
1			279,894	245,231	77,652	167,579	18
2			259,217	240,460	73,369	167,091	24
3			251,252	220,958	64,504	156,454	939
4			228,324	226,191	62,642	163,549	22
5	0.50	0.60	394,416	371,662	133,812	237,850	22
6	1.30	1.25	481,241	547,857	255,660	292,197	10,201
7			415,680	377,406	140,948	236,458	18,485
8	0.75	0.45	481,875	438,176	184,305	253,871	14,823
9			395,321	355,260	129,738	225,522	7,237
10			359,034	311,886	107,438	204,448	8,553
11	0.05		320,377	290,511	92,367	198,144	2,899
12	0.50	0.50	511,508	502,685	203,542	299,143	215
13	1.20	1.20	710,699	692,025	303,223	388,802	30,487
14	1.10	0.95	696,297	673,087	281,352	391,735	24,762
15	0.25	0.20	532,291	489,040	165,913	323,127	11,785
16	0.05		453,027	393,200	121,487	271,713	10,415
17			387,170	345,878	98,684	247,194	9,677
18			325,035	310,753	87,406	223,347	25
19	0.40	0.50	343,620	339,284	113,174	226,110	30
20	0.10	0.10	322,141	309,741	108,182	201,559	5,189
21			299,719	272,442	84,602	187,840	5,583
22			274,315	247,893	78,784	169,109	6,128
23			271,534	256,601	72,890	183,711	5,745
24	0.30	0.50	262,065	250,660	70,493	180,167	5,576
25			207,640	232,352	65,894	166,458	35
26			203,800	217,659	58,862	158,797	41
27	0.05		211,342	217,651	58,162	159,489	46
28			238,785	218,992	54,317	164,675	5,525
29	0.25	0.35	368,216	379,645	139,981	239,664	20,353
30	2.25	2.05	467,994	616,334	295,362	320,972	20,366
31	0.75	0.65	470,547	536,783	246,498	290,285	16,492
AVERAGE Flow			368,528	358,978	130,040	228,937	7,797
TOTAL Rainfall	9.80	9.30					
ADJUSTMENTS this month (gallons)							
Total Monthly Flow (gallons)			11,424,376	11,128,303	4,031,243	7,097,060	241,698

Flow Percentages to Date

	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Total Q
Princeton adjusted gallons	151,698,226	154,792,109	123,538,352	138,696,177	106,096,102	135,685,238							810,506,203
Princeton Pump Station	80,210,595	81,673,866	65,580,899	72,089,074	58,920,236	72,625,800							
Meter Station # 6	64,705,718	65,362,265	51,552,269	59,506,285	41,546,662	56,448,734							
North Ridge Meter	6,781,913	7,755,978	6,405,184	7,100,818	5,629,204	6,610,704							
Total Gallons recorded	151,124,470	154,792,109	123,734,404	138,952,199	106,096,102	135,685,238							
Metering Adjustments	573,756	0	(196,052)	(256,022)	0	0							
Percent of Monthly Flow	36.66%	37.05%	35.71%	35.61%	32.92%	35.63%							
Percent of Annual Flow	36.66%	36.86%	36.52%	36.29%	35.72%	35.70%							35.70%
West Windsor * adjusted gallons	89,874,205	95,352,928	78,108,120	85,766,706	76,448,737	82,245,234							507,795,930
Millstone Pump Station	83,814,025	89,736,713	74,204,878	81,300,736	73,289,564	78,706,768							
Meter Station # 7	21,342,072	21,535,224	18,378,072	21,100,531	19,132,126	20,550,681							
Princeton Forrestral Connector	15,281,892	15,919,009	14,474,830	16,634,561	15,972,953	17,012,215							
Total Gallons recorded	87,562,010	94,660,525	80,743,523	85,749,194	76,398,144	82,395,010							
Metering Adjustments	2,312,195	692,403	(2,635,403)	17,512	50,593	(149,776)							
Percent of Monthly Flow	21.72%	22.82%	22.58%	22.02%	23.72%	21.59%							
Percent of Annual Flow	21.72%	22.27%	22.36%	22.28%	22.52%	22.37%							22.37%
South Brunswick * adjusted gallons	151,592,474	147,580,491	128,539,628	147,176,373	126,235,014	144,407,253							845,531,233
South Brunswick Pump Station	136,310,582	131,661,482	114,064,798	130,541,812	110,262,061	127,395,038							
Princeton Forrestral Connector	15,281,892	15,919,009	14,474,830	16,634,561	15,972,953	17,012,215							
Total Gallons recorded	153,904,669	147,580,491	128,539,628	147,176,373	126,235,014	144,407,253							
Metering Adjustments	(2,312,195)	0	0	0	0	0							
Percent of Monthly Flow	36.63%	35.33%	37.15%	37.78%	39.17%	37.92%							
Percent of Annual Flow	36.63%	35.98%	36.32%	36.68%	37.11%	37.24%							37.24%
Hopewell Borough ** adjusted gallons	8,016,725	7,538,062	5,979,176	7,074,283	5,378,029	7,097,060							41,083,335
Hopewell Plant Influent	12,201,633	11,595,854	9,461,495	11,140,110	8,136,707	11,128,303							
Princeton Farms	4,184,908	4,057,792	3,482,319	4,065,827	2,758,678	4,031,243							
Total Gallons recorded	8,249,256	7,538,062	5,979,176	7,074,283	5,378,029	7,097,060							
Metering Adjustments	(232,531)	0	0	0	0	0							
Percent of Monthly Flow	1.94%	1.80%	1.73%	1.82%	1.67%	1.86%							
Percent of Annual Flow	1.94%	1.87%	1.83%	1.83%	1.80%	1.81%							1.81%
Pennington Borough adjusted gallons	12,635,488	12,515,404	9,813,512	10,808,423	8,093,148	11,424,376							65,290,351
Total Gallons recorded	12,635,488	12,515,404	10,220,118	10,808,423	8,093,148	11,424,376							
Metering Adjustments	0	0	(406,606)	0	0	0							
Percent of Monthly Flow	3.05%	3.00%	2.84%	2.77%	2.51%	3.00%							
Percent of Annual Flow	3.05%	3.02%	2.97%	2.92%	2.85%	2.88%							2.88%
TOTAL FLOW adjusted gallons	413,817,118	417,778,994	345,978,788	389,521,961	322,251,030	380,859,161							2,270,207,052

* Adjusted for Plainsboro Township contribution. Flow through the Princeton Forrestral Connector is metered before it enters the Millstone Pump Station. This number is subtracted from the Millstone Pump Station flow and added to the S. Brunswick Pump Station flow to give the total monthly flow adjusted for Plainsboro. Plainsboro also has additional flow that is not included in the PFC flow because it flows directly through the S. Brunswick Pump Station

** Adjusted for Princeton Farms contribution

Adjusted Monthly Average Daily Flows, GPD

	December '18	January '19	February	March	April	May	June	July	August	September	October	November '19	Average Daily Flow (FY '19)
Princeton	4,893,491	4,993,294	4,412,084	4,474,070	3,536,537	4,376,943							4,447,737
West Windsor	2,899,168	3,075,901	2,789,576	2,766,668	2,548,291	2,653,072							2,788,779
South Brunswick	4,890,080	4,760,661	4,590,701	4,747,625	4,207,834	4,658,298							4,642,533
Hopewell Borough	258,604	243,163	213,542	228,203	179,268	228,937							225,286
Pennington Borough	407,596	403,723	350,483	348,659	269,772	368,528							358,127
Princeton Farms	134,997	130,897	124,369	131,156	91,956	130,040							123,902

													Total Rainfall (FY'19)
Total Rainfall (inches)*	5.44	4.70	3.02	3.92	4.25	8.23							29.56

*Revision: Updated monthly rainfall values are for Mercer County as tabulated by the Office of NJ State Climatologist (ONJSC) at Rutgers University.

STONY BROOK REGIONAL SEWERAGE AUTHORITY

APPROVALS REQUESTED

Original 02/19/92
Amended 08/17/92
Amended 07/22/96
Amended 11/26/01

**Revised Resolution Affirming Terms for Approvals for TWA-1 Sewer Extension
Applications**

RESOLUTION

WHEREAS, Stony Brook Regional Sewerage Authority (SBRSA) is a public body organized under the New Jersey Sewerage Authority Law, N.J.S.A. 40:14A-1 et seq., and

WHEREAS, the SBRSA operates three sewage treatment plants located in Hopewell and Pennington Boroughs and Princeton Township, and

WHEREAS, applicants seeking to have particular property served by the SBRSA must obtain approval of a treatment works/sewer extension application, hereinafter "TWA-1 Treatment Works Approval Application" from SBRSA pursuant to N.J.S.A. 40:14A-1 et seq. and the SBRSA Administrative Regulations. Applicants also must subsequently obtain approval from the New Jersey Department of Environmental Protection (NJDEP) for all flows regulated by NJDEP, and

WHEREAS, SBRSA has previously established a standard and procedure for review of such applications, and

WHEREAS, SBRSA operates its treatment works approval process consistent with the NJDEP regulations and SBRSA procedures concerning extensions have not been revised since NJDEP regulatory changes were adopted concerning issuing treatment works approval extensions, and

WHEREAS, in order to effectively plan and operate, SBRSA needs to monitor the status of projects and Treatment Works which have obtained SBRSA TWA-1 approvals, and

WHEREAS, SBRSA has been advised that the regulated community benefits and others benefit when SBRSA Rules are consistent with NJDEP regulations, and

WHEREAS, requiring applicants to obtain final Planning Board approval prior to submitting a TWA-1 application to the SBRSA is important to SBRSA's planning process because approvals and the related capacity require no further Planning Board approval (except as provided below), and

WHEREAS, South Brunswick Township is the only portion of the SBRSA service area where applicants must obtain SBRSA TWA-1 approval before final Planning Board approval for a project is issued.

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

A. NEW APPLICATIONS

1. TWA-1 applications will be considered in the order received.
2. Before a TWA-1 application for any project will be considered by SBRSA, the project must have received final municipal approval, whether by way of site plan, Subdivision or other approval, unless the project is located in a service area which will not issue final Planning Board approval until SBRSA approval is obtained. When a project is located in a service area which will not issue final Planning Board approval until SBRSA approval is obtained, if the applicant provides documentation to demonstrate that final Planning Board approval is likely within ninety (90) days, the SBRSA may act on the application. The SBRSA approval shall expire and be of no further force and effect if the applicant does not submit proof of final municipal approval to SBRSA within 90 days of SBRSA action
3. SBRSA TWA-1 approvals shall be conditioned upon the applicant obtaining, within one year of the SBRSA approval, a Treatment Works Approval from NJDEP based on the TWA-1 application. The SBRSA approval shall be further conditioned upon the applicant submitting annual reports describing all treatment works and project construction and accounting for connected and unconnected flows, until all allocated flows are connected or the project is completed.
4. If the applicant receives Treatment Works Approval for the project, the SBRSA TWA-1 approval will remain in effect for two years from the date of said approval during which period the applicant must start construction of the Treatment Works. The SBRSA approval shall expire and be of no further force and effect if the applicant shall fail to obtain the required NJDEP Treatment Works Approval within the time limit set forth above, shall fail to proceed with construction of the Treatment Works within the two year period following Treatment Works Approval, or shall fail to submit the required flow accounting reports. Interruption of construction of the Treatment Works for a period of more than two years may serve as a basis for permit revocation.
5. For projects which do not require NJDEP approval, such as those projects with a flow less than 8,000 GPD, the SBRSA approval shall expire and be of no further force and effect if the applicant shall fail to proceed with construction of the Treatment Works within the two year period following SBRSA approval.

B. Time Extensions

SBRSA will not undertake consideration of extensions of time of the time limits set forth herein unless the criteria set forth hereafter are met:

1. The applicant must establish to the satisfaction of the SBRSA in accordance with the procedure set forth below, that it has made a good faith effort since the issuance of the sewer extension permit or the last renewal thereof to proceed with construction of the proposed project. All requests for extensions shall be submitted in writing to SBRSA at least sixty days prior to expiration of the original permit approved by NJDEP or the last renewal thereof.
2. All requests for extensions shall include the following:
 - a. A properly executed resolution of the governing body of the member municipality in which the project is located approving the requested extension.
 - b. An affidavit or certification executed by the applicant describing:
 - i. the nature and location of the project,
 - ii. any changes or modifications to the proposed project (i.e., reduction or increase in number of units to be constructed, engineering modifications, etc.) since the original permit date or the last renewal thereof,
 - iii. all substantive steps taken by the applicant to proceed with construction of the project or to obtain the approvals required for construction of the project since the original permit date or the last renewal thereof,
 - iv. the hardship which would be suffered by the applicant if the extension were not granted, and
 - v. a good faith estimate as to when construction of the project will commence or, if it has commenced when construction will be completed.
 - c. Copies of any permits or other documents referred to in the affidavit or certification or which may assist the SBRSA in rendering a decision.
3. The SBRSA may, in its discretion, recommend to NJDEP modification of conditions of any sewer extension permit in conjunction with rendering a decision on whether to endorse an extension thereof.

4. Each extension, if approved, will be for a maximum period of one year. No permit will be extended beyond a total of five years from the original date of the SBRSA TWA-1 approval.

This Resolution shall take effect immediately.

MOVED: Mr. Marciante

SECONDED: Mr. Morehouse

ADOPTED: November 26, 2001

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APPROVALS/EXTENSION REQUESTS JUNE 2019

A. TWA Applications

Bear Brook, Block 9, Lots 55 & 56, Township of West Windsor

This project is for the construction of approximately 274 linear feet of 8-inch diameter sanitary sewer to service seven (7) single family homes and three (3) townhouses.

Seven (7) five-bedroom single family homes	300 gallons per day	2,100 gpd
Two (2) three-bedroom townhomes	300 gallons per day	600 gpd
One (1) two-bedroom townhome	225 gallons per day	<u>225 gpd</u>
Total Flow		2,925 gpd

The property is currently included in the Sewer Service Area (SSA) and has wetlands on the site. Staff is still working to determine whether this would require an EPA Environmentally Sensitive Area (ESA) Grant Condition Waiver Request.

The project has received approval from the West Windsor Township Planning Board (PB16-12) and approval from the West Windsor Township Engineer.

Staff recommends approval of this application for a flow rate of 2,925 gpd contingent upon receipt of an EPA Environmentally Sensitive Area (ESA) Grant Condition Waiver, if needed.

Action Item: *Resolution 2019-38 Authorizing Endorsement of Application for Treatment Works
Approval Statement of Consent Bear Brook Road, Block 9, Lots 55 & 56 West Windsor
Township*

B. Time Extensions

None

C. Water Quality Management Plan Amendments/Information

Nothing to report

D. Capacity Assurance

As mentioned at the May 20, 2019 Board meeting, a copy of the Hopewell Wastewater Treatment Plant Capacity Analysis Report (CAR) submitted on May 20, 2019 is attached.

E. Allocated Flow Update

None

F. Miscellaneous

US EPA: Environmentally Sensitive Area (ESA) Grant Condition Waiver Requests

Hopewell Township, Block 46, Lot 15.02

We received a response from the EPA regarding our February 5, 2019 request to the U.S. Environmental Protection Agency (EPA) for a waiver from the Environmentally Sensitive Area (ESA) special grant condition placed on the Stony Brook Regional Sewerage Authority (SBRSA) construction grant projects (C-34-704) for the Daniel Popkin residence, an existing single-family dwelling with a failing septic system on Block 46 and Lot 15.02 located at 100 Lewis Brook Drive in Hopewell Township, Mercer County, New Jersey. A Copy of the letter is attached.

Heritage at Pennington – Phase 2, Borough of Pennington, Block 102, Lot 1

On June 18, 2019, staff received a request from the American Properties Realty, Inc. for SBRSA to submit an *Environmentally Sensitive Area (ESA) Grant Condition Waiver Request* for Phase 2 of the *Heritage at Pennington* project. The developer is looking to fast track the NJDEP Treatment Works Approval process while construction at the Pennington wastewater treatment plant is in progress. Although there were no disturbances to wetlands on-site, the waiver request submission requirements apply if wetlands are on site, regardless of whether there is any encroachment upon the wetland areas. Documents necessary for the waiver request application were received June 19, 2019.

The flow associated with this project (Phases 1 & 2) is as follows.

Sixty-seven (67) three-bedroom Residential Units	300 gallons per day	20,100 gpd
Ten (10) two-bedroom Residential Units	225 gallons per day	2,250 gpd
Three (3) one-bedroom Residential Units	150 gallons per day	<u>150 gpd</u>
Total Flow		22,800 gpd

Phase 1 was previously approved for 44 Residential units for a flow of 12,600 gpd. *Phase 2* encompasses the remaining units (36 units) and remaining flow (10,200 gpd).

At the present time the capacity of the Pennington WWTP is above its rated capacity of 0.300 mgd. It is expected that the plant upgrade and expansion will be completed by the end of 2019. Currently staff cannot certify that the Pennington WWTP has capacity to accept the proposed increase in estimated flow.

Action Item: *Resolution 2019-43: Authorizing Endorsement of Request for Grant Condition Waiver for a Sanitary Sewer Extension of Heritage at Pennington - Phase 2; Block 102, Lot 1; Borough of Pennington, Mercer County*

A-2 Consent by Sewerage Authority**

As an authorized representative of this agency, I hereby certify that the

N/A

(Name of Agency)

consents to the submission of the above listed application to the Department of Environmental Protection for approval. I further certify that the project as proposed conforms with the requirements of this agency.

Signed* _____ Date _____

Print or Type Name and Position _____

* Cite authorization to sign for the agency

Resolution# _____ Dated _____

(Submit the resolution with the application. If no such resolution granting authority to sign exists, the Governing Body's full resolution, consenting to the project, must be submitted with the application.)

** Note

For TWA applications, this section must be completed when a sewerage entity (for example, sewerage authority, utilities authority, municipal utilities authority, joint meeting, etc.) has responsibility for regulating the construction and operation of wastewater treatment and conveyance facilities within the municipality.

A-3 Consent by Owner of Wastewater Treatment Facility**

(For NJPDES/SIU applications only)

As an authorized representative of this agency, I hereby certify that the

N/A

(Name of Agency)

consents to the submission of the above listed application to the Department of Environmental Protection for approval. I further certify that the project as proposed conforms with the requirements of this agency and the agency agrees to accept wastewater from the project for treatment.

Signed* _____ Date _____

Print or Type Name and Position _____

* Cite authorization to sign for the agency

Resolution# _____ Dated _____

(Submit the resolution with the application. If no such resolution granting authority to sign exists, the Agency's full resolution, consenting to the project, must be submitted with the application.)

** Note

For NJPDES/SIU applications, this section must be completed when the owner of the receiving wastewater treatment plant is different than the entity listed under A-2.

B. Certification by Wastewater Conveyance System Owner**

By agreeing to accept wastewater from the project, I (we) hereby certify that to the best of my (our) knowledge the wastewater conveyance system, into which the project proposed under this application will connect, has adequate capacity in accordance with N.J.A.C. 7:14A-1.2 ("Adequate conveyance capacity"). Furthermore, I (we) am (are) not aware of inadequate conveyance capacity conditions in any portion of the downstream facilities necessary to convey the wastewater from this project to the treatment plant.

Name of Municipality or Authority Township of West Windsor

Signed * Francis A. Guzik Date 6-3-19

Print or Type Name and Position Francis Guzik, PE. CME, Township Engineer

* Cite authorization to sign for the governing body

Resolution# 2019-R048 Dated 2-19-2019

(Submit the resolution with the application. If no such resolution granting authority to sign exists, the governing body's full resolution, consenting to the project, must be submitted with the application.)

** Note

1. For TWA applications, this section must be completed by the owner/operator of the wastewater conveyance system into which the project named herein will directly connect.

2. For NJPDES/SIU applications, this section must be completed when the owner/operator wastewater conveyance system into which the project named herein will directly connect is different than the entity listed under A-3.

C. Certification by Wastewater Treatment Facility Owner**

(For TWA applications that include a sewer connection/extension.)

I (we) hereby certify that the committed flow*** to the

Stony Brook Regional Sewerage Authority

(Name of Wastewater Treatment Plant)

does not exceed the presently permitted design capacity and with the additional flow proposed by this application, the permitted design capacity is not anticipated to be exceeded. I (we) further certify that the treatment plant is currently complying with its conventional and non-conventional NJPDES permit requirements (see N.J.A.C. 7:14A-22.17(b)-(d), percent removal and toxicity requirements excluded from this certification) as determined by a rolling average of the three most recent monthly discharge monitoring reports that were required to be submitted to the Department as of this date, and based upon my (our) assessment of all information pertinent to this permit request, is anticipated to continue to do so with the additional flow from this project.

Accepted for Treatment by Stony Brook Regional Sewerage Authority

(Name of Treating Authority)

Signed * _____ Date _____

Print or Type Name and Position _____

Name of project and/or location _____

* Cite authorization to sign for the governing body

Resolution# _____ Dated _____

(Submit the resolution with the application. If no such resolution granting authority to sign exists, the governing body's full resolution, consenting to the project, must be submitted with the application.)

** For TWA applications, this section must be completed by the owner of the wastewater treatment facility receiving the wastewater identified in this application.

STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Division of Water Quality

Reset Form

ENGINEER'S REPORT for DOMESTIC TREATMENT WORKS APPROVAL APPLICATIONS

INSTRUCTIONS

- Complete all applicable sections and certifications.
- Justifications for any exceptions from the regulations at N.J.A.C. 7:14A - 23 et seq. must be submitted. (Additional sheets may be attached if necessary.)
- All supplemental information required to be submitted along with this engineer's report must be signed, sealed, and dated by a professional engineer, licensed to practice in the State of New Jersey.
- For Treatment Works other than collection and/or conveyance, please attach a separate Engineer's Report in accordance with N.J.A.C. 7:14A - 23.5.

GENERAL INFORMATION

Applicant: Township of West Windsor Municipality: Township of West Windsor

Project Name: Bear Brook Road County: Mercer

Name of Receiving Sewage Treatment Plant: Stony Brook Regional Sewerage Authority

NJPDES Permit Number: 0031119

Effluent Receiving Waters: Raritan River via the Millstone River

Scope of Project: The applicant is proposing to construct a 274 lf of 8" PVC sewer main within Brustle Court
to service seven single family and three townhouse.

Contributory Flow: *For assistance in completing this chart, refer to N.J.A.C. 7:14A - 23.3.*

Establishment Type	Number of Measurement Units		Gallons per Day per Unit		Projected Flow (G.P.D.)
Single family (5 bdrm)	7	X	300 gal/day	=	2100
Townhouse (2 bdrm)	1	X	225 gal/day	=	225
Townhouse (3 bdrm)	2	X	300 gal/day	=	600
		X		=	

Combined Projected Flow: 0.002925 M.G.D.
Existing Contributory Flow (if any): 0 M.G.D.
TOTAL FLOW: 0.002925 M.G.D.

WQM-006

Revision 8/2010

1. WASTEWATER CONVEYANCE SYSTEMS

(A) GRAVITY SEWER SYSTEMS

Diameter (inches)	Total Length (feet)	Material Type	"n" Value	Max. MH Spacing (feet)	Min. Slope (%)	Max. Velocity (ft/sec)	Max. Capacity (M.G.D.)
8"	274	PVC	0.009	209	0.5%	3.7 fps (full)	0.83 MGD

1.	What is the minimum cover (as measured from the top of the pipe to the grade elevation) provided along the entire sewer line?	>3' ft.		
2.	What is the infiltration and/or exfiltration limit for testing purposes (gallons per inch of pipe per mile per day)?	100 gal/in/mile		
		YES	NO	N/A
3.	Are sewers within 100 feet of a public water supply well or a below-grade reservoir?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.	Are sewers located at least 10 feet horizontally from potable water lines and/or at least 18 inches below potable water lines and in separate trenches, including crossings?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.	Are sewers crossing streams located within 10 feet of a stream embankment encased in concrete?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6.	Is a drop pipe provided for sewers entering manholes above the manhole invert wherever the difference in elevation is two feet or more?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7.	Are all manholes located more than 100 feet from a public water supply well or a below-grade reservoir?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8.	Are watertight covers used where street elevations are less than 10 feet above the North American Vertical Datum of 1988 and/or where the top of a manhole may be flooded by street runoff or high water?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
9.	Are the sanitary sewers designed to carry at least twice the estimated average projected flow when flowing half full?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10.	Have adequate provisions been made for the ventilation of manholes?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11.	If siphons are part of this project, are they in conformance with N.J.A.C. 7:14A - 23.7?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
12.	Are the immediate downstream sewer lines constructed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

(B) PUMPING SYSTEM: Submit a Pump Station Design Report, which should include, at a minimum, the basis for the following: (a) pump selection; (b) sizing of force main and velocity calculations; (c) total dynamic head; (d) pump station performance curve and (e) wet well detention time.

Average daily flow: _____ GPD	Surface area of wet well: _____ ft ²
Peaking factor: _____	Wet Well Detention Time: _____ minutes
Peak design flow: _____ GPD	TDH of pump: _____ ft
Number of pumps: _____	
Design capacity of pump station (with the largest pump out of service): _____	GPM

WQM-006

Revision 06/2010

1. **WASTEWATER CONVEYANCE SYSTEMS**(B) **PUMPING SYSTEM (continued)****FORCE MAINS**

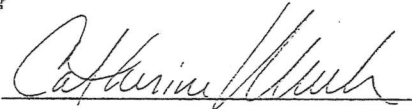
Diameter (inches)	Length (feet)	Material Type	Velocity (ft/sec)

1.	What is the minimum cover (as measured from the top of the pipe to the grade elevation) provided along the entire force main?				ft
2.	Specify the method of screening at the pumps.				
3.	Where is the ultimate location of the alarm for high water conditions, power failures, and mechanical breakdowns?				
4.	Specify the type of back-up power source provided.				
		YES	NO	N/A	
5.	Is adequate light and ventilation provided at the pump station?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6.	Are air and/or vacuum release valves provided on the high points of the force main?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7.	Are adequate freshwater wash-down facilities provided?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8.	If a domestic water service connection will be utilized for wash-down purposes, is it protected by a backflow prevention device?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9.	Are shut-off valves on suction and discharge piping and check valves on discharge lines provided?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10.	Is the base of the pump station wet well sloped toward the pump suction?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11.	Does the alarm system provide for competent assistance on a 24 hour basis?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12.	Is the pump station adequately protected from flooding?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13.	Is the dry well provided with a sump pump?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

I am a professional engineer licensed by the New Jersey Board of Professional Engineers and Land Surveyors to practice in New Jersey. I certify that the proposed treatment works, as designed, meets the requirements of N.J.A.C. 7:14A - 23 et seq., other than the exceptions as noted.

I hereby certify that the information provided in this engineer's report and attachments hereto, is true, accurate, and complete. Exceptions attached [YES ☐, NO ☒]?

Signature of Engineer:


Professional Engineer's
Embossed SealName and Date:
(Print or Type)

Catherine Mueller, P.E.

Firm Name:

Page-Mueller Engineering Consultants, PC

2. DOMESTIC WASTEWATER TREATMENT AND/OR RESIDUAL FACILITIES

Is the following information submitted with this engineer's report?		YES	NO
1.	A complete description of the selected wastewater treatment system.	<input type="checkbox"/>	<input type="checkbox"/>
2.	For the modification of an existing system which has not previously been granted a treatment works approval (TWA), the capacities of the existing units and a brief description of the operation of each, and a statement concerning which units are existing and which are proposed at the time of the application. If there exists a previously issued TWA approval for the subject facility, submit the date of issuance and the TWA number.	<input type="checkbox"/>	<input type="checkbox"/>
3.	Hydraulic profiles of the flow of wastewater through the system.	<input type="checkbox"/>	<input type="checkbox"/>
4.	A unit by unit mass balance for all discharge parameters.	<input type="checkbox"/>	<input type="checkbox"/>
5.	The ultimate disposal location of all effluent.	<input type="checkbox"/>	<input type="checkbox"/>
6.	The basis and computations for average and peak flow requirements.	<input type="checkbox"/>	<input type="checkbox"/>
7.	The expected composition of the influent and effluent from the treatment system including the average, maximum and minimum values of the pollutant parameters specified in the facility's NJPDES permit/DAC.	<input type="checkbox"/>	<input type="checkbox"/>
8.	An evaluation of the quantity and quality of any and all residuals generated and projected to be generated, including a hydraulic profile and unit by unit mass balance for the flow of residuals through the system.	<input type="checkbox"/>	<input type="checkbox"/>
9.	Documentation of adequate storage and handling facilities for residuals.	<input type="checkbox"/>	<input type="checkbox"/>
10.	Provisions for the ultimate management of residuals.	<input type="checkbox"/>	<input type="checkbox"/>
11.	Details of flow monitoring and control, alarm systems, auxiliary power, storage facilities for treatment chemicals and wastes, and plans for bypassing units during construction or maintenance.	<input type="checkbox"/>	<input type="checkbox"/>
12.	The basis and computations for the projected wastewater flow.	<input type="checkbox"/>	<input type="checkbox"/>
13.	A fully executed Licensed Operator Grading Form.	<input type="checkbox"/>	<input type="checkbox"/>

I am a professional engineer licensed by the New Jersey Board of Professional Engineers and Land Surveyors to practice in New Jersey. I certify that the proposed treatment works, as designed, are adequate to meet all applicable final NJPDES permit limitations contained in the current NJPDES Discharge Permit No. _____. In addition, I certify that the proposed treatment works, as designed, meets the requirements of N.J.A.C. 7:14A - 23 et seq., other than the exceptions as noted.

I hereby certify that the information provided in this engineer's report and attachments hereto is true, accurate, and complete. Exceptions attached [YES ☐, NO ☐]?

Signature of Engineer* _____

Professional Engineer's
Embossed Seal

Name and Date:
(Print or Type) _____

Firm Name: _____

* This certification may not be completed until the effective date of the associated final NJPDES Discharge Permit.

**Resolution Authorizing Endorsement of Application for Treatment Works Approval
Statement of Consent
Bear Brook Road, Block 9, Lots 55 & 56
West Windsor Township**

**Resolution No. 2019-38
Date: June 24, 2019**

WHEREAS, an application for Treatment Works Approval has been submitted to Stony Brook Regional Sewerage Authority (SBRSA) by Page - Mueller Engineering Consultants, P.C. representing the Applicant/Owner Bear Brook Homes, LLC for a major subdivision located in West Windsor Township; and

WHEREAS, the applicant proposes an extension of 274 linear feet of 8-inch diameter sewer to serve seven (7) five-bedroom single family homes, two (2) three-bedroom townhomes, and one (1) two-bedroom townhome. The project is more particularly described in the Treatment Works Approval Permit Application Form (TWA-1), on file at the office of the SBRSA; and

WHEREAS, the New Jersey Department of Environmental Protection (NJDEP) presently requires the certification by the Wastewater Treatment Facility Owner, that the committed flow does not exceed the presently permitted design capacity and with the additional flow proposed by this application; and

WHEREAS, SBRSA has reviewed the application based on the requirements of N.J.A.C. 7:14A-23.3 Projected Flow Criteria, and the flow associated with this application is 2,925 gallons per day (gpd); and

WHEREAS, this project has been endorsed by West Windsor Township's Engineer dated June 6, 2019 on Form WQM-003 Consent by Governing Body; and

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

Stony Brook recommends approved of the Treatment Works Approval application for the proposed allocation of 2,925 gpd.

The Executive Director of SBRSA is authorized and directed to execute the Treatment Works Approval (TWA-1 Application) Form WQM-003 in accordance with the SBRSA Resolution adopted August 21, 1984.

BE IT FURTHER RESOLVED by the Stony Brook Regional Sewerage Authority that the approval shall remain in effect as stipulated in SBRSA's Revised Resolution Affirming Terms for Approvals for TWA-1 Sewer Extension Applications as Amended 11/26/01.

MOVED:
SECONDED:
ADOPTED:

Recorded Vote: AYE NO ABSTAIN ABSENT

Gale D. Downey
David A. Goldfarb
C. Schuyler Morehouse
Bharat Patel
Pamela Switlik
Miguel Vilaro-Munet

I HEREBY CERTIFY that the forgoing is a true and accurate copy of a Resolution adopted by the Stony Brook Regional Sewerage Authority at their Board Meeting on June 24, 2019.

Antonia Pchola, P.E., Secretary

Date



STONY BROOK REGIONAL SEWERAGE AUTHORITY

HOPEWELL BOROUGH • HOPEWELL TOWNSHIP • PENNINGTON BOROUGH
PRINCETON • SOUTH BRUNSWICK TOWNSHIP • WEST WINDSOR TOWNSHIP

May 20, 2019

Ms. Tracy Shevlin, P.E.
Section Chief
NJDEP, Division of Water Quality
Bureau of Environmental, Engineering & Permitting
Mail Code: 401-03D, PO Box 420
Trenton, New Jersey 08625-042

Re: Stony Brook Regional Sewerage Authority
Capacity Assurance Program
Capacity Assurance Report

Dear Ms. Shevlin:

Attached is the Capacity Assurance Report for the Hopewell Wastewater Treatment Plant.

Should you have any questions or need additional information please contact me at 609-924-8881 at extension 207 or Mr. Christopher Doelling at extension 206.

Very truly yours,

Antonia F. Shurott-Pchola, P.E.
Executive Director

Enclosure

c: C. Doelling

STONY BROOK REGIONAL SEWERAGE AUTHORITY
PRINCETON, NEW JERSEY



CAPACITY ANALYSIS REPORT

for the

Hopewell Wastewater Treatment Plant
NJPDES NJ 0035301

HOPEWELL CAPACITY ANALYSIS REPORT

May 2019

Due to ongoing extreme wet weather, the 12-consecutive month average effluent flow at the Hopewell Wastewater Treatment Plant (WWTP) has recently exceeded 95 percent of its permitted flow. Consequently, pursuant to N.J.A.C. 7:14A-22.16(a), we are required to submit a Capacity Analysis Report. Contained herein is SBRSA's capacity analysis for the Hopewell WWTP, which assesses our ability to maximize conveyance and treatment of existing flows and reduce or maintain existing flows below the permitted levels.

A draft Facility Planning Study for the Hopewell WWTP has recently been completed. The overall objective of the study was to evaluate the capacity of the Hopewell WWTP and to establish recommended capital improvements to effectively address the issues of permit compliance, aging infrastructure, efficiency and reliability. Although several upgrades are recommended to enhance operations, but since the Hopewell WWTP has consistently remained in full compliance with its NJPDES Permit effluent limits, there are currently no plans for increasing the capacity of the treatment works.

The Hopewell WWTP was placed into operation in 1984 with a design capacity of 0.3 million gallons per day (mgd). The Hopewell WWTP receives flow from Hopewell Borough and a small portion of Hopewell Township. The collection systems are owned and operated by the Borough and Township respectively. Table 1: *Hopewell Wastewater Treatment Plant 1984 Design Flows*, shows the original Wastewater Treatment Plant design data for the Hopewell Plant.

Table 1 Hopewell Wastewater Treatment Plant 1984 Design Flows	
Parameter	mgd
Design annual average	0.30
Design maximum 24 hour	0.78
Design maximum instantaneous	1.40

Table 2 indicates the average daily flow capacity of each unit process/system as summarized from the recently concluded draft Hopewell WWTP Facility Planning Study.

Table 2: Capacity Evaluation Summary	
Unit Process/System	Average Daily Flow Capacity (mgd)
Influent Manual Screens	0.47
Grit Chambers	0.53
Influent Water Pumps	0.3
Influent Wet Well	0.7
Influent Force Main	0.46
Primary Settling Tanks	0.3
Orbal System	0.37
Secondary Settling Tanks	0.3
Return Sludge Pumps	0.47
Effluent Filters	0.3
Chlorine Contact Tank	0.32
Sodium Hypochlorite Feed System	0.3
Dechlorination Contact Tank	0.96
Sodium Bisulfite Feed System	0.49
Post Aeration System	0.37

The most recently submitted (1st quarter 2019) Capacity Assurance Program Report (Form WQM-007) for the Hopewell WWTP indicated that the current 12-month average daily flow was 0.2997 MGD (99.9% of design capacity). This reported flow is currently on a 2-month downward trend from its peak 12-month average daily flow of 0.306 mgd in January 2019 that resulted from the extremely wet year we experienced in mid-2018 and continue to experience in early 2019. The rainfall statistics for 2018 are indicated in Table 3 *Mercer County, NJ Monthly Total Precipitation* and on Figure 1, a graphic from NJ.com article entitled ‘The wettest year in N.J. history: County-by-county breakdown; 15 wettest towns of 2018.’ The wettest year in the 124 years of recorded data occurred in 2018 and this should be considered when assessing the plant’s ability to maximize conveyance and treat existing and future flows.

Table 3 Mercer County NJ Rainfall Statistics

2018	Monthly Total Precipitation, inches
January	2.53
February	6.55
March	4.99
April	4.12
May	6.49
June	3.94
July	6.44
August	4.37
September	7.5
October	3.46
November	8.67
December	5.43
Total	64.49

Source: Office of the NJ State Climatologist,
Rutgers University

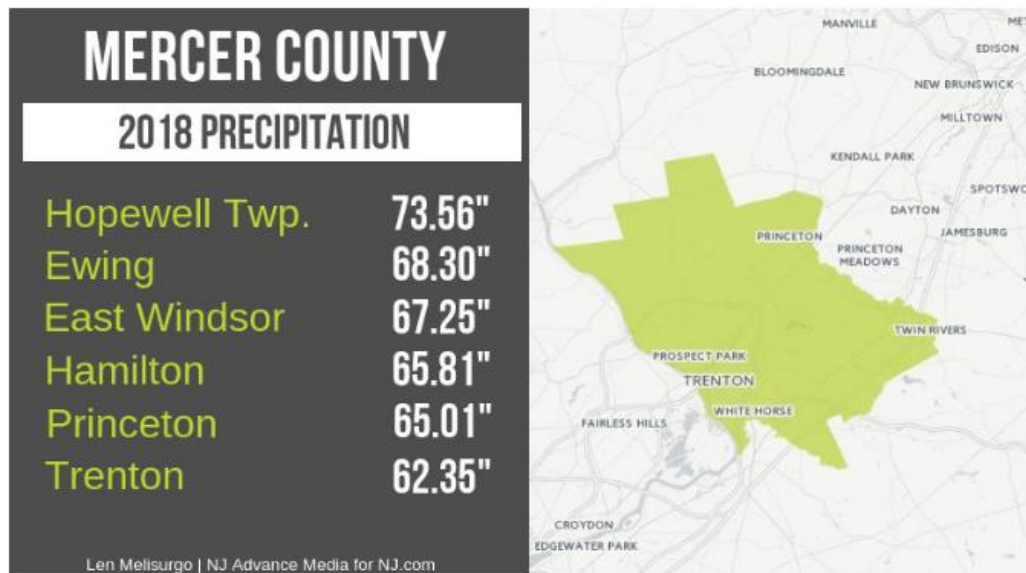


Figure 1: Graphic from NJ.com article: *The wettest year in N.J. history: County-by-county breakdown; 15 wettest towns of 2018.* By Len Melisurgo | NJ Advance Media for NJ.com | Posted January 04, 2019 at 08:30 AM.

According to the Office of New Jersey State Climatologist (ONJSC), the *30-year normal* yearly rainfall is 46.64 inches, with a calculated 124-year mean yearly rainfall of 45.21 inches (median = 44.73). As shown in Table 4, the total annual rainfall for 2018 was 64.49 inches, which is significantly above (17.85 inches above) the 30-year normal. The annual average flow through the Hopewell WWTP for 2018, was 0.303 mgd. The 12-month rolling average peaked at its 5-year high in December 2018.

**Table 4: Hopewell WWTP Effluent Flow and Rainfall Data
2014 through 2018**

Year	Monthly Average Effluent Flow, mgd	Average Monthly Rainfall, inches	Total Annual Rainfall, inches
2014	0.288	4.04	48.48
2015	0.264	3.45	41.37
2016	0.251	3.27	39.19
2017	0.258	3.64	43.63
2018	0.303	5.37	64.49
Average	0.273	3.95	47.43

Table 4: *Hopewell WWTP Effluent Flow Data 2014 through 2018*, presents the annual average monthly-average effluent flow for years 2014 through 2018.

A similar instance of high average flows occurred in 2011, which was also a very wet year with approximately 64 inches of rain reported in Mercer County (source: https://climate.rutgers.edu/stateclim_v1/nclimdiv/index.php?stn=NJ021&elem=pcpn). For comparison, the annual average flow in 2011 was 0.32 mgd. As proven then, when the abnormally wet weather subsides, flows are expected to return to more normal averages. The 12-month rolling average flows for the most recent five (5) year period (2014-2018), including the 2018 high flows, was 0.27 mgd, (~91% capacity).

The Hopewell WWTP has one TWA issued, but not yet connected (Second Street Sewer Extension located in Hopewell Borough), for one home, with a flow allocation of 300 gpd. In 2013, The Mercer County Final Wastewater Management Plan (WMP) dated October 2013, indicated a full build-out flow of 0.366 mgd for the Hopewell WWTP based on information provided by both Hopewell Borough and Hopewell Township. However, the WMP is currently being revised. As previously indicated, because the Hopewell WWTP has remained in full compliance with its NJPDES Permit effluent limits, there are presently no planned improvements to the Hopewell WWTP related to an increase in capacity. However, after the WMP is revised, the need for a potential future expansion of the Hopewell WWTP to accommodate future potential build-out flows will be assessed.

The large fluctuation in flow between wet and dry weather are typical of Infiltration/Inflow (I/I). Sources of inflow include water entering the sanitary sewers from inappropriate connections such as sump pumps, roof drains, or where urban features prevent surface runoff. Infiltration is generally understood to be groundwater entering sanitary sewers through defective pipe joints and broken pipes, and will occur wherever local groundwater elevation is higher than the sewer pipe. Both Inflow and Infiltration tend to peak during precipitation events, and will, in general, increase over time.

An estimate of I/I associated with the Hopewell WWTP, was calculated by comparing the average daily flow data for the lowest 30-day flows (assumed to be a time with very little inflow/infiltration) occurring over the last 5 years, with the 5-year average flow. The lowest 7-day average flows were also compared with the 5-year average. The resulting I/I estimate was found to be approximately 0.1 mgd.

SBRSA does not own or operate the collection system from our contributing participants/member communities. It is instead reliant upon the participants/member communities of the SBRSA to undertake I/I reduction as indicated in the SBRSA Service Contracts.

On March 20, 2019 SBRSA sent a letter to all our participant/members requesting its participants/members to evaluate their I/I and to undertake reductions as necessary in order to avoid costly and potentially unwanted alternative solutions, such as potential sewer bans and/or premature expansion of our treatment facilities due to excessive I/I.

The Hopewell WWTP is operated with due care. Personnel operating the equipment are trained in its operation and standard operating procedures (SOPs) have been developed to maximize conveyance and treatment of existing flows through the plant. SBRSA has consistently met its NJPDES permit monthly and weekly average effluent limitations. And, although several upgrades and enhancements were recommended in the recently received draft Facility Planning Study, there is currently no need to increase the capacity of the Hopewell to achieve reliable permit compliance. Therefore, this Capacity Assurance Report does not include a selected alternative, implementation schedule or financing plan. SBRSA anticipates that the participant/members will undertake the necessary I/I reduction, and this combined with a return to historically-normal weather are expected to reduce, and maintain, plant flows below permitted capacity.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 REGION 2
 290 BROADWAY
 NEW YORK, NY 10007-1866

MAY 14 2019

Antonia Pchola, P.E.
 Executive Director
 Stony Brook Regional Sewerage Authority
 290 River Road
 Princeton, New Jersey 08540

RE: Daniel Popkin Residence, Hopewell Township, Mercer County, NJ

Dear Ms. Pchola:

This letter is in response to your February 5, 2019 request to the U.S. Environmental Protection Agency (EPA) for a waiver from the Environmentally Sensitive Area (ESA) special grant condition placed on the Stony Brook Regional Sewerage Authority (SBRSA) construction grant projects (C-34-704). Specifically, your request pertains to providing a sewer connection for the existing single-family dwelling on Block 46 and Lot 15.02 located at 100 Lewis Brook Drive in Hopewell Township, Mercer County, New Jersey.

We have carefully evaluated the information that you provided in support of your waiver request. We note that the New Jersey Department of Environmental Protection's Division of Land Use Regulation (NJDEP DLUR) issued a Letter of Interpretation/Line Verification for the project on April 22, 1998. Our review of the Sanitary Sewer Design, prepared by Goldenbaum Bail Engineering, last revised September 21, 2017, reflects the wetland boundary(s) delineated in accordance with the NJDEP wetland protection requirements.

Our review of the Sanitary Sewer Design and other supporting information provided indicates that no wetlands will be impacted by the project. Therefore, I approve a partial waiver of the ESA special grant condition for this project as wetlands remain on-site.

Please note that the sewer connection restriction remains in effect for the wetlands on the site. Any modification to this project resulting in disturbance to wetlands will require a resubmittal of this application to the EPA for a revised determination, and the sewer connection restriction of the special grant condition remains in effect for any future construction. Moreover, this waiver does not relieve the property owner from compliance with any other federal, state, or local requirements.

EPA encourages your community to continue to ensure that the planning and design of new developments incorporate appropriate site-specific management practices to protect wetlands and minimize stormwater runoff impacts. Careful site planning can reduce negative environmental impacts by limiting overall site disturbance, conserving vegetation and soil, maintaining natural drainage patterns, and minimizing creation of impervious surfaces which significantly increase stormwater runoff.

In addition, EPA would like you to encourage developers and their consultants/contractors to incorporate green building materials and sustainable practices into their projects, as well as energy-efficient and water-efficient products. We commend the efforts of those who already have and will continue to incorporate green building/energy efficient/water-saving products into their projects and would appreciate being made aware of examples of their utilization.

If you have any questions concerning this matter or would like additional information about our green recommendations, please feel free to contact Nikolaus Wirth of my staff at (212) 637-3902.

Sincerely,

A handwritten signature in dark ink, appearing to read "David W. Kluesner", followed by a long horizontal flourish.

David Kluesner
Strategic Programs Office Director

June 18, 2019

Stony Brook Regional Sewerage Authority
290 River Road
Princeton, NJ 08540

Attention: Ms. Antonia F. Shurott-Pchola, P.E., Executive Director

RE: **Sanitary Sewer Extension/NJDEP Treatment Works Approval**
Heritage at Pennington - Phase 2
Block 102, Lot 1
Borough of Pennington, Mercer County
MEA #2014.024

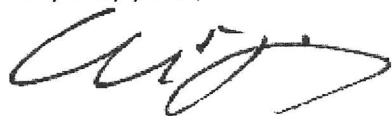
Dear Ms. Shurott-Pchola:

Enclosed please find the following documents for the Authority's use in obtaining the USEPA Environmentally Sensitive Area (ESA) Grant Condition Waiver:

1. Waiver Request Checklist
2. One (1) full set of the Engineering Site Plans
3. A copy of the NJDEP Letter of Interpretation and approved Freshwater Wetlands General Permit and Transition Area Waiver
4. A copy of the Treatment Works Approvals issued for Phase 1 of the project (file numbers: 16-0491, 16-0491a, and 16-0491b)
5. A copy of the Pennington Borough Planning Board Resolution (application number PB15-009)
6. Project Summary Statement

Your assistance is truly appreciated and, should you have any questions regarding this application or require additional information, please do not hesitate to contact this office.

Very truly yours,



William A. Lane, PE
Executive Vice President

WAL/kcr
Enclosures

cc: Diane Alexander, Esq.
Greg Kanter

**Resolution Authorizing Endorsement of Request for Grant Condition Waiver for
A Sanitary Sewer Extension of Heritage at Pennington - Phase 2
Block 102, Lot 1
Borough of Pennington, Mercer County**

**Resolution No. 2019-43
Date: June 24, 2019**

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

1. In furtherance of the condition imposed by the United States Environmental Protection Agency (USEPA) upon the grant for the construction of the SBRSA wastewater treatment plant (Construction Grant # C-34-704), the SBRSA hereby endorses and approves a Grant Condition Waiver request for a sanitary sewer extension located at Heritage at Pennington - Phase 2, Borough of Pennington. This approval shall not constitute a representation by the SBRSA that capacity is, or shall be, available or shall be reserved for this project at the time of issuance of a grant condition waiver by the USEPA.
2. This endorsement is not to be construed as any future approval, nor any commitment for future approval and shall not supersede the requirement to obtain other approvals from the SBRSA, and other governmental entities having jurisdiction, before the premises are connected to the SBRSA system including, but not limited to, the approval of a Water Quality Management Plan (WQMP) Amendment and TWA-1 sewer extension application if applicable.

MOVED:
SECONDED:
ADOPTED:

Recorded Vote: AYE NO ABSTAIN ABSENT

Gale D. Downey
David A. Goldfarb
C. Schuyler Morehouse
Bharat Patel
Pamela Switlik
Miguel Vilaro-Munet

I HEREBY CERTIFY that the forgoing is a true and accurate copy of a Resolution adopted by the Stony Brook Regional Sewerage Authority at their Board Meeting on June 24, 2019.

Antonia Pchola, P.E., Secretary

Date

STONY BROOK REGIONAL SEWERAGE AUTHORITY

Regulatory Report

REGULATORY REPORT

June 2019

A. Discharge Monitoring Report (DMR)

The Discharge Monitoring Reports for the months of May and June 2019 were submitted to NJDEP. No violations were reported.

The River Road Semi-annual Effluent Surface Water Discharge Waste Characterization Report was submitted for the period January 1, 2019 to June 30, 2019.

The River Road Annual Effluent Surface Water Discharge Waste Characterization Report was submitted for the period ending June 30, 2019.

The quarterly bioassay for River Road and semi-annual bioassay for Hopewell and Pennington facilities were conducted in the week of June 17th.

NJDEP Modernized Monitoring Report Form (MRF) Submission Service is set to go live online on June 28, 2019.

B. Residual Discharge Monitoring Reports (RDMR)

The March and April 2019 RDMRs were submitted. All River Road parameters were compliant with the Air Permit requirements.

The semi-annual Residuals Discharge Monitoring Reports for Hopewell and Pennington were submitted. The results were within the expected ranges for these facilities.

C. Air Reporting

Certified Gas Audit (CGA) for both incinerators was conducted by staff on June 10, 2019.

The 2018 Annual Emission Statement, prepared by KEMS LLC, was submitted utilizing the NJDEP online portal on June 17, 2019.

One affirmative defense was submitted to NJDEP on May 30, 2019. The cause of the event, which occurred on May 10, 2019, was a malfunction on the scrubber pump skid, which triggered safety interlocks.

D. Laboratory

The results of the 2019 Proficiency Test (PT) Study samples for the Hopewell and Pennington facilities were validated by NJDEP, however, the result of the Fecal Coliform for the River Road facility was not accepted due to use of the wrong version of the standard method while reporting the data on the ERA (PT provider) web portal. SBRSA must participate in a make-up PT Study in September (copies of the letters are attached).

As required, a corrective action has been documented and will be implemented.

E. Miscellaneous

On June 4, 2019 Jessica Sponaule from NJDEP Bureau of Water Compliance and Enforcement visited the River Road facility for annual sampling of the Effluent. Ammonia, Chlorine, Nitrate, pH and Phosphorus analysis were performed on-site using test strips.

The Platinum Peak Performance Awards by NACWA, for all three facilities, were received on May 21, 2019. The River Road facility received a Platinum19 award and Hopewell and Pennington facilities received a Platinum11 award (letter is attached).



State of New Jersey

Department of Environmental Protection
Office of Quality Assurance
401 East State Street
P.O. Box 420, Mail Code 401-02D
Trenton, NJ 08625-0420
TEL:# (609) 292-3950

PHILIP D. MURPHY
Governor

SHEILA Y. OLIVER
Lt. Governor

CATHERINE R. McCABE
Commissioner

June 3, 2019

Dear Laboratory Manager:

Re: 2019 Initial Non-Potable Water Proficiency Test Study

Your laboratory performed acceptably on all parameters it was required to analyze in the 2019 Initial Non-Potable Water Proficiency Test Study.

To help continue successful performance in future Proficiency Test Studies, we recommend your laboratory conduct a periodic (at least annually) self audit of your quality control program and correct all deficiencies at the time they are found.

If you have any questions please call Rachel Ellis at (609) 292-3950.

Sincerely,

A handwritten signature in black ink that reads "Michele M. Potter".

Michele M. Potter
Manager



State of New Jersey

Department of Environmental Protection
Office of Quality Assurance
401 East State Street
P.O. Box 420, Mail Code 401-02D
Trenton, NJ 08625-0420
TEL# (609) 292-3950

PHILIP D. MURPHY
Governor

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Commissioner

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A handwritten signature in black ink that reads "Michele M. Potter".

Michele M. Potter
Manager



State of New Jersey

Department of Environmental Protection
Office of Quality Assurance
401 East State Street
P.O. Box 420, Mail Code 401-02D
Trenton, NJ 08625-0420
TEL: # (609) 292-3950

PHILIP D. MURPHY
Governor

SHEILA Y. OLIVER
Lt. Governor

CATHERINE R. MCCABE
Commissioner

June 7, 2019

CERTIFIED MAIL RETURN RECEIPT REQUESTED

NOTICE OF INTENT TO SUSPEND

HOSSEIN RAHIMI
STONY BROOK REGIONAL SEWERAGE AUTHORITY
290 RIVER RD
PRINCETON, NJ 08540
Lab ID #: 11242

Re: 2019 Initial Non-Potable Water Proficiency Test Study, NJ-ELCP

As a result of an investigation conducted in May 2019, the New Jersey Department of Environmental Protection (Department) has determined that STONY BROOK REGIONAL SEWERAGE AUTHORITY, ID# 11242 **failed to submit analytical results within acceptable limits and/or failed to submit analytical results (including late submittals)** for the 2019 Initial Non-Potable Water Proficiency Testing (PT) Study (ERA WP-290).

Specifically, STONY BROOK REGIONAL SEWERAGE AUTHORITY, ID# 11242 **failed to submit analytical results by the laboratory's certified method and therefore failed to submit analytical results** for the following Non-Potable Water parameter(s) and method(s):

Fecal coliform	SM 9222 D-06
----------------	--------------

Now, therefore it is hereby required that pursuant to N.J.A.C. 7:18-2.13(b)1i, that STONY BROOK REGIONAL SEWERAGE AUTHORITY analyze a make-up Non-Potable Water PT study after September 1, 2019. All required PTs shall be obtained from a PT Provider accredited by a TNI approved Proficiency Testing Provider Accreditor (PTPA). The final results of the study must be submitted to the Department from the PT provider on or before November 8, 2019. The make-up Non-Potable Water PT study is to be analyzed for the following parameter(s) and method(s) that were not acceptably analyzed and/or not analyzed on the 2019 Initial Non-Potable Water PT study:

Fecal coliform	SM 9222 D-06
----------------	--------------

Based on the above findings, and a review of the entire matter, the Department hereby provides notice that pursuant to N.J.A.C. 7:18-2.15(b), and 2.15(c) your laboratory will be subject to a six month suspension in the affected parameter(s) and method(s) if any of the following occurs:

- PT Sample result is evaluated as “Unacceptable” by the PT Sample Provider.
- PT Sample result is not received by the New Jersey Department of Environmental Protection’s Office of Quality Assurance (OQA).
- PT Sample result is not received by the OQA from the PT Sample Provider by November 16, 2019. (NOTE: An “Unacceptable” evaluation will be given to PT Sample results received by the OQA after November 8, 2019) Additionally, an amended report from the PT Sample Provider will not be accepted by the OQA.
- PT Sample is analyzed prior to September 1, 2019.
- PT Sample is obtained from a PT provider that does not meet the TNI requirements.
- PT Sample result is reported for a parameter with a method other than the method in which the laboratory holds certification. (NOTE: Such action will be considered a failure to submit a PT Sample result)
- PT Sample results do not contain either the name of the certified business as it appears on your annual certified parameter list or the New Jersey laboratory certification ID number.

Additionally, pursuant to N.J.A.C 7:18-10.3, 10.4 and 10.5 your laboratory may be subject to a civil administrative penalty (fine) for any parameters for which it fails to submit results in a parameter in which it holds certification and/or fails to submit PT Sample results using its certified method.

For any parameters not detected in the PT Sample the laboratory must report a result of less than the laboratory’s Reporting Limit (< RL) to get credit for the analysis of the parameter. **Only non-detects (below the laboratory’s RL) shall be reported as a less than value. If a laboratory reports a less than result for anything greater than its RL no credit will be given. Also, if a non-detect is not reported as a less than value no credit will be received for the parameter (a result of zero will not be accepted.)**

Also in accordance with N.J.A.C. 7.18-2.13(i)3viii for any parameters listed above the business is required to investigate the cause of the failure and implement any necessary corrective action. This corrective action shall be documented immediately and shall be made available to the Department upon request.

If you have any questions please contact Rachel Ellis at (609) 292-3950.

Sincerely,



Michele M. Potter
Manager



1130 Connecticut Ave NW
Suite 1050
Washington DC 20036

T (202) 833-2672
F (888) 267-9505
www.nacwa.org

EXECUTIVE COMMITTEE

PRESIDENT

Mark S. Sanchez

Executive Director
Albuquerque-Bernalillo
County Water
Utility Authority
Albuquerque, NM

VICE PRESIDENT

John P. Sullivan

Chief Engineer
Boston Water &
Sewer Commission
Boston, MA

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Terry Leeds

Director
KC Water Services
Kansas City, MO

SECRETARY

Kisha L. Powell

Commissioner
City of Atlanta
Department of
Watershed Management
Atlanta, GA

CHIEF EXECUTIVE OFFICER

Adam Krantz

May 21, 2019

John Kantorek
Executive Director
Stony Brook Regional Sewerage Authority
290 River RD
Princeton, NJ 08540-2941

Dear John:

It gives us immense pleasure to inform you that Stony Brook Regional Sewerage Authority has 3 treatment facilities that have earned a *Platinum Peak Performance Award* for more than five years of 100% compliance. Congratulations on this great accomplishment!

The following facilities have earned Platinum status for more than five consecutive years:

- Hopewell Wastewater Treatment Plant – *Platinum11*
- Pennington Wastewater Treatment Plant – *Platinum11*
- River Road Wastewater Treatment Facility – *Platinum19*

While only first-time *Platinum Peak Performance* winning facilities are recognized individually at our annual Awards Ceremony, we hope that you will be there as we celebrate all our honorees on Thursday, July 18, 2019, during NACWA's Utility Leadership Conference & 49th Annual Meeting, *Building a Network of Influence: Utility Executive Leadership in a Changing World*, in Minneapolis, MN.

Please pay special attention to the *Essential Information for Award Recipients* (included with this correspondence), as well as the following key deadlines described in detail in the accompanying materials:

June 21, 2019: Deadline to send photos and/or videos of your team to NACWA for our multi-media presentation showcasing Platinum Award honorees

June 24, 2019: Hotel reservation cut-off for special group rate at the Loews Minneapolis

Additional honors that your utility may have been awarded, such as Gold or Silver Awards, will be mailed to you following the Utility Leadership Conference.

Peak Performance Award Letter
May 21, 2019
Page 2 of 2

Again, congratulations on a job well done. We look forward to seeing you in Minneapolis!

Sincerely,



Edward G. Henifin
Chair, NACWA Awards Committee
General Manager
Hampton Roads Sanitation District, VA



Adam Krantz
NACWA Chief Executive Officer

Enclosures: Essential Information for Award Recipients

STONY BROOK REGIONAL SEWERAGE AUTHORITY

Safety

SAFETY REPORT

June 2019

There were zero “Lost time” and “No Lost Time” Accidents/injuries this period. As of June 18, 2019, Stony Brook Regional Sewerage Authority has gone **1075** consecutive days without a “Lost Time Accident.” Attached is an up to date graph depicting the historic annual trends of “Lost Time” and “No Lost Time” accidents and injuries.

On June 12, 2019, CNA (one of our insurance carriers) conducted thermal imaging tests on several electrical control panels. Two qualified SBRSA Personnel, familiar with our systems, accompanied and assisted CNA during the study. Staff is waiting for the report.

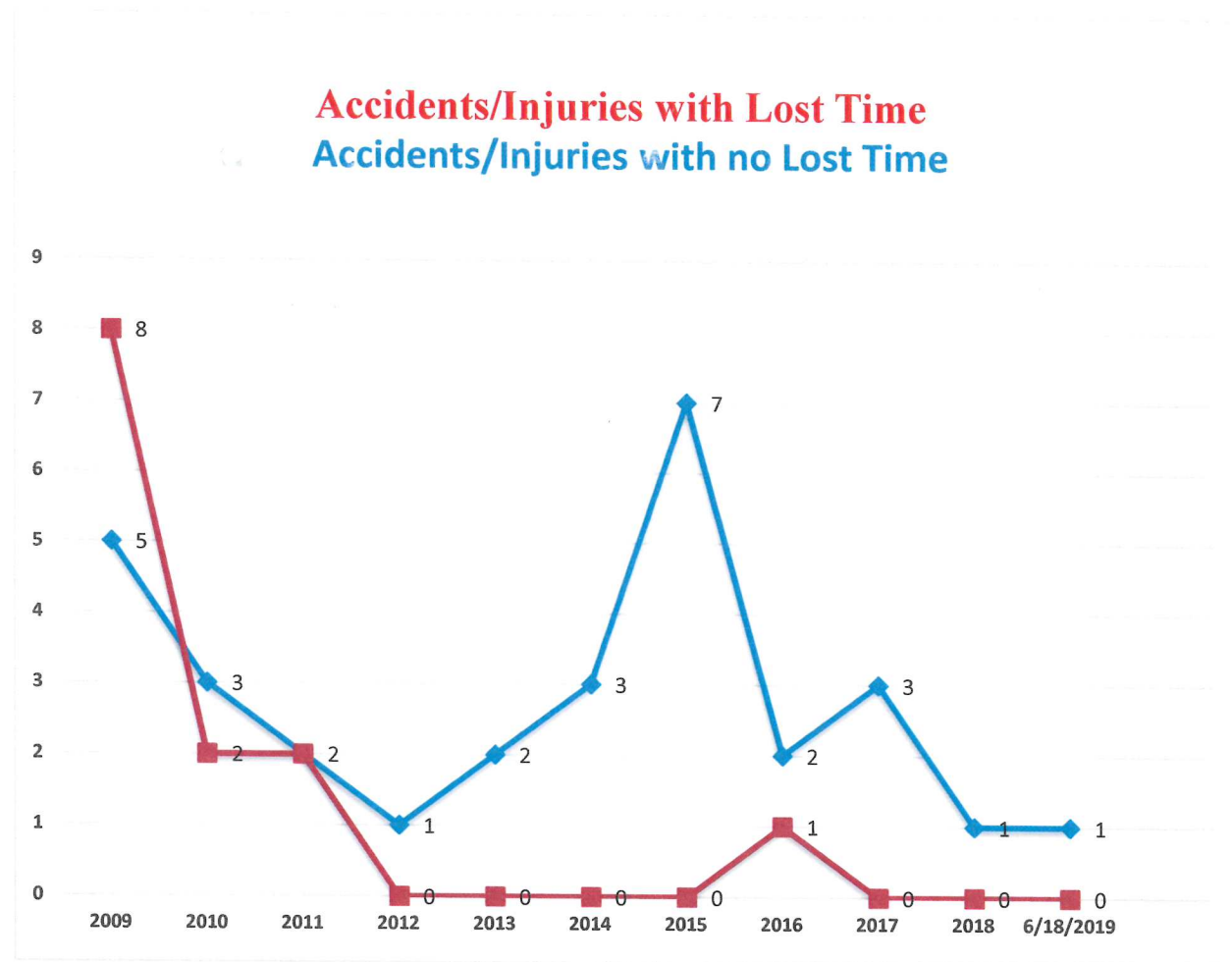
On June 13, 2019, Survivor Fire conducted the annual fire sprinkler and fire hydrant inspection. Staff is waiting for the report.

Attached to this report is the 2018 Kleinfelder Priority 1 list which was reviewed and updated as of June 18, 2019.

On June 17, 2019 the Princeton Bureau of Fire Safety conducted its annual inspection of the River Road Operations Building and the gasoline tank. No issues were cited. Report attached.

Training for this reporting period:

- Indoor Air Quality Designated Person Training was provided by the New Jersey Department of Health to the Safety Manager on June 7, 2019.
- Scaffold Training was provided by Local 172 for two employees the week of June 10, 2019 to June 14, 2019.
- Electrical Troubleshooting & Preventative Maintenance Training was provided by TPC Trainco for one employee on June 12, 2019 & June 13, 2019.



SECTION 2 - SUMMARY OF SUGGESTIONS AND RECOMMENDATIONS

This section of the report presents a summary of the suggestions and recommendations from Section 1 of the report. This section is not inclusive of all of the potential improvements and maintenance issues that were identified, but highlights some of the more significant items identified.

This report was reviewed and updated as of June 18, 2019.

Assessments:

Blue = Complete

Red = Need further attention

Black = Not considered safety related

● = Actions since the March 18, 2018 report

River Road Plant

Priority 1

1. At the Headworks Facility, areas of corrosion were noted around Aerated Grit Blower piping and valves and should be re-coated to prevent further corrosion.

Assessment: This area will require re-coating by an outside contractor, work will be combined with other areas within the plant site, needing similar coating.

2. At the Headworks facility, ensure continuous operation of SF-1 and confirm proper interlock(s) with the odor control system.

Assessment: Completed May 2, 2019.

3. At the Headworks facility, investigate and repair the cracking in the concrete deck in front of the double doors at the hoist/monorail.

Assessment: The crack does not present a trip or fall hazard but will need to be scheduled for repair.

4. At the Headworks facility, replace broken/missing stair tread nosing's at the exterior stair by the hoist/monorail.

Assessment: WKO # 07811. Stair tread nosing was replaced with new ones.

5. At the Septage Building, review current status of containment pallets and/or secondary containment based on stored materials and implement appropriate measures that may be necessary consequent to the review.

● **Assessment:** WKO # 10086. All 55-gallon drums are now on spill containment pallets.

6. At the Septage Building, there is no active HVAC/ventilation in the (oils/fluids) storage room. Provide appropriate ventilation.

- **Assessment:** WKO # 10087 Maintenance installed an exhaust fan with a timer.

7. At the Septage Building, effect necessary repairs to ensure structural integrity and water-tightness of the former Lime Storage Shed.

- **Assessment:** WKO # 10088. Maintenance resealed and made necessary repairs to ensure integrity and water tightness.

8. At the MA Settling Tanks, provide grating at the influent distribution box (structure 1A).

Assessment: There is no danger of falling in the distribution box based on the elevation of the top of the structure, however grating will be installed.

9. At the MA Settling Tanks, in MA Settling Tank #1, it was last observed in 2015 that there were a few vertical rebars on the inside face of the west side wall that are exposed. These bars had corroded significantly. It was recommended that they should be cleaned, coated with anti-corrosion paint and covered with concrete to avoid further deterioration. If this has not already been completed, this repair should be made a priority.

Assessment: This work needs to be conducted by an outside contractor and needs to be scheduled when MA Settling Tank No. 1 has scheduled downtime.

10. At the Scum Pump Station, pump bases were severely corroded and may need to be replaced.

Assessment: This may require re-coating by an outside contractor. Maintenance staff will inspect the pump bases to determine if they can be recoated in-house.

11. At the Chemical Building, in the generator room, effect measures to ensure operation of the safety shower does not allow water to get on the batteries, terminals, or wiring for the batteries for the turbine generator.

Assessment: The batteries have covers and there is a shower curtain to deflect water from coming in direct contact with them.

12. At the Chemical Building, near Nitrification Return Pump #3, provide a proper platform with stair or fixed ladder access in the event regular/repeated access is required for the new venturi meters and/or gauges/sensors in the overhead piping.

Assessment: The current platform has a capacity of 1000 lbs. and a ladder specific for access is stored in the basement when not in use.

13. At the Chemical Building, repair the new insulation on the new generator exhaust stack. This is a Priority 1 repair due to timing constraints to ensure the repairs are handled during the Contractor's Warranty Period.

Assessment: Contractor corrected this issue as part of the Emergency Generator Project 14-1 completed on May 22, 2018. During the 2019 inspection it was noted that the repairs did not hold. Staff will contact the contractor to have the repairs made.

14. At the Chemical Building, properly seal insulated fittings in the new radiator piping on the roof. This is a Priority 1 repair due to timing constraints to ensure the repairs are handled during the Contractor's Warranty Period.

Assessment: Contractor corrected this issue as part of the Emergency Generator Project 14-1 completed on May 22, 2018. During the 2019 inspection it was noted that the repairs did not hold. Staff will contact the contractor to have the repairs made.

15. At the Chemical Building, repair/replace leaking globe on new lighting fixture on the roof. This is a Priority 1 repair due to timing constraints to ensure the repairs are handled during the Contractor's Warranty Period.

Assessment: This fixture was retightened and re-inspected and there was no water.

16. At the Chemical Building, repair the delaminating concrete floor topping at the MgOH pumps.

Assessment: Does not present a fall or trip hazard but will need to be scheduled for repair.

17. At the Chemical Building, repair the spalling concrete floor by the exit stairs to go out from the office/generator room/MCC room area to the deck of the nitrification aeration tanks.

Assessment: Does not present a fall or trip hazard but will need to be scheduled for repair.

18. At the Backwash Storage Tank, repair right-hand side railing anchors to ensure stability of railing.

Assessment: WKO # 07812. Railing was repaired.

19. At the Backwash Storage Tank, repair the electrical junction box adjacent to the stairs to mitigate exposed wiring.

Assessment: WKO # 07813. New junction box was installed in-house.

20. At the Liquid Sludge Depot, at the entrance to the dry well, provide a cover for the open electrical trough/box.

Assessment: WKO # 07814. Cover was reinstalled.

21. At the Liquid Sludge Depot, in the Scrubber Building, seal the wall penetration for the drain piping.

Assessment: WKO # 09158. The wall was sealed in-house on March 8, 2019.

22. At Sludge Dewatering, the roof over the Belt Filter Press room has deteriorated further. This roof should be replaced in very near future. SBRSA is keenly aware of this and is in active evaluation and discussion about replacing the roof. An architect from AECOM has inspected roof and prepared memo evaluating different roof types for roof replacement. Rusting of skylight anchor bolts indicate presence of moisture. It is suggested that stainless steel anchor bolts be used in place carbon steel bolts.

Assessment: The Schwing pumps in the belt press room have been replaced. SBRSA is in the process of replacing the roof. This work is expected to be completed in 2019.

23. At the Cake Building, replace the cake bin double doors.

Assessment: Not a safety related issue.

24. At the Incinerator Building, re-pack the seals around the gate of influent bonnet-less knife gate valve at Fly Ash Slurry Pump No. 1 to stop active leaking.

Assessment: Maintenance could not re-pack the seals due to corrosion. Valve will need to be replaced.

25. At the Operations Building, investigate and repair leaking Thickened Sludge Pump No. 2.

Assessment: Leak repaired June 6, 2018.

26. Various lights noted as being out in several locations and should be replaced.

Assessment: This is an ongoing project as we transition from fluorescent lights to LED lights.

27. Various electrical junction boxes are missing covers and should be replaced.

Assessment: Covers are being installed.

28. It is recommended that an updated power system study, consisting of short circuit, protection coordination, arc flash, and harmonic analysis, be conducted, due to the many changes that have occurred in the River Road Plant over the last 30 years.

29. A short circuit study is a prerequisite for the coordination study, and will determine if electrical equipment has adequate interrupting capacities (to prevent breaker exploding during fault interruption) and bus bracing (to withstand large forces during short circuit). A protection coordination study is needed when major loads are added, to prevent nuisance tripping (or maximize power supply reliability) and to provide a basis for correct settings of protective devices during the calibration and testing performed every two or three years. Arc flash risk evaluation will provide information on potential arc flash energy at various electrical equipment and recommend proper PPE for the plant operators. Harmonic analysis is required when non-linear loads like VFDs and UPSs are added to assure that harmonic voltage and current distortions are not exceeded, to prevent premature damage to electrical equipment.
30. Consult with plant safety personnel to discern if all existing safety showers that are only fed by cold water are required to be tempered to a minimum of 60-deg F. If so, install a source of hot water and appropriate mixing valve.

Assessment: Staff is assessing what course of action to mitigate this issue.

STONY BROOK REGIONAL SEWERAGE AUTHORITY

Litigation

LITIGATION SUMMARY

June, 2019

*Indicates Revised Section

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

The final NJPDES permit received on January 26, 2006 included a 0.1 mg/L monthly phosphorus limit, effective January 1, 2011. A “Request for Hearing” was filed with the NJDEP on February 24, 2006 to contest this limit and several other items. On March 11, 2007, a letter was received from Nancy Wittenberg, Assistant Commissioner, indicating that in recognition of the fact that the TMDL based phosphorus limits will soon be available, the Department has granted a Stay of the (not yet effective) phosphorus limit until further notice. On March 28, 2007, the Bureau of Point Source Permitting sent a follow-up letter, which included all three plants and indicated that the phosphorus limits will be stayed until further notice. Meetings between representatives of the SBRSA and NJDEP were held on January 16, 2014 and September 17th, 2014 with representatives of the NJDEP. Agreement was reached on the issues of Phosphorus and other issues raised. The contested issues relevant to SBRSA’s blending line and the Infiltration/Inflow requirements remain an issue. Unless SBRSA agrees to delete references to blending line use from its permit and rely upon enforcement to grant affirmative defenses, if applicable, this issue will remain outstanding and subject to further litigation. NJDEP further advised that Nitrate effluent limitations would be established in the upcoming permit renewal.

A meeting with NJDEP was held on May 5, 2015, wherein blending during periods of excessive wet weather was again discussed. The NJDEP advised regarding the position of the USEPA regarding blending, both on a permanent and temporary basis. USEPA and NJDEP approval would be needed for SBRSA to obtain a permit that contains a provision allowing the bypass of secondary treatment during excessive wet weather events. In order to obtain approval, a No Feasible Alternatives Analysis process must be followed. NJDEP provided guidance regarding this process.

On February 1, 2016, NJDEP issued a Draft Surface Water Renewal Permit for the River Road facility. This renewal carries forward the unresolved blending line issue from the previous permit. New issues include Nitrate; Removal of the Quantification Levels and Sufficiently Sensitive Test Methods, particularly with respect to Chlorine Produced Oxidants; calculation of the Chlorine Produced Oxidant limitations; Chlorodibromomethane and Bromodichloromethane limitations, E. Coli effluent limitations, the Capacity Assurance Program provisions and provisions regarding evaluation of Local Limitations for Chlorodibromomethane and Bromodichloromethane.

NJDEP issued a final permit to SBRSA on May 31, 2016, which did not resolve the contested issues contained in the draft permit issued on February 1, 2016. With the issuance of the final permit, the previous permit appeal is now moot and a letter

withdrawing the same, without prejudice, will be filed with the Honorable James-Beavers, ALJ.

On June 27, 2016, SBRSA filed a Request for an Adjudicatory Hearing relevant to the contested issues identified in the final NJPDES Permit.

On February 14, 2017, Association of Environmental Authorities (AEA) representatives, including myself, John Kantorek and Jim Cosgrove, met with NJDEP to discuss Sufficiently Sensitive Test Methods (SSTM) concerns, Water Quality Standards for Arsenic and the status of the Drinking Water Intake Protection Rule. The discussion was initiated by the AEA, an organization that endeavors to advocate for and advance the interests of its members, including water and wastewater authorities. The parties made significant progress toward resolution of these issues. On February 14, 2017, NJDEP issued a draft modification of SBRSA's NJPDES Permit to incorporate an RQL of 0.02 mg/L for CPO, thereby establishing a more appropriate level of sensitivity for compliance testing for the CPO parameter. A thirty (30) day comment period, within which time SBRSA may submit comments regarding this draft modification, ended on March 17, 2017. Comments were submitted on behalf of SBRSA on March 9, 2017, requesting further revisions to the RQL. A status conference call before Judge James-Beavers occurred on March 15, 2017, wherein the Judge was apprised of these developments. The next status conference is scheduled for September 18, 2017.

NJDEP issued a final permit modification to SBRSA on July 24, 2017, which established a Chlorine Produced Oxidant (CPO) Quantitation Level (QL) of 0.02 mg/l. SBRSA contends that this level of accuracy has not yet been attained utilizing the Colorimetric method of analysis, and accordingly, the permit modification did not resolve the contested issues regarding CPO and Sufficiently Sensitive Test Methods (SSTM) contained in SBRSA's NJPDES Permit. On August 23, 2017, a brief telephone conference was held with NJDEP wherein a discussion of the issue occurred, to be followed by the submission of additional information and further discussions. SBRSA filed a Request for an Adjudicatory Hearing and Stay relevant to the contested issues identified in the final NJPDES Permit Modification on August 24, 2017.

On October 17, 2017, SBRSA received a letter from NJDEP addressing the Stay Request submitted on behalf of SBRSA on May 27, 2016. With respect to SBRSA's request for a stay of the Nitrate limits, NJDEP has granted SBRSA a stay of the nitrate limits. With respect to SBRSA's request for a stay of the permit conditions relevant to the Blending/Plant Protection Line, NJDEP advised that it continues to explore the bypass/blending issue with EPA, and as a result, the NJDEP is not rendering a decision regarding a stay on the bypass line at this time. The NJDEP will address this issue at a later date. With respect to CPO, NJDEP advised that after it had issued the May 27, 2016 final NJPDES permit, the NJDEP determined that a detection level of 0.01 mg/L could not be reliably attained. As a result, the Department issued a major permit modification to SBRSA (which SBRSA has also challenged) specifying a Required Quantitation Level of 0.02 mg/L retroactive to July 1, 2016. NJDEP has granted SBRSA's request for a stay for CPO from the period of July 1, 2016 up until June 30, 2017 only. This action resolves the June

27, 2017, Notice of Violation issued by the NJDEP. Since July 1, 2017, the Required Quantitation Level of 0.02 mg/L is applicable. With respect to SBRSA's request for a stay of implementation of the Sufficiently Sensitive Test Methods Rule (SSTM); reinstitution of the prior Quantitation Levels and establishment of a compliance schedule, NJDEP has denied SBRSA's request for a stay.

This matter has been assigned to Judge Tricia Caliguire and DAG Jacobine Dru. A prehearing conference was held on November 27, 2017 wherein the parties discussed the outstanding issues. The next status conference will be held on January 31, 2018.

A conference call was held between representatives of the SBRSA and NJDEP on April 10, 2018 wherein the contested issues were discussed. Briefly stated, NJDEP is working to resolve the contested nitrate issue which remains stayed in the interim; additional discussion of the Blending/Plant Protection Line is required between NJDEP and EPA; CPO will be addressed by SBRSA and NJDEP will work with SBRSA relative to the timeline for upgrade of the SBRSA's disinfection system; and NJDEP is currently working on a table of Quantitation Levels to address issues relevant to compliance with the Sufficiently Sensitive Test Methods Rule (SSTM).

DAG Jacobine Dru contacted me in advance of the next status conference with Judge Caliguire scheduled for June 26, 2018. DAG Dru advised me 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 will be conveyed to Judge Caliguire on June 26th and SBRSA's hearing request will proceed to hearing on the issue of Nitrates.

A telephone conference was held on September 17, 2018, with respect to the appeal of the permit modification which amended the CPO effluent limitation from 0.01 mg/L to 0.02 mg/L (SSTM issue). The matter had been assigned to Judge Caliguire and DAG Jacobine Dru. During the telephone conference, it was determined that a request for consolidation of the permit modification matter and NJDEP permit appeal should be submitted to the court. Judge Caliguire advised that she will grant this request and the matters will be consolidated. The next status conference is scheduled for October 2, 2018. While settlement negotiations continue, the hearing in this matter is currently scheduled for December 10, 2018, December 12, 2018 and December 14, 2018, if the parties cannot resolve the outstanding issues.

As a result of a written request and subsequent telephone conference with Judge Caliguire, the hearing in this matter scheduled for December 10, 2018, December 12, 2018 and December 14, 2018, was adjourned while the parties continue to work to resolve the outstanding issues. The next status conference is scheduled for March 11, 2019 at 3:30 pm.

A status conference was held on March 11, 2019 wherein the status of negotiations of the contested issues was discussed. It was agreed upon that the matter would be placed on the inactive list for 6 months. An Order of Inactivity was signed by Judge Caliguire on March

20, 2019. During this period, the parties are expected to continue to work to resolve the outstanding issues.

II. Hopewell NJPDES Permit Concerns

On July 1, 2014, NJDEP issued a Final Surface Water Renewal Permit for the upstream Hopewell facility. This renewal carries forward issues unresolved from the draft, including Nitrate limitations. On August 4, 2014, a Request for Hearing and Stay of the contested permit limitations was filed on behalf of the SBRSA. The issues identified included: Nitrates and Capacity Assurance Program Implementation.

During the status conference of February 22, 2016, the outstanding issues were discussed and DAG Jacobine Dru advised that the Tiered Use Rule has not yet satisfied the first state of rulemaking (publication of the rule proposal) and that the second stage (publication of the final rule) is scheduled to occur sometime in 2017. Accordingly, Judge James-Beavers placed the matter on the inactive list for 6 months anticipating that during that time the Tiered Use Rule proposal would advance to publication. In the interim, the parties were encouraged to address those issues, if any, that are unaffected by the Tiered Use Rule. In this matter, other than Nitrates, the remaining issue is the Capacity Assurance Program Implementation requirements. The Draft Capacity Assurance Rules were promulgated in November, 2015 and are anticipated to be adopted in the spring of 2016. The next status conference is scheduled for September 7, 2016.

On September 7, 2016, during a telephone conference held in advance of the status conference with Judge James-Beavers, the parties discussed the outstanding issues (Capacity Assurance Program conditions and Nitrate effluent limitations) and NJDEP agreed that with respect to the issue of Capacity Assurance, the Department would approve a twelve month rolling average period in lieu of the 3-month rolling average currently contained in the permit to be used to determine if the Capacity Assurance Program requirements were triggered. With respect to the issue of Nitrates, the “Tiered Use Rule” proposal has been renamed the “Drinking Water Intake Protection (DWIP) Rule” and is anticipated to be proposed by the end of the year with adoption possibly in late 2017. The successful resolution of the Capacity Assurance Program issue was relayed to Judge James-Beavers, as well as the time frame for the DWIP Rule, and Judge James-Beavers placed the matter on the inactive list for a period of six (6) months.

On February 14, 2017, Association of Environmental Authorities (AEA) representatives, including myself, John Kantorek and Jim Cosgrove, met with NJDEP to discuss Sufficiently Sensitive Test Methods (SSTM) concerns, Water Quality Standards for Arsenic and the status of the DWIP Rule. The discussion was initiated by the AEA, an organization that endeavors to advocate for and advance the interests of its members, including water and wastewater authorities. The parties made significant progress toward resolution of these issues. NJDEP has advised that the DWIP Rule is a high priority for the Department. Additionally, a status conference was held on March 15, 2017, with Judge James-Beavers and DAG Jacobine Dru, wherein the litigation filed by SBRSA was placed

back onto the inactive list for six (6) months. The next status conference before Judge James-Beavers is scheduled for September 18, 2017.

A status conference call before Judge James-Beavers occurred on September 18, 2017, wherein the Judge was apprised of the status of the outstanding issues. The next status conference is scheduled for December 18, 2017.

As I advised the Board at the December 18th Board Meeting, a status conference call with Judge James-Beavers occurred on December 18, 2017, wherein the Judge was apprised of the status of the outstanding issues. The status conference scheduled for March 21, 2018 was adjourned due to a snowstorm and has been rescheduled for July 25, 2018.

On April 27, 2018, NJDEP issued a Pre-draft NJPDES Permit proposing to remove the Nitrate effluent limitations and addressing the Capacity Assurance Program 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.

A telephone conference was held on September 19, 2018, with respect to the appeal of the permit for the upstream facilities. DAG Dru advised the court that NJDEP has not yet issued the final permit, but that it intends to do so.

A telephone conference was held on January 9, 2019, with respect to the appeal of the permit for the upstream facilities. DAG Dru advised the court that NJDEP has not yet issued the final permit, and that it was under legal review, and that NJDEP intends to issue the same shortly.

The final permit was issued on February 7, 2019 and has been reviewed to confirm that it favorably addresses the contested issues raised by SBRSA. Since the permit favorably resolves all contested issues, it is recommended that the matter be withdrawn upon execution of the Stipulation of Settlement proposed by the NJDEP. Upon receipt of a fully executed settlement document, our office will withdraw the hearing request and request that the status conference scheduled for May 8, 2019 be adjourned with respect to the Hopewell STP NJPDES permit appeal.

A status conference was held on May 8, 2019 wherein the status of the Stipulation of Settlement was discussed. All issues have been resolved and a new final permit issued. The settlement document is anticipated to be released soon. The next status conference is scheduled for September 10, 2019.

III. Pennington NJPDES Permit Concerns

On July 1, 2014, NJDEP issued a Final Surface Water Renewal Permit for the upstream Pennington facility. A Request for an Adjudicatory Hearing and Stay of the contested permit limitations was filed on August 8, 2014. Issues contested included: Drinking Water Related Effluent Limitations - Nitrate, Arsenic, Total Dissolved Solids (TDS), and Dichlorobromomethane (DCBM) Limits; Summer Ammonia Limitations; Chronic Whole Effluent Toxicity Limitations; Capacity Assurance Program Implementation and Imposition of Final Phase effluent limitations.

During the status conference of February 22, 2016, the outstanding issues were discussed. Chronic Whole Effluent Toxicity Limitations had been resolved through a permit modification. DAG Jacobine Dru advised that the Tiered Use Rule had not yet satisfied the first state of rulemaking (publication of the rule proposal) and that the second stage (publication of the final rule) is scheduled to occur sometime in 2017. Accordingly, Judge James-Beavers placed the matter on the inactive list for 6 months anticipating that during that time, the Tiered Use Rule proposal would advance toward publication and address the Nitrate issue. In the interim, the parties were encouraged to address those issues, if any, that are unaffected by the Tiered Use Rule. In this matter, those other remaining issues are: Dichlorobromomethane (DCBM) Limits; Summer Ammonia Limitations; Capacity Assurance Program Implementation and Imposition of Final Phase effluent limitations. With respect to Capacity Assurance Program Implementation issues, the Draft Capacity Assurance Rules were promulgated in November, 2015 and are anticipated to be adopted in the spring of 2016. The next status conference is scheduled for September 7, 2016.

On September 7, 2016, during a telephone conference held in advance of the status conference with Judge James-Beavers, the parties discussed the outstanding issues (Dichlorobromomethane (DCBM) Limits; Summer Ammonia Limitations; Capacity Assurance Program Implementation and Imposition of Final Phase effluent limitations and Nitrate effluent limitations). SBRSA advised that DCBM would be addressed within the context of a contemplated plant upgrade, thus resolving that issue. NJDEP agreed that the Summer Ammonia Limitation could be modified as requested by SBRSA. With respect to the issue of Capacity Assurance, the Department agreed to approve a twelve month rolling average period in lieu of the 3-month rolling average currently contained in the permit. The 12-month average period would be used to determine if the Capacity Assurance Program requirements were triggered. With respect to the imposition of the final phase effluent, more stringent, effluent limitations, NJDEP would revisit that issue based upon SBRSA's concerns and consider a different mechanism to initiate the imposition of the final, more stringent, effluent limitations than flow alone.

With respect to the issue of Nitrates, the "Tiered Use Rule" proposal has been renamed the "Drinking Water Intake Protection (DWIP) Rule" and is anticipated to be proposed by the end of the year with adoption possibly in late 2017. The successful proposed resolution of some of the outstanding issues was relayed to Judge James-Beavers, as well as, the time frame for the DWIP Rule. Judge James-Beavers placed the matter on the inactive list for a period of six (6) months.

On February 14, 2017, Association of Environmental Authorities (AEA) representatives, including myself, John Kantorek and Jim Cosgrove, met with NJDEP to discuss Sufficiently Sensitive Test Methods (SSTM) concerns, Water Quality Standards for Arsenic and the status of the DWIP Rule. The discussion was initiated by the AEA, an organization that endeavors to advocate for and advance the interests of its members, including water and wastewater authorities. The parties made significant progress toward resolution of these issues. NJDEP has advised that the DWIP Rule is a high priority for the Department. Additionally, a status conference was held on March 15, 2017, with Judge James-Beavers and DAG Jacobine Dru, wherein the litigation filed by SBRSA was placed back onto the inactive list for six (6) months. The next status conference before Judge James-Beavers is scheduled for September 18, 2017.

A status conference call before Judge James-Beavers occurred on September 18, 2017, wherein the Judge was apprised of the status of the outstanding issues. The next status conference is scheduled for December 18, 2017.

As I advised the Board at the December 18th Board Meeting, a status conference call with Judge James-Beavers occurred on December 18, 2017, wherein the Judge was apprised of the status of the outstanding issues. The status conference scheduled for March 21, 2018 was adjourned due to a snowstorm and has been scheduled for July 25, 2018.

A telephone conference was held on September 19, 2018, with respect to the appeal of the permit for the upstream facilities. DAG Dru advised the court that NJDEP is still reviewing a potential resolution of some or all of the outstanding issues, but has not yet finalized their proposal. The next status conference is scheduled for January 9, 2019.

A telephone conference was held on January 9, 2019, with respect to the appeal of the permit for the upstream facilities. DAG Dru advised the court that NJDEP continues to evaluate options to resolve the issues raised, but that NJDEP has not finalized its proposal at this time.

A status conference was held on May 8, 2019 wherein DAG Dru again advised the court that the prior solutions being considered, with respect to the remaining TDS issue, were not sufficient to fully resolve the issue and that NJDEP continues to evaluate other options to resolve the issues raised. Negotiations are continuing.

IV River Road Title V Air Permit

An Adjudicatory Hearing Request and Request for Stay of Enforcement was filed on behalf of SBRSA on June 5, 2018 to address the bypass stack issues contained in the Title V Operating Permit BOP060003, 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 SBRSA's 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.

Although the Significant Modification to the Title V Air Permit issued by NJDEP on May 17, 2018, advised that SBRSA had 20 days to file a request for an adjudicatory hearing, SBRSA was advised during a telephone conference with NJDEP on July 12, 2018, that it must refile the hearing request upon receipt of a “final” Significant Modification. The same was received on July 16, 2018 and we are in the process of re-submitting the hearing request. SBRSA received additional information from James Scarvalli, Acting Manager, Air Compliance and Enforcement, NJDEP, on July 19, 2018, regarding the bypass issue and affirmative defenses, which is currently under review.

On August 31, 2018, SBRSA received a Notice of Violation (NOV) dated August 27, 2018, alleging violations of the Clean Air Act, Subpart LLL. The NOV principally alleges that SBRSA failed to comply with the Emissions Guidelines in that SBRSA failed to continuously meet the emissions limitations by operation of the by-pass stacks, and accordingly, SBRSA did not comply with Subpart LLL by the compliance date of March 21, 2016, and continues to be out of compliance. This issue is the same issue that is currently appealed to the Office of Administrative Law. The NOV also alleges that SBRSA failed to submit required documents to USEPA. SBRSA denies that its actions constitute violations of the Clean Air Act and requested a meeting with USEPA and NJDEP to defend the legality of the operation of the emergency by-pass stacks, previously approved by USEPA/NJDEP, to protect SBRSA employees and avoid the risk of damage to the facility.

An extensive response to the EPA NOV letter was submitted to USEPA/NJDEP on October 24, 2018. A meeting was held with Ms. Anhthu Hoang, Assistant Regional Counsel, and representatives from USEPA and NJDEP, at USEPA’s Offices in New York on October 25, 2018, wherein the issues alleged in the NOV were discussed. A supplemental response addressing questions raised at the meeting of October 25, 2018, is currently being prepared.

The response addressing questions raised at the meeting of October 25, 2018, was submitted to USEPA on December 20, 2018. Coincidentally, a request for additional information was received from USEPA by email on December 20, 2018. SBRSA is currently preparing a response to that inquiry. SBRSA’s response addressing questions subsequently received from USEPA, was submitted to USEPA on March 15, 2019.

STONY BROOK REGIONAL SEWERAGE AUTHORITY

Operations

To: Antonia Pchola, Executive Director

From: Robert Kunert, Plant Manager

Subject: Operations Report

Date: June 17, 2019

River Road Facility

The River Road Facility operated well during this reporting period.

During the week of May 13, 2019, Somerset Raritan Valley Sewerage Authority (SRVSA) sent us 100 cubic yards of sludge cake due to their Incinerator being down for repairs.

On May 19, 2019 we experienced a break in the underground 2-inch Effluent Flushing Water (EFW) pipe close to a hydrant that is next to our Headworks Biofilter. This 2-inch copper line is fed from the existing 4-inch line that runs throughout our plant site. The 2-inch pipe installation was part of the Headworks construction project. We received three (3) quotes for repair. The lowest quote, \$2,400/day, was from Speidel & Sons Contracting, Inc. We are in the process of scheduling this repair.

During the installation of the new motor operated valves which are located on the top level of the Incinerator area, sludge cake was inadvertently pumped to the off-line Incinerator (#1). The installation of these valves is part of the Schwing pump project. Staff rabbled this sludge out the bottom of Incinerator #1 and conveyed it to the sludge receiving bins via wheelbarrows and our frontend loader. Staff brought the Incinerator up to temperature and fed sludge to it for one day before burning out and cooling it down.

We received the inspection report for Incinerator #1 as prepared by Chavond-Barry. Staff is in the processing of reviewing this report.

On June 13, 2019, Operations staff went to the Princeton Pumping Station to collect the rags removed by our mechanical barscreen. The Operators reported that they removed thirteen (13) buckets of grease from the contained collection platform. I called PSOC and left a message asking that they return my call regarding this incident.

We experienced a power outage the morning of June 14, 2019, which lasted approximately 20 minutes. This outage affected the River Road Facility, the Princeton Pumping Station, and the South Brunswick Pumping Station. The emergency generators ran at all facilities without incident. According to PSE&G the outage occurred due to a problem with a transfer switch at one of their sub-stations.

Upstream Facilities

The Upstream Facilities operated well during this reporting period

Odors

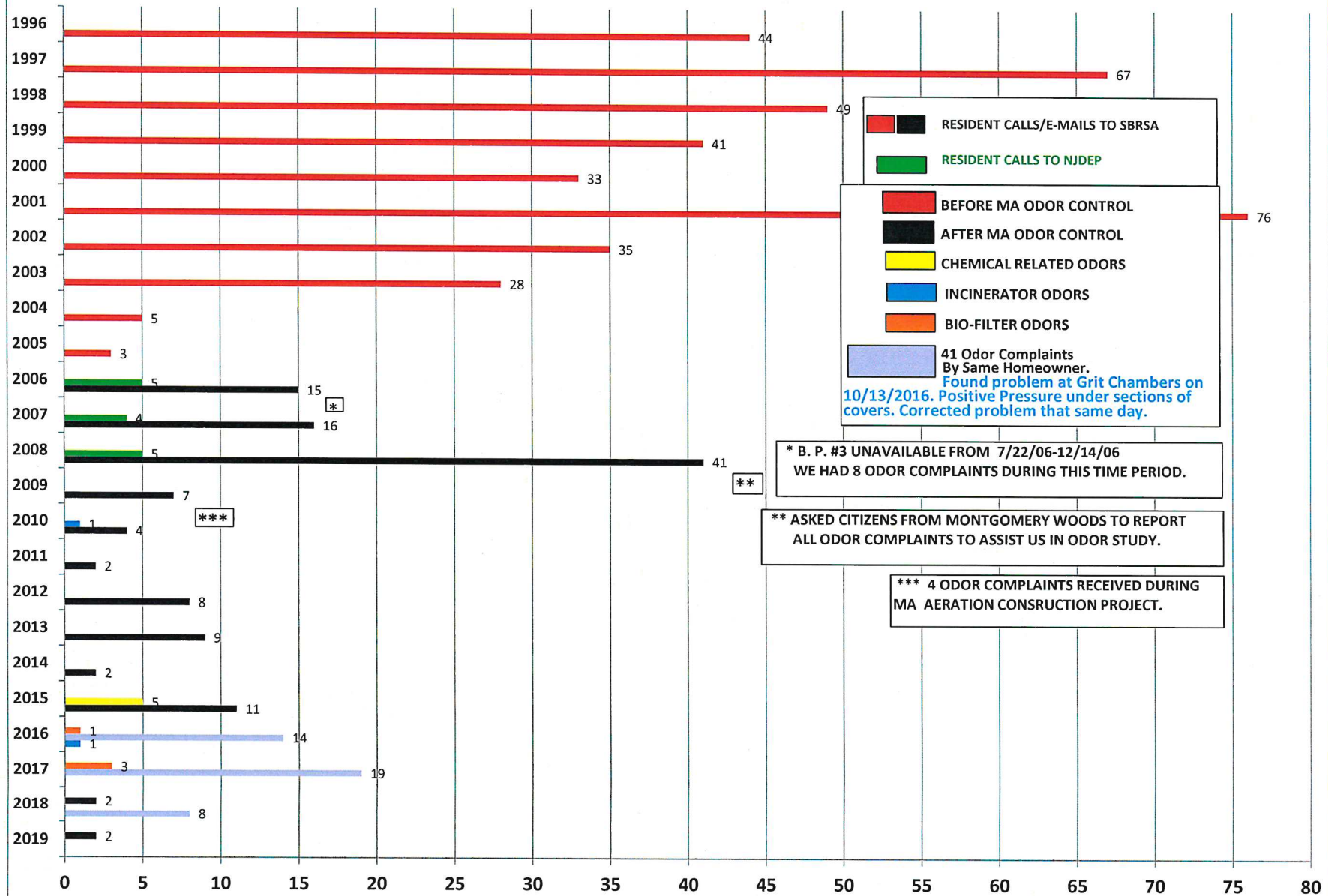
The staff received no **Odor Complaints** from our surrounding area during the month of May. We received no odor complaints during the partial June 2019 reporting period. The full June number will be reported in July 2019. The odor complaints appear on the graph showing the number of odor complaints received each year from January 1996 through present day June 2019.

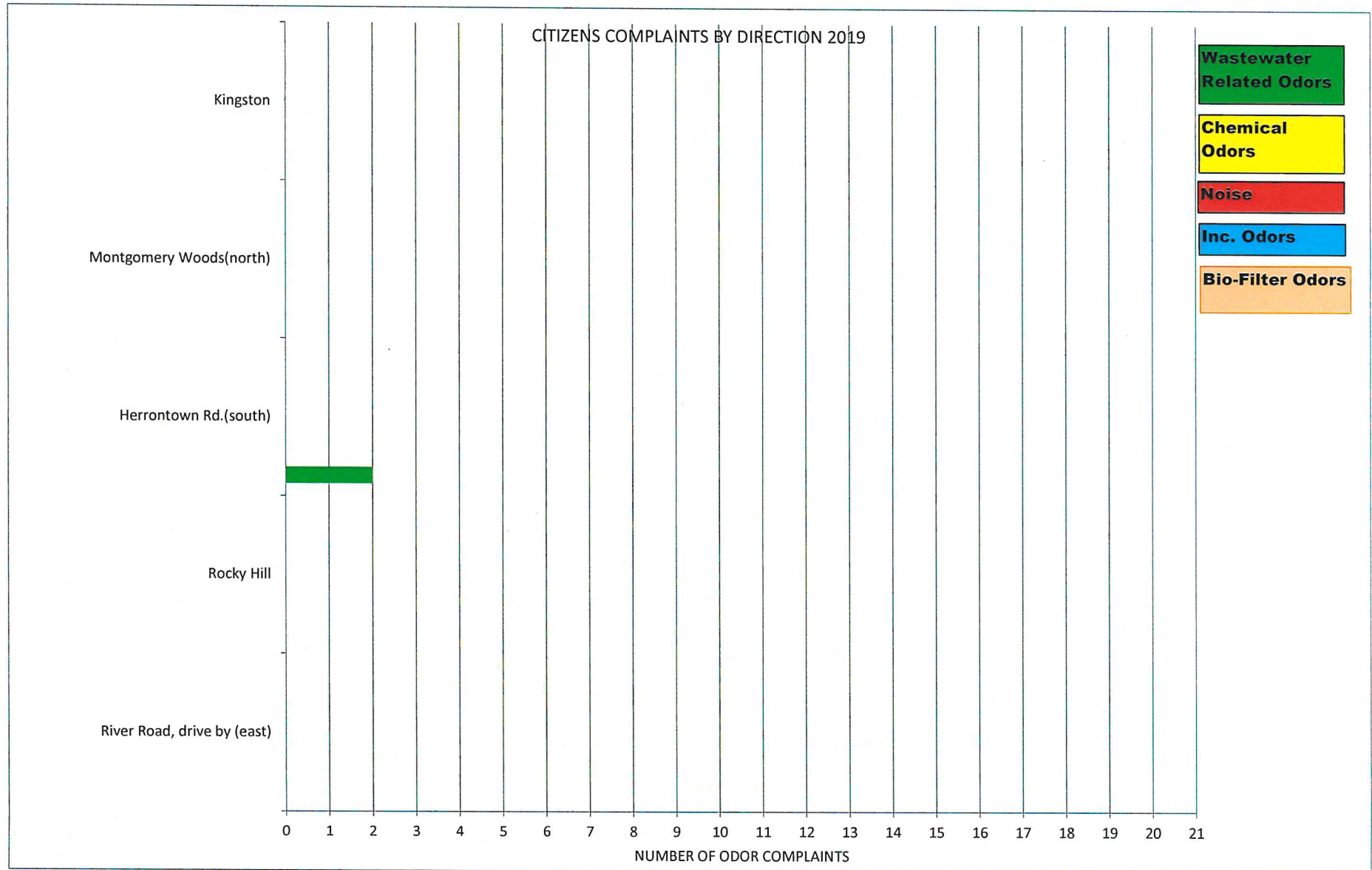
Customer Sludge and Gray Water for May 2019

	<u>Budget Amount</u>	<u>Amount Received</u>	<u>Difference</u>
Liquid sludge	1,166,667 Gallons	1,061,800 Gallons	- 9 %
Sludge cake	2,114 Cubic Yards	2,449 Cubic Yards	+ 16 %
Septage	0 Gallons	0 Gallons	0
Gray Water	58,333 Gallons	53,500 Gallons	- 8 %

Historic Sludge and Gray Water processing by month and year appear in Table - 1 which is included.

TOTAL YEARLY CITIZENS ODOR REPORTS 1996-2018





ODOR COMPLAINTS							
	DATE	TIME	NAME	ADDRESS	PHONE	WEATHER CONDITIONS WIND DIR, SPEED, REL HUMIDITY,TEMP,	DEP CASE # & OPERATOR #.
	yr-2019						
1	4/4/2019		Shelly Yedin	10 Beech Hill Circle, Princeton	609-577-7866	Rotten Eggs, 280, 44. deg	#190404095848, Op.#59
2	4/4/2019		Linda Solomon	18 Woods Way, Princeton		Rotten Eggs, 300, 0.9, 44. deg	#190404100539, Op.#59

Outside Sludge (gallons)

Month	*	2014	2015	2016	2017	2018	2019	Budget Vol. 2019
Dec	*	1,201,050	1,333,350	1,465,200	1,319,850	1,159,000	937,500	1,166,667
Jan	*	1,353,100	1,191,700	1,189,900	1,360,100	1,543,100	1,300,900	1,166,667
Feb	*	1,339,100	1,827,850	1,539,550	1,221,250	1,314,900	1,013,450	1,166,667
Mar	*	1,359,200	1,324,700	1,340,800	1,330,400	1,392,700	1,080,000	1,166,667
Apr	*	1,294,700	1,435,300	1,251,300	1,098,700	949,500	945,700	1,166,667
May	*	1,280,500	1,324,900	2,303,550	1,374,100	1,212,500	1,061,800	1,166,667
Jun	*	1,292,500	1,300,000	2,443,250	1,304,800	904,700		
Jul	*	1,461,200	1,253,950	2,018,550	922,700	890,400		
Aug	*	1,303,500	1,089,900	1,262,800	1,290,700	925,300		
Sep	*	1,215,250	1,151,000	1,259,400	1,222,500	854,700		
Oct	*	1,640,550	1,209,750	1,184,500	1,156,500	1,054,000		
Nov	*	1,145,650	1,134,000	1,336,400	1,213,200	959,800		
-	*							
Six Month	*							
Total	*	7,827,650	8,437,800	9,090,300	7,704,400	7,571,700	6,339,350	7,000,002
Annual Total	*	15,886,300	15,576,400	18,595,200	14,814,800	13,160,600		

Outside Sludge (cu. yds.)

Month	*	2014	2015	2016	2017	2018	2019	Budget Vol. 2019
Dec	*	3,350	4,069	2,384	3,495	2,379	2,232	2,114
Jan	*	3,812	3,958	2,276	3,623	2,419	2,454	2,114
Feb	*	3,098	3,018	2,321	3,207	2,164	2,422	2,114
Mar	*	3,120	3,334	3,859	3,145	2,351	2,632	2,114
Apr	*	3,350	3,436	3,636	3,352	2,324	2,864	2,114
May	*	3,381	2,599	2,948	3,710	3,000	2,449	2,114
Jun	*	3,681	2,554	2,900	3,465	2,922		
Jul	*	2,232	2,375	2,575	1,929	2,639		
Aug	*	2,841	2,120	3,205	1,815	2,571		
Sep	*	3,668	2,119	3,504	1,933	2,058		
Oct	*	2,824	2,143	3,470	2,456	2,234		
Nov	*	3,027	2,189	3,386	2,980	1,993		
-	*							
Six Month	*							
Total	*	20,111	20,414	17,424	20,532	14,637	15,053	12,684
Annual Total	*	38,384	33,914	36,464	35,110	29,054		

Septage (gallons)

Month	*	2014	2015	2016	2017	2018	2019	Budget Vol. 2019
Dec	*	0	0	0	0	0	0	0
Jan	*	0	0	0	0	0	0	0
Feb	*	0	0	0	0	0	0	0
Mar	*	0	0	0	0	0	0	0
Apr	*	0	0	0	0	0	0	0
May	*	0	0	0	0	0	0	0
Jun	*	0	0	0	0	0	0	0
Jul	*	0	0	0	0	0	0	0
Aug	*	0	0	0	0	0	0	0
Sep	*	0	0	0	0	0	0	0
Oct	*	0	0	0	0	0	0	0
Nov	*	0	0	0	0	0	0	0
-	*							
Six Month	*							
Total	*	0	0	0	0	0	0	0
Annual Total	*	0	0	0	0			

Gray Water (gallons)

Month	*	2014	2015	2016	2017	2018	2019	Budget Vol. 2019
Dec	*	43,000	49,000	105,800	74,000	50,000	34,000	58,333
Jan	*	60,000	30,000	26,000	108,500	35,000	57,000	58,333
Feb	*	39,000	28,000	82,500	118,000	57,900	41,000	58,333
Mar	*	60,000	40,000	54,000	91,000	56,000	73,000	58,333
Apr	*	64,000	50,000	57,000	48,500	48,000	40,000	58,333
May	*	48,000	92,000	62,500	58,500	44,000	53,500	58,333
Jun	*	71,000	81,000	71,000	66,000	63,000		
Jul	*	28,000	51,500	31,500	54,500	86,500		
Aug	*	28,000	74,000	62,000	51,000	42,000		
Sep	*	48,000	60,500	56,000	51,800	55,300		
Oct	*	45,000	47,000	80,500	36,000	44,000		
Nov	*	16,000	49,000	41,000	50,500	35,000		
-	*							
Six Month	*							
Total	*	314,000	289,000	387,800	498,500	290,900	298,500	349,998
Annual Total	*	550,000	652,000	729,800	808,300	616,700		

INC. #1 (3052)

DATE	REMARK	HOURUP	HOURDOWN	HOURAVAL
13-May-19	OFF	0	24	24
14-May-19	OFF	0	24	24
15-May-19	OFF	0	24	24
16-May-19	OFF	0	24	24
17-May-19	OFF	0	24	24
18-May-19	OFF	0	24	24
19-May-19	OFF	0	24	24
20-May-19	OFF	0	24	24
21-May-19	OFF	0	24	24
22-May-19	OFF	0	24	24
23-May-19	OFF	0	24	24
24-May-19	OFF	0	24	24
25-May-19	OFF	0	24	24
26-May-19	OFF	0	24	24
27-May-19	OFF	0	24	24
28-May-19	OFF	0	24	24
29-May-19	OFF	0	24	24
30-May-19	OFF	0	24	24
31-May-19	OFF	0	24	24
1-Jun-19	OFF	0	24	24
2-Jun-19	OFF	0	24	24
3-Jun-19	OFF	0	24	24
4-Jun-19	OFF	0	24	24
5-Jun-19	OFF	0	24	24
6-Jun-19	OFF	0	24	24
7-Jun-19	STARTED SCRUBBER SYSTEM; STARTED DRYING OUT PROCEDURE	0	24	24
8-Jun-19	BRINGING TEMPS UP TO BURN RANGE;	0	24	24
9-Jun-19	STARTED FEED@1910hrs. USING RTO; STOPPED FEED@2008hrs. DUE TO TEMPS IN THE BURN ZONE OF INC.; STARTED FEED@2103hrs; TOTAL TONS=21 WITH AVG. OF 5.4TONS/HR;	3.91	20.09	24
10-Jun-19	STOPPPED FEED@0630hrs. SO WE COULD SWITCH TO INC. #2; TOTAL TONS=40 WITH AVG. OF 6.7TONS/HR;	6	18	24
11-Jun-19	STARTED COOL DOWN OF INC.;	0	24	24
12-Jun-19	SHUT OFF EQUIPMENT	0	24	24
13-Jun-19	OFF	0	24	24
14-Jun-19	OFF	0	24	24

INC. #2 (3053)

DATE	REMARK	HOURUP	HOURDOWN	HOURAVAL
13-May-19	STARTED FEED@0545hrs. USING RTO; STOPPED FEED@1830hrs.DUE TO HIGH FLOWS; TOTAL TONS=78 WITH AVG. OF 6.3TONS/HR;	12.75	11.25	24
14-May-19	STARTED FEED@2030hrs. USING RTO; TOTAL TONS=16 WITH AVG. OF 4.5TONS/HR;	3.5	20.5	24
15-May-19	STOPPED FEED@1000hrs. SO MAINT. COULD REPLACE RABBLE TOOTH; STARTED FEED@1700hrs. USING RTO; TOTAL TONS=102 WITH AVG. OF 6TONS/HR;	17	7	24
16-May-19	TOTAL TONS=153 WITH AVG. OF 6.4TONS/HR USING RTO;	24	0	24
17-May-19	TOTAL TONS=147 WITH AVG. OF 6.1TONS/HR USING RTO;	24	0	24
18-May-19	STOPPED FEED@0630hrs. DUE TO LOW INVENTORY; STARTED FEED@1730hrs. USING RTO; TOTAL TONS=78 WITH AVG. OF 5.4TONS/HR;	14.5	9.5	24
19-May-19	TOTAL TONS=131 WITH AVG. OF 5.4TONS/HR USING RTO;	24	0	24
20-May-19	TOTAL TONS=123 WITH AVG. OF 5.1TONS/HR USING RTO;	24	0	24
21-May-19	TOTAL TONS=142 WITH AVG. OF 5.9TONS/HR USING RTO;	24	0	24
22-May-19	TOTAL TONS=147 WITH AVG. OF 6.1TONS/HR USING RTO;	24	0	24
23-May-19	STOPPED FEED@0130hrs. DUE TO SCHEDULED GENERATOR LOAD TEST; STARTED FEED@1230hrs. USING RTO; STOPPED FEED@1550hrs. DUE TO THUNDERSTORMS; STARTED@FEED@1810hrs. USING RTO; TOTAL TONS=64 WITH AVG. OF 5.3TONS/HR;	12.16	11.84	24
24-May-19	TOTAL TONS=147 WITH AVG. OF 6.1TONS/HR USING TRO;	24	0	24
25-May-19	STOPPED FEED@2230hrs. DUE TO LOW INVENTORY; TOTAL TONS=115 WITH AVG. OF 5.1TONS/HR;	22.5	1.5	24
26-May-19	INC. IDLE DUE TO LOW INVENTORY;	0	24	24
27-May-19	STARTED FEED@0430hrs. USING RTO; TOTAL TONS=95 WITH AVG. OF 4.9TONS/HR;	19.5	4.5	24

INC. #2 (3053)

DATE	REMARK	HOURUP	HOURDOWN	HOURAVAL
28-May-19	TOTAL TONS=130 WITH AVG. OF 5.4TONS/HR USING RTO;	24	0	24
29-May-19	STOPPED FEED@0400hrs. SO INC. PM COULD BE DONE;STARTED FEED@1300hrs. USING RTO; STOPPED FEED@1800hrs. DUE TO THUNDER STORMS; TOTAL TONS=62 WITH AVG. OF 6.8TONS/HR;	9	15	24
30-May-19	STARTED FEED@1300hrs. USING RTO; TOTAL TONS=60 WITH AVG. OF 5.4TONS/HR;	11	13	24
31-May-19	TOTAL TONS=139 WITH AVG. OF 5.8TONS/HR USING RTO;	24	0	24
1-Jun-19	TOTAL TONS=130 WITH AVG. OF 5.4TONS/HR USING RTO;	24	0	24
2-Jun-19	STOPPED FEED@2030hrs. DUE TO LOW INVENTORY AND THE SCHEDULE INSTALLATION OF NEW HIGH PRESS VALVES FOR INC. ON 6/3/19; TOTAL TONS=130 WITH AVG. OF 6.3TONS/HR USING RTO;	20.5	3.5	24
3-Jun-19	INC. IDLE DUE TO THE INSTALLATION OF THE HIGH PRESSURE VALVES;	0	24	24
4-Jun-19	STARTED FEED@0038hrs. USING RTO; TOTAL TONS=141 WITH AVG. OF 6TONS/HR;	23.36	0.64	24
5-Jun-19	STOPPED FEED@0330hrs. FOR HIGH PRESSURE VALVE INSTALLATION AND TESTING; STARTED FEED@1330hrs. USING RTO; TOTAL TONS=87 WITH AVG. OF 6.2TONS/HR;	14	10	24
6-Jun-19	TOTAL TONS=117 WITH AVG. OF 4.9TONS/HR USING RTO;	24	0	24

INC. #2 (3053)

DATE	REMARK	HOURUP	HOURLDOWN	HOURLAVAL
7-Jun-19	STOPPED FEED@0630hrs. DUE TO LOW INVENTORY; STARTED FEED@1330hrs. USING RTO; LOST FEED@1654hrs. DUE TO SCRUBBER SYSTEM MALFUNCTION; BY-PASS STACK OPENED; CLOSED BY-PASS STACK@1658hrs AND PROCEEDED WITH BURN OUT OF INC. THE BY-STACK OPENED AGAIN@1713hrs. DURING BURN OUT CAUSED BY ANOTHER SCRUBBER SYSTEM MALFUNCTION; CLOSED BY-PASS STACK@1717hrs. AND COMPLETED BURN OUT; TOTAL TONS=59 WITH AVG. OF 5.9TONS/HR;;	9.9	14.1	24
8-Jun-19	HOT IDLE; STARTED FEED TO INC. #1;	0	24	24
9-Jun-19	HOT IDLE; STARTED FEED TO INC. #1;	0	24	24
10-Jun-19	FEED WAS STOPPED TO INC. #1@0630hrs; STARTED FEED TO INC. #2 AT 1630hrs. USING ROT; TOTAL TONS=44 WITH AVG. OF 5.8TONS/HR;	7.5	16.5	24
11-Jun-19	TOTAL TONS=158 WITH AVG. OF 6.5TONS/HR USING RTO;	24	0	24
12-Jun-19	STOPPED FEED@0530hrs. DUE TO PROBLEM WITH TRACE UNIT;STARTED FEED@1215hrs. USING RTO; TOTAL TONS=115 WITH AVG. OF 6.7TONS/HR;	17.25	6.75	24
13-Jun-19	STOPPED FEED@1410hrs. DUE TO NO COMMUNICATION WITH RTO; STARTED FEED@1728hrs. USING RTO;STOPPED FEED@1844hrs. DUE TO THE WESP NOT UP DATING; STARTED FEED@2030hrs; TOTAL TONS=117 WITH AVG. OF 6.2TONS/HR;	18.9	5.1	24



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Robert B. Helbell, P.E., L.S. & P.P.
Daniel A. Nagy, L.S. & P.P.
Samuel D. Costanzo, P.E. & P.P.

May 10, 2019

Mr. Robert Kunert, WWTP Manager
Stony Brook Regional Sewerage Authority
290 River Road
Princeton, New Jersey 08540

Subject: Hopewell Township
Princeton Farms PS Monthly Report

Dear Mr. Kunert:

This is the Hopewell monthly report for April 2019 for the Princeton Farms PS. The pumping station is functioning properly at this time and there are no mechanical or other problems being reported. We are investigating replacing the effluent flow meter.

Please call me at (609) 689-1100 with any questions or comments.

Very truly yours,

A handwritten signature in black ink, appearing to read 'Chris Jepson', is written over the typed name.

Chris Jepson, P.E.

Cc: David Guerard, Hopewell

Please Reply To:

SOUTHCENTRAL NJ OFFICE • 4 AAA Drive • Suite 103 • Hamilton NJ 08691 • 609.689.1100 • Fax: 609.689.1120

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June 5, 2019

Mr. Robert Kunert, WWTP Manager
Stony Brook Regional Sewerage Authority
290 River Road
Princeton, New Jersey 08540

Subject: Hopewell Township
Princeton Farms PS Monthly Report

Dear Mr. Kunert:

This is the Hopewell monthly report for May 2019 for the Princeton Farms PS. The pumping station is functioning properly at this time and there are no mechanical or other problems being reported.

Please call me at (609) 689-1100 with any questions or comments.

Very truly yours,

A handwritten signature in black ink, appearing to read "Chris Jepson", written over a horizontal line.

Chris Jepson, P.E.

Cc: David Guerard, Hopewell

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STONY BROOK REGIONAL SEWERAGE AUTHORITY

Maintenance

TO: Antonia Pchola, Executive Director

FROM: J. W. Ireland, Assistant Plant Manager

DATE: June 14, 2019

SUBJECT: Maintenance Report

On May 22, 2019 the Effluent Flushing Water (EFW) Pumps were taken offline to replace a failed three-inch service valve and a two-inch valve downstream of the larger valve, that supplies water to the Sludge Cake Building. After the installation and testing of the valves were completed, the EFW system was placed back into service.

On May 29, 2019 during a routine check at the Millstone Pump Station, a 1-1/2-inch copper line (on the wet well side) was found to be severely corroded and had multiple leaks. This service line is used for washdown water. A new copper line was installed along with new wall brackets and a new valve. The line was tested and ready for use as needed.

Scott Testing was called in on May 30, 2019 to make electrical repairs on Panel Board C-2 that was found to be reading voltage on the neutral wire which was discovered while installing a new motor on the roof exhaust fan. A shut down of all equipment on Panel Board C-2 was required to make the necessary repairs. The neutral terminal located in the panel was found to have a corroded mounting clamp. The clamp was removed and replaced with a new one. Once the repairs were made, the panel board was re-energized and all equipment was placed back into service.

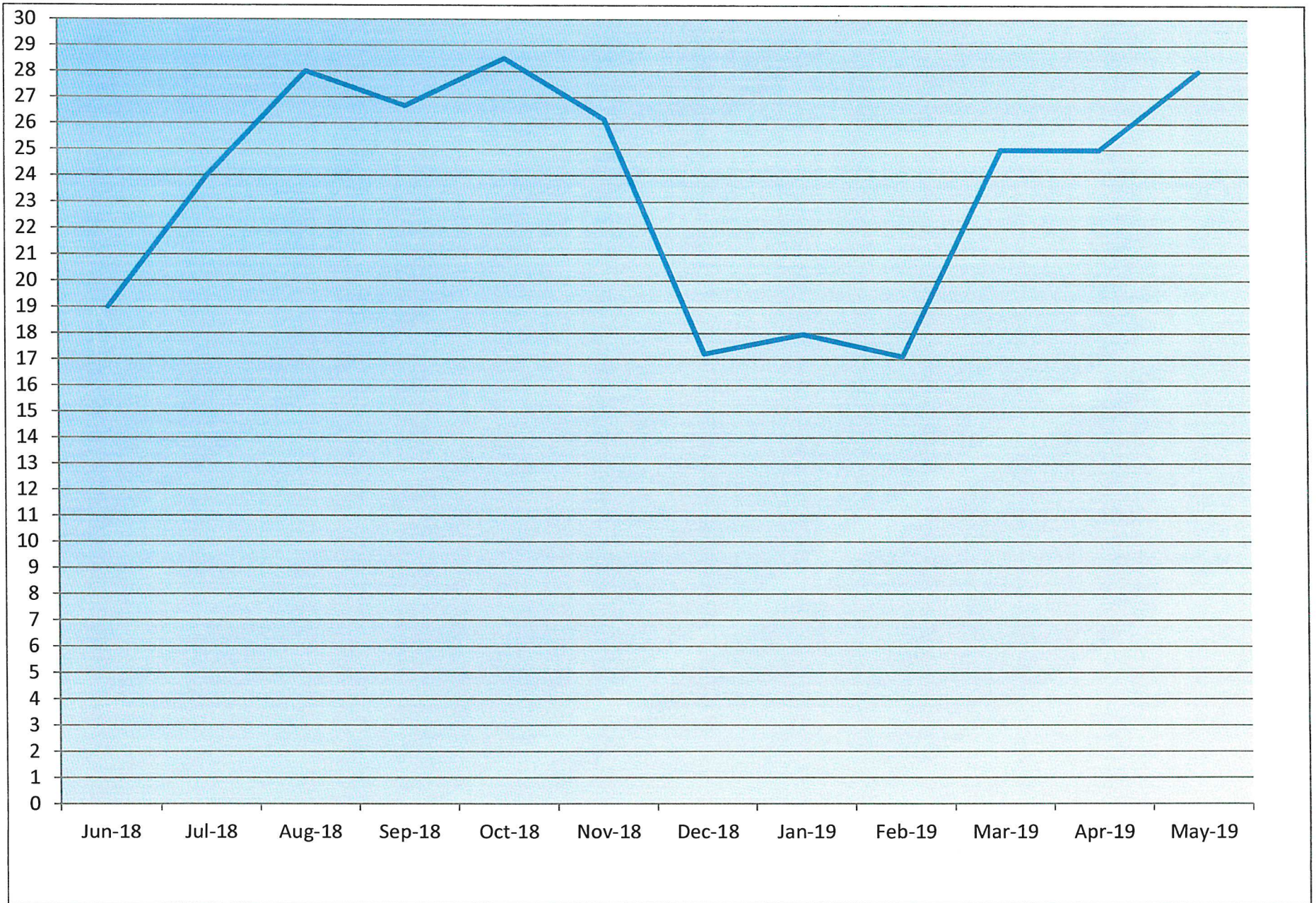
A new exhaust fan was installed on June 11, 2019 in the Septage Building Oil Room with a timer relay that will allow the fan to automatically cycle. This was a recommendation in the 2018 Kleinfelder Report.

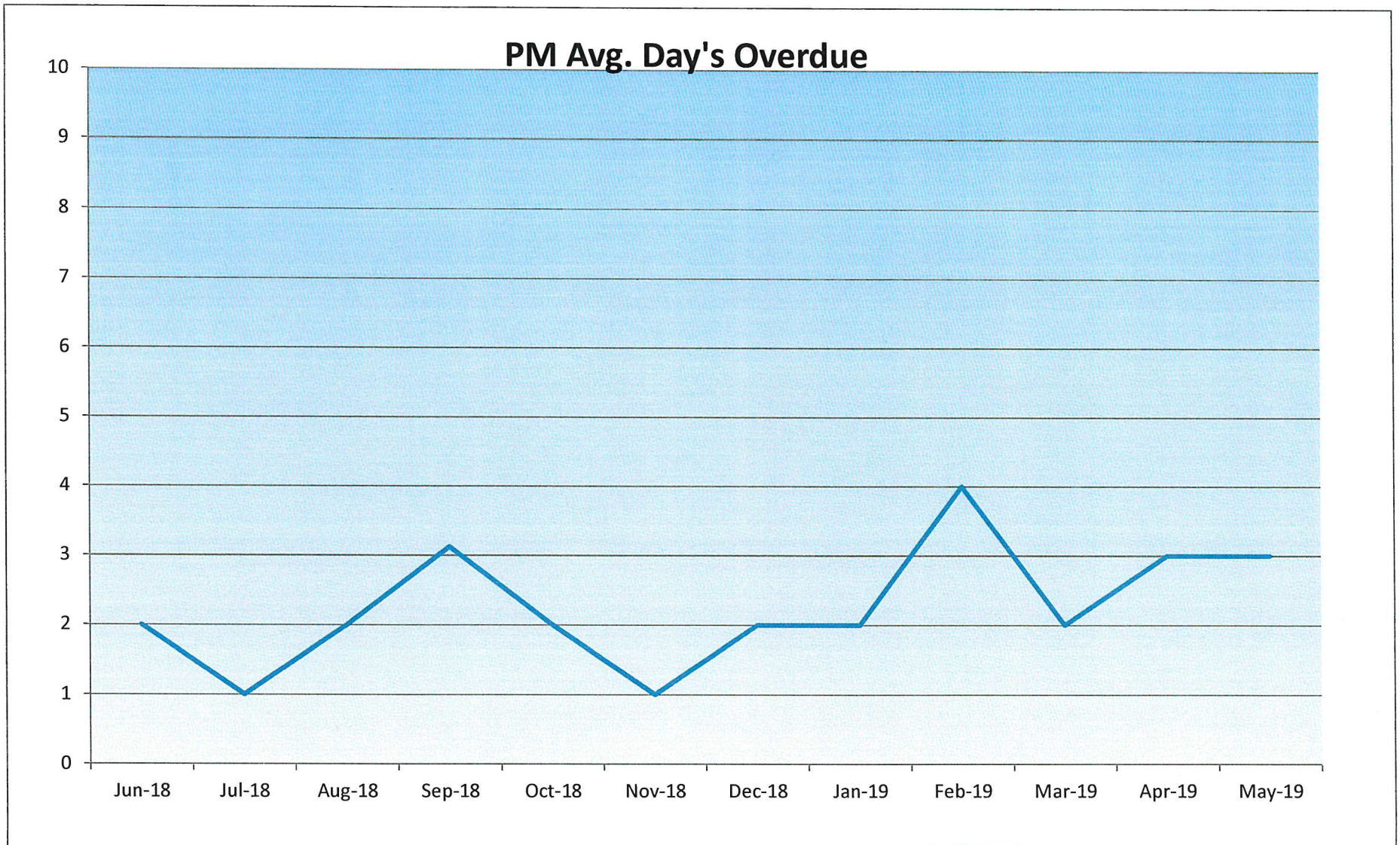
Attached to this report are several graphs that monitor our monthly progress. The current monthly open work requests stand at twenty-eight (28). On the Preventive Maintenance graphs, we currently are averaging three (3) days overdue and the number of overdue units is approximately five (5).

In addition to the graphs, attached is a list of completed Work Orders and Preventive Maintenance for the month of May 2019.

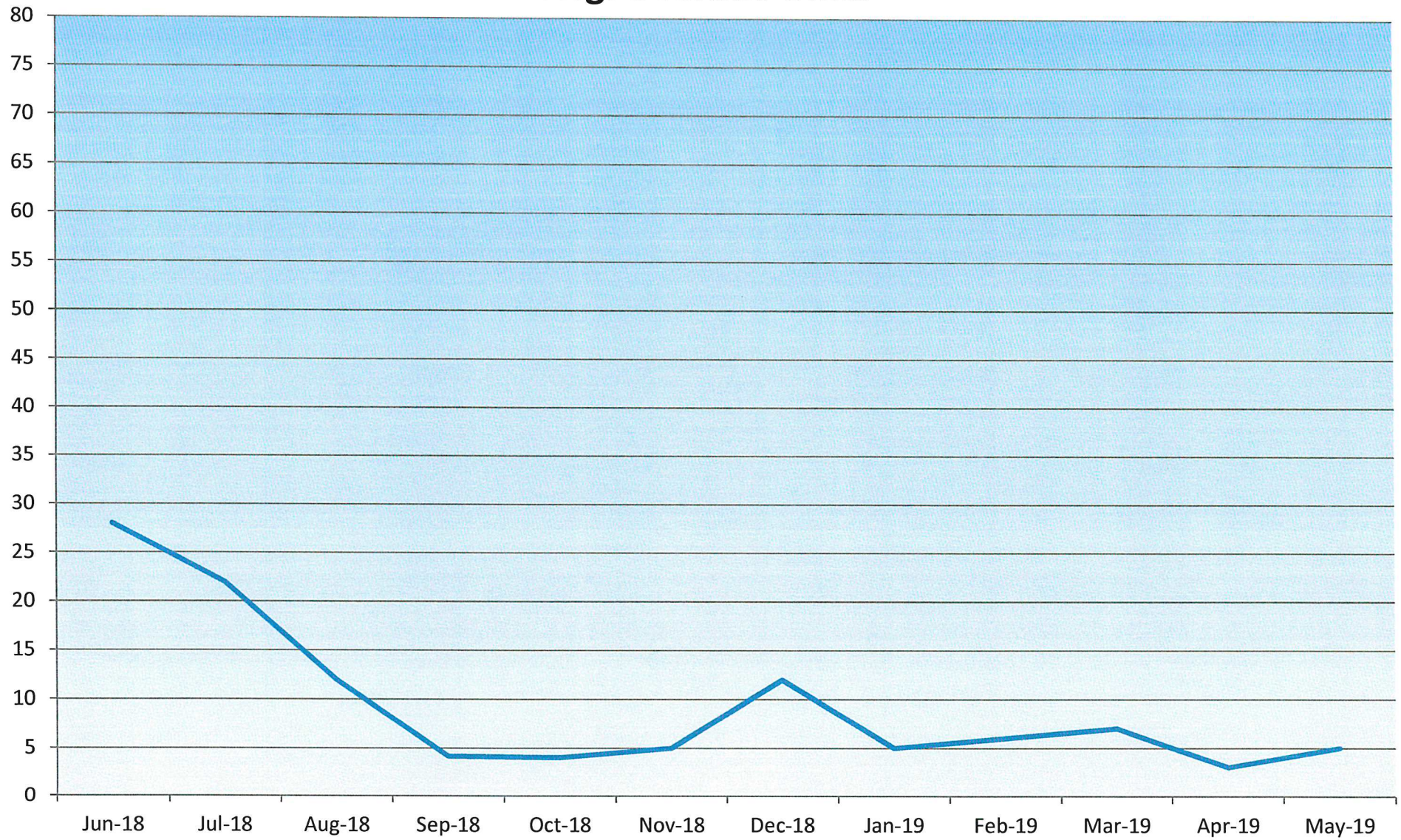
Average Monthly Open Work Requests

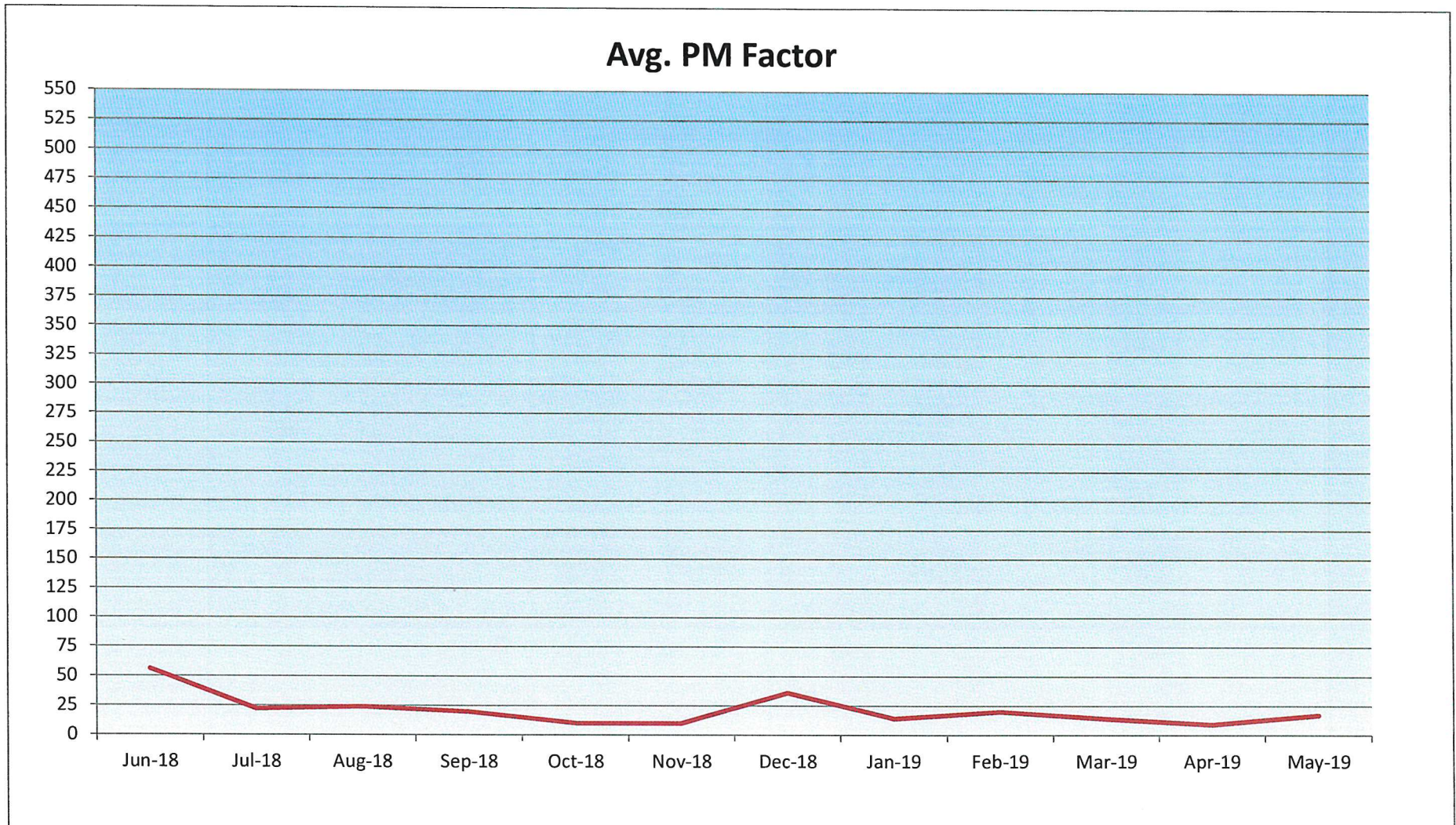
118





PM Avg. Overdue Units





PM Factor = PM Avg. Units Overdue x PM Avg. Day's Overdue

Work Orders Completed For May 2019

122

ID#	Asset ID#	Asset Description(s)	Description	Work Order Group	Work Order Type	Date Done
WKO-09813	MPS-WW	Wet Well	Weekly - Wet Well Clean Up	Operations	House Keeping	5/1/2019
WKO-09811	SPS-WW	Wet Well	Weekly - Wet Well Clean Up	Operations	House Keeping	5/1/2019
WKO-09855	HOP-OPS	Operation Bldg	Replace Emergency Light	Maintenance	Electrical - Lighting	5/1/2019
WKO-09856	RRP-ET	Engineering Trailer	Replace Emergency Light	Maintenance	Electrical - Lighting	5/1/2019
WKO-09854	RRP-FLB-F-4	Filter 4	Clean nozzles on surface wash arm	Maintenance	Mechanical	5/1/2019
WKO-09845	RRP-GND-G	River Road Plant General	Daily - Acting Lead Mechanic Duties	Maintenance	Mechanical	5/1/2019
WKO-09857	RRP-OPB-BFP-2	Belt Filter Press 2	Bubble In Belt	Maintenance	Mechanical	5/1/2019
WKO-08834	RRP-CMB-FOT	Fuel Oil Tank	Fuel tank alarm	Safety	Safety	5/1/2019
WKO-09812	PPS-WW	Wet Well	Weekly - Wet Well Clean Up	Operations	House Keeping	5/2/2019
WKO-09865	RRP-CMB-MARSP-2	MA Return Sludge Pump 2	Not Pumping	Maintenance	Mechanical	5/2/2019
WKO-09867	RRP-LSOCB-400SB-1	400 Scrubber Blower 1	Change Belts	Maintenance	Mechanical	5/2/2019
WKO-09792	RRP-OPB-BFP-OCF-1, RRP-OPB-BFP-OCF-2	Belt Filter Press Odor Control Fan 1, Belt Filter Press Odor Control Fan 2	Odor control Fan is Not Working.	Maintenance	Mechanical	5/2/2019
WKO-09852	RRP-RTO-G	Regenerative Thermal Oxidizer General Equipment	Making Noise	Maintenance	Mechanical	5/2/2019
WKO-09869	RRP-MS	Maintenance Shop	Emergency Light Repair	Maintenance	Electrical - Lighting	5/2/2019
WKO-09816	RRP-OPB-INC-AP-1	Ash Pelletizer 1	Rebuild Unit	Maintenance	Mechanical	5/2/2019
WKO-09870	RRP-OPS	Operation Bldg	New LED Lights.	Maintenance	Electrical - Lighting	5/2/2019
WKO-09871	RRP-OPS	Operation Bldg	Secure Cabinet .	Maintenance	Mechanical	5/2/2019
WKO-09868	MC7-MTR	Meter Chamber 7 Meter	Next day follow-up flow meter verification of MC#7	Instrumentation	Instrumentation	5/2/2019
WKO-09887	RRP-FLB	Filter Bldg	Clean Tri-pods	Maintenance	House Keeping	5/3/2019
WKO-09886	RRP-FLB-F-5	Filter 5	Tightened surface wash clamp	Maintenance	Mechanical	5/3/2019
WKO-09876	RRP-GND-G	River Road Plant General	Daily - Acting Lead Mechanic Duties	Maintenance	Mechanical	5/3/2019
WKO-09889	RRP-MS	Maintenance Shop	Clean Shop.	Maintenance	House Keeping	5/3/2019
WKO-09880	RRP-OPB-FO	Front Office	Hot Water Not Shutting Off	Maintenance	Plumbing	5/3/2019
WKO-09864	RRP-GND-G	River Road Plant General	Daily - Acting Lead Mechanic Duties	Maintenance	Mechanical	5/3/2019
WKO-09943	RRP-HWB-BB-5, RRP-HWB-BB-6, RRP-HWB-BB-7, RRP-OCB-BB-1, RRP-OCB-BB-2, RRP-OCB-BB-3, RRP-OCB-BB-4	Biofilter Bed 1, Biofilter Bed 2, Biofilter Bed 3, Biofilter Bed 4, Biofilter Bed 5, Biofilter Bed 6, Biofilter Bed 7	Turn Filter Media Over With a Roller Tiller	Operations	Mechanical	5/4/2019
WKO-09849	RRP-OCB, RRP-SCB-CS	Carbon Scrubber, Odor Control Bldg	Quarterly - MA Biofilter Exhaust Pressure, Carbon Scrubber DP PM	Instrumentation	Instrumentation	5/6/2019
WKO-09910	PPS-WW	Wet Well	Exhaust Fan Not Working	Maintenance	Mechanical	5/6/2019
WKO-09911	PPS-WW	Wet Well	Trim Trees Away From Building	Maintenance	Landscaping	5/6/2019
WKO-09902	RRP-GND-G	River Road Plant General	Daily - Acting Lead Mechanic Duties	Maintenance	Mechanical	5/6/2019
WKO-09882	RRP-INC-HL1	Incinerator Hearth Level 1	Replace Emergency Light	Maintenance	Electrical - Lighting	5/6/2019
WKO-09883	RRP-INC-HL234	Incinerator Hearth Level 234	Replace Emergency Light	Maintenance	Electrical - Lighting	5/6/2019
WKO-09884	RRP-OPB-BFP	Belt Filter Press	Replace Emergency Light	Maintenance	Electrical - Lighting	5/6/2019
WKO-09907	RRP-OPB-BFP-2	Belt Filter Press 2	Rubber Strip Coming Off	Maintenance	Mechanical	5/6/2019
WKO-09908	RRP-OPB-INC-I-1	Incinerator 1	Air Leak	Maintenance	Mechanical	5/6/2019
WKO-09851	RRP-FLB-F-4	Filter 4	Limit Switch Issue	Instrumentation	Instrumentation	5/6/2019

ID#	Asset ID#	Asset Description(s)	Description	Work Order Group	Work Order Type	Date Done
WKO-09923	RRP-CMB	Chemical Bldg	Slop Sink Clogged	Maintenance	Plumbing	5/7/2019
WKO-09914	RRP-GND-G	River Road Plant General	Daily - Acting Lead Mechanic Duties	Maintenance	Mechanical	5/7/2019
WKO-09922	RRP-OPB-BFP-1	Belt Filter Press 1	Tray Fell	Maintenance	Mechanical	5/7/2019
WKO-09925	VEH-010	Chevy Silverado XT382B	Fixed Upstream Truck Tailgate	Maintenance	Vehicle Repairs	5/7/2019
WKO-09906	VEH-009	Chevy Silverado XT381B	Low Oil	Maintenance	Vehicle	5/8/2019
WKO-09912	VEH-015	GMC Sierra 2500HD XY603M	Truck Repairs	Maintenance	Maintenance	
WKO-09933	RRP-RTO-G	Regenerative Thermal Oxidizer General Equipment	Fix RTO Flame Relay Failure	Maintenance	Vehicle	5/8/2019
WKO-09916	PPS-WW	Wet Well	Weekly - Wet Well Clean Up	Instrumentation	Maintenance	
WKO-09917	MPS-WW	Wet Well	Weekly - Wet Well Clean Up	Instrumentation	Vehicle	5/8/2019
WKO-09915	SPS-WW	Wet Well	Weekly - Wet Well Clean Up	Instrumentation	Maintenance	
WKO-09921	RRP-CMB-MgOH-2	Magnesium Hydroxide Pump 2	Not Pumping	Operations	House Keeping	5/8/2019
WKO-09881	RRP-OPS	Operation Bldg	New Lights in Riches Office.	Operations	House Keeping	5/8/2019
WKO-09926	RRP-GND-G	River Road Plant General	Daily - Acting Lead Mechanic Duties	Operations	House Keeping	5/8/2019
WKO-09935	RRP-GND-G	River Road Plant General	Daily - Acting Lead Mechanic Duties	Maintenance	Mechanical	5/8/2019
WKO-09944	PEP-OPS-BASE-RSP-2	Return Sludge Pump 2	Replace leaking fittings	Maintenance	Mechanical	5/8/2019
WKO-09947	RRP-OPB-BFP-2	Belt Filter Press 2	Miss Alignment Alarm	Maintenance	Mechanical	5/9/2019
WKO-09799	RRP-OPB-BFP-2	Belt Filter Press 2	Control Pad Issue	Maintenance	Mechanical	5/9/2019
WKO-09942	MC7-MTR	Meter Chamber 7 Meter	Reposition ultrasonic transducer at MC#7	Instrumentation	Instrumentation	5/9/2019
WKO-09941	RRP-GND-G	River Road Plant General	Construct ultrasonic meter test plate	Instrumentation	Instrumentation	5/9/2019
WKO-09937	MC7-MTR	Meter Chamber 7 Meter	1-week follow-up verification of MC#7	Instrumentation	Instrumentation	5/9/2019
WKO-09940	RRP-OPB-BFP-2	Belt Filter Press 2	Replace Belts	Instrumentation	Instrumentation	5/9/2019
WKO-09904	RRP-FLB-F-1	Filter 1	Backwash Issue	Maintenance	Mechanical	5/9/2019
WKO-09909	RRP-OPB-INC-I-2	Incinerator 2	Thermocouple Issue	Maintenance	Mechanical	5/10/2019
WKO-09890	MPS-DW-P-4	Sewage Pump 4	Broken Grease Fitting	Maintenance	Mechanical	5/10/2019
WKO-09939	RRP-OPB-LAB	Lab	Install NEW Autoclave	Maintenance	Electrical	5/10/2019
WKO-09945	RRP-GND-G	River Road Plant General	Daily - Acting Lead Mechanic Duties	Maintenance	Miscellaneous	
WKO-09954	RRP-GND-G	River Road Plant General	Daily - Acting Lead Mechanic Duties	Maintenance	Mechanical	5/10/2019
WKO-09955	SPS-DW-DTG	Day Tank (Generator)	Low Coolant Temp Alarm Lit	Maintenance	Mechanical	5/13/2019
WKO-09956	RRP-OPB-BASE-TSP-2-VFD	Thick. Sludge Pump 2 VFD	Broken Discharge Pressure Gauge	Maintenance	Mechanical	5/13/2019
WKO-09959	RRP-SCB-SP-1, RRP-SCB-SP-2	Sump Pump 1, Sump Pump 2	Clean Out Check Valves and Pumps	Maintenance	Mechanical	5/13/2019
WKO-09960	RRP-MS	Maintenance Shop	Assemble Toolbox	Maintenance	Mechanical	5/13/2019
WKO-09961	RRP-OPS	Operation Bldg	Clear rain drains	Maintenance	House Keeping	5/13/2019
WKO-09962	VEH-010	Chevy Silverado XT382B	Return upstream truck	Maintenance	House Keeping	5/13/2019
WKO-09964	SPS-DW-P-1	Sewage Pump 1	Fix Pipe.	Maintenance	Vehicle	5/13/2019
				Maintenance	Mechanical	

ID#	Asset ID#	Asset Description(s)	Description	Work Order Group	Work Order Type	Date Done
WKO-09963	RRP-OPB-CEMS	CEMS Room	Emergency light E0013A in cems room is on	Maintenance	Electrical - Lighting	5/13/2019
WKO-09978	RRP-OPB-INC-FD-2	Furnace Drive 2	Replace Pins.	Maintenance	Mechanical	5/14/2019
WKO-09979	RRP-OPB-INC-FDS-2	Furnace Discharge Screw 2	Unit Clogged	Maintenance	Mechanical	5/14/2019
WKO-09980	RRP-OPB-INC-I-2	Incinerator 2	Pull Slag.	Maintenance	Incineration	5/14/2019
WKO-09970	MPS-BLDG-G, PPS-BLDG-G, SPS-BLDG-G	Millstone Pump Station Bldg, Princeton Pump Station Bldg, South Brunswick Pump Station Bldg	Exhaust Fan Check	Maintenance	Mechanical	5/14/2019
WKO-09965	RRP-GND-G	River Road Plant General	Daily - Acting Lead Mechanic Duties	Maintenance	Mechanical	5/14/2019
WKO-09764	RRP-FLB-F-1	Filter 1	Influent Gate Issue	Instrumentation	Instrumentation	5/14/2019
WKO-09966	SPS-WW	Wet Well	Weekly - Wet Well Clean Up	Operations	House Keeping	5/15/2019
WKO-09967	PPS-WW	Wet Well	Weekly - Wet Well Clean Up	Operations	House Keeping	5/15/2019
WKO-09968	MPS-WW	Wet Well	Weekly - Wet Well Clean Up	Operations	House Keeping	5/15/2019
WKO-09991	HOP-OPS, RRP-OPS	Operation Bldg	Taking pictures of AC Units	Maintenance	HVAC	5/15/2019
WKO-09981	PEP-PR11-ST	Sludge Trailer	Lift Sludge Trailer	Maintenance	Mechanical	5/15/2019
WKO-09983	RRP-GND-G	River Road Plant General	Daily - Acting Lead Mechanic Duties	Maintenance	Mechanical	5/15/2019
WKO-09992	RRP-INC-FD-2-VFD	Furnace Drive 2 VFD	Replace shear pin	Maintenance	Mechanical	5/15/2019
WKO-09988	RRP-OPB-BFP-2	Belt Filter Press 2	Bubble In Belt	Maintenance	Mechanical	5/15/2019
WKO-09985	RRP-OPB-INC-I-2	Incinerator 2	Change Pins on End Teeth	Maintenance	Incineration	5/15/2019
WKO-09997	RRP-GND-G	River Road Plant General	Name Plate Data	Maintenance	Data collection	5/16/2019
WKO-09994	RRP-GND-G	River Road Plant General	Daily - Acting Lead Mechanic Duties	Maintenance	Mechanical	5/16/2019
WKO-09999	RRP-INC-BASE	Incinerator Basement	Change Broken Valve.	Maintenance	Mechanical	5/16/2019
WKO-09932	RRP-OPB-BASE-HB	Hoffman Blower	Install Floor/Cage	Maintenance	Construction - Carpentry	5/16/2019
WKO-10001	RRP-OPS	Operation Bldg	A/C Unit Filter Size Check	Maintenance	Data collection	5/16/2019
WKO-10002	RRP-OPS	None Assigned, Operation Bldg	Work on inventory	Maintenance	Mechanical	5/16/2019
WKO-09998	RRP-OPB-CEMS, RRP-OPB-OFF	CEMS Room , Offices	Pull network cables in Ops. office and CEMS room	Instrumentation	Electrical - Low voltage	5/16/2019
WKO-10010	MPS-DW	Dry Well	Replace Service Line Valve	Maintenance	Plumbing	5/17/2019
WKO-10008	PEP-BLDG-G	Pennington STP Bldg	Install Window Tint	Maintenance	Window / Glass / Screens	5/17/2019
WKO-10004	RRP-GND-G	River Road Plant General	Daily - Acting Lead Mechanic Duties	Maintenance	Mechanical	5/17/2019
WKO-10009	RRP-OPB-BFP-2	Belt Filter Press 2	Bubble In Belt	Maintenance	Mechanical	5/17/2019
WKO-10000	RRP-SCB	Sludge Cake Bldg	Broken Valves.	Maintenance	Mechanical	5/17/2019
WKO-09750	RRP-OPB-BFP-1	Belt Filter Press 1	Audio Alarm Nothing Lit	Instrumentation	Instrumentation	5/17/2019
WKO-10006	RRP-FLB-F-2	Filter 2	Solenoid Issue	Instrumentation	Instrumentation	5/17/2019
WKO-09800	RRP-LSB-401S	401 Scrubber	pep-con cd-401	Instrumentation	Instrumentation	5/17/2019
WKO-10018	RRP-OPB-BFP-2	Belt Filter Press 2	Replace Rusted Chicane Rods	Maintenance	Mechanical	5/20/2019
WKO-10015	RRP-GND-G	River Road Plant General	Daily - Acting Lead Mechanic Duties	Maintenance	Mechanical	5/20/2019
WKO-10003	HOP-BLDG-G	Hopewell STP Bldg	Build upstream booster pumps	Maintenance	Mechanical	5/21/2019
WKO-10022	RRP-GND-G	River Road Plant General	Daily - Acting Lead Mechanic Duties	Maintenance	Mechanical	5/21/2019
WKO-10033	RRP-OPS	Operation Bldg	Fire Watch.	Maintenance	Safety	5/21/2019

ID#	Asset ID#	Asset Description(s)	Description	Work Order Group	Work Order Type	Date Done
WKO-10017	RRP-FLB-F-2	Filter 2	Back Wash Supply Valve Issue	Instrumentation	Instrumentation	5/21/2019
WKO-10032	RRP-OPS	Operation Bldg	Fix Ceiling Tile in Matt office.	Maintenance	Mechanical	5/21/2019
WKO-10034	HOP-FOT, HOP-OPS-FRST-GEN	Fuel Oil Tank, Generator	Power Failure	Maintenance	Generator Title V	5/21/2019
WKO-10042	RRP-OPB-ROOF-REF-14	Roof Exhaust Fan 14	Fix Rocket Fan.	Maintenance	Electrical - Low voltage	5/22/2019
WKO-10038	RRP-OPS	Operation Bldg	Front Office Mens Room Sink Leaks	Maintenance	Plumbing	5/22/2019
WKO-10036	RRP-HWB	Head Works Bldg	Garage Door Issue	Maintenance	Mechanical	5/22/2019
WKO-10021	RRP-OPB-BASE-EFWP-1	Effluent Flushing Water Pump 1	Replace Leaking 3" EFW Valve Over Doorway	Maintenance	Plumbing	5/22/2019
WKO-10035	RRP-GND-G	River Road Plant General	Daily - Acting Lead Mechanic Duties	Maintenance	Mechanical	5/22/2019
WKO-10041	SPS-BLDG-G	South Brunswick Pump Station Bldg	Cleaned sub station at SB	Maintenance	House Keeping	5/22/2019
WKO-10039	PEP-OPS	Operation Bldg	Finished Booster pumps	Maintenance	Mechanical	5/22/2019
WKO-07222	RRP-OPB-INC-AHS-ICC	Ash Handling System Control Cabinet	Ash System #1 Issue	Instrumentation	Instrumentation	5/22/2019
WKO-10023	SPS-WW	Wet Well	Weekly - Wet Well Clean Up	Operations	House Keeping	5/22/2019
WKO-10025	MPS-WW	Wet Well	Weekly - Wet Well Clean Up	Operations	House Keeping	5/22/2019
WKO-10024	PPS-WW	Wet Well	Weekly - Wet Well Clean Up	Operations	House Keeping	5/22/2019
WKO-10040	RRP-OPB-ROOF-REF-11	Roof Exhaust Fan 11	Not Working	Maintenance	Mechanical	5/23/2019
WKO-10051	RRP-FLB-F-6	Filter 6	Filter #6 not tracking, just opens full	Instrumentation	Instrumentation	5/23/2019
WKO-10037	RRP-CMB-G-GEN, RRP-NGM-GEN	Gas Generator, Natural Gas Meter (Generator)	Gas Generator Test	Maintenance	Generator Title V	5/23/2019
WKO-10043	RRP-GND-G	River Road Plant General	Daily - Acting Lead Mechanic Duties	Maintenance	Mechanical	5/23/2019
WKO-10045	RRP-DIB-NaOCI	Sodium Hypochlorite Feed System	Hypo Bulk Tank #2 Leak	Maintenance	Mechanical	5/23/2019
WKO-10053	RRP-GND-G	River Road Plant General	Daily - Acting Lead Mechanic Duties	Maintenance	Mechanical	5/24/2019
WKO-10059	RRP-MS, RRP-SPB-OR	Maintenance Shop, Oil Room	House Keeping	Maintenance	House Keeping	5/24/2019
WKO-10058	RRP-OPB-BASE-HB	Hoffman Blower	Assemble Storage Racks	Maintenance	Construction - Carpentry	5/24/2019
WKO-10056	SPS-DW-GEN	Emergency Generator (C18 Caterpillar)	Low Coolant Temp Alarm	Maintenance	Mechanical	5/24/2019
WKO-10050	RRP-SCB-RBS-SF1	Receiving Bin Screw SF 1	Screws will not start	Instrumentation	Mechanical	5/24/2019
WKO-10055	RRP-DIB-EF-1, RRP-DIB-EF-2	Exhaust Fan 1, Exhaust Fan 2	Exhaust Fans Are Loud	Maintenance	Mechanical	5/24/2019
WKO-10061	RRP-DIB-NaOCIP-1	Sodium Hypochlorite Pump 1	Leaking	Maintenance	Mechanical	5/26/2019
WKO-10080	PEP-FOT, PEP-OPS-FRST-GEN	Fuel Oil Tank, Generator	Power Outage	Maintenance	Generator Title V	5/28/2019
WKO-10079	PEP-BLDG-G	Pennington STP Bldg	Stand Pipe Valve	Maintenance	Plumbing	5/28/2019
WKO-10075	RRP-DIB-NaOCIP-1	Sodium Hypochlorite Pump 1	Unit will not run	Maintenance	Mechanical	5/28/2019
WKO-10078	RRP-DIB-NaOCIP-2	Sodium Hypochlorite Pump 2	Hose Worn Out	Maintenance	Mechanical	5/28/2019
WKO-10076	RRP-DIB-NaOCIP-3	Sodium Hypochlorite Pump 3	Leaking Suction Hose	Maintenance	Mechanical	5/28/2019
WKO-10068	RRP-GND-G	River Road Plant General	Daily - Acting Lead Mechanic Duties	Maintenance	Mechanical	5/28/2019
WKO-10069	SPS-WW	Wet Well	Weekly - Wet Well Clean Up	Operations	House Keeping	5/29/2019
WKO-10070	PPS-WW	Wet Well	Weekly - Wet Well Clean Up	Operations	House Keeping	5/29/2019
WKO-10071	MPS-WW	Wet Well	Weekly - Wet Well Clean Up	Operations	House Keeping	5/29/2019
WKO-10082	RRP-GND-G	River Road Plant General	Daily - Acting Lead Mechanic Duties	Maintenance	Mechanical	5/29/2019
WKO-10083	RRP-OPB-BFP-SCHP-5A	Schwing Pump 5	Broken Clamp	Maintenance	Mechanical	5/29/2019

ID#	Asset ID#	Asset Description(s)	Description	Work Order Group	Work Order Type	Date Done
WKO-10096	RRP-OPB-FO	Front Office	Woman's Bathroom Won't Flush Properly	Maintenance	Plumbing	5/29/2019
WKO-10098	RRP-OPB-INC-CG-2	Clinker Grinder 2	Unit Down	Maintenance	Mechanical	5/29/2019
WKO-09976	MPS-BLDG-G, SPS-BLDG-G	Millstone Pump Station Bldg, South Brunswick Pump Station Bldg	Service Water Line Leaking	Maintenance	Plumbing	5/29/2019
WKO-10101	RRP-GND-G	River Road Plant General	Daily - Acting Lead Mechanic Duties	Maintenance	Mechanical	5/30/2019
WKO-10103	RRP-OPB-ROOF-REF-11	Roof Exhaust Fan 11	Rewire Fan Motor	Maintenance	Electrical	5/30/2019
WKO-10088	RRP-SPB	Septage Bldg	Cover Holes at the Lime Storage Shed	Maintenance	Miscellaneous Klieinfelder Report 2018	5/30/2019
WKO-10086	RRP-SPB-OR	Oil Room	Place Two Drums Onto Spill Pallets	Maintenance	Klieinfelder Report 2018	5/30/2019
WKO-10106	RRP-GND-G	River Road Plant General	Daily - Acting Lead Mechanic Duties	Maintenance	Mechanical	5/31/2019
WKO-10108	RRP-MS, RRP-OPB-MR, RRP-SPB-OR	Machine Room, Maintenance Shop, Oil Room	House Keeping	Maintenance	House Keeping	5/31/2019
WKO-10109	RRP-OPB-LKR-ACU	Air Condition Unit (Locker Room)	Check air conditioner unit	Maintenance	Mechanical	5/31/2019

Total Monthly Work Orders = 152

Preventive Maintenance Completed For May 2019

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ID#	Asset ID#	Asset Description(s)	Description	Work Order Group	Work Order Type	Date Done
WKO-09825	SPS-DW-DTG, SPS-DW-FOT	Day Tank (Generator), Fuel Oil Tank	Monthly - South Brunswick Pump Station SPCC Inspection	Maintenance	Preventive Maintenance	5/1/2019
WKO-09829	MPS-DW-DTG, MPS-DW-FOT	Day Tank (Generator), Fuel Oil Tank	Monthly - Millstone Pump Station SPCC Inspection	Maintenance	Preventive Maintenance	5/1/2019
WKO-09822	PPS-DW-FOT, PPS-DW-FOTP-1, PPS-DW-GEN	Fuel Oil Tank, Fuel Oil Transfer Pump 1, Generator	Monthly - PPS-Emergency Generator Check	Maintenance	Preventive Maintenance	5/1/2019
WKO-09828	HOP-OPS-BASE-IP-1, HOP-OPS-BASE-IP-2, HOP-OPS-BASE-IP-3, HOP-OPS-BASE-IP-4, HOP-OPS-BASE-RSP-1, HOP-OPS-BASE-RSP-2, HOP-OPS-BASE-WWP-1, HOP-OPS-BASE-WWP-2, HOP-OPS-FILT-AB-1, HOP-OPS-FILT-AB-2, HOP-PR11-DR-1A, HOP-PR12-DR-2A, HOP-SEC1, HOP-SEC2	Air Blower 1, Air Blower 2, Influent Pump 1, Influent Pump 2, Influent Pump 3, Influent Pump 4, Primary Clairifier Drive 1, Primary Clairifier Drive 2, Return Sludge Pump 1, Return Sludge Pump 2, Secondary Clairifier 1, Secondary Clairifier 2, Wash Water Pump 1, Wash Water Pump 2	Monthly - Hopewell Plant Check	Maintenance	Preventive Maintenance	5/1/2019
WKO-09832	MPS-DW-AC-1, MPS-DW-AC-2, MPS-DW-SP-1, MPS-DW-SP-2, MPS-DW-SSE, MPS-DW-SW, MPS-DW-SW-1, MPS-DW-SW-2	Air Compressor 1, Air Compressor 2, Seal Water (common eq), Seal Water System 1, Seal Water System 2, Sub-Station Electrical, Sump Pump 1, Sump Pump 2	Monthly - Millstone Pump Station Batch 1	Maintenance	Preventive Maintenance	5/1/2019
WKO-09827	PEP-OPS-BASE-IP-1, PEP-OPS-BASE-IP-2, PEP-OPS-BASE-IP-3, PEP-OPS-BASE-IP-4, PEP-OPS-BASE-RSP-1, PEP-OPS-BASE-RSP-2, PEP-OPS-BASE-WWP-1, PEP-OPS-BASE-WWP-2, PEP-OPS-FILT-AB-1, PEP-OPS-FILT-AB-2, PEP-PR11-DR-1, PEP-PR12-DR-2, PEP-SEC1, PEP-SEC2	Air Blower 1, Air Blower 2, Influent Pump 1, Influent Pump 2, Influent Pump 3, Influent Pump 4, Primary Clairifier Drive 1, Primary Clairifier Drive 2, Return Sludge Pump 1, Return Sludge Pump 2, Secondary Clairifier 1, Secondary Clairifier 2, Wash Water Pump 1, Wash Water Pump 2	Monthly - Pennington Plant Check	Maintenance	Preventive Maintenance	5/1/2019
WKO-09833	PPS-DW-AC-1, PPS-DW-AC-2, PPS-DW-SP-1, PPS-DW-SP-2, PPS-DW-SW, PPS-DW-SW-1, PPS-DW-SW-2, PPS-WW-CS	Air Compressor 1, Air Compressor 2, Carbon Scrubber, Seal Water (common eq), Seal Water System 1, Seal Water System 2, Sump Pump 1, Sump Pump 2	Monthly - Princeton Pump Station Batch 1	Maintenance	Preventive Maintenance	5/1/2019
WKO-09841	RRP-AGC1-AGB-1, RRP-AGC2-AGB-2, RRP-AGC3-AGB-3	Aerated Grit Blower 1, Aerated Grit Blower 2, Aerated Grit Blower 3	Monthly - Aerated Grit Blower PM	Maintenance	Preventive Maintenance	5/1/2019
WKO-09843	RRP-HWB-MS-1, RRP-HWB-MS-2	Mechanical Screen 1, Mechanical Screen 2	Monthly - Mechanical Screen PM	Maintenance	Preventive Maintenance	5/1/2019
WKO-09842	RRP-HWB-SC-1, RRP-HWB-SC-2	Shaftless Screw Conveyor 1, Shaftless Screw Conveyor 2	Monthly - Liner and Screw inspection PM	Maintenance	Preventive Maintenance	5/1/2019
WKO-09826	RRP-OPB-GAST	Gasoline Aboveground Storage Tank	Monthly - Gasoline Aboveground Storage Tank Check	Maintenance	Preventive Maintenance	5/1/2019
WKO-09838	RRP-SCB-RBD-1, RRP-SCB-RBD-2	Receiving Bin Door 1, Receiving Bin Door 2	Monthly - Door Inspection PM	Maintenance	Preventive Maintenance	5/1/2019
WKO-09834	SPS-DW-AC-1, SPS-DW-AC-2, SPS-DW-SP-1, SPS-DW-SP-2, SPS-DW-SW, SPS-DW-SW-1, SPS-DW-SW-2	Air Compressor 1, Air Compressor 2, Seal Water (common eq), Seal Water System 1, Seal Water System 2, Sump Pump 1, Sump Pump 2	Monthly - South Brunswick Pump Station Batch 1	Maintenance	Preventive Maintenance	5/1/2019

ID#	Asset ID#	Asset Description(s)	Description	Work Order Group	Work Order Type ¹²⁸	Date Done
WKO-09821	MPS-DW-FOT, MPS-DW-FOTP-1, MPS-DW-GEN, MPS-DW-SF-1	Emergency Generator (C27 Caterpillar) , Fuel Oil Tank, Fuel Oil Transfer Pump 1, Supply Fan 1	Monthly - MPS-Emergency Generator Check	Maintenance	Preventive Maintenance	5/1/2019
WKO-09819	SPS-DW-FOT, SPS-DW-FOTP-1, SPS-DW-FOTP-2, SPS-DW-GEN, SPS-DW-SF-1	Emergency Generator (C18 Caterpillar) , Fuel Oil Tank, Fuel Oil Transfer Pump 1, Fuel Oil Transfer Pump 2, Supply Fan 1	Monthly - SPS-Emergency Generator Check	Maintenance	Preventive Maintenance	5/1/2019
WKO-09830	PEP-FOT, PEP-OPS-FRST-DTB, PEP-OPS-FRST-DTG	Day Tank (Boiler), Day Tank (Generator), Fuel Oil Tank	Monthly - Pennington Plant SPCC Inspection	Maintenance	Preventive Maintenance	5/1/2019
WKO-09831	HOP-FOT, HOP-OPS-FRST-DTB, HOP-OPS-FRST-DTG	Day Tank (Boiler), Day Tank (Generator), Fuel Oil Tank	Monthly - Hopewell Plant SPCC Inspection	Maintenance	Preventive Maintenance	5/1/2019
WKO-09860	RRP-CMB-MgOH STM-1, RRP-CMB-MgOH STM-2, RRP-LSB-401SB-2, RRP-LSOCB-400SB-1, RRP-SS1-MASM, RRP-SS1-MASP-1, RRP-SS1-MASP-2, RRP-SS2-TSP-1, RRP-SS2-TSP-2	400 Scrubber Blower 1, 401 Scrubber Blower 2, MA Scum Mixer, MA Scum Pump 1, MA Scum Pump 2, Magnesium Hydroxide Storage Tank Mixer 1, Magnesium Hydroxide Storage Tank Mixer 2, Thickened Scum Pump 1, Thickened Scum Pump 2 Wet Well	Monthly - Bearing Greasing Batch 2	Maintenance	Preventive Maintenance	5/2/2019
WKO-09853	MPS-WW		Monthly - Drop Hole Inspection	Operations	Preventive Maintenance	5/2/2019
WKO-09824	RRP-CMB-DTG, RRP-CMB-FOT, RRP-OPB-BASE-B, RRP-OPB-GAST, RRP-OPB-INC-FOT, RRP-OPB-INC-I-1, RRP-OPB-INC-I-2, RRP-SCS	Day Tank (Generator), Fuel Oil Tank, Fuel Oil Tank (Incinerator/Plant Heat), Gasoline Aboveground Storage Tank, Incinerator 1, Incinerator 2, Plant Heat (Boiler), Spill Containment Structure	Monthly - River Road Plant SPCC Inspection	Maintenance	Preventive Maintenance	5/2/2019
WKO-09862	RRP-CMB-MARSP-1, RRP-CMB-MARSP-2, RRP-CMB-MARSP-3, RRP-CMB-NRSP-1, RRP-CMB-NRSP-2, RRP-CMB-NRSP-3, RRP-CMB-NRSP-4	MA Return Sludge Pump 1, MA Return Sludge Pump 2, MA Return Sludge Pump 3, Nitrification Return Sludge Pump 1, Nitrification Return Sludge Pump 2, Nitrification Return Sludge Pump 3, Nitrification Return Sludge Pump 4	Monthly - Pump Bearings Grease Batch 1	Maintenance	Preventive Maintenance	5/2/2019
WKO-09863	RRP-OPB-INC-BSP-1, RRP-OPB-INC-BSP-2, RRP-OPB-INC-BSP-3, RRP-OPB-INC-FASP-1, RRP-OPB-INC-FASP-2, RRP-OPB-INC-FASP-3	Backwash Supply Pump 1, Backwash Supply Pump 2, Backwash Supply Pump 3, Fly Ash Slurry Pump 1, Fly Ash Slurry Pump 2, Fly Ash Slurry Pump 3	Monthly - Pump Bearings Grease Batch 2	Maintenance	Preventive Maintenance	5/2/2019
WKO-09858	RRP-SCB-RBS-SF1, RRP-SCB-RBS-SF2, RRP-SCB-RBS-SF3, RRP-SCB-RBS-SF4, RRP-SCB-RBS-SF5, RRP-SCB-RBS-SF6, RRP-SCB-SHS-SF7, RRP-SCB-SHS-SF8	Receiving Bin Screw SF 1, Receiving Bin Screw SF 2, Receiving Bin Screw SF 3, Receiving Bin Screw SF 4, Receiving Bin Screw SF 5, Receiving Bin Screw SF 6, Storage Hopper Screw SF 7, Storage Hopper Screw SF 8	Monthly - Cake Bin Inspection	Maintenance	Preventive Maintenance	5/2/2019
WKO-09859	RRP-OPB-BASE-BWRP-1, RRP-OPB-BASE-BWRP-2, RRP-OPB-BASE-BWRP-3, RRP-OPB-BASE-HWCP-1, RRP-OPB-BASE-PDP-1, RRP-OPB-BASE-PDP-2, RRP-OPB-BASE-PDP-3	Backwash Return Pump 1, Backwash Return Pump 2, Backwash Return Pump 3, Hot Water Circulating Pump 1, Process Drain Pump 1, Process Drain Pump 2, Process Drain Pump 3	Monthly - Bearing Greasing Batch 1	Maintenance	Preventive Maintenance	5/2/2019
WKO-09815	RRP-INC-FEBP-1-VFD, RRP-INC-FEBP-2-VFD	Final Eff. Booster Pump 1 VFD, Final Eff. Booster Pump 2 VFD	Weekly - VFD PM	Instrumentation	Preventive Maintenance	5/2/2019

ID#	Asset ID#	Asset Description(s)	Description	Work Order Group	Work Order Type ¹²⁹	Date Done
WKO-09846	HOP-HW-IM, HOP-REA1-EM, MC6-MTR, MC7-MTR, MPS-DW-MTR-INF, NRMC-MTR, PEP-HW-IM, PEP-REA1-EM, PFC-M, PPS-DW-MTR-EFF-H, PPS-DW-MTR-EFF-L, PRF, RRP-INFCHMBR-MTR-INF-H, RRP-INFCHMBR-MTR-INF-L, RRP-MA-INFCHMBR-MTR-INF, SPS-DW-MTR-EFF-H, SPS-DW-MTR-EFF-L	Effluent Meter, Flow Meter Eff. (High), Flow Meter Eff. (High), Flow Meter Eff. (Low), Influent Meter, MA Influent Flow Meter, Meter Chamber 6 Flow Meter, Meter Chamber 7 Meter, Millstone Flow Meter Inf., North Ridge Meter Chamber Meter, Plant Influent Flow Meter (High), Plant Influent Flow Meter (Low), Princeton Farms Meter Chamber , Princeton Forrestal Connection Meter	Monthly - Flow meter Verification/Certification	Instrumentation	Preventive Maintenance	5/2/2019
WKO-09835	MPS-DW-P-1, MPS-DW-P-2, MPS-DW-P-3, MPS-DW-P-4	Sewage Pump 1, Sewage Pump 2, Sewage Pump 3, Sewage Pump 4	Monthly - Millstone P.S. Pump Inspection	Maintenance	Preventive Maintenance	5/3/2019
WKO-09836	PPS-DW-P-1, PPS-DW-P-2, PPS-DW-P-3, PPS-DW-P-4	Sewage Pump 1, Sewage Pump 2, Sewage Pump 3, Sewage Pump 4	Monthly - Princeton P.S. Pump Inspection	Maintenance	Preventive Maintenance	5/3/2019
WKO-09874	RRP-OPB-BFP-1, RRP-OPB-BFP-2, RRP-OPB-BFP-3	Belt Filter Press 1, Belt Filter Press 2, Belt Filter Press 3	Monthly - Belt Filter Press Bearing Inspection	Maintenance	Preventive Maintenance	5/3/2019
WKO-09875	RRP-OPB-BFP-SCHP-5A, RRP-OPB-BFP-SCHP-6A, RRP-OPB-BFP-SCHP-7A, RRP-SCB-SCH-1A, RRP-SCB-SCH-2A, RRP-SCB-SCH-3A, RRP-SCB-SCH-4A	Schwing Pump 1, Schwing Pump 2, Schwing Pump 3, Schwing Pump 4, Schwing Pump 5, Schwing Pump 6, Schwing Pump 7	Weekly - Schwing Pump Hydraulic Oil Level Check	Maintenance	Preventive Maintenance	5/3/2019
WKO-09879	RRP-RTO-DVD, RRP-RTO-G	Diverter Valve Drive, Regenerative Thermal Oxidizer General Equipment	Monthly - RTO PM 1	Maintenance	Preventive Maintenance	5/3/2019
WKO-09878	RRP-WESP-ACS	Air Compressor System	Quarterly- WESP Air Compressor Check PM	Maintenance	Preventive Maintenance	5/3/2019
WKO-09837	SPS-DW-P-1, SPS-DW-P-2, SPS-DW-P-3	Sewage Pump 1, Sewage Pump 2, Sewage Pump 3	Monthly - South Brunswick P.S. Pump Inspection	Maintenance	Preventive Maintenance	5/3/2019
WKO-09873	SPS-WW-MCS	Mechanical Climber Screen	Monthly - SPS Climber Screen Inspection	Maintenance	Preventive Maintenance	5/3/2019
WKO-09861	RRP-RTO-FDF	Forced Draft Fan	Monthly - Bearing Lubrication	Maintenance	Preventive Maintenance	5/3/2019
WKO-09839	SPS-BLDG-G	South Brunswick Pump Station Bldg	Emergency Light PM SPS	Maintenance	Preventive Maintenance	5/3/2019
WKO-09840	RRP-BLDG-G	River Road STP	Emergency Light PM RRP	Maintenance	Preventive Maintenance	5/3/2019
WKO-09877	RRP-INFCHMBR-MTR-INF-H, RRP-INFCHMBR-MTR-INF-L	Plant Influent Flow Meter (High), Plant Influent Flow Meter (Low)	Weekly - RR Influent Meter Verification	Instrumentation	Preventive Maintenance	5/6/2019
WKO-09894	RRP-MAA1-A-1, RRP-MAA1-A-2, RRP-MAA1-A-3, RRP-MAA2-A-4, RRP-MAA2-A-5, RRP-MAA2-A-6, RRP-NITA1-A-1, RRP-NITA1-A-2, RRP-NITA1-A-3, RRP-NITA1-A-4, RRP-NITA2-A-5, RRP-NITA2-A-6, RRP-NITA2-A-7, RRP-NITA2-A-8, RRP-REA3-A-3, RRP-REA4-A-4	MA Aerator 1, MA Aerator 2, MA Aerator 3, MA Aerator 4, MA Aerator 5, MA Aerator 6, Nitrification Aerator 1, Nitrification Aerator 2, Nitrification Aerator 3, Nitrification Aerator 4, Nitrification Aerator 5, Nitrification Aerator 6, Nitrification Aerator 7, Nitrification Aerator 8, Reaeration Tank Aerator 3, Reaeration Tank Aerator 4	Monthly - Aeration PM	Maintenance	Preventive Maintenance	5/6/2019
WKO-09893	RRP-OCB-B-1, RRP-OCB-B-2	Blower 1, Blower 2	Monthly - Inlet Filter Cleaning	Maintenance	Preventive Maintenance	5/6/2019
WKO-09897	RRP-OPB-BFP-1, RRP-OPB-BFP-2, RRP-OPB-BFP-3	Belt Filter Press 1, Belt Filter Press 2, Belt Filter Press 3	Monthly- Skew Alarm PM	Maintenance	Preventive Maintenance	5/6/2019

ID#	Asset ID#	Asset Description(s)	Description	Work Order Group	Work Order Type ¹³⁰	Date Done
WKO-09896	RRP-OPB-BFP-1, RRP-OPB-BFP-2, RRP-OPB-BFP-3, RRP-SCB-RBD-1, RRP-SCB-RBD-2	Belt Filter Press 1, Belt Filter Press 2, Belt Filter Press 3, Receiving Bin Door 1, Receiving Bin Door 2	Monthly - Safety Switch PM Batch 1	Maintenance	Preventive Maintenance	5/6/2019
WKO-09891	RRP-OPB-BFP-SCHP-5A, RRP-OPB-BFP-SCHP-6A, RRP-OPB-BFP-SCHP-7A, RRP-SCB-SCH-1A, RRP-SCB-SCH-2A, RRP-SCB-SCH-3A, RRP-SCB-SCH-4A	Schwing Pump 1, Schwing Pump 2, Schwing Pump 3, Schwing Pump 4, Schwing Pump 5, Schwing Pump 6, Schwing Pump 7	Monthly - Schwing Pump Check	Maintenance	Preventive Maintenance	5/6/2019
WKO-09901	RRP-OPB-INC-I-1, RRP-OPB-INC-I-2	Incinerator 1, Incinerator 2	Weekly - Furnace Check	Maintenance	Preventive Maintenance	5/6/2019
WKO-09895	RRP-REA1-A-1, RRP-REA2-A-2	Reaeration Tank Aerator 1, Reaeration Tank Aerator 2	Monthly - Reaeration PM	Maintenance	Preventive Maintenance	5/6/2019
WKO-09898	HOP-OPS-BASE-IP-1, HOP-OPS-BASE-IP-2, HOP-OPS-BASE-IP-3, HOP-OPS-BASE-IP-4, PEP-OPS-BASE-IP-1, PEP-OPS-BASE-IP-2, PEP-OPS-BASE-IP-3, PEP-OPS-BASE-IP-4	Influent Pump 1, Influent Pump 2, Influent Pump 3, Influent Pump 4	Monthly - Safety Emergency Stop Buttons PM	Maintenance	Preventive Maintenance	5/7/2019
WKO-09892	HOP-OPS-FILT-AB-1, HOP-OPS-FILT-AB-2	Air Blower 1, Air Blower 2	Semi-Annual Gearbox - Oil Change Hopewell Batch 01	Maintenance	Preventive Maintenance	5/7/2019
WKO-09924	RRP-HWB-SC-2	Shaftless Screw Conveyor 2	Monthly - Shaftless Screw Conveyor 2 PM	Maintenance	Preventive Maintenance	5/7/2019
WKO-09823	PPS-DW-DTG, PPS-DW-FOT	Day Tank (Generator), Fuel Oil Tank	Monthly - Princeton Pump Station SPCC Inspection	Maintenance	Preventive Maintenance	5/8/2019
WKO-09899	VEH-007	Ford F-150 XAXF49	Vehicle DMV Inspection	Maintenance	Preventive Maintenance	5/8/2019
WKO-09850	RRP-RTO-G	Regenerative Thermal Oxidizer General Equipment	Monthly - RTO PM	Instrumentation	Preventive Maintenance	5/8/2019
WKO-09905	VEH-006	Chevy Silverado XH505M	Head Light Out	Maintenance	Preventive Maintenance	5/8/2019
WKO-09928	RRP-SS1-MASM	MA Scum Mixer	Monthly - Scum Mixer PM	Maintenance	Preventive Maintenance	5/8/2019
WKO-09930	RRP-HWB-GW-1, RRP-HWB-GW-2	Grit Wash 1, Grit Wash 2	Quarterly - Grit Wash PM	Maintenance	Preventive Maintenance	5/8/2019
WKO-09931	RRP-HWB-SP-1, RRP-HWB-SP-2	Screenings Press 1, Screenings Press 2	Quarterly - Screening Press PM	Maintenance	Preventive Maintenance	5/8/2019
WKO-09929	MPS-WW-CSF, PPS-WW-CS, RRP-INC-HL1-AH-2, RRP-INC-HL1-AH-3, RRP-OCB-F-1, RRP-OCB-F-2, RRP-OCB-F-3, RRP-OCB-F-4, RRP-OCB-F-5, RRP-OCB-F-6, RRP-OPB-BFP-OCF-1, RRP-OPB-BFP-OCF-2, RRP-OPB-BFP-OCF-3, RRP-OPB-INC-CSCAF-1, RRP-OPB-INC-CSCAF-2, RRP-OPB-INC-IDF-1, RRP-OPB-INC-IDF-2, RRP-OPB-INC-TB-3, RRP-OPB-INC-TB-4, RRP-OPB-INC-WSF-1, RRP-OPB-INC-WSF-2, RRP-OPB-ROOF-REF-1-1, RRP-OPB-ROOF-REF-1A, RRP-SCB-CS, SPS-WW-CSF	Air Handler 2, Air Handler 3, Belt Filter Press Odor Control Fan 1, Belt Filter Press Odor Control Fan 2, Belt Filter Press Odor Control Fan 3, Carbon Scrubber, Carbon Scrubber Fan, Center Shaft Cooling Air Fan 1, Center Shaft Cooling Air Fan 2, Fan 1, Fan 2, Fan 3, Fan 4, Fan 5, Fan 6, Induced Draft Fan 1, Induced Draft Fan 2, Roof Exhaust Fan 1-1 (Lab), Roof Exhaust Fan 1A (Lab), Turbo Blower 3, Turbo Blower 4, Wall Supply Fan 1, Wall Supply Fan 2	Quarterly - Bearing Greasing Batch 1	Maintenance	Preventive Maintenance	5/8/2019
WKO-09918	MPS-DW-PWM, PPS-DW-PWM, SPS-DW-PWM	NJ American Potable Water Meter	Weekly - Potable Water Totalizer Readings	Instrumentation	Preventive Maintenance	5/9/2019

ID#	Asset ID#	Asset Description(s)	Description	Work Order Group	Work Order Type ¹³¹	Date Done
WKO-09936	RRP-OPB-BFP-SCHP-5A, RRP-OPB-BFP-SCHP-6A, RRP-OPB-BFP-SCHP-7A, RRP-SCB-SCH-1A, RRP-SCB-SCH-2A, RRP-SCB-SCH-3A, RRP-SCB-SCH-4A	Schwing Pump 1, Schwing Pump 2, Schwing Pump 3, Schwing Pump 4, Schwing Pump 5, Schwing Pump 6, Schwing Pump 7	Weekly - Schwing Pump Hydraulic Oil Level Check	Maintenance	Preventive Maintenance	5/9/2019
WKO-09934	RRP-OPB-BASE-IAC-1, RRP-OPB-BASE-IAC-2	Instrument Air Compressor 1, Instrument Air Compressor 2	Monthly - Instrumentation Air Compressor PM	Maintenance	Preventive Maintenance	5/9/2019
WKO-09946	RRP-INFCHMBR-MTR-INF-H, RRP-INFCHMBR-MTR-INF-L	Plant Influent Flow Meter (High), Plant Influent Flow Meter (Low)	Weekly - RR Influent Meter Verification	Instrumentation	Preventive Maintenance	5/10/2019
WKO-09948	RRP-OPB-INC-I-1, RRP-OPB-INC-I-2	Incinerator 1, Incinerator 2	Weekly - Furnace Check	Maintenance	Preventive Maintenance	5/10/2019
WKO-09949	RRP-OPB-INC-FD-1, RRP-OPB-INC-FD-2	Furnace Drive 1, Furnace Drive 2	Weekly - Bull Gear & Pinion PM	Maintenance	Preventive Maintenance	5/10/2019
WKO-09957	RRP-SCB-RBS-SF1, RRP-SCB-RBS-SF2, RRP-SCB-RBS-SF3, RRP-SCB-RBS-SF4, RRP-SCB-RBS-SF5, RRP-SCB-RBS-SF6, RRP-SCB-SHS-SF7, RRP-SCB-SHS-SF8	Receiving Bin Screw SF 1, Receiving Bin Screw SF 2, Receiving Bin Screw SF 3, Receiving Bin Screw SF 4, Receiving Bin Screw SF 5, Receiving Bin Screw SF 6, Storage Hopper Screw SF 7, Storage Hopper Screw SF 8	BiWeekly - Bearing PM	Maintenance	Preventive Maintenance	5/13/2019
WKO-09938	RRP-HWB-SF-1, RRP-HWB-SF-2	Supply Fan Dumpster Rm 2, Supply Fan Screenings Rm 1	Monthly - OCF VFD PM	Maintenance	Preventive Maintenance	5/13/2019
WKO-09971	RRP-OPB-BFP-SCHP-5A, RRP-OPB-BFP-SCHP-6A, RRP-OPB-BFP-SCHP-7A, RRP-SCB-SCH-1A, RRP-SCB-SCH-2A, RRP-SCB-SCH-3A, RRP-SCB-SCH-4A	Schwing Pump 1, Schwing Pump 2, Schwing Pump 3, Schwing Pump 4, Schwing Pump 5, Schwing Pump 6, Schwing Pump 7	Monthly - Emergency Stop Buttons PM	Maintenance	Preventive Maintenance	5/14/2019
WKO-09972	RRP-OPB-INC-AHFS-1, RRP-OPB-INC-AHFS-3, RRP-OPB-INC-AHFS-5, RRP-OPB-INC-BE-1	Ash Hopper Feed Screw 1, Ash Hopper Feed Screw 3, Ash Hopper Feed Screw 5, Bucket Elevator 1	Annual Gearbox - Oil Change Ash Hopper Screw 1,3,5 & Bucket Elevator 1	Maintenance	Preventive Maintenance	5/14/2019
WKO-09977	RRP-OPB-INC-FEBP-1, RRP-OPB-INC-FEBP-2	Final Effluent Booster Pump 1, Final Effluent Booster Pump 2	Semi-Annual - Oil Change FEBP-1-2 PM	Maintenance	Preventive Maintenance	5/14/2019
WKO-09986	HOP-FOT, HOP-OPS-FRST-DTG, HOP-OPS-FRST-GEN	Day Tank (Generator), Fuel Oil Tank, Generator	Monthly - HOP-Emergency Generator Check	Maintenance	Preventive Maintenance	5/15/2019
WKO-09990	HOP-OPS-FRST-AC-1, HOP-OPS-FRST-AC-2, MPS-DW-AC-1, MPS-DW-AC-2, MPS-WW-CSF, PEP-OPS-FRST-AC-1, PEP-OPS-FRST-AC-2, SPS-DW-AC-1, SPS-DW-AC-2, SPS-WW-CSF	Air Compressor 1, Air Compressor 2, Carbon Scrubber Fan	Quarterly - Belt Inspection Batch 4	Maintenance	Preventive Maintenance	5/15/2019
WKO-09953	HOP-OPS-FRST-DTG, HOP-ORB1-DR-1, HOP-ORB1-DR-2, HOP-ORB2-DR-1, HOP-ORB2-DR-2, HOP-PRI1-DR-1A, HOP-PRI2-DR-2A, HOP-REA1, HOP-REA2	Day Tank (Generator), Orbal Tank 1 Drive 1, Orbal Tank 1 Drive 2, Orbal Tank 2 Drive 1, Orbal Tank 2 Drive 2, Primary Clairifier Drive 1, Primary Clairifier Drive 2, Reaeration 1, Reaeration 2	BiWeekly - Hopewell Plant Check	Maintenance	Preventive Maintenance	5/15/2019
WKO-09989	HOP-ORB1-DR-1, HOP-ORB1-DR-2, HOP-ORB2-DR-1, HOP-ORB2-DR-2, PEP-ORB1-DR-1, PEP-ORB1-DR-2, PEP-ORB2-DR-1, PEP-ORB2-DR-2	Orbal Tank 1 Drive 1, Orbal Tank 1 Drive 2, Orbal Tank 2 Drive 1, Orbal Tank 2 Drive 2	Quarterly Coupling Inspection Batch 8	Maintenance	Preventive Maintenance	5/15/2019
WKO-09987	PEP-FOT, PEP-OPS-FRST-DTG, PEP-OPS-FRST-GEN	Day Tank (Generator), Fuel Oil Tank, Generator	Monthly - PEP-Emergency Generator Check	Maintenance	Preventive Maintenance	5/15/2019

ID#	Asset ID#	Asset Description(s)	Description	Work Order Group	Work Order Type ¹³²	Date Done
WKO-09952	PEP-OPS-FRST-DTG, PEP-ORB1-DR-1, PEP-ORB1-DR-2, PEP-ORB2-DR-1, PEP-ORB2-DR-2, PEP-PRI1-DR-1, PEP-PRI2-DR-2, PEP-REA1, PEP-REA2	Day Tank (Generator), Orbal Tank 1 Drive 1, Orbal Tank 1 Drive 2, Orbal Tank 2 Drive 1, Orbal Tank 2 Drive 2, Primary Clairifier Drive 1, Primary Clairifier Drive 2, Reaeration 1, Reaeration 2	BiWeekly - Pennington Plant Check	Maintenance	Preventive Maintenance	5/15/2019
WKO-09973	RRP-CMB-MgOH STM-1, RRP-CMB-MgOH STM-2	Magnesium Hydroxide Storage Tank Mixer 1, Magnesium Hydroxide Storage Tank Mixer 2	Annual Gearbox - Oil Change MgOH Storage Tank Mixers	Maintenance	Preventive Maintenance	5/15/2019
WKO-09982	RRP-CMB-T-GEN	Turbine Generator	Monthly - Battery Charger/Water Check PM	Maintenance	Preventive Maintenance	5/15/2019
WKO-09974	RRP-OPB-INC-BE-1, RRP-OPB-INC-BE-2	Bucket Elevator 1, Bucket Elevator 2	Semi-Annual - Chain & Sprocket PM	Maintenance	Preventive Maintenance	5/15/2019
WKO-09995	RRP-OPB-BASE-BWRP-1, RRP-OPB-BASE-BWRP-2, RRP-OPB-BASE-BWRP-3, RRP-OPB-BASE-PDP-1, RRP-OPB-BASE-PDP-2, RRP-OPB-BASE-PDP-3	Backwash Return Pump 1, Backwash Return Pump 2, Backwash Return Pump 3, Process Drain Pump 1, Process Drain Pump 2, Process Drain Pump 3	Monthly - Pump Bearings Grease Batch 3	Maintenance	Preventive Maintenance	5/16/2019
WKO-09996	RRP-OPB-BFP-SCHP-5A, RRP-OPB-BFP-SCHP-6A, RRP-OPB-BFP-SCHP-7A, RRP-SCB-SCH-1A, RRP-SCB-SCH-2A, RRP-SCB-SCH-3A, RRP-SCB-SCH-4A	Schwing Pump 1, Schwing Pump 2, Schwing Pump 3, Schwing Pump 4, Schwing Pump 5, Schwing Pump 6, Schwing Pump 7	Weekly - Schwing Pump Hydraulic Oil Level Check	Maintenance	Preventive Maintenance	5/16/2019
WKO-09984	RRP-RTO-G	Regenerative Thermal Oxidizer General Equipment	Monthly - Replace CEMS Sample Probe Filter	Instrumentation	Preventive Maintenance	5/16/2019
WKO-09969	MPS-DW-PWM, PPS-DW-PWM, SPS-DW-PWM	NJ American Potable Water Meter	Weekly - Potable Water Totalizer Readings	Instrumentation	Preventive Maintenance	5/16/2019
WKO-09958	RRP-INC-FEBP-1-VFD, RRP-INC-FEBP-2-VFD	Final Eff. Booster Pump 1 VFD, Final Eff. Booster Pump 2 VFD	Weekly - VFD PM	Instrumentation	Preventive Maintenance	5/16/2019
WKO-10005	RRP-INFCHMBR-MTR-INF-H, RRP-INFCHMBR-MTR-INF-L	Plant Influent Flow Meter (High), Plant Influent Flow Meter (Low)	Weekly - RR Influent Meter Verification	Instrumentation	Preventive Maintenance	5/17/2019
WKO-10013	VEH-017	Ford F-250 XN322R	Semi-Annual Vehicle Maintenance XN322R	Maintenance	Preventive Maintenance	5/20/2019
WKO-09844	RRP-CMB-G-GEN, RRP-NGM-GEN	Gas Generator, Natural Gas Meter (Generator)	Monthly - RRP-Emergency Generator Check (Gas)	Maintenance	Preventive Maintenance	5/20/2019
WKO-10026	MPS-DW-PWM, PPS-DW-PWM, SPS-DW-PWM	NJ American Potable Water Meter	Weekly - Potable Water Totalizer Readings	Instrumentation	Preventive Maintenance	5/21/2019
WKO-10030	MPS-DW-AC-1, MPS-DW-AC-2, SPS-DW-AC-1, SPS-DW-AC-2	Air Compressor 1, Air Compressor 2	Quarterly - Oil Change Air Compressor Pump Stations	Maintenance	Preventive Maintenance	5/21/2019
WKO-10029	RRP-LSB-AC-3, RRP-LSB-AC-4, RRP-OPB-AC-1, RRP-OPB-INC-AC-1, RRP-OPB-OFF-AC-1, RRP-SPB-AC-2	Air Compressor 1, Air Compressor 2, Air Compressor 3, Air Compressor 4	Quarterly - Oil Change Air Compressor River Road Plant	Maintenance	Preventive Maintenance	5/21/2019
WKO-10012	RRP-OPB-INC-I-1, RRP-OPB-INC-I-2	Incinerator 1, Incinerator 2	Weekly - Furnace Check	Maintenance	Preventive Maintenance	5/21/2019
WKO-09848	RRP-CMB-MTR-MARTIN, RRP-CMB-MTR-MAWST, RRP-CMB-MTR-NITRTN, RRP-CMB-MTR-NITWST	MA Return Sludge Flow Meter, MA Waste Sludge Flow Meter, Nitrification Return Sludge Flow Meter, Nitrification Waste Sludge Flow Meter	Monthly - Meter Flush	Instrumentation	Preventive Maintenance	5/21/2019

ID#	Asset ID#	Asset Description(s)	Description	Work Order Group	Work Order Type ¹³³	Date Done
WKO-10014	VEH-022	Ford F-250 XDMV31	Semi-Annual Vehicle Maintenance XDMV31	Maintenance	Preventive Maintenance	5/21/2019
WKO-10028	RRP-MAA1-A-1, RRP-MAA1-A-2, RRP-MAA1-A-3, RRP-MAA2-A-4, RRP-MAA2-A-5, RRP-MAA2-A-6	MA Aerator 1, MA Aerator 2, MA Aerator 3, MA Aerator 4, MA Aerator 5, MA Aerator 6	Annual Gearbox - Oil Check MA Aerator	Maintenance	Preventive Maintenance	5/22/2019
WKO-10044	RRP-OPB-BFP-LP-5, RRP-OPB-BFP-LP-6, RRP-OPB-BFP-LP-7	Lube Pump 5, Lube Pump 6, Lube Pump 7	Monthly - Lube Pump Oil Change	Maintenance	Preventive Maintenance	5/23/2019
WKO-10048	RRP-OPB-BFP-SCHP-5A, RRP-OPB-BFP-SCHP-6A, RRP-OPB-BFP-SCHP-7A, RRP-SCB-SCH-1A, RRP-SCB-SCH-2A, RRP-SCB-SCH-3A, RRP-SCB-SCH-4A	Schwing Pump 1, Schwing Pump 2, Schwing Pump 3, Schwing Pump 4, Schwing Pump 5, Schwing Pump 6, Schwing Pump 7	Weekly - Schwing Pump Hydraulic Oil Level Check	Maintenance	Preventive Maintenance	5/23/2019
WKO-10047	RRP-OPB-INC-FD-2	Furnace Drive 2	Weekly - Bull Gear & Pinion PM	Maintenance	Preventive Maintenance	5/23/2019
WKO-09820	RRP-CMB-FOT, RRP-CMB-FOTP, RRP-CMB-T-GEN, RRP-OPB-INC-FOT	Fuel Oil Tank, Fuel Oil Tank (Incinerator/Plant Heat), Fuel Oil Transfer Pump, Turbine Generator	Monthly - RRP-Emergency Generator Check (Turbine)	Maintenance	Preventive Maintenance	5/23/2019
WKO-10027	RRP-INC-FEBP-2-VFD	Final Eff. Booster Pump 2 VFD	Weekly - VFD PM	Instrumentation	Preventive Maintenance	5/24/2019
WKO-10057	RRP-SCB-RBS-SF1, RRP-SCB-RBS-SF2, RRP-SCB-RBS-SF3, RRP-SCB-RBS-SF4, RRP-SCB-RBS-SF5, RRP-SCB-RBS-SF6, RRP-SCB-SHS-SF7, RRP-SCB-SHS-SF8	Receiving Bin Screw SF 1, Receiving Bin Screw SF 2, Receiving Bin Screw SF 3, Receiving Bin Screw SF 4, Receiving Bin Screw SF 5, Receiving Bin Screw SF 6, Storage Hopper Screw SF 7, Storage Hopper Screw SF 8	BiWeekly - Bearing PM	Maintenance	Preventive Maintenance	5/24/2019
WKO-10054	RRP-INFCHMBR-MTR-INF-H, RRP-INFCHMBR-MTR-INF-L	Plant Influent Flow Meter (High), Plant Influent Flow Meter (Low)	Weekly - RR Influent Meter Verification	Instrumentation	Preventive Maintenance	5/24/2019
WKO-10016	RRP-NITA1-DO-1, RRP-NITA1-DO-2, RRP-NITA1-DO-3, RRP-NITA1-DO-4, RRP-NITA2-DO-5, RRP-NITA2-DO-6, RRP-NITA2-DO-7, RRP-NITA2-DO-8	DO Analyzer 1, DO Analyzer 2, DO Analyzer 3, DO Analyzer 4, DO Analyzer 5, DO Analyzer 6, DO Analyzer 7, DO Analyzer 8	Weekly - DO Probe PM	Instrumentation	Preventive Maintenance	5/28/2019
WKO-10064	HOP-OPS-FRST-DTG, HOP-ORB1-DR-1, HOP-ORB1-DR-2, HOP-ORB2-DR-1, HOP-ORB2-DR-2, HOP-PRI1-DR-1A, HOP-PRI2-DR-2A, HOP-REA1, HOP-REA2	Day Tank (Generator), Orbal Tank 1 Drive 1, Orbal Tank 1 Drive 2, Orbal Tank 2 Drive 1, Orbal Tank 2 Drive 2, Primary Clairifier Drive 1, Primary Clairifier Drive 2, Reaeration 1, Reaeration 2	BiWeekly - Hopewell Plant Check	Maintenance	Preventive Maintenance	5/28/2019
WKO-10063	PEP-OPS-FRST-DTG, PEP-ORB1-DR-1, PEP-ORB1-DR-2, PEP-ORB2-DR-1, PEP-ORB2-DR-2, PEP-PRI1-DR-1, PEP-PRI2-DR-2, PEP-REA1, PEP-REA2	Day Tank (Generator), Orbal Tank 1 Drive 1, Orbal Tank 1 Drive 2, Orbal Tank 2 Drive 1, Orbal Tank 2 Drive 2, Primary Clairifier Drive 1, Primary Clairifier Drive 2, Reaeration 1, Reaeration 2	BiWeekly - Pennington Plant Check	Maintenance	Preventive Maintenance	5/28/2019
WKO-10062	RRP-OPB-INC-I-1, RRP-OPB-INC-I-2	Incinerator 1, Incinerator 2	Weekly - Furnace Check	Maintenance	Preventive Maintenance	5/28/2019
WKO-10084	RRP-MAC1-SC-1, RRP-MAC2-SC-2	MA Sludge Collector 1, MA Sludge Collector 2	Annual Gearbox - Oil Change Aeration Sludge Collector 1 & 2	Maintenance	Preventive Maintenance	5/29/2019
WKO-10091	RRP-OPB-BFP-SCHP-6A	Schwing Pump 6	Quarterly- Oil Change Conveyor Gearbox 6	Maintenance	Preventive Maintenance	5/29/2019
WKO-10090	RRP-OPB-BFP-SCHP-7A	Schwing Pump 7	Quarterly- Oil Change Conveyor Gearbox 7	Maintenance	Preventive Maintenance	5/29/2019
WKO-10081	RRP-SCB-RBD-1, RRP-SCB-RBD-2	Receiving Bin Door 1, Receiving Bin Door 2	Monthly - Door Inspection PM	Maintenance	Preventive Maintenance	5/29/2019

ID#	Asset ID#	Asset Description(s)	Description	Work Order Group	Work Order Type ¹³⁴	Date Done
WKO-10089	RRP-SCB-SCH-1A	Schwing Pump 1	Quarterly- Oil Change Conveyor Gearbox 1	Maintenance	Preventive Maintenance	5/29/2019
WKO-10093	RRP-SCB-SCH-2A	Schwing Pump 2	Quarterly- Oil Change Conveyor Gearbox 2	Maintenance	Preventive Maintenance	5/29/2019
WKO-10094	RRP-SCB-SCH-3A	Schwing Pump 3	Quarterly- Oil Change Conveyor Gearbox 3	Maintenance	Preventive Maintenance	5/29/2019
WKO-10052	VEH-001	Ford F250 Supercab 2007 XJ547G	Semi-Annual Vehicle Maintenance XJ547G	Maintenance	Preventive Maintenance	5/29/2019
WKO-10092	RRP-OPB-BFP-SCHP-5A	Schwing Pump 5	Quarterly- Oil Change Conveyor Gearbox 5	Maintenance	Preventive Maintenance	5/29/2019
WKO-10067	VEH-005	Chevy Silverado XY550F	Semi-Annual Vehicle Maintenance XY550F	Maintenance	Preventive Maintenance	5/29/2019
WKO-10105	RRP-OPB-BFP-SCHP-5A, RRP-OPB-BFP-SCHP-6A, RRP-OPB-BFP-SCHP-7A, RRP-SCB-SCH-1A, RRP- SCB-SCH-2A, RRP-SCB-SCH-3A, RRP-SCB-SCH-4A	Schwing Pump 1, Schwing Pump 2, Schwing Pump 3, Schwing Pump 4, Schwing Pump 5, Schwing Pump 6, Schwing Pump 7	Weekly - Schwing Pump Hydraulic Oil Level Check	Maintenance	Preventive Maintenance	5/31/2019

Total Monthly Preventive Maintenance Orders = 113

STONY BROOK REGIONAL SEWERAGE AUTHORITY

Construction

Resolution Affirming the Policy for Contracting for Professional Services

Resolution No. 2017-03

Date: March 27, 2017

WHEREAS, the Stony Brook Regional Sewerage Authority (SBRSA) is a public body organized under the New Jersey Sewerage Authority Law N.J.S.A. 40:14A-1 et seq.; and

WHEREAS, SBRSA is subject to the Local Public Contracts Law N.J.S.A. 40A:11 et seq. and the "Pay to Play" law N.J.S.A. 19:44A-20.4 et seq.; and

WHEREAS, SBRSA has been given a critically important responsibility from our member municipalities through the SBRSA Amended Service Contract dated November 1, 1977 and from the New Jersey Department of Environmental Protection (NJDEP) through our air and water permits; and

WHEREAS, that responsibility is stated in our "Mission Statement" that "SBRSA will maintain public health and protect the ecosystem by effectively treating and disposing of wastewater and its byproducts in an environmentally and fiscally responsible manner, for our participating member municipalities"; and

WHEREAS, the SBRSA Board members understand and accept this responsibility; and

WHEREAS, the SBRSA Board chooses staff leadership (Executive Director, Assistant Executive Director/Engineer and the Chief Financial Officer) who understand and accept this responsibility as well; and

WHEREAS, the staff leadership in turn hires employees who also understand and accept this responsibility; and

WHEREAS, it is necessary for SBRSA to engage in contracts for the services of professional consultants through professional service contracts to assist SBRSA in meeting its responsibility; and

WHEREAS, the Board has delegated the recommendation of professional consultants to staff leadership; and

WHEREAS, based on the type and scope of services, staff leadership may solicit multiple proposals through the Request for Proposal (RFP) process; and

WHEREAS, when multiple proposals are requested, the proposals will be evaluated by staff leadership based on the consultant's overall value, namely their expertise, understanding of the proposed project, experience of the firm and personnel assigned to the project, and cost; and

WHEREAS, there will be instances where the staff leadership recommends a single professional consultant without soliciting other proposals because the staff believes that the recommended consultant has unique experience to perform the required scope of work; and

WHEREAS, it is the policy of SBRSA that professional consultant contracts shall be awarded in accordance with the Local Public Contracts Law N.J.S.A. 40A:11-1 et seq. and the "Pay to Play" law N.J.S.A. 19:44A-20.4 et seq.; and

WHEREAS, it is the obligation of the Board to review and consider for approval all professional consultant contracts, and no contract shall be effective until approved by a majority of the Board members voting with a quorum present at a meeting held at a time and place and in a manner consistent with the Open Public Meetings Act, N.J.S.A. 10:4-6 et seq.

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

1. Selection of professional services including attorneys, auditors, consultants, and engineers will be in accordance with the Local Public Contracts Law N.J.S.A. 40A:11-1 et seq. and the "Pay to Play" law N.J.S.A. 19:44A-20.4 et seq.
2. The definition of Professional services included in Local Public Contract Law N.J.S.A. 40A:11-2 states:

"Professional services" means services rendered or performed by a person authorized by law to practice a recognized profession, whose practice is regulated by law, and the performance of which services requires knowledge of an advanced type in a field of learning acquired by a prolonged formal course of specialized instruction and study as distinguished from general academic instruction or apprenticeship and training. Professional services may also mean services rendered in the provision or performance of goods or services that are original and creative in character in a recognized field of artistic endeavor."

3. The Local Public Contracts Law N.J.S.A. 40A:11-5 also states exceptions as indicated below:

"Any contract the amount of which exceeds the bid threshold, may be negotiated and awarded by the governing body without public advertising for bids and bidding therefor and shall be awarded by resolution of the governing body if:

(1) The subject matter thereof consists of:

(a) (i) Professional services. The governing body shall in each instance state supporting reasons for its action in the resolution awarding each contract and shall forthwith cause to be printed once, in the official newspaper, a brief notice stating the nature, duration, service and amount of the contract, and that the resolution and contract are on file and available for public inspection in the office of the clerk of the county or municipality, or, in the case of a contracting unit created by more than one

county or municipality, of the counties or municipalities creating such contracting unit; ...”

4. SBRSA, will whenever possible (the first option), award contracts through the “no political contributions allowed” process pursuant to N.J.S.A. 19:44A-20.4 *et seq.* SBRSA will require “Pay to Play” forms consisting of “Political Contribution Disclosure and Stockholder Disclosure Certification” and “Business Entity Disclosure Certification” for all professional service contracts over \$17,500 and as such, any entity of the professional service firm controlling in excess of 10% of the company cannot make 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 the contract, nor make a reportable contribution during the term of the contract to any political party committee within the Stony Brook Regional Sewerage Authority service area, Mercer County, and Middlesex County if a member of that political party is serving in an elective public office within the Stony Brook Regional Sewerage Authority service area, Mercer County, and Middlesex County when the contract is awarded, or to any candidate committee of any person serving in an elective public office within the service area of the Stony Brook Regional Sewerage Authority, Mercer County, and Middlesex County when the contract is awarded.
5. All professional service contracts over the current bid threshold (\$17,500 as of the date of this resolution) will require the Pay to Play forms to be submitted ten (10) days prior to award of any contract or the award will be contingent upon receipt of the Pay to Play forms. Contracts will not be executed prior to the ten (10) day period. The Pay to Play forms are updated annually by SBRSA and will be provided to the professional consultants.
6. Staff leadership, through their experience and understanding of the professional service required, shall recommend professional consultants to the Board for its consideration. Such recommendations shall be accompanied by a summary of the providers considered and the reasons for the recommendation. In cases where only one provider is considered, the staff leadership shall provide to the Board the reasons why they believe that no other consultant should be considered. The Board may require staff to solicit multiple proposals whenever it believes it is in the best interests of the Authority.
7. Annual Advice contracts are awarded each fiscal year and used to advise staff on various issues that occur throughout the year as deemed necessary by staff. These contracts may include general engineering advice, New Jersey Pollution Discharge Elimination System (NJPDES) permit advice, incinerator inspections/advice, incinerator regulations/permit advice, Information Technology (IT) Advice, labor counsel, general counsel, and the annual audit.

These contracts will normally be awarded through the "No Political Contributions Allowed" process. The service contracts with consultants are recommended for approval to the Board based on their expertise, experience, attitude (perfection seekers), and knowledge and most importantly familiarity of the SBRSA facilities. Professional service contracts are awarded on a time charge basis with an associated hourly rate and an amount not to exceed without prior approval from the Board or on an agreed upon hourly rate (as in the case of counsel). The not to exceed amount is recommended by staff. Each professional consultant is required to submit a written detail of work performed with each invoice that includes description of each task and associated personnel, hours, and rate. Auditors will not be awarded consecutive annual contracts for more than 5 years.

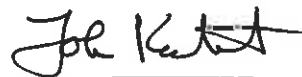
8. Final approval of any professional service contract will be the Board's responsibility through a resolution and recorded vote.

MOVED: Downey
 SECONDED: Patel
 ADOPTED: March 27, 2017

Recorded Vote:

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

I HEREBY CERTIFY that the forgoing is a true and accurate copy of a Resolution adopted by the Stony Brook Regional Sewerage Authority at their Board Meeting on March 27, 2017.


 John Kantorek, P.E.
 Secretary
 3/28/17
 Date



STONY BROOK REGIONAL SEWERAGE AUTHORITY

HOPEWELL BOROUGH • HOPEWELL TOWNSHIP • PENNINGTON BOROUGH
PRINCETON • SOUTH BRUNSWICK TOWNSHIP • WEST WINDSOR TOWNSHIP

=====

**NOTE: Please phone sandwich
order in to Angela Christiano, ext. 224**

=====

MEMORANDUM

TO: C. Schuyler Morehouse, Chairman
Pamela Switlik
Miguel Vilaro-Munet

FROM: Christopher Doelling, Manager of Engineering

DATE: June 21, 2019

SUBJECT: June 24, 2019 Construction Committee Meeting

The following agenda is proposed for the Construction Committee meeting to be held at 7:00 p.m. on June 24, 2019.

Engineer's Report

Studies/General

- Upstream Facilities Process Evaluation/Planning Study
- Odor Sampling and Evaluation

Action Item: Resolution 2019-36 Authorizing the Award of a "No Political Contributions Allowed" Contract to TRC for Odor Sampling and Analysis at the River Road WWTP

Design

- River Road WWTP UV Disinfection/Filtration Design

Action Item: Resolution 2019-46 Authorizing Application for a Loan from the New Jersey Environmental Infrastructure Financing Program

Construction

- Contract 14-1 SBRSA Emergency Generator Project
- Contract 16-1 Schwing Pump Replacement Project
- Contract 17-1 Pennington WWTP Upgrade and Expansion
- Contract 18-3 Millstone Pump Station Odor Control Improvements

Small Capital Projects

- Contract 18-5 Millstone Pump Station Parshall Flume Replacement Project
- Contract 19-1 Nitrification Clarifier No. 2 Improvements Project
- RRWWTP Operations Building Roof Replacement Project

Action Item: Resolution 2019-44 Authorizing the Award of River Road WWTP Operations Building Roof Replacement Project

Process Control/SCADA

- Field trial of new flow meter

- Plant Influent Flow Meter
- Information Technology

c: D. Alexander, Esq., C. Bixby, R. Hess, J. Ireland, P. Irizarry, R. Kunert, A. Pchola, C.J. Pizarro, M. Rahimi, S. Roga, J. Sears, K. Stewart, M. Thomas

CONSTRUCTION REPORT JUNE 2019

Studies/General:

Upstream Facilities Process Evaluation/Planning Study: Staff (Engineering and Operations) met with Kleinfelder on June 12, 2019 to review the draft Hopewell STP Process Evaluation/Planning Study. Kleinfelder is working to address SBRSA concerns and incorporate our comments.

Phosphorous Impact Modeling Study: There has been no change to the status of this project.

NJPDES Permits: There has been no change to the status of these permits.

Odor Sampling and Evaluation: At the request of staff, TRC has submitted a proposal to conduct a two-day odor sampling at the River Road Wastewater Treatment Plant and two off site locations (Brookline Court and Chestnut Court in the Montgomery Woods development) and evaluation of the sampling. TRC has provided this service for several years. This data is used as a historical benchmark for the levels of odors around the plant site. The sampling will be scheduled in August 2019, pending Board approval. The cost for this work is \$18,980 (see attached proposal from TRC dated June 11, 2019). The cost of the 2018 study was \$18,530. TRC has provided the required Pay-to-Play and insurance forms. Staff recommends approval of this contract as indicated in Resolution 2019-36.

Action Item: *Resolution 2019-36 Authorizing the Award of a “No Political Contributions Allowed” Contract to TRC for Odor Sampling and Analysis at the River Road WWTP*

Design:

River Road WWTP UV Disinfection/Filtration Design: Kleinfelder continues with the design of this project. Staff visited the Ewing-Lawrence Sewerage Authority (ELSA) on May 10, 2019 to review their existing UV disinfection system installation of similar equipment and staff provided additional comments to Kleinfelder for incorporation into the SBRSA design.

Steps 1 and 2 of the loan application process for funding through the New Jersey Water Bank – NJWB have been completed and we have been assigned an official a Water Bank project number: S340400-11. Submission of the Letter of Intent (Application Step 3 - Environmental Planning Document) is currently in progress. Staff is requesting approval of Resolution 2019-46, which authorizes the submission of the application for a loan from the New Jersey Water Bank - NJWB (formerly New Jersey Environmental Infrastructure Financing Program - NJEIFP)

Action Item: *Resolution 2019-46 Authorizing Application for a Loan from The New Jersey Water Bank*

Staff met with the Princeton Planning Board on June 5, 2019 to discuss preliminary details of the project. On June 29, 2019 staff received an email from Princeton indicating that the Planning Board Officers determined that this project will require a “major site plan” application/submittal.

Construction:

Contract 14-1 SBRSA Emergency Generator Project: This project stands at 99% complete. On May 23, 2019 Centrica was on-site and completed the repairs to the natural gas generator engine, successfully completed a load test of the new emergency generator system and returned the system to normal operation. Thomas Controls, Inc. is in the process of completing all open Punch List items and submitting the final documents required for contract close-out.

Contract 16-1 Schwing Pump Replacement Project: This project stands at 90% complete. During the past reporting period, MBE installed and completed a manufacturer's start-up of four (4) motor-operated valves for Incinerators 1 and 2. Installation of the new valves and bypass piping for Schwing pumps 3 and 4 are planned for the week of June 24, 2019. Once the bypass piping and valves are installed, all work for this project will be complete.

Contract 17-1 Pennington WWTP Upgrade and Expansion: As of Progress Payment No. 9 this project stands at approximately 51% complete. During the past reporting period CMS: Placed concrete for seven (7) floor sections and eight (8) wall sections of the Orbal Tanks; installed rebar and placed concrete for the Post Aeration Tank walls and "stairs;" completed excavation, installed rebar and placed concrete for the Secondary Influent Distribution Chamber; completed excavation, installed rebar and placed concrete for the Primary Influent Distribution Chamber; completed installation of Primary Effluent, Primary Force Main and Service Water suction piping; installed the Sludge Thickening Tank Mechanism; completed installation of brickwork and installed roof decking and steel at the UV/Filter Building; continued installation of conduit and site piping from the Operations Building Electrical Room to the new UV/Filter Building; and installed conduit for the new electrical service. The Contractor also took receipt of the following equipment: Post Aeration aerator, various flow meters, Secondary Clarifier mechanisms and drives, Sludge Storage Tank mixer, and the sludge pumps.

Contract 18-3 Millstone Pump Station Odor Abatement Design: Submittals for the major, long lead-time items, such as the FRP ductwork, the odor control fan, the high plume fan, and the carbon adsorber vessel, have been submitted by the contractor, B.R. Welding. Several submittals were returned to the contractor with the comment "Amend and Resubmit" including the carbon adsorber. B.R. Welding is currently working on the re-submittals for the abovementioned equipment and materials.

Small Capital Projects:

Contract 18-5 Millstone Pump Station Parshall Flume Replacement Project: The new Parshall flume has been delivered. In preparation for the flume installation, the contractor installed a temporary flow meter in the upstream manhole on June 17, 2019. This flow meter will be monitored and optimized before being brought online as the primary flow meter while the existing Parshall flume is removed and replaced. Installation of the new flume is expected to commence soon.

Contract 19-1 Nitrification Clarifier No. 2 Improvements Project: The contractor, Iron Hills Construction continues to submit shop drawings for the equipment and materials. Sandblasting and painting of clarifier components began on June 17, 2019.

RRWWTP Operations Building Roof Replacement Project: SBRSA staff received two quotations for replacement of the Operations Building roof. The details of the quotations were clarified and confirmed on June 19, 2019 (see Table 1 for quote summary). The roof will be replaced under the Mercer County Cooperative purchasing agreement.

Table 1. Quote Summary

<i>Bidder</i>	<i>Quote Amount</i>
Mike's Roofing, Inc. t/a VMG GROUP	\$187,568.30
Life Roofing, LLC	\$335,000.00

The quote from the lowest responsible contractor, VMG GROUP, was reviewed and found to complete, and as advised in the attached memo dated June 20, 2019, staff recommends awarding the project to Mike's Roofing, Inc. t/a VMG GROUP of Roselle, New Jersey in the amount of \$187,568.30.

Action Item: *Resolution 2019-44 Authorizing the Award of River Road WWTP Operations Building Roof Replacement Project*

Process Control/SCADA

The monthly flow meter verification was conducted by staff on May 31, 2019. Preventative maintenance was completed for all field devices and process control loops.

SBRSA staff continues its evaluation of the Pulsar DUET ultrasonic flow metering device. The Pulsar DUET meter output is currently operating as the billing meter.

Plant Influent Flow Meter: SBRSA staff continues with the calibration checks on the two (2) flow transmitters to establish historical accuracy data on each transmitter. Attached is the comparison summary of the sum of our billing meters versus the River Road plant influent meter.

Information Technology: Our current virtualization provider, Xen, has removed several features necessary for maintaining smooth daily operations. IT has begun testing alternative platforms. A single test server has been setup with the new provider and so far, performance has been excellent.

Over the past month we had 'delayed communication' and 'lost communication' issues on the communications circuit for the pump stations. IT repaired the circuit and performance of the circuit has returned to normal.

IT built and is testing a software tool that will assist SBRSA staff in mapping and managing printers.

A primary domain controller hosting services vital to SBRSA operation partially failed during the week of March 10, 2019. A replacement primary domain controller has been installed and configured.

June 11, 2019

Ms. Antonia Pchola
Asst. Executive Director
290 River Road
Princeton, NJ 08540

TRC Proposal No.: 347214.9990

Dear Ms. Pchola;

Per your request TRC is providing you with a cost estimate to conduct the annual odor sampling and evaluation of the odor sources at the SBRSA facility in Princeton, NJ. This letter serves as your authorization for TRC to proceed with the following services:

Collect and perform odor evaluations on a total of 36 samples to be collected over 2 days in August at a mutually agreeable date.

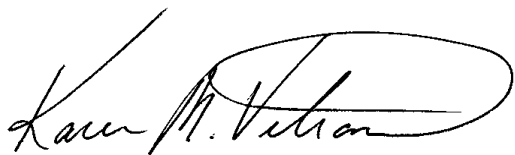
The samples will consist of the re-sampling of all odor sources which were sampled in August 2018. These locations will be sampled on both days. Results will be presented to you in a letter report as mean D/T, primary odor character, and odor intensity. The odor panel worksheets will also be supplied to you, as they will contain the panel's perceptions of the odor character. Please note this quote does not include odor modeling. Should you wish odor modeling to be conducted, a separate quote will be provided to you.

TRC will provide SBRSA with the required insurance certificate prior to the beginning of work.

TRC's cost estimate for the above services is \$ 18,980.00 on a time and materials basis and is governed by TRC's 2019 Environmental Rate Schedule which is attached. The cost includes 2 TRC personnel to conduct the sample collection, 2 days of odor evaluation of 36 samples, the letter report, materials and all associated traveling costs. Your agreement is indicated by signing and dating this letter in the space provided below. A faxed copy is sufficient for us to proceed with the work.

Very Truly Yours,

TRC Environmental Corporation

A handwritten signature in black ink, appearing to read "Karen M. Vetrano", with a large, stylized loop at the end.

Karen M. Vetrano, Ph.D.
Manager, Risk Assessment and Toxicology

SBRSA
June 11, 2019
Page 2

AGREED AND ACCEPTED:

Stony Brook Regional Sewerage Authority
(Company Name)

By: _____

Date: _____

TRC Proposal No.: 347214.9990.0000

2019 TRC Schedule of Environmental Rates and Terms

TRC Environmental 2019 Rate Schedule

CODE	TRC LABOR CLASSIFICATION/CATEGORY	HOURLY LABOR RATE
	PRINCIPAL/TECHNICAL DIRECTOR	
EV28	Level IV	\$298
EV27	Level III	260
EV26	Level II	232
EV25	Level I	216
	PROGRAM MANAGER/SENIOR TECHNICAL MANAGER	
EV24	Level IV	\$208
EV23	Level III	194
EV22	Level II	188
EV21	Level I	180
	PROJECT/TECHNICAL MANAGER	
EV20	Level IV	\$173
EV19	Level III	164
EV18	Level II	158
EV17	Level I	152
	SENIOR SCIENTIST/ENGINEER/SPECIALIST	
EV16	Level IV	\$146
EV15	Level III	139
EV14	Level II	133
EV13	Level I	127
	PROJECT SCIENTIST/ENGINEER/SPECIALIST	
EV12	Level IV	\$121
EV11	Level III	114
EV10	Level II	108
EV09	Level I	101
	SCIENTIST/ENGINEER/SPECIALIST, TECHNICIANS, AND PROJECT SUPPORT	
EV08	Level VIII	\$95
EV07	Level VII	89
EV06	Level VI	83
EV05	Level V	77
EV04	Level IV	70
EV03	Level III	64
EV02	Level II	58
EV01	Level I	47

(1) A 15% Mark-up will be added to non-labor costs and expenses/ODCs.

(2) A 6% Communication Fee will be applied to all labor charges in lieu of separate reimbursement for photocopying, report production, faxing, computer usage, routine software usage, telephone charges, and postage costs.

(3) A 2% fee will be applied to the invoice amount to cover Professional Liability and Related Insurance costs.

(4) Overtime rates will apply to non-exempt (hourly) staff in conformance with applicable law.

(5) TRC rates are subject to an annual calendar year escalation.

(6) Invoicing will apply TRC billing rates in conformance with the rate schedule in effect at the time of the services.

(7) For Litigation or Litigation Support Services, please request a copy of our Standard Rates for Litigation Services.

**Stony Brook Regional Sewerage Authority
Resolution Authorizing Application for a Loan from
The New Jersey Water Bank**

Resolution No. 2019-46

Date: June 24, 2019

Project No. S340400-11

WHEREAS, the Stony Brook Regional Sewerage Authority intends to file an application with the New Jersey Department of Environmental Protection and the New Jersey Environmental Infrastructure Trust for Contract 19-2: River Road Wastewater Treatment Plant UV Disinfection and Effluent Filtration Project.

NOW, THEREFORE BE IT RESOLVED, that Antonia Pchola, Executive Director be authorized to act as the Authorized Representative to represent the Stony Brook Regional Sewerage Authority in all matters relating to the project undertaken pursuant to the above referenced New Jersey Environmental Infrastructure Loan to be executed with the New Jersey Department of Environmental Protection and the New Jersey Environmental Infrastructure Trust including signing of the loan application, the professional services affidavit and the professional services agreements. The Authorized Representative may be contacted at 290 River Road, Princeton, NJ 08540 and telephone number 609 924-8881 extension 207.

MOVED:

SECONDED:

ADOPTED: June 24, 2019

Recorded Vote:

AYE

NO

ABSTAIN

ABSENT

Gale D. Downey
David A. Goldfarb
C. Schuyler Morehouse
Bharat Patel
Pamela Switlik
Miguel Vilaro-Munet

I HEREBY CERTIFY that the forgoing is a true and accurate copy of a Resolution adopted by the Stony Brook Regional Sewerage Authority at their Board Meeting held on June 24, 2019.

Antonia Pchola, P.E.
Secretary

Date

sbrsa
MEMORANDUM

to: Antonia Pchola, Executive Director
from: Christopher Doelling, Manager of Engineering
Courtney B. Bixby, Assistant Manager of Engineering 
subject: Award of River Road WWTP Operations Building Roof Replacement Project
date: June 20, 2019

On June 19, 2019 two (2) proposals were received for the for the River Road WWTP Operations Building Roof Replacement Project.

The proposals were solicited through the Mercer County Cooperative Contract Purchasing System, Bid No. CK09MERCER2018-06 COUNTWIDE ROOF REPAIRS FOR THE COUNTY OF MERCER AND THE MERCER COUNTY COOPERATIVE CONTRACT PURCHASING SYSTEM, of which the Authority is a member.

In accordance with the requirements of the bid, proposals were obtained from the two contractors listed on the bid, see attached proposals.

The scope of work and the two contractor's proposals have been reviewed by SBRSA Engineering staff and the specified roofing systems manufacturer's representative and were found to be in order and in compliance with the bid requirements.

Based on the above, it is recommended that the River Road WWTP Operations Building Roof Replacement Project be awarded to the lowest bidder Mike's Roofing, Inc. t/a VMG GROUP in the amount of \$187,568.30.

**Stony Brook Regional Sewerage Authority
River Road Wastewater Treatment Plant Operations Building Roof Replacement
Scope of Work**

- A. Complete tear off existing roof down to structural metal deck. This deck has been determined to have minimal slope. All materials shall be removed from the site and properly disposed of in an approved waste disposal facility.
- B. Supply and install 6-layer Garland Co. built-up roofing system as follows:
 - 1. Mechanically fasten new 1/2" gypsum recovery board (Securock, Densdeck, or approved equal) to metal deck staggering all joints.
 - 2. Install new HPR Torch Base vapor barrier over gypsum recovery board
 - 3. Install new 4' X 4' insulation boards that make up 1/8" tapered polyisocyanurate insulation system starting at 1/2" at the low point (near internal drains). 1/8" tapered insulation system includes 1/2" crickets per proposed tapered drawing. Install new insulation boards staggering all joints adhered to vapor barrier in insulation adhesive.
 - 4. Install new 1/2" gypsum recovery board (Securock, Densdeck or approved equal) to tapered insulation system staggering all joints in insulation adhesive.
 - 5. Install new HPR Torch Base Membrane (smooth surfaced base sheet) to new gypsum recovery board.
 - 6. Install new StressPly IV Mineral (mineral surfaced cap sheet) to new Base Membrane sheet.
- C. Replace ALL internal drains with new drain bowl assemblies.
- D. Prime all exposed concrete, wood or metal surfaces to ensure proper bonding of base sheet.
- E. Replace All plumbing stack lead sleeves.
- F. 3-Course repair all vertical perimeter and curb flashing seams with aluminized mastic and fiberglass mesh.

Contractor shall provide all materials and labor necessary to provide a complete, manufacturer guaranteed (30-year roof manufacturer's warranty) roofing system as described above.

**Stony Brook Regional Sewerage Authority
River Road Wastewater Treatment Plant
Operations Building Roof Replacement Proposal ⁽¹⁾**

Description	Quantity	Units	Unit Price	Extended Price
Labor				
Roofer, Journeyman	960	Hours	66.38	63,724.80
Roofer, Helper		Hours		
Materials				
Materials, Equipment, Disposal	1	L.S.	112,585	112,585
Sub-Total				176,309.80
Material Profit (10%)				11,258.50
Total				187,568.30

(1) Mercer County Cooperative Contract CK09MERCER2018-06

VMG Group certify that the above indicated price
(insert company name)

provides all materials, labor, and equipment necessary for the installation of the complete roofing system as described on page 1 of this proposal.

Mike Bojce
(print name)

PM
(title)

M. Zejir
(signature)

6/17/19
(date)

**Stony Brook Regional Sewerage Authority
River Road Wastewater Treatment Plant Operations Building Roof Replacement
Scope of Work**

- A. Complete tear off existing roof down to structural metal deck. This deck has been determined to have minimal slope. All materials shall be removed from the site and properly disposed of in an approved waste disposal facility.
- B. Supply and install 6-layer Garland Co. built-up roofing system as follows:
 - 1. Mechanically fasten new 1/2" gypsum recovery board (Securock, Densdeck, or approved equal) to metal deck staggering all joints.
 - 2. Install new HPR Torch Base vapor barrier over gypsum recovery board
 - 3. Install new 4' X 4' insulation boards that make up 1/8" tapered polyisocyanurate insulation system starting at 1/2" at the low point (near internal drains). 1/8" tapered insulation system includes 1/2" crickets per proposed tapered drawing. Install new insulation boards staggering all joints adhered to vapor barrier in insulation adhesive.
 - 4. Install new 1/2" gypsum recovery board (Securock, Densdeck or approved equal) to tapered insulation system staggering all joints in insulation adhesive.
 - 5. Install new HPR Torch Base Membrane (smooth surfaced base sheet) to new gypsum recovery board.
 - 6. Install new StressPly IV Mineral (mineral surfaced cap sheet) to new Base Membrane sheet.
- C. Replace ALL internal drains with new drain bowl assemblies.
- D. Prime all exposed concrete, wood or metal surfaces to ensure proper bonding of base sheet.
- E. Replace All plumbing stack lead sleeves.
- F. 3-Course repair all vertical perimeter and curb flashing seams with aluminized mastic and fiberglass mesh.

Contractor shall provide all materials and labor necessary to provide a complete, manufacturer guaranteed (30-year roof manufacturer's warranty) roofing system as described above.

Description	Quantity	Units	Unit Price	Extended Price
Labor				
Roofer, Journeyman	816	Hours	\$9.98	73,424
Roofer, Helper	250.20	Hours	\$9.98	20,513
Materials			205,330.-	\$205,330.00
Materials, Equipment, Disposal	1	L.S.	12,000.-	12,000.00
Sub-Total				313,267.00
Material Profit (10%)				21,733.00
Total				\$335,000.00

Life Roofing LLC certify that the above indicated price
(insert company name)

Jeffrey Rebock
(print name)

SR Estimator
(title)

Jeff. Rebeck
(signature)

6/19/19
(date)

**Resolution Authorizing the Award of
River Road WWTP Operations Building Roof Replacement Project**

Resolution No. 2019-44

Date: June 24, 2019

WHEREAS, on May 30, 2018 the Stony Brook Regional Sewerage Authority (Authority) passed Resolution 2018-30 establishing membership in the Mercer County Cooperative Pricing System CK09-MERCER; and

WHEREAS, the Authority solicited proposals in accordance with the requirements of the Mercer County Cooperative Contract Purchasing System, Bid No. CK09MERCER2018-06 COUNTWIDE ROOF REPAIRS FOR THE COUNTY OF MERCER AND THE MERCER COUNTY COOPERATIVE CONTRACT PURCHASING SYSTEM for the “River Road WWTP Operations Building Roof Replacement Project”; and

WHEREAS, two (2) proposals were received by the Authority on June 19, 2019, as more fully set forth as attached; and

WHEREAS, the two proposals were reviewed by Authority staff and an authorized representative of the roofing system manufacturer; and

WHEREAS, the proposal submitted by Mike’s Roofing, Inc. t/a VMG GROUP in the amount of \$187,568.30 was found to be the lowest proposal; and

WHEREAS, the proposal submitted by Mike’s Roofing, Inc. t/a VMG GROUP was found to meet all the requirements set forth in the proposal Scope of Work; and

WHEREAS, the Authority CFO has certified funds are available in the unrestricted fund balance.

NOW, THEREFORE, BE IT RESOLVED by the Stony Brook Regional Sewerage Authority that it hereby accepts the proposal of Mike’s Roofing, Inc. t/a VMG GROUP in the amount of \$187,568.30; 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 and to take all measures necessary to effectuate the terms of this Resolution and;

BE IT FURTHER RESOLVED that this Resolution shall take effect immediately.

MOVED:

SECONDED:

ADOPTED: June 24, 2019

Recorded Vote: AYE NO ABSTAIN ABSENT

Gale D. Downey
David A. Goldfarb
C. Schuyler Morehouse
Bharat Patel
Pamela Switlik
Miguel Vilaro-Munet

I HEREBY CERTIFY that the forgoing is a true and accurate copy of a Resolution adopted by the Stony Brook Regional Sewerage Authority at their Board Meeting on June 24, 2019.

Antonia Pchola, P.E.
Secretary

Date

**STONY BROOK REGIONAL SEWERAGE AUTHORITY
RIVER ROAD WWTP OPERATIONS BUILDING ROOF REPLACEMENT PROJECT**

PROPOSAL SUMMARY

<i>Bidder</i>	<i>Proposal Amount</i>
Mike's Roofing, Inc. t/a VMG GROUP 288 Cox Street Roselle, NJ 07203	\$187,568.30
Life Roofing, LLC 419 South Whitehorse Pike Audubon, NJ 08106	\$335,000.00

Summary of Meter Summation vs. River Road STP Influent Meter

Date	Sum of Meters Monthly Avg, gpd	River Road STP Influent Meter Monthly Avg, gpd	% Difference of influent Meter to the Sum of the Meters	
Apr-17	11,763,406	12,782,552	8.7%	
May-17	10,967,622	11,373,832	3.7%	
Jun-17	9,116,932	9,494,868	4.1%	
Jul-17	7,901,198	8,590,449	8.7%	
Aug-17	8,284,786	9,089,071	9.7%	
Sep-17	7,593,205	8,471,762	11.6%	
Oct-17	7,424,587	8,266,626	11.3%	
Nov-17	8,040,432	8,416,014	4.7%	
Dec-17	7,876,980	8,341,277	5.9%	
Jan-18	8,839,269	9,275,477	4.9%	
Feb-18	13,023,007	13,801,485	6.0%	
Mar-18	13,892,556	14,868,811	7.0%	
Apr-18	10,784,404	11,595,046	7.5%	
May-18	11,911,979	12,485,588	4.8%	
Jun-18	9,931,429	10,208,472	2.8%	
Jul-18	8,868,172	9,071,169	2.3%	
Aug-18	8,034,343	8,196,427	2.0%	
Sep-18	9,497,480	9,874,543	4.0%	
Oct-18	9,104,823	9,335,490	2.5%	
Nov-18	13,803,979	14,288,369	3.5%	
Dec-18	12,682,739	13,278,220	4.7%	
Jan-19	12,829,856	12,825,078	0.0%	
Feb-19	11,792,361	11,960,090	1.4%	
Mar-19	11,988,363	12,287,679	2.5%	
Apr-19	10,292,662	10,395,062	1.0%	
	daily avg, gpd	daily avg, gpd		Notes
May-19				
1	9,833,898	9,730,660	-1.0%	
2	9,672,901	9,674,259	0.0%	(2)
3	9,367,870	9,318,257	-0.5%	
4	9,218,875	9,036,294	-2.0%	
5	11,951,478	12,016,710	0.5%	
6	14,945,867	15,643,714	4.7%	
7	12,219,091	12,738,604	4.3%	
8	12,821,031	13,474,940	5.1%	
9	11,576,161	12,094,799	4.5%	
10	10,973,308	11,385,119	3.8%	(1)
11	10,458,611	10,792,838	3.2%	
12	15,065,408	15,409,349	2.3%	
13	19,242,694	19,771,263	2.7%	
14	19,224,942	19,805,571	3.0%	
15	15,610,912	16,474,434	5.5%	
16	13,586,121	14,234,604	4.8%	
17	12,300,938	12,783,126	3.9%	(1)
18	11,218,017	11,593,306	3.3%	
19	11,231,624	11,520,872	2.6%	
20	10,954,552	11,112,330	1.4%	
21	10,258,500	10,383,064	1.2%	
22	9,908,023	9,897,600	-0.1%	
23	9,706,178	9,722,243	0.2%	
24	9,359,377	9,350,338	-0.1%	(1)
25	8,759,302	8,764,768	0.1%	
26	8,620,719	8,550,006	-0.8%	
27	8,686,409	8,516,932	-2.0%	
28	8,908,368	8,982,484	0.8%	
29	10,854,498	11,016,567	1.5%	
30	12,505,505	13,370,160	6.9%	
31	13,296,547	14,284,505	7.4%	(1)
Average	11,688,314	11,982,249	2.5%	

Staff replaced the low side influent meter with a new meter on May 21, 2018.

The "old" low side meter was re-ranged and switched to the high side.

Notes: *Meter Check/Calibration

(1) No Adjustments

(2) Adj. zero, Low Side

(3) Adj. zero, High Side

STONY BROOK REGIONAL SEWERAGE AUTHORITY

Finance

Stony Brook Regional Sewerage Authority

Summary of Key Financial Figures

May 31, 2019

<u>Page No.</u>	<u>Item</u>	<u>May 31, 2019</u>	<u>April 30, 2019</u>
	Voucher List	\$1,990,899.42	\$2,273,845.23
	Voucher List-supplemental list		
1	Net Income (Loss)	\$754,956.00	\$677,585.00
5	Total Cash & Investments	\$18,421,033	\$18,281,937
5	Average Interest Rate	1.58%	1.57%
8	Total Current Projects Balance	\$8,349,969	\$9,307,379
8	Current Funding Sources	\$12,718,998	\$10,711,917
9	Summary of Outstanding Bond Issues	\$17,577,119	\$17,577,119
10	NJ Cash Management Yield	2.39%	2.38%

Action Items and FYI items

Resolution #2019-37 - Payment of Bills and Claims

Resolution #2019-39 - Rejecting Bid for the Supply of Schwing Pump
Parts and Authorizing Re-Bid

Resolution #2019-40 - Certifying Member Review of the 2018 Audit

Resolution #2019-41 - Authorizing the Award of a "No Political Contributions Allowed"
Contract for Bond Counsel Services

Resolution #2019-42 - Authorizing the Award of a "No Political Contributions Allowed"
Contract(s) for Non-Professional Service Vendors

> Further details of the above are provided in the attached schedules.

> Figures are unaudited.

RESOLUTION REGARDING PAYMENT OF BILLS AND CLAIMS

Resolution No. 2019-37

Dated: June 24, 2019

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 \$1,990,899.42 be approved for payment with checks bearing two authorized signatures instead of three authorized signatures.

CHAIRMAN

TREASURER

EXECUTIVE DIRECTOR

MOVED:

SECONDED:

ADOPTED: June 24, 2019

<u>Recorded Vote:</u>	<u>AYE</u>	<u>NO</u>	<u>ABSTAIN</u>	<u>ABSENT</u>
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Gale D. Downey
David A. Goldfarb
C. Schuyler Morehouse
Bharat Patel
Pamela Switlik
Miguel Vilaro-Munet

I HEREBY CERTIFY that the forgoing is a true and accurate copy of a Resolution adopted by the Stony Brook Regional Sewerage Authority at their Board Meeting on June 24, 2019.

Antonia Pchola, Secretary

Date

SUPERION
DATE: 06/19/2019
TIME: 11:59:55

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ACCTPA21

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FUND - 0001 - GENERAL FUND

Pre Paid

CASH ACCT	CHECK NO	ISSUE DT	VENDOR	NAME	DEPARTMENT	ACCNT	----DESCRIPTION----	SALES TAX	AMOUNT
0001	51990	06/10/19	678TRE	TREASURER, STATE OF	6000	3507	BFCE REG. RENEWAL F	0.00	323.00
0001	51991	06/24/19	932ADP	ADP, LLC	1000	3513	PAYROLL 6/8	0.00	190.38
0001	51991	06/24/19	932ADP	ADP, LLC	1000	3513	PAYROLL 5/4	0.00	193.67
0001	51991	06/24/19	932ADP	ADP, LLC	1000	3513	TIME CLOCK 6/14	0.00	720.00
0001	51991	06/24/19	932ADP	ADP, LLC	1000	3513	PAYROLL 5/11-6/1	0.00	822.93
TOTAL CHECK									1,926.98
0001	51992	06/24/19	987AIR	AIRGAS USA, LLC	4000	4510	MAY RENT/SUPPLIES	0.00	309.00
0001	51993	06/24/19	213ALF	ALFA LAVAL, INC.	5000	4525	QUOTE #2218055	0.00	8,321.02
0001	51993	06/24/19	213ALF	ALFA LAVAL, INC.	5000	4525	AS4168029 CYL..HYD.	0.00	3,655.77
0001	51993	06/24/19	213ALF	ALFA LAVAL, INC.	5000	4525	AS4980488 BELT SUPP	0.00	1,570.36
TOTAL CHECK									13,547.15
0001	51994	06/24/19	267ALS	ALS ENVIRONMENTAL	2000	4515	GRP C 3/31	0.00	22.00
0001	51994	06/24/19	267ALS	ALS ENVIRONMENTAL	2000	4515	GRP R 5/8	0.00	25.00
0001	51994	06/24/19	267ALS	ALS ENVIRONMENTAL	2000	4515	GRP D 5/7	0.00	34.00
0001	51994	06/24/19	267ALS	ALS ENVIRONMENTAL	2000	4515	GRP D 5/7	0.00	34.00
0001	51994	06/24/19	267ALS	ALS ENVIRONMENTAL	2000	4515	GRP D 5/7	0.00	34.00
0001	51994	06/24/19	267ALS	ALS ENVIRONMENTAL	2000	4515	GRP Q 5/7	0.00	59.00
0001	51994	06/24/19	267ALS	ALS ENVIRONMENTAL	2000	4515	LAB TEST GRP R 6/10	0.00	25.00
0001	51994	06/24/19	267ALS	ALS ENVIRONMENTAL	2000	4515	LAB TEST GRP Q 6/10	0.00	59.00
TOTAL CHECK									292.00
0001	51995	06/24/19	434AME	AMERICAN AQUATIC TE	2000	4515	RR BIOASSAY 3/7	0.00	1,100.00
0001	51997	06/24/19	876AME	AMERICAN WEAR	6000	4511	UNIFORMS 5/17	0.00	1.57
0001	51997	06/24/19	876AME	AMERICAN WEAR	7000	4511	UNIFORMS 5/24	0.00	2.22
0001	51997	06/24/19	876AME	AMERICAN WEAR	7000	4511	UNIFORMS 5/31	0.00	2.22
0001	51997	06/24/19	876AME	AMERICAN WEAR	7000	4511	UNIFORMS 5/17	0.00	3.34
0001	51997	06/24/19	876AME	AMERICAN WEAR	6000	4511	UNIFORMS 5/31	0.00	3.48
0001	51997	06/24/19	876AME	AMERICAN WEAR	6000	4511	UNIFORMS 5/24	0.00	3.48
0001	51997	06/24/19	876AME	AMERICAN WEAR	2000	4511	UNIFORMS 5/31	0.00	10.27
0001	51997	06/24/19	876AME	AMERICAN WEAR	2000	4511	UNIFORMS 5/24	0.00	10.27
0001	51997	06/24/19	876AME	AMERICAN WEAR	2000	4511	UNIFORMS 5/17	0.00	12.56
0001	51997	06/24/19	876AME	AMERICAN WEAR	4000	4511	UNIFORMS 5/24	0.00	31.41
0001	51997	06/24/19	876AME	AMERICAN WEAR	4000	4511	UNIFORMS 5/31	0.00	31.41
0001	51997	06/24/19	876AME	AMERICAN WEAR	4000	4511	UNIFORMS 5/17	0.00	48.86
0001	51997	06/24/19	876AME	AMERICAN WEAR	5000	4513	UNIFORMS 5/31	0.00	65.00
0001	51997	06/24/19	876AME	AMERICAN WEAR	5000	4513	UNIFORMS 5/17	0.00	65.00
0001	51997	06/24/19	876AME	AMERICAN WEAR	5000	4513	UNIFORMS 5/24	0.00	65.00
0001	51997	06/24/19	876AME	AMERICAN WEAR	5000	4511	UNIFORMS 5/31	0.00	73.04
0001	51997	06/24/19	876AME	AMERICAN WEAR	5000	4511	UNIFORMS 5/24	0.00	73.04
0001	51997	06/24/19	876AME	AMERICAN WEAR	3000	4511	UNIFORMS 5/17	0.00	101.40
0001	51997	06/24/19	876AME	AMERICAN WEAR	3000	4511	UNIFORMS 5/24	0.00	111.52
0001	51997	06/24/19	876AME	AMERICAN WEAR	3000	4511	UNIFORMS 5/31	0.00	111.52
0001	51997	06/24/19	876AME	AMERICAN WEAR	7000	4511	UNIFORMS 5/17	0.00	137.35
0001	51997	06/24/19	876AME	AMERICAN WEAR	7000	4511	UNIFORMS 6/7	0.00	2.22
0001	51997	06/24/19	876AME	AMERICAN WEAR	7000	4511	UNIFORMS 6/14	0.00	2.22
0001	51997	06/24/19	876AME	AMERICAN WEAR	6000	4511	UNIFORMS 6/14	0.00	3.48
0001	51997	06/24/19	876AME	AMERICAN WEAR	6000	4511	UNIFORMS 6/7	0.00	3.48

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FUND - 0001 - GENERAL FUND

CASH ACCT	CHECK NO	ISSUE DT	VENDOR	NAME	DEPARTMENT	ACCNT	-----DESCRIPTION-----	SALES TAX	AMOUNT
0001	51997	06/24/19	876AME	AMERICAN WEAR	2000	4511	UNIFORMS 06/14	0.00	10.27
0001	51997	06/24/19	876AME	AMERICAN WEAR	2000	4511	UNIFORMS 6/7	0.00	10.27
0001	51997	06/24/19	876AME	AMERICAN WEAR	4000	4511	UNIFORMS 6/14	0.00	31.47
0001	51997	06/24/19	876AME	AMERICAN WEAR	4000	4511	UNIFORMS 6/7	0.00	31.47
0001	51997	06/24/19	876AME	AMERICAN WEAR	5000	4513	MATS 6/7	0.00	65.00
0001	51997	06/24/19	876AME	AMERICAN WEAR	5000	4513	MATS 6/14	0.00	65.00
0001	51997	06/24/19	876AME	AMERICAN WEAR	5000	4511	UNIFORMS 6/7	0.00	74.16
0001	51997	06/24/19	876AME	AMERICAN WEAR	5000	4511	UNIFORMS 6/14	0.00	74.16
0001	51997	06/24/19	876AME	AMERICAN WEAR	3000	4511	UNIFORMS 6/14	0.00	109.24
0001	51997	06/24/19	876AME	AMERICAN WEAR	3000	4511	UNIFORMS 6/7	0.00	109.24
TOTAL CHECK								0.00	1,555.64
0001	51998	06/24/19	264ANG	ANGELA CHRISTIANO	1000	3508	RETIRMENT GIFT PC	0.00	212.31
0001	51999	06/24/19	597APP	APPLIED INDUSTRIAL	5000	4525	MARTIN-S324X2"KW2SS	0.00	2,020.00
0001	51999	06/24/19	597APP	APPLIED INDUSTRIAL	5000	4525	ESTIMATE SHIPPING	0.00	137.63
TOTAL CHECK								0.00	2,157.63
0001	52000	06/24/19	522ARI	AMETEK BROOKFIELD	3000	4506	JEROME FTM CALIBRAT	0.00	480.00
0001	52001	06/24/19	707AVA	AVAYA	7000	3505	TELEPHONE SERV JUN	0.00	1,099.54
0001	52002	06/24/19	286AVO	AVON CARPET CLEANIN	5000	4513	CARPET CLEAN MAY	0.00	175.00
0001	52002	06/24/19	286AVO	AVON CARPET CLEANIN	5000	4513	TRAILER MAY	0.00	75.00
TOTAL CHECK								0.00	250.00
0001	52003	06/24/19	854BEY	BEYER FORD LLC	5000	4530	NJ STATE CONTRACT #	0.00	23,145.00
0001	52003	06/24/19	854BEY	BEYER FORD LLC	5000	4530	TRANSFER CASE & FUE	0.00	100.00
0001	52003	06/24/19	854BEY	BEYER FORD LLC	5000	4530	TRAILER PLUG INSTAL	0.00	185.00
0001	52003	06/24/19	854BEY	BEYER FORD LLC	5000	4530	SPRAY-IN BED LINER	0.00	575.00
0001	52003	06/24/19	854BEY	BEYER FORD LLC	5000	4530	BACK UP ALARM	0.00	175.00
0001	52003	06/24/19	854BEY	BEYER FORD LLC	5000	4530	VEHICAL UNDERCOATIN	0.00	490.00
0001	52003	06/24/19	854BEY	BEYER FORD LLC	5000	4530	9,900 GVWR PACKAGE	0.00	250.00
0001	52003	06/24/19	854BEY	BEYER FORD LLC	5000	4530	LED ROOF CLEARANCE	0.00	95.00
0001	52003	06/24/19	854BEY	BEYER FORD LLC	5000	4530	3.73 AXLE RATIO W/E	0.00	390.00
0001	52003	06/24/19	854BEY	BEYER FORD LLC	5000	4530	POWER EQUIPMENT GRO	0.00	915.00
0001	52003	06/24/19	854BEY	BEYER FORD LLC	5000	4530	PLATFORM RUNNING BO	0.00	320.00
0001	52003	06/24/19	854BEY	BEYER FORD LLC	5000	4530	UPFITTER SWITCHES (0.00	165.00
0001	52003	06/24/19	854BEY	BEYER FORD LLC	5000	4530	TIMBRENS IN FRONT	0.00	425.00
0001	52003	06/24/19	854BEY	BEYER FORD LLC	5000	4530	WESTERN PLOW	0.00	5,295.00
0001	52003	06/24/19	854BEY	BEYER FORD LLC	5000	4530	BACK RACK	0.00	495.00
0001	52003	06/24/19	854BEY	BEYER FORD LLC	5000	4530	AMBER STOB E LIGHT M	0.00	395.00
0001	52003	06/24/19	854BEY	BEYER FORD LLC	5000	4530	(2) UB LED SCENE/WO	0.00	595.00
0001	52003	06/24/19	854BEY	BEYER FORD LLC	5000	4530	(4) CORNER AMBER LE	0.00	695.00
0001	52003	06/24/19	854BEY	BEYER FORD LLC	5000	4530	2" BALL AND PINTLE	0.00	385.00
TOTAL CHECK								0.00	35,090.00
0001	52004	06/24/19	856BUC	BUCKMAN'S INC.	3000	4516	CAUSTIC 25% 6/4 #5	0.00	610.90
0001	52005	06/24/19	878CAO	CAOLA COMPANY INC.	3000	4506	BLANK KEYS	0.00	24.00
0001	52006	06/24/19	242CHA	CHAMPION DISPOSAL S	3000	4509	GRIT 6/10	0.00	975.21

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FUND - 0001 - GENERAL FUND

CASH ACCT	CHECK NO	ISSUE DT	VENDOR	NAME	DEPARTMENT	ACCNT	-----DESCRIPTION-----	SALES TAX	AMOUNT
0001	52007	06/24/19	071CHA	CHAVOND-BARRY ENG.	1000	4009	GEN. ADVICE MAY'19	0.00	1,050.00
0001	52007	06/24/19	071CHA	CHAVOND-BARRY ENG.	1000	4009	GENERAL ADVICE MAY	0.00	3,138.75
TOTAL CHECK								0.00	4,188.75
0001	52008	06/24/19	247CHR	CHRIS DOELLING	4000	3512	WEA CONF. MILES REI	0.00	125.82
0001	52008	06/24/19	247CHR	CHRIS DOELLING	4000	3512	WEA CONF. FOOD	0.00	31.80
TOTAL CHECK								0.00	157.62
0001	52009	06/24/19	079COL	COLE PARMER INSTRUM	4000	4512	EW-27021-50 ORP ELE	0.00	204.93
0001	52009	06/24/19	079COL	COLE PARMER INSTRUM	4000	4512	EW-27021-50 ORP ELE	0.00	204.93
0001	52009	06/24/19	079COL	COLE PARMER INSTRUM	4000	4512	SHIPPING	0.00	14.56
0001	52009	06/24/19	079COL	COLE PARMER INSTRUM	4000	4512	SHIPPING	0.00	14.56
TOTAL CHECK								0.00	438.98
0001	52010	06/24/19	789COM	COMCAST	7000	3505	CABLE SERV RR -6/16	0.00	291.85
0001	52010	06/24/19	789COM	COMCAST	7000	3505	CABLE SERV RR -7/16	0.00	291.85
0001	52010	06/24/19	789COM	COMCAST	7000	3505	CABLE SERV HP-6/13	0.00	281.85
0001	52010	06/24/19	789COM	COMCAST	7000	3505	CABLE SERV PN-6/9	0.00	281.85
0001	52010	06/24/19	789COM	COMCAST	7000	3505	CABLE SERV PN-7/9	0.00	281.85
TOTAL CHECK								0.00	1,429.25
0001	52011	06/24/19	246CON	CONSTELLATION NEWEN	3000	4505	ELEC TRAILER -5/14	0.00	82.52
0001	52011	06/24/19	246CON	CONSTELLATION NEWEN	3000	4505	ELEC HOPE -6/4	0.00	1,916.79
0001	52011	06/24/19	246CON	CONSTELLATION NEWEN	3000	4505	ELEC PENN -5/7	0.00	2,438.02
0001	52011	06/24/19	246CON	CONSTELLATION NEWEN	3000	4505	ELEC BASIN -5/24	0.00	4,552.09
0001	52011	06/24/19	246CON	CONSTELLATION NEWEN	3000	4505	ELEC HARRISON -5/31	0.00	7,061.01
TOTAL CHECK								0.00	16,050.43
0001	52012	06/24/19	084COO	COOPER PEST CONTROL	6000	3511	PEST SER. RR MAY	0.00	50.56
0001	52012	06/24/19	084COO	COOPER PEST CONTROL	6000	3511	PEST SER. RR PUMP M	0.00	45.00
0001	52012	06/24/19	084COO	COOPER PEST CONTROL	6000	3511	PEST SER. HOPE. MAY	0.00	45.00
0001	52012	06/24/19	084COO	COOPER PEST CONTROL	6000	3511	PEST SER. PENN MAY	0.00	45.00
TOTAL CHECK								0.00	185.56
0001	52013	06/24/19	959COY	COYNE CHEMICAL	3000	4518	BISULF 38% 5/10	0.00	1,263.35
0001	52013	06/24/19	959COY	COYNE CHEMICAL	3000	4518	BISULF 38% 5/24	0.00	1,478.32
0001	52013	06/24/19	959COY	COYNE CHEMICAL	3000	4518	BISULF 38% 5/17	0.00	1,539.50
0001	52013	06/24/19	959COY	COYNE CHEMICAL	3000	4518	BISULF 38% 6/4	0.00	1,785.89
TOTAL CHECK								0.00	6,067.06
0001	52014	06/24/19	313DEL	DELL MARKETING LP	7000	3511	AA355583 VLA WINDOW	0.00	2,507.60
0001	52014	06/24/19	313DEL	DELL MARKETING LP	7000	3511	AA355584 VLA WINDOW	0.00	947.80
0001	52014	06/24/19	313DEL	DELL MARKETING LP	7000	3511	AA356636 VLA SQL SE	0.00	1,158.42
0001	52014	06/24/19	313DEL	DELL MARKETING LP	7000	3511	A9922476 VLA SQL SE	0.00	2,312.53
0001	52014	06/24/19	313DEL	DELL MARKETING LP	7000	3511	AA359171 VLA SQL PE	0.00	2,022.00
TOTAL CHECK								0.00	8,948.35
0001	52015	06/24/19	257DEZ	DEZURIK	5000	4512	QUOTE #144485 PEC,	0.00	2,499.00
0001	52015	06/24/19	257DEZ	DEZURIK	5000	4512	PEC,6,F1,C1,NBR,CR,	0.00	1,651.00
0001	52015	06/24/19	257DEZ	DEZURIK	5000	4512	CHAIN STD LINK: CHW	0.00	50.00
TOTAL CHECK								0.00	4,200.00

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FUND - 0001 - GENERAL FUND

CASH	ACCT	CHECK	NO	ISSUE	DT	VENDOR	NAME	DEPARTMENT	ACCNT	-----DESCRIPTION-----	SALES TAX	AMOUNT
0001		52016		06/24/19	987DIR	DIRECT ENERGY BUSIN	3000		4502	NATURAL GAS MAY	0.00	39,396.29
0001		52017		06/24/19	789DON	DON HILTY	6000		4501	SAFETY SHOES 2019	0.00	94.95
0001		52018		06/24/19	878DUR	DURR SYSTEMS, INC.	5000		4510	ON-SITE INSPECTION	0.00	2,100.00
0001		52019		06/24/19	123EAS	EASTERN AUTOPARTS W	5000		5001	OIL	0.00	34.86
0001		52019		06/24/19	123EAS	EASTERN AUTOPARTS W	5000		5001	OIL	0.00	34.86
0001		52019		06/24/19	123EAS	EASTERN AUTOPARTS W	5000		5001	OIL	0.00	34.86
0001		52019		06/24/19	123EAS	EASTERN AUTOPARTS W	5000		5001	OIL	0.00	34.86
TOTAL	CHECK										0.00	139.44
0001		52020		06/24/19	326EMA	EMA	7000		4004	IT PLANNING MAY'19	0.00	720.00
0001		52021		06/24/19	384ETH	ETHAN SMITH	3000		4507	COURSE WASTEWATER	0.00	1,300.00
0001		52022		06/24/19	827EVO	EVOQUA WATER TECHNO	3000		4519	TEXTONE XL 5/21	0.00	6,852.60
0001		52022		06/24/19	827EVO	EVOQUA WATER TECHNO	3000		4519	TEXTONE XL 6/10	0.00	7,128.00
0001		52022		06/24/19	827EVO	EVOQUA WATER TECHNO	2000		4515	D.I. WATER	0.00	997.34
TOTAL	CHECK										0.00	14,977.94
0001		52023		06/24/19	399FWW	F.W. WEBB COMPANY	5000		4512	PLUMBING PARTS	0.00	117.36
0001		52023		06/24/19	399FWW	F.W. WEBB COMPANY	5000		4512	PLUMBING PARTS	0.00	141.18
0001		52023		06/24/19	399FWW	F.W. WEBB COMPANY	5000		4525	BACVKFLOW PARTS	0.00	474.56
0001		52023		06/24/19	399FWW	F.W. WEBB COMPANY	5000		4512	SUPP	0.00	575.80
0001		52023		06/24/19	399FWW	F.W. WEBB COMPANY	5000		4512	VALVE/FITTINGS 6/7	0.00	514.14
0001		52023		06/24/19	399FWW	F.W. WEBB COMPANY	5000		4512	VALVE/FITTINGS 6/7	0.00	532.16
TOTAL	CHECK										0.00	2,355.20
0001		52024		06/24/19	846FAS	FASTENAL	5000		4512	TOOLS/SUPPLIES	0.00	381.01
0001		52024		06/24/19	846FAS	FASTENAL	5000		4512	TOOLS/SUPPLIES	0.00	536.40
0001		52024		06/24/19	846FAS	FASTENAL	5000		4512	GLOVES	0.00	1,000.60
0001		52024		06/24/19	846FAS	FASTENAL	5000		4512	10, DRAW CHST 4/12	0.00	565.19
0001		52024		06/24/19	846FAS	FASTENAL	5000		4512	7 DRAW. CABNT 5/6	0.00	1,001.96
0001		52024		06/24/19	846FAS	FASTENAL	5000		4525	5/13 HARDWARE SUPP	0.00	155.60
TOTAL	CHECK										0.00	3,640.76
0001		52025		06/24/19	497FIS	FISHER SCIENTIFIC C	2000		4523	SUPPLIES 5/15	0.00	24.60
0001		52025		06/24/19	497FIS	FISHER SCIENTIFIC C	2000		4523	SUPPLIES 5/17	0.00	143.62
TOTAL	CHECK										0.00	168.22
0001		52026		06/24/19	551FOS	FOSTER & COMPANY IN	5000		4512	8140843 ALL IN ONE	0.00	1,065.16
0001		52026		06/24/19	551FOS	FOSTER & COMPANY IN	5000		4512	620-1452 MRO SAFETY	0.00	95.69
0001		52026		06/24/19	551FOS	FOSTER & COMPANY IN	5000		4512	16-05 MRO ALUMINMAT	0.00	128.41
0001		52026		06/24/19	551FOS	FOSTER & COMPANY IN	5000		4512	620-1427 MRO SAFETY	0.00	95.69
0001		52026		06/24/19	551FOS	FOSTER & COMPANY IN	5000		4512	16-516 REFLECTIVE Y	0.00	147.46
0001		52026		06/24/19	551FOS	FOSTER & COMPANY IN	5000		4512	GROMMET ASST.	0.00	168.16
0001		52026		06/24/19	551FOS	FOSTER & COMPANY IN	5000		4512	FREIGHT	0.00	17.81
0001		52026		06/24/19	551FOS	FOSTER & COMPANY IN	5000		4512	FREIGHT	0.00	9.44
TOTAL	CHECK										0.00	1,727.82

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CASH ACCT	CHECK NO	ISSUE DT	VENDOR	NAME	DEPARTMENT	ACCNT	----DESCRIPTION----	SALES TAX	AMOUNT
0001	52027	06/24/19	572FRE	FREEHOLD CARTAGE, I	3000	4510	MOVE SLUDGE TRAILER	0.00	200.00
0001	52027	06/24/19	572FRE	FREEHOLD CARTAGE, I	5000	3511	SLAG RENT. APRIL '19	0.00	175.00
0001	52027	06/24/19	572FRE	FREEHOLD CARTAGE, I	5000	3511	SLAG RENT. MAY	0.00	175.00
TOTAL CHECK								0.00	550.00
0001	52028	06/24/19	444GRA	GARY W. GRAY TRUCKI	3000	4509	ASH 19 LDS MAY	0.00	9,006.00
0001	52029	06/24/19	456GRE	GREENWOOD PRODUCTS,	2000	4523	01 0001 120ML STERI	0.00	81.94
0001	52029	06/24/19	456GRE	GREENWOOD PRODUCTS,	2000	4523	01 0051 120 ML STER	0.00	114.21
0001	52029	06/24/19	456GRE	GREENWOOD PRODUCTS,	2000	4523	SHIPPING	0.00	10.00
TOTAL CHECK								0.00	206.15
0001	52030	06/24/19	753HAR	HARPER CONTROL SOLU	5000	4525	QUOTE #2190506-7003	0.00	3,075.00
0001	52030	06/24/19	753HAR	HARPER CONTROL SOLU	5000	4525	ESTIMATED FREIGHT	0.00	75.00
TOTAL CHECK								0.00	3,150.00
0001	52031	06/24/19	158HES	HESCO ELECTRICAL SU	4000	4512	ELEC PARTS 5/20	0.00	9.36
0001	52031	06/24/19	158HES	HESCO ELECTRICAL SU	4000	4512	CLAMPS 5/15	0.00	14.82
0001	52031	06/24/19	158HES	HESCO ELECTRICAL SU	5000	4512	PVC TOGGLE 5/20	0.00	25.20
0001	52031	06/24/19	158HES	HESCO ELECTRICAL SU	4000	4512	STRAIN RELIEF CONN	0.00	42.00
0001	52031	06/24/19	158HES	HESCO ELECTRICAL SU	5000	4512	BOOSTER 5/20	0.00	71.88
0001	52031	06/24/19	158HES	HESCO ELECTRICAL SU	5000	4512	ELEC PARTS 5/20	0.00	143.00
0001	52031	06/24/19	158HES	HESCO ELECTRICAL SU	5000	4512	STRUT, PLATE, FIXTU	0.00	470.40
0001	52031	06/24/19	158HES	HESCO ELECTRICAL SU	5000	4512	SUPP	0.00	148.40
TOTAL CHECK								0.00	925.06
0001	52032	06/24/19	166HIG	HIGHLANDS INDUSTRIA	5000	4510	SERV CALL 4/23/19	0.00	1,256.25
0001	52033	06/24/19	444HOM	HOME DEPOT/GECF	5000	4512	TOOLS/SUPPLIES	0.00	310.69
0001	52033	06/24/19	444HOM	HOME DEPOT/GECF	5000	4512	DUP PAYMENT	0.00	-574.06
0001	52033	06/24/19	444HOM	HOME DEPOT/GECF	5000	4512	SUPPLIES	0.00	25.79
0001	52033	06/24/19	444HOM	HOME DEPOT/GECF	1000	3506	REPLACE GIFT CARD	0.00	30.00
0001	52033	06/24/19	444HOM	HOME DEPOT/GECF	5000	4512	BOOSTER PUMP PARTS	0.00	264.37
0001	52033	06/24/19	444HOM	HOME DEPOT/GECF	5000	4512	WOOD	0.00	279.80
0001	52033	06/24/19	444HOM	HOME DEPOT/GECF	5000	4512	SUPPLIES	0.00	329.63
0001	52033	06/24/19	444HOM	HOME DEPOT/GECF	5000	4512	SUPPLIES	0.00	543.94
TOTAL CHECK								0.00	1,210.16
0001	52034	06/24/19	497HOU	HOUGH PETROLEUM	5000	5002	GULF HARMONY AW 46	0.00	1,474.80
0001	52035	06/24/19	463IND	INDIAN HARBOR INSUR	1000	4001	RETENTION OBLIGATIO	0.00	942.50
0001	52036	06/24/19	435IND	INDUSTRIAL CONTROLS	6000	4530	SPXCDULNL2RM CHLORI	0.00	1,934.33
0001	52036	06/24/19	435IND	INDUSTRIAL CONTROLS	6000	4530	SPXCDULNS2RM SULFUR	0.00	1,934.34
TOTAL CHECK								0.00	3,868.67
0001	52037	06/24/19	180JWK	J.W. KENNEDY, INC.	5000	5002	GAS RENT. MAY	0.00	72.00
0001	52038	06/24/19	753JCI	JCI JONES CHEMICALS	3000	4517	HYPO 15% 6/3 #22	0.00	3,669.90
0001	52038	06/24/19	753JCI	JCI JONES CHEMICALS	3000	4517	HYPO 15% 5/14	0.00	3,297.84
0001	52038	06/24/19	753JCI	JCI JONES CHEMICALS	3000	4517	HYPO 15% 5/23	0.00	3,779.10
TOTAL CHECK								0.00	10,746.84

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0001	52039	06/24/19	515JOS	JOSEPH JINGOLI & SO	5000	4510	EMERGENCY REPAIR EF	0.00	14,878.74
0001	52040	06/24/19	567JOS	JOSEPH LAVENBERG	5000	3501	REIMB MILES JUNE	0.00	359.60
0001	52041	06/24/19	516KLE	KLEINFELDER EAST, I	1000	4007	ENG. ADVICE -6/4	0.00	6,237.50
0001	52041	06/24/19	516KLE	KLEINFELDER EAST, I	1000	4007	NJPDES PERMIT-6/3	0.00	1,032.50
0001	52041	06/24/19	516KLE	KLEINFELDER EAST, I	1000	4008	'19 ANN. INSP. -5/2	0.00	3,144.86
0001	52041	06/24/19	516KLE	KLEINFELDER EAST, I	0001	0280	RR UV/EFF FILTER-5/	0.00	11,130.02
TOTAL CHECK								0.00	21,544.88
0001	52042	06/24/19	310KON	KONICA MINOLTA BUSI	1000	3511	COPIER MAY'19	0.00	183.26
0001	52043	06/24/19	789KYL	KYLE STEWART	3000	3512	FOOD	0.00	72.24
0001	52043	06/24/19	789KYL	KYLE STEWART	3000	3501	MILES WEA CONF	0.00	123.50
TOTAL CHECK								0.00	195.74
0001	52044	06/24/19	159LEX	LEXISNEXIS, DIVISIO	2000	3503	-5/31/20 RENEWAL	0.00	900.00
0001	52045	06/24/19	123LIS	LISA WALKER	1000	3501	-5/30/19 MILEAGE RE	0.00	80.74
0001	52046	06/24/19	225LOC	LOCKWOOD'S ELECTRIC	5000	4512	REF-11 FAN MOTOR 5/	0.00	138.00
0001	52047	06/24/19	228MAC	MACK INDUSTRIES, IN	5000	4512	CARR-HC43VL460 CARR	0.00	278.89
0001	52047	06/24/19	228MAC	MACK INDUSTRIES, IN	5000	4512	CARR-L680613 CARRIE	0.00	63.20
0001	52047	06/24/19	228MAC	MACK INDUSTRIES, IN	5000	4512	HW-7061A1038 UV-FLA	0.00	2,281.56
0001	52047	06/24/19	228MAC	MACK INDUSTRIES, IN	5000	4512	HW-R7861A1026 SELF	0.00	481.88
0001	52047	06/24/19	228MAC	MACK INDUSTRIES, IN	5000	4512	HW-RM7890B1048 ON-O	0.00	410.15
0001	52047	06/24/19	228MAC	MACK INDUSTRIES, IN	5000	4512	HW-S7800A1001 KEYBO	0.00	388.68
0001	52047	06/24/19	228MAC	MACK INDUSTRIES, IN	5000	4512	SHIPPING	0.00	25.00
0001	52047	06/24/19	228MAC	MACK INDUSTRIES, IN	5000	4530	PENNINGTON PLANT BO	0.00	19,665.00
TOTAL CHECK								0.00	23,594.36
0001	52048	06/24/19	417MAG	MAGELLAN BEHAVIORAL	1000	3508	EMPLOYEE ASST. -9/1	0.00	385.50
0001	52049	06/24/19	627MAR	MARAZITI, FALCON &	1000	4001	AIR PERMIT MAY	0.00	367.79
0001	52049	06/24/19	627MAR	MARAZITI, FALCON &	1000	4001	GENERAL MAY	0.00	440.00
0001	52049	06/24/19	627MAR	MARAZITI, FALCON &	1000	4001	LEGAL SERV MAY	0.00	1,364.00
0001	52049	06/24/19	627MAR	MARAZITI, FALCON &	1000	4002	RETAINER MAY	0.00	1,500.00
TOTAL CHECK								0.00	3,671.79
0001	52050	06/24/19	222MAR	MARTIN MARIETTA MAG	3000	4522	MAG 6/7 #22	0.00	8,687.50
0001	52050	06/24/19	222MAR	MARTIN MARIETTA MAG	3000	4522	MAG 5/13	0.00	8,050.00
0001	52050	06/24/19	222MAR	MARTIN MARIETTA MAG	3000	4522	MAG 5/22	0.00	8,606.25
0001	52050	06/24/19	222MAR	MARTIN MARIETTA MAG	3000	4522	MAG 5/31	0.00	8,637.50
TOTAL CHECK								0.00	33,981.25
0001	52051	06/24/19	627MAT	MATTHEW GARZON	6000	4501	SAFETY BOOTS 2019	0.00	150.00
0001	52052	06/24/19	753MIC	MICHAEL HILTY	5000	3501	REIMB. MILES JUNE	0.00	108.17
0001	52053	06/24/19	101MIR	MIRACLE CHEMICAL CO	3000	4517	HYP0.15% 5/14 #6	0.00	1,752.80

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0001	52053	06/24/19	101MIR	MIRACLE CHEMICAL CO	3000	4517	HYPO.15% 5/16 #6	0.00	359.95
0001	52053	06/24/19	101MIR	MIRACLE CHEMICAL CO	3000	4517	HYPO.15% B6/14 LD7	0.00	344.30
TOTAL CHECK								0.00	2,457.05
0001	52054	06/24/19	698MYT	MYTHICS, INC.	7000	3511	2ND QRT 5/17/19	0.00	616.31
0001	52055	06/24/19	495NEW	NEW JERSEY AMERICAN	3000	4504	WATER RR -5/24	0.00	862.34
0001	52055	06/24/19	495NEW	NEW JERSEY AMERICAN	3000	4504	WATER RR FIRE -5/24	0.00	124.81
0001	52055	06/24/19	495NEW	NEW JERSEY AMERICAN	3000	4504	WATER RR PPS -5/24	0.00	1,464.41
0001	52055	06/24/19	495NEW	NEW JERSEY AMERICAN	3000	4504	WATER HARRISON -5/2	0.00	1,304.59
0001	52055	06/24/19	495NEW	NEW JERSEY AMERICAN	3000	4504	WATER BRUNSWICK -5/	0.00	742.65
TOTAL CHECK								0.00	4,498.80
0001	52056	06/24/19	846NEW	NEW JERSEY ANALYTIC	2000	4515	NITRATE	0.00	76.88
0001	52056	06/24/19	846NEW	NEW JERSEY ANALYTIC	2000	4515	HET./NITRATE	0.00	123.00
0001	52056	06/24/19	846NEW	NEW JERSEY ANALYTIC	2000	4515	TEST NITRATE	0.00	76.88
TOTAL CHECK								0.00	276.76
0001	52057	06/24/19	453NJA	NJ ADVANCE MEDIA, L	1000	3509	ADVERT. SCHWING 5/2	0.00	30.16
0001	52058	06/24/19	657NJR	NJR CLEAN ENERGY VE	3000	4505	SOLAR MAY 2019	0.00	22,845.76
0001	52058	06/24/19	657NJR	NJR CLEAN ENERGY VE	3000	4505	SOLAR APRIL '19	0.00	22,039.54
TOTAL CHECK								0.00	44,885.30
0001	52059	06/24/19	667NJW	NJWEA	4000	4507	104TH ANNUAL CONFER	0.00	350.00
0001	52059	06/24/19	667NJW	NJWEA	4000	4507	HAZARDOUS WASTE	0.00	109.00
0001	52059	06/24/19	667NJW	NJWEA	4000	4507	CONFERENCE REG WEDN	0.00	85.00
0001	52059	06/24/19	667NJW	NJWEA	4000	4507	CHRISTOPHER DOELLIN	0.00	170.00
0001	52059	06/24/19	667NJW	NJWEA	3000	4507	KYLE E STEWART	0.00	435.00
0001	52059	06/24/19	667NJW	NJWEA	2000	4507	HOSSEIN RAHIMI	0.00	175.00
0001	52059	06/24/19	667NJW	NJWEA	1000	4507	ANTONIA PCHOLA	0.00	170.00
0001	52059	06/24/19	667NJW	NJWEA	1000	4507	ANTONIA PCHOLA MEMB	0.00	95.00
TOTAL CHECK								0.00	1,589.00
0001	52060	06/24/19	159NOR	NORTHERN SAFETY CO.	6000	4501	202732 WHEEL CHOCKS	0.00	118.95
0001	52060	06/24/19	159NOR	NORTHERN SAFETY CO.	6000	4501	190628 L LARGE WELD	0.00	60.12
0001	52060	06/24/19	159NOR	NORTHERN SAFETY CO.	6000	4501	190628 XL X-LARGE W	0.00	60.12
0001	52060	06/24/19	159NOR	NORTHERN SAFETY CO.	6000	4501	6622 3M RESPIRATOR	0.00	170.50
0001	52060	06/24/19	159NOR	NORTHERN SAFETY CO.	6000	4501	7417 L 3M LARGE RES	0.00	505.65
0001	52060	06/24/19	159NOR	NORTHERN SAFETY CO.	6000	4501	11207 NY BUMP CAPS	0.00	114.90
0001	52060	06/24/19	159NOR	NORTHERN SAFETY CO.	6000	4501	176494 14X20 VINYL	0.00	51.64
0001	52060	06/24/19	159NOR	NORTHERN SAFETY CO.	6000	4501	3154 PORTABLE EMERG	0.00	50.34
0001	52060	06/24/19	159NOR	NORTHERN SAFETY CO.	6000	4501	29976 V710 7X10 ADH	0.00	71.20
0001	52060	06/24/19	159NOR	NORTHERN SAFETY CO.	6000	4501	30475 V710 7X10 ADH	0.00	71.20
0001	52060	06/24/19	159NOR	NORTHERN SAFETY CO.	6000	4501	29809DP1014 10X14 D	0.00	14.24
0001	52060	06/24/19	159NOR	NORTHERN SAFETY CO.	6000	4501	29809DP1014 10X14 D	0.00	132.40
0001	52060	06/24/19	159NOR	NORTHERN SAFETY CO.	6000	4501	25577 R RIGID PLAST	0.00	22.40
0001	52060	06/24/19	159NOR	NORTHERN SAFETY CO.	6000	4501	29129 FULL FACE PRO	0.00	231.50
0001	52060	06/24/19	159NOR	NORTHERN SAFETY CO.	6000	4501	36033 LE 6 LARGE SA	0.00	52.72
0001	52060	06/24/19	159NOR	NORTHERN SAFETY CO.	6000	4501	36033 LE XL X-LARGE	0.00	26.36
0001	52060	06/24/19	159NOR	NORTHERN SAFETY CO.	6000	4501	36033 LE 2XL 2XL SA	0.00	26.36
0001	52060	06/24/19	159NOR	NORTHERN SAFETY CO.	6000	4501	30313 7X10 ADHESIVE	0.00	56.96

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CASH ACCT	CHECK NO	ISSUE DT	VENDOR	NAME	DEPARTMENT	ACCNT	-----DESCRIPTION-----	SALES TAX	AMOUNT
TOTAL CHECK								0.00	1,837.56
0001	52061	06/24/19	688NTT	NTT DATA SERVICES L	7000	3511	CLOUD ST. JUNE/MAY	0.00	299.63
0001	52061	06/24/19	688NTT	NTT DATA SERVICES L	7000	3511	CLOUD STR. MAY/APR'	0.00	625.40
TOTAL CHECK								0.00	925.03
0001	52062	06/24/19	812OAK	OAKSTONE WELLNESS	3000	3503	TSEP TOP SAFETY ENG	0.00	71.28
0001	52062	06/24/19	812OAK	OAKSTONE WELLNESS	3000	3503	SHIPPING	0.00	35.70
TOTAL CHECK								0.00	106.98
0001	52063	06/24/19	663ONE	ONE CALL CONCEPTS	4000	4510	MARK OUT MAY'19	0.00	14.96
0001	52064	06/24/19	194P3G	P3 GENERATORS, LLC	5000	4510	SERVICE 5/24	0.00	269.50
0001	52065	06/24/19	784PDF	PDF ELECTRIC & SUPP	4000	4512	IC693PWR330 HIGH CA	0.00	245.00
0001	52065	06/24/19	784PDF	PDF ELECTRIC & SUPP	4000	4512	IC693CPU372 CPU 372	0.00	2,988.00
0001	52065	06/24/19	784PDF	PDF ELECTRIC & SUPP	4000	4512	SHIPPING	0.00	20.00
0001	52065	06/24/19	784PDF	PDF ELECTRIC & SUPP	4000	4512	IC693ALG220 VOLTAGE	0.00	1,010.08
0001	52065	06/24/19	784PDF	PDF ELECTRIC & SUPP	4000	4512	IC693ALG220 VOLTAGE	0.00	329.92
TOTAL CHECK								0.00	4,593.00
0001	52066	06/24/19	291PED	PEDRONI FUEL COMPAN	5000	5002	UNLEADED GAS 5/21	0.00	996.48
0001	52067	06/24/19	505PET	PETTY CASH	1000	3508	PETTY CASH -6/13	0.00	133.70
0001	52067	06/24/19	505PET	PETTY CASH	1000	3501	PETTY CASH -6/13	0.00	12.88
0001	52067	06/24/19	505PET	PETTY CASH	5000	4512	PETTY CASH -6/13	0.00	15.98
TOTAL CHECK								0.00	162.56
0001	52068	06/24/19	710POL	POLLUTION CONTROL F	3000	4509	ASH DISP-6/15	0.00	2,454.99
0001	52068	06/24/19	710POL	POLLUTION CONTROL F	3000	4509	ASH DISP 5/14-5/18	0.00	2,136.71
0001	52068	06/24/19	710POL	POLLUTION CONTROL F	3000	4509	ASH DISP 6/4-6/8	0.00	2,365.20
0001	52068	06/24/19	710POL	POLLUTION CONTROL F	3000	4509	ASH DISP 5/28-5/31	0.00	2,366.66
0001	52068	06/24/19	710POL	POLLUTION CONTROL F	3000	4509	ASH DISP 5/54-5/25	0.00	3,160.90
TOTAL CHECK								0.00	12,484.46
0001	52069	06/24/19	171PRI	PRINCETON - 130 SUP	5000	4508	WIN-1290 TOWEL ROLL	0.00	354.24
0001	52069	06/24/19	171PRI	PRINCETON - 130 SUP	5000	4508	2635COMBOYEL SQUEEZ	0.00	139.90
0001	52069	06/24/19	171PRI	PRINCETON - 130 SUP	5000	4508	MFMI505 PAD DRIVER	0.00	82.50
0001	52069	06/24/19	171PRI	PRINCETON - 130 SUP	5000	4508	PAD4015BLA STRIPPIN	0.00	31.00
0001	52069	06/24/19	171PRI	PRINCETON - 130 SUP	5000	4508	CLO01100 CLOROX+TIL	0.00	75.38
0001	52069	06/24/19	171PRI	PRINCETON - 130 SUP	5000	4508	WIN1290 TOWEL-ROLL	0.00	265.68
0001	52069	06/24/19	171PRI	PRINCETON - 130 SUP	5000	4508	KCC13254 SCOTTFOLD	0.00	194.25
0001	52069	06/24/19	171PRI	PRINCETON - 130 SUP	5000	4508	TMS1047717 CLASSIC	0.00	44.95
0001	52069	06/24/19	171PRI	PRINCETON - 130 SUP	5000	4508	TMS1042771 TIMEMIST	0.00	63.71
0001	52069	06/24/19	171PRI	PRINCETON - 130 SUP	5000	4508	TMS1042810 PREMIUM	0.00	63.71
0001	52069	06/24/19	171PRI	PRINCETON - 130 SUP	5000	4508	KCC02129 TRADITION	0.00	209.01
0001	52069	06/24/19	171PRI	PRINCETON - 130 SUP	5000	4508	BWK2432L LINER 24X3	0.00	81.84
0001	52069	06/24/19	171PRI	PRINCETON - 130 SUP	5000	4508	04113340 LINER 33X4	0.00	93.00
0001	52069	06/24/19	171PRI	PRINCETON - 130 SUP	5000	4508	04114048 LINER 40X4	0.00	97.71
0001	52069	06/24/19	171PRI	PRINCETON - 130 SUP	5000	4508	REC04650 LYSOL DISI	0.00	295.65
0001	52069	06/24/19	171PRI	PRINCETON - 130 SUP	5000	4508	KRYEGEM72HMI URINAL	0.00	48.00
0001	52069	06/24/19	171PRI	PRINCETON - 130 SUP	5000	4508	KRYEGEM72SAP URINAL	0.00	48.00

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FUND - 0001 - GENERAL FUND

CASH	ACCT	CHECK NO	ISSUE DT	VENDOR	NAME	DEPARTMENT	ACCNT	----DESCRIPTION----	SALES TAX	AMOUNT
0001		52069	06/24/19	171PRI	PRINCETON - 130 SUP	5000	4508	MCO08277 HIGH PRODU	0.00	145.00
0001		52069	06/24/19	171PRI	PRINCETON - 130 SUP	6000	4530	RCP6320 COMMERICAL	0.00	69.50
0001		52069	06/24/19	171PRI	PRINCETON - 130 SUP	6000	4530	HOLDER FOR TOILET B	0.00	29.50
TOTAL	CHECK								0.00	2,432.53
0001		52070	06/24/19	332PSE	PSE&G COMPANY	3000	4505	ELEC MILL -31	0.00	1,871.22
0001		52070	06/24/19	332PSE	PSE&G COMPANY	3000	4505	ELEC PRIN -4.8	0.00	5,909.96
0001		52070	06/24/19	332PSE	PSE&G COMPANY	3000	4505	ELEC SB -4/25	0.00	1,428.97
0001		52070	06/24/19	332PSE	PSE&G COMPANY	3000	4505	ELEC RCA -4/18	0.00	4.74
0001		52070	06/24/19	332PSE	PSE&G COMPANY	3000	4505	ELEC PENN -4/5	0.00	809.54
0001		52070	06/24/19	332PSE	PSE&G COMPANY	3000	4505	ELEC PL -4/18	0.00	4.95
0001		52070	06/24/19	332PSE	PSE&G COMPANY	3000	4505	ELEC TR. -4/12	0.00	65.11
0001		52070	06/24/19	332PSE	PSE&G COMPANY	3000	4505	ELEC M#7 -4/27EST	0.00	45.50
0001		52070	06/24/19	332PSE	PSE&G COMPANY	3000	4505	ELEC M#6 -4/24	0.00	9.90
0001		52070	06/24/19	332PSE	PSE&G COMPANY	3000	4505	ELEC HP -5/3	0.00	710.64
0001		52070	06/24/19	332PSE	PSE&G COMPANY	3000	4505	ELEC ST LIGHT-5/3	0.00	16.61
0001		52070	06/24/19	332PSE	PSE&G COMPANY	3000	4502	GAS TRANSPORT	0.00	29,992.82
0001		52070	06/24/19	332PSE	PSE&G COMPANY	3000	4505	ELEC MILL -4/30	0.00	1,732.65
0001		52070	06/24/19	332PSE	PSE&G COMPANY	3000	4505	ELEC PRIN -5/8	0.00	5,440.82
0001		52070	06/24/19	332PSE	PSE&G COMPANY	3000	4505	ELEC SB -5/24	0.00	1,535.86
0001		52070	06/24/19	332PSE	PSE&G COMPANY	3000	4505	ELEC RR -5/31	0.00	59,764.85
0001		52070	06/24/19	332PSE	PSE&G COMPANY	3000	4505	ELEC RCA -5/20	0.00	4.74
0001		52070	06/24/19	332PSE	PSE&G COMPANY	3000	4505	ELEC PENN -5/7	0.00	768.81
0001		52070	06/24/19	332PSE	PSE&G COMPANY	3000	4505	ELEC PL -5/20 EST	0.00	4.95
0001		52070	06/24/19	332PSE	PSE&G COMPANY	3000	4505	ELEC TR. -5/23	0.00	45.56
0001		52070	06/24/19	332PSE	PSE&G COMPANY	3000	4505	ELEC M#7 -5/23 EST	0.00	47.49
0001		52070	06/24/19	332PSE	PSE&G COMPANY	3000	4505	ELEC M#6 -5/23	0.00	9.85
0001		52070	06/24/19	332PSE	PSE&G COMPANY	3000	4505	ELEC HP -6/4 EST	0.00	648.67
0001		52070	06/24/19	332PSE	PSE&G COMPANY	3000	4505	ELEC ST LIGHT -6/4	0.00	16.65
TOTAL	CHECK								0.00	110,890.86
0001		52071	06/24/19	717PSE	PSE&G	3000	4502	GAS GENERATOR-6/13	0.00	211.89
0001		52071	06/24/19	717PSE	PSE&G	3000	4502	GAS GENERATOR -5/14	0.00	137.29
TOTAL	CHECK								0.00	349.18
0001		52072	06/24/19	341QUI	QUILL CORPORATION	2000	3506	WB240274 POLYURETHA	0.00	285.90
0001		52072	06/24/19	341QUI	QUILL CORPORATION	7000	3514	TL6891 DATA TRAVELE	0.00	23.40
0001		52072	06/24/19	341QUI	QUILL CORPORATION	7000	3514	2R4143 USB 3.1 10GB	0.00	212.30
0001		52072	06/24/19	341QUI	QUILL CORPORATION	7000	3514	K62120 120OUT SURGE	0.00	87.72
TOTAL	CHECK								0.00	609.32
0001		52073	06/24/19	736R3M	R3M ENGINEERING, IN	0001	0280	MILL. ODOR ABAT. -5	0.00	660.00
0001		52073	06/24/19	736R3M	R3M ENGINEERING, IN	0001	0280	MILL ODOR IMP MAY '	0.00	8,576.50
TOTAL	CHECK								0.00	9,236.50
0001		52074	06/24/19	789ROG	ROGERS-CIPOLLONO EL	5000	4510	QUOTES DATED 4/16/1	0.00	14,026.00
0001		52075	06/24/19	356RON	RON HESS	7000	3511	REIMB. WEBSITE HOST	0.00	240.00
0001		52076	06/24/19	361RUS	RUSSELL REID	3000	4509	LQ. SLUDGE MAY HP	0.00	3,258.50
0001		52076	06/24/19	361RUS	RUSSELL REID	3000	4509	LQ. SLUDGE MAY PEN	0.00	5,961.75
TOTAL	CHECK								0.00	9,220.25

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FUND - 0001 - GENERAL FUND

CASH ACCT	CHECK NO	ISSUE DT	VENDOR	NAME	DEPARTMENT	ACCNT	-----DESCRIPTION-----	SALES TAX	AMOUNT
0001	52077	06/24/19	759SAF	SAFETYINFO, INC	6000	3502	MEMBERSHIP RENEWAL	0.00	195.00
0001	52078	06/24/19	562SCO	SCOTT TESTING, INC.	5000	4510	2 ELECTRICIAN PER D	0.00	5,760.00
0001	52079	06/24/19	577STE	STEPHEN ROGA	5000	3501	REIMB MILES JUN'19	0.00	122.03
0001	52080	06/24/19	403STO	STONY BROOK REGIONA	0001	0042	FLEX. SPEND 4WK	0.00	1,269.64
0001	52081	06/24/19	399STO	STONY BROOK REGIONA	0001	0030	BEEFITS 5 WK	0.00	205,000.00
0001	52082	06/24/19	400STO	STONY BROOK REGIONA	0001	0040	PAYROLL 5 WKS	0.00	250,000.00
0001	52083	06/24/19	555LIN	TELESYSTEM	1000	3505	CR LEFT FROM MAY	0.00	-22.74
0001	52083	06/24/19	555LIN	TELESYSTEM	1000	3505	PHONE JUN +MAY USAG	0.00	1,066.40
TOTAL CHECK								0.00	1,043.66
0001	52084	06/24/19	888THO	THOMAS SCIENTIFIC	2000	4523	BOD PILLOW 6L	0.00	56.53
0001	52084	06/24/19	888THO	THOMAS SCIENTIFIC	2000	4523	BOD PILLOW 4L	0.00	88.94
0001	52084	06/24/19	888THO	THOMAS SCIENTIFIC	2000	4523	CAP MEMBRANCE 5/29	0.00	340.59
0001	52084	06/24/19	888THO	THOMAS SCIENTIFIC	2000	4523	M-FC FECAL 5/8	0.00	742.68
TOTAL CHECK						4523	SULFURIC ACID	0.00	52.23
0001	52085	06/24/19	123TIG	TIGER GARAGE	5000	5001	SERV OIL	0.00	1,280.97
0001	52085	06/24/19	123TIG	TIGER GARAGE	5000	5001	OIL SERV	0.00	52.01
0001	52085	06/24/19	123TIG	TIGER GARAGE	5000	5001	OIL SERV	0.00	78.14
0001	52085	06/24/19	123TIG	TIGER GARAGE	5000	5001	OIL SERV	0.00	91.47
0001	52085	06/24/19	123TIG	TIGER GARAGE	5000	5001	REPAIR/OIL SERV	0.00	201.28
0001	52085	06/24/19	123TIG	TIGER GARAGE	5000	5001	TRANS. LEAK	0.00	217.26
0001	52085	06/24/19	123TIG	TIGER GARAGE	5000	5001	OIL SERV. F-150 6/1	0.00	57.96
0001	52085	06/24/19	123TIG	TIGER GARAGE	5000	5001	OIL SERV 5/22	0.00	52.01
0001	52085	06/24/19	123TIG	TIGER GARAGE	5000	5001	OIL SERV 5/29	0.00	78.14
0001	52085	06/24/19	123TIG	TIGER GARAGE	5000	5001	OIL SERV 5/22	0.00	91.47
TOTAL CHECK						5001	REPAIR/OIL 5/29	0.00	201.28
0001	52086	06/24/19	545TIT	TITAN MECHANICAL SE	5000	3511	COIL CLEANING	0.00	1,121.02
0001	52086	06/24/19	545TIT	TITAN MECHANICAL SE	5000	4510	PENN LAB AC	0.00	171.90
0001	52086	06/24/19	545TIT	TITAN MECHANICAL SE	5000	4510	SUCTION HEADER LEAK	0.00	187.50
0001	52086	06/24/19	545TIT	TITAN MECHANICAL SE	5000	4510	AC REPAIR	0.00	434.25
0001	52086	06/24/19	545TIT	TITAN MECHANICAL SE	5000	3511	QUARTERLY INSP. 5/2	0.00	1,294.50
0001	52086	06/24/19	545TIT	TITAN MECHANICAL SE	5000	3511	COIL CLEANING 5/23	0.00	1,800.00
TOTAL CHECK						3511		0.00	4,000.00
0001	52087	06/24/19	900TRE	TREASURER - STATE O	2000	3507	PERMIT FEE RIVER RO	0.00	7,888.15
0001	52088	06/24/19	900TRE	TREASURER - STATE O	2000	3507	PERMIT FEE HOPEWELL	0.00	26,246.90
0001	52089	06/24/19	900TRE	TREASURER - STATE O	2000	3507	PERMIT FEE PENNINGT	0.00	4,636.03
0001	52090	06/24/19	877UPS	UPS	1000	3504	OVERNIGHT DEL 6/8	0.00	4,668.20
0001	52090	06/24/19	877UPS	UPS	1000	3504	OVERNIGHT DEL 5/18	0.00	27.74
								0.00	36.59

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0001	52090	06/24/19	877UPS	UPS	1000	3504	OVERNIGHT DEL 5/25	0.00	106.88
0001	52090	06/24/19	877UPS	UPS	1000	3504	OVERNIGHT DEL 6/1	0.00	8.72
TOTAL CHECK								0.00	179.93
0001	52091	06/24/19	333VER	VERIZON (CABS)	7000	3505	DIGITAL SERV JUNE	0.00	1,369.92
0001	52092	06/24/19	444VER	VERIZON FIOS	7000	3505	INTERNET 6/2-7/1	0.00	294.99
0001	52093	06/24/19	888VER	VERIZON WIRELESS	7000	3505	MOBILE -6/25 + USAG	0.00	468.64
0001	52094	06/24/19	849VIZ	VIZCARRA'S LANDSCAP	5000	4513	RR 6/2	0.00	635.00
0001	52094	06/24/19	849VIZ	VIZCARRA'S LANDSCAP	5000	4513	RR 5/19	0.00	635.00
0001	52094	06/24/19	849VIZ	VIZCARRA'S LANDSCAP	5000	4513	PRINCETON PP 5/19	0.00	100.00
0001	52094	06/24/19	849VIZ	VIZCARRA'S LANDSCAP	5000	4513	PRINCETON PP 6/2	0.00	100.00
0001	52094	06/24/19	849VIZ	VIZCARRA'S LANDSCAP	5000	4513	HOPEWELL 6/2	0.00	340.00
0001	52094	06/24/19	849VIZ	VIZCARRA'S LANDSCAP	5000	4513	HOPEWELL 5/19	0.00	340.00
0001	52094	06/24/19	849VIZ	VIZCARRA'S LANDSCAP	5000	4513	PENNINGTON 5/19	0.00	300.00
0001	52094	06/24/19	849VIZ	VIZCARRA'S LANDSCAP	5000	4513	PENNINGTON 6/2	0.00	300.00
0001	52094	06/24/19	849VIZ	VIZCARRA'S LANDSCAP	5000	4513	S. BRUNSWICK 6/2	0.00	100.00
0001	52094	06/24/19	849VIZ	VIZCARRA'S LANDSCAP	5000	4513	S. BRUNSWICK 5/19	0.00	100.00
0001	52094	06/24/19	849VIZ	VIZCARRA'S LANDSCAP	5000	4513	MILLSTONE 5/19	0.00	55.00
0001	52094	06/24/19	849VIZ	VIZCARRA'S LANDSCAP	5000	4513	MILLSTONE 6/2	0.00	55.00
0001	52094	06/24/19	849VIZ	VIZCARRA'S LANDSCAP	5000	4513	METER #7 6/2	0.00	55.00
0001	52094	06/24/19	849VIZ	VIZCARRA'S LANDSCAP	5000	4513	METER #7 5/19	0.00	55.00
TOTAL CHECK								0.00	3,170.00
0001	52095	06/24/19	926WBM	W.B. MASON CO., INC	3000	4504	WATER/SUPP 6/11	0.00	188.40
0001	52095	06/24/19	926WBM	W.B. MASON CO., INC	7000	3514	TONER/PENS 6/12	0.00	286.62
0001	52095	06/24/19	926WBM	W.B. MASON CO., INC	3000	4504	WATER RENT JUNE	0.00	6.65
0001	52095	06/24/19	926WBM	W.B. MASON CO., INC	3000	4504	WATER/SUPP 5/24	0.00	166.05
0001	52095	06/24/19	926WBM	W.B. MASON CO., INC	3000	4504	WATER/SUPP 5/9	0.00	188.40
TOTAL CHECK								0.00	836.12
0001	52096	06/24/19	901WGM	W.G. MALDEN	4000	3503	2ND QRT CERTIFICATI	0.00	1,125.00
0001	52097	06/24/19	474WWG	W.W. GRAINGER, INC.	3000	4506	STORAGE CABINET	0.00	546.93
0001	52097	06/24/19	474WWG	W.W. GRAINGER, INC.	5000	4512	AIR REG/REPAIR CLAM	0.00	851.48
0001	52097	06/24/19	474WWG	W.W. GRAINGER, INC.	3000	4506	STORAGE RACK/SUPPLI	0.00	1,247.36
0001	52097	06/24/19	474WWG	W.W. GRAINGER, INC.	5000	4512	STORAGE RACK	0.00	4.96
0001	52097	06/24/19	474WWG	W.W. GRAINGER, INC.	5000	4512	STORAGE CABINET	0.00	540.21
0001	52097	06/24/19	474WWG	W.W. GRAINGER, INC.	5000	4512	HINGE 5/14	0.00	67.36
0001	52097	06/24/19	474WWG	W.W. GRAINGER, INC.	4000	4512	PANEL METERSREGULAT	0.00	492.14
0001	52097	06/24/19	474WWG	W.W. GRAINGER, INC.	5000	4512	SUPP	0.00	497.12
0001	52097	06/24/19	474WWG	W.W. GRAINGER, INC.	5000	4512	DOWNBLAST VENT 6/12	0.00	732.06
0001	52097	06/24/19	474WWG	W.W. GRAINGER, INC.	5000	4512	CRDL BAND SAW 6/12	0.00	804.48
0001	52097	06/24/19	474WWG	W.W. GRAINGER, INC.	5000	4525	SPARE PARTS 5/14	0.00	2,564.27
0001	52097	06/24/19	474WWG	W.W. GRAINGER, INC.	5000	4512	CHEM FEED PARTS PN	0.00	2,885.92
TOTAL CHECK								0.00	11,234.29
0001	52098	06/24/19	912WAS	WASTE MANAGEMENT	5000	4513	JUNE'19 SERV RR	0.00	178.89
0001	52098	06/24/19	912WAS	WASTE MANAGEMENT	5000	4513	JUNE'19 HP TRASH	0.00	20.78
0001	52098	06/24/19	912WAS	WASTE MANAGEMENT	5000	4513	JULY TRASH/RCY RR	0.00	178.00

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FUND - 0001 - GENERAL FUND

CASH ACCT	CHECK NO	ISSUE DT	VENDOR	NAME	DEPARTMENT	ACCNT	----DESCRIPTION----	SALES TAX	AMOUNT
0001	52098	06/24/19	912WAS	WASTE MANAGEMENT	5000	4513	JULY HOPEWELL	0.00	20.66
TOTAL CHECK									0.00 398.33
0001	52099	06/24/19	943WIE	WIESLAW DYBAS	5000	3501	REIMB FOR SCHWING C	0.00	60.00
0001	52099	06/24/19	943WIE	WIESLAW DYBAS	5000	3501	REIMB MILES JUNE	0.00	440.80
TOTAL CHECK									0.00 500.80
0001	52100	06/24/19	742WIL	WILLIAMS SCOTSMAN,	1000	3515	RENT JUNE	0.00	477.00
TOTAL CASH ACCOUNT									0.00 1,053,855.61
TOTAL FUND									0.00 1,053,855.61

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FUND - 0002 - 2004 CONSTRUCTION ACCOUNT

CASH ACCT	CHECK NO	ISSUE DT	VENDOR	NAME	DEPARTMENT	ACCNT	-----DESCRIPTION-----	SALES TAX	AMOUNT
0001	53497	06/24/19	267CMS	CMS CONSTRUCTION IN	0002	0635	PENN UPG MAY'19	0.00	936,485.00
0001	53497	06/24/19	267CMS	CMS CONSTRUCTION IN	0002	1080	RETAIN PENN UPG MAY	0.00	-18,729.00
TOTAL CHECK								0.00	917,756.00
0001	53498	06/24/19	516KLE	KLEINFELDER EAST, I	0002	0635	PENN CA SERV -5/26	0.00	19,002.81
TOTAL CASH ACCOUNT								0.00	936,758.81
TOTAL FUND								0.00	936,758.81

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FUND - 0006 - NJEIT 2015 GENERATOR PROJ

CASH ACCT	CHECK NO	ISSUE DT	VENDOR	NAME	DEPARTMENT	ACCNT	-----DESCRIPTION-----	SALES TAX	AMOUNT
0001	53499	06/19/19	516KLE	KLEINFELDER EAST, I	0006	0679	EMERG GENERATOR MAY	0.00	285.00
TOTAL CASH ACCOUNT								0.00	285.00
TOTAL FUND								0.00	285.00
TOTAL REPORT								0.00	1,990,899.42

**Revenue and Expenditure Summary
December 1, 2018 to May 31, 2019**

	2019 12 month Budget	2019 6 month Budget	2019 6 month Actual	2019 6 month Variance	2019 % Actual to Budget	2018 6 month Actual
Revenues:						
Septage/Graywater	\$22,400	\$11,200	\$11,912	\$712	53.2%	\$9,270
Liquid Sludge	\$728,000	\$364,000	\$342,842	(\$21,158)	47.1%	\$416,016
Cake Sludge	\$1,344,600	\$672,300	\$814,504	\$142,204	60.6%	\$791,005
Special Waste	\$75,000	\$37,500	\$21,087	(\$16,413)	28.1%	\$27,307
Princeton Farms	\$180,000	\$90,000	\$90,000	\$0	50.0%	\$90,000
Subtotal Outside Revenue	<u>\$2,350,000</u>	<u>\$1,175,000</u>	<u>\$1,280,345</u>	<u>\$105,345</u>	<u>54.5%</u>	<u>\$1,333,599</u>
Participant Revenue	\$13,181,825	\$6,590,913	\$6,590,913	\$0	50.0%	\$6,461,660
Interest Income	\$50,000	\$25,000	\$144,799	\$119,799	289.6%	\$64,918
Other Revenue	\$50,000	\$25,000	\$65,988	\$40,988	132.0%	\$43,234
Total Revenues	<u>\$15,631,825</u>	<u>\$7,815,913</u>	<u>\$8,082,043</u>	<u>\$266,131</u>	<u>51.7%</u>	<u>\$7,903,411</u>
Expenditures:						
Salaries and Benefits	\$5,691,743	\$2,845,872	\$2,845,651	(\$221)	50.0%	\$2,694,698
Administrative Expenses	\$832,606	\$416,303	\$411,484	(\$4,819)	49.4%	\$350,952
Professional Fees	\$478,705	\$239,353	\$136,500	(\$102,852)	28.5%	\$93,316
Operations and Maintenance	\$5,789,039	\$2,894,520	\$2,513,585	(\$380,934)	43.4%	\$2,344,677
Debt Service	\$2,139,732	\$1,069,866	\$1,069,866	\$0	50.0%	\$943,884
Capital Improvement Fund	\$700,000	\$350,000	\$350,000	\$0	50.0%	\$425,000
Total Expenditures	<u>\$15,631,825</u>	<u>\$7,815,913</u>	<u>\$7,327,087</u>	<u>(\$488,826)</u>	<u>46.9%</u>	<u>\$6,852,527</u>
Twelve Mo. Excess of Revenues over Expenditures	<u>\$0</u>	<u>\$0</u>	<u>\$754,956</u>	<u>\$754,957</u>	<u>n/a</u>	<u>\$1,050,884</u>

Twelve Month =

50.0%

Stony Brook Regional Sewerage Authority

Expenditure Report

May 31, 2019

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----- TITLE -----	BUDGET	PERIOD EXPENDITURES	ENCUMBRANCES OUTSTANDING	YEAR TO DATE EXP	AVAILABLE BALANCE	YTD/ BUD
SALARIES & WAGES O&M	\$3,595,531.00	\$315,343.91	\$0.00	\$1,802,478.92	\$1,793,052.08	50%
F.I.C.A.	\$312,550.00	\$28,473.39	\$0.00	\$157,833.82	\$154,716.18	50%
S.U.I.	\$16,544.00	\$1,600.13	\$0.00	\$14,746.66	\$1,797.34	89%
EMPLOYEE BENEFITS-PENSIO	\$440,000.00	\$39,892.83	\$0.00	\$239,356.98	\$200,643.02	54%
EMPLOYEE BENEFITS-HEALTH	\$812,700.00	\$54,719.69	\$0.00	\$354,631.14	\$458,068.86	44%
SALARIES & WAGES ADMIN	\$514,418.00	\$66,653.49	\$0.00	\$276,603.38	\$237,814.62	54%
Salaries & Wages Total	\$5,691,743.00	\$506,683.44	\$0.00	\$2,845,650.90	\$2,846,092.10	50%
MEETING/TRAVEL/TRAINING	\$8,534.00	\$542.42	\$0.00	\$3,054.95	\$5,479.05	36%
DUES	\$14,500.00	\$195.00	\$0.00	\$6,490.00	\$8,010.00	45%
LIBRARY-MAGAZINES&BOOKS	\$5,824.00	\$106.98	\$5,175.00	\$1,974.08	-\$1,325.08	123%
POSTAGE	\$6,000.00	\$157.77	\$0.00	\$1,745.96	\$4,254.04	29%
TELEPHONE	\$60,133.00	\$3,982.27	\$0.00	\$30,952.57	\$29,180.43	51%
OFFICE SUPPLIES	\$17,292.00	\$1,019.77	\$169.98	\$3,859.95	\$13,262.07	23%
REGULATORY FEES/PERMITS	\$78,902.00	\$35,874.13	\$0.00	\$45,881.46	\$33,020.54	58%
ADMIN-MISC	\$13,537.00	\$760.85	\$0.00	\$8,682.53	\$4,854.47	64%
ADVERTISING/PRINTING	\$4,500.00	\$30.16	\$0.00	\$1,781.11	\$2,718.89	40%
INSURANCE	\$348,113.00	\$27,750.33	\$0.00	\$166,481.32	\$181,631.68	48%
SERVICE CONTRACTS	\$182,168.00	\$18,106.45	\$16,364.19	\$99,770.02	\$66,033.79	64%
SEMINARS	\$17,366.00	\$229.86	\$0.00	\$3,443.48	\$13,922.52	20%
COMPUTER PAYROLL SERVICE	\$19,672.00	\$193.67	\$0.00	\$7,271.21	\$12,400.79	37%
E.D.P. SUPPLIES	\$24,465.00	\$0.00	\$524.88	\$3,407.40	\$20,532.72	16%
RENTALS & EASEMENTS	\$20,000.00	\$477.00	\$0.00	\$4,453.81	\$15,546.19	22%
ADMINISTRATIVE EXPENSES Total	\$821,006.00	\$89,426.66	\$22,234.05	\$389,249.85	\$409,522.10	50%
LEGAL-NON RETAINER	\$47,000.00	\$3,114.29	\$0.00	\$19,980.87	\$27,019.13	43%
LEGAL-RETAINER	\$18,000.00	\$1,500.00	\$0.00	\$10,500.00	\$7,500.00	58%
CONSULTANT GENERAL	\$50,800.00	\$720.00	\$0.00	\$18,153.80	\$32,646.20	36%
FISCAL AUDIT	\$25,000.00	\$0.00	\$3,015.00	\$17,085.00	\$4,900.00	80%
TRUSTEE SERVICES	\$35,705.00	\$0.00	\$0.00	\$16,477.50	\$19,227.50	46%
ENGINEER RETAINER	\$55,000.00	\$7,270.00	\$0.00	\$10,926.25	\$44,073.75	20%
ENGINEER NON RETAINER	\$19,000.00	\$3,144.86	\$0.00	\$10,597.36	\$8,402.64	56%
ENVIRONMENTAL CONSULTING	\$228,200.00	\$4,188.75	\$0.00	\$29,764.66	\$198,435.34	13%
Professional Services Total	\$478,705.00	\$19,937.90	\$3,015.00	\$133,485.44	\$342,204.56	29%

Stony Brook Regional Sewerage Authority
Expenditure Report
May 31, 2019

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----- TITLE -----	BUDGET	PERIOD EXPENDITURES	ENCUMBRANCES OUTSTANDING	YEAR TO DATE EXP	AVAILABLE BALANCE	YTD/ BUD
SAFETY EQUIPMENT&SUPPLIE	\$61,111.00	\$234.99	\$4,197.56	\$13,470.80	\$43,442.64	29%
FUEL-INCINERATOR	\$700,895.00	\$56,526.40	\$0.00	\$364,473.65	\$336,421.35	52%
WATER	\$58,099.00	\$4,868.45	\$0.00	\$36,266.65	\$21,832.35	62%
ELECTRICITY	\$1,767,590.00	\$49,988.01	\$0.00	\$623,857.01	\$1,143,732.99	35%
OPERATIONS SUPPLIES	\$106,509.00	\$2,267.40	\$504.00	\$40,122.69	\$65,882.31	38%
TRAINING ALLOWANCE	\$34,820.00	\$2,889.00	\$0.00	\$13,589.62	\$21,230.38	39%
JANITORIAL SUPPLIES	\$14,355.00	\$1,756.89	\$803.90	\$5,231.05	\$8,320.05	42%
ASH HAULING	\$490,441.00	\$33,091.43	\$0.00	\$170,966.73	\$319,474.27	35%
REPAIRS	\$439,869.00	\$40,930.70	\$4,350.38	\$125,158.25	\$310,360.37	29%
WORK CLOTHES	\$22,238.00	\$1,380.19	\$6,775.00	\$8,320.36	\$7,142.64	68%
MAINT. TOOLS & SUPPLIES	\$291,900.00	\$21,704.30	\$26,056.63	\$164,855.31	\$100,988.06	65%
BUILDINGS AND GROUNDS	\$68,000.00	\$5,318.87	\$44,115.00	\$17,878.70	\$6,006.30	91%
OUTSIDE LAB TESTING	\$32,865.00	\$2,015.88	\$7,700.00	\$10,357.28	\$14,807.72	55%
CHEMICALS GENERAL	\$39,840.00	\$0.00	\$11,085.60	\$12,875.61	\$15,878.79	60%
CHEMICALS HYPOCHLORITE	\$176,616.00	\$12,922.77	\$11,236.70	\$76,846.29	\$88,533.01	50%
CHEMICALS BISULFITE	\$80,700.00	\$6,525.39	\$3,560.85	\$42,871.10	\$34,268.05	58%
CHEMICALS-ODOR CONTROL	\$100,521.00	\$6,852.60	\$0.00	\$27,749.79	\$72,771.21	28%
CHEMICALS POLYMERS	\$69,694.00	\$0.00	\$107,541.00	\$36,325.62	-\$74,172.62	206%
MAGNESIUM HYDROXIDE	\$348,125.00	\$33,862.50	\$0.00	\$173,487.50	\$174,637.50	50%
LAB SUPPLIES	\$19,058.00	\$1,182.70	\$0.00	\$6,215.06	\$12,842.94	33%
HAZARDOUS WASTE DISPOSAL	\$6,045.00	\$0.00	\$0.00	\$865.04	\$5,179.96	14%
SPARE PARTS	\$399,850.00	\$29,545.68	\$14,154.30	\$100,171.31	\$285,524.39	29%
MAJOR OPERATIONAL IMPROV	\$352,187.00	\$10,341.00	\$99,090.51	\$76,688.25	\$176,408.24	50%
CONTINGENCY FOR FINES	\$20,000.00	\$0.00	\$0.00	\$0.00	\$20,000.00	0%
MEDICAL TESTING	\$9,990.00	\$0.00	\$0.00	\$1,095.00	\$8,895.00	11%
OPERATIONS & MAINTENANCE Total	\$5,711,318.00	\$324,205.15	\$341,171.43	\$2,149,738.67	\$3,220,407.90	44%
VEHICLE MAINTENANCE	\$29,104.00	\$1,202.50	\$16.00	\$12,917.36	\$16,170.64	44%
GAS, OIL, & TIRES	\$57,417.00	\$2,543.28	\$0.00	\$8,889.99	\$48,527.01	15%
VEHICLE REGISTRATION	\$2,800.00	\$151.00	\$0.00	\$852.00	\$1,948.00	30%
VEHICLE MAINTENANCE Total	\$89,321.00	\$3,896.78	\$16.00	\$22,659.35	\$66,645.65	25%
CAPITAL PURCHASE FUND	\$700,000.00	\$58,333.00	\$0.00	\$349,998.00	\$350,002.00	50%
CAPITAL PURCHASES Total	\$700,000.00	\$58,333.00	\$0.00	\$349,998.00	\$350,002.00	50%
DEBT SERVICE	\$2,139,732.00	\$178,311.02	\$0.00	\$1,069,866.12	\$1,069,865.88	50%
DEBT SERVICE Total	\$2,139,732.00	\$178,311.02	\$0.00	\$1,069,866.12	\$1,069,865.88	50%
Grand Total	\$15,631,825.00	\$1,180,793.95	\$366,436.48	\$6,960,648.33	\$8,304,740.19	47%
					6 Months	50%

SCHEDULE OF TRUSTEE HELD BANK ACCOUNTS AS OF MAY 31, 2019

US BANK

	2017 NJEIT FUND	2015 NJEIT FUND	2010 NJEIT FUND	BOND RESERVE	DEBT SERVICE ACCOUNTS	RENEWAL REPLACEMENT	GENERAL FUND	2012 CONSTRUCTION	TRUSTEE REVENUE	TOTAL
BEGINNING BALANCE	-	9,444.62	0.25	544,434.81	1,281.76	621,772.10	6,725,074.82	1,412,405.16	446,281.10	9,760,694.63
SOURCES:										
PARTICIPANT REVENUE										
INTEREST RECEIVED		22.29		910.13	2.14	1,039.42	9,630.85	4,054.93	746.05	16,405.81
TRANSFERS FROM UNRESTRICTED ACCTS.										-
TRANSFERS FROM RESTRICTED ACCTS.					121,800.00					121,800.00
BOND PROCEEDS										-
SPECIAL WASTE										
FROM TRUST / DEP LOANS										-
USES:										
2003 REFUNDING ESCROW ACCT										
CONSTRUCTION PAYMENTS										
BOND INTEREST										-
BOND PRINCIPAL										-
TRANSFERS TO UNRESTRICTED ACCTS.							(121,800.00)			(121,800.00)
NJEIT FEES										-
ENDING BALANCE	-	9,466.91	0.25	545,344.94	123,083.90	622,811.52	6,612,905.67	1,416,460.09	447,027.15	9,777,100.44

SCHEDULE OF CASH & INVESTMENTS
5/31/2019

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BANK	INV. TYPE	PAR	PAID	TOTAL DAYS	PURCH. DATE	MATURITY DATE	YIELD
Operating Accounts:							
Petty Cash		\$ 500	\$ 500				
PNC Payroll Accounts		\$ 212,112	\$ 212,112				
WF Employee Benefits		\$ 426,276	\$ 426,276				
WF Operations		\$ 3,880,581	\$ 3,880,581				
NJCMF Operations		\$ 2,124,462	\$ 2,124,462				2.39%
FCB Certificate of Deposit		\$ 1,000,000	\$ 1,000,000	180	03/04/19	8/31/19	2.60%
FCB Certificate of Deposit		\$ 1,000,000	\$ 1,000,000	365	1/17/2019	1/17/20	2.50%
Total Operating Funds		\$ 8,643,931	\$ 8,643,931				
Trustee Held Accounts:							
Revenue Fund		\$ 447,027	\$ 447,027				
Total	TR FUND	\$ 447,027	\$ 447,027				0.00%
General Fund							
USB-TR	TR FUND	\$ 5,866,935	\$ 5,866,935				0.00%
NJCMF-GF	MMF	\$ 745,971	\$ 745,971				2.39%
Total		\$ 6,612,906	\$ 6,612,906				
2012 Construction Fund							
USB-TR	TR FUND	\$ 308	\$ 308				0.00%
NJCMF-CF	MMF	\$ 1,416,153	\$ 1,416,153				2.39%
Total		\$ 1,416,460	\$ 1,416,460				
2015 NJEIT Fund							
USB-TR	TR FUND	\$ 9,467	\$ 9,467				
Total		\$ 9,467	\$ 9,467				
2017 NJEIT Fund							
USB-TR	TR FUND	\$ -	\$ -				0.00%
Total		\$ -	\$ -				
2010 NJEIT Fund							
USB-TR	TR FUND	\$ -	\$ -				0.00%
Total		\$ -	\$ -				
Debt Service Funds							
USB-TR	TR FUND	\$ 123,084	\$ 123,084				0.00%
Total		\$ 123,084	\$ 123,084				
Bond Reserve Fund							
USB-TR	TR FUND	\$ 545,345	\$ 545,345				0.00%
Total		\$ 545,345	\$ 545,345				
Renewal/Replacement Fund							
USB-TR	TR FUND	\$ 622,812	\$ 622,812				
Total		\$ 622,812	\$ 622,812				
Total Trustee Held Accounts		\$ 9,777,101	\$ 9,777,101				
Total Cash and Investments		\$ 18,421,033	\$ 18,421,033				

AVG RATE	1.58%
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WF= Wells Fargo
TD= TD Bank
PNC= Pittsburg National Corp.
BA=Bank of America
FCB=First Constitution Bank
NJCMF=New Jersey Cash Management Fund 73539-171
USB= US bank
FB=Fulton Bank

STONY BROOK REGIONAL SEWERAGE AUTHORITY
CAPITAL PROJECTS
May 31, 2019

Contract No.	PROJECTS	Contractor/ Vendor	Funding Source	EST. COMPLETION DATE	BUDGET	EXPENDED	BALANCE
CURRENT PROJECTS-FUNDED :							
CURRENT YEAR SMALL CAPITAL PROJECTS							
19-1	Nitification Clarifier No. 2 Improvements Project	Iron Hill Construction	R	02/2020	\$ 228,000		\$ 228,000
	Facilities Painting		R		\$ 30,000		\$ 30,000
	South Brunswick Pump Station Pumps Rehabilitation		R		\$ 100,000		\$ 100,000
	Incineration Disposal Evaluation		R		\$ -		\$ -
	Balance		R		\$ -		\$ -
	Estimated Total				\$ 358,000	\$ -	\$ 358,000
PRIOR YEARS SMALL CAPITAL PROJECTS							
18-2	Commercial Power Protection Project	AECOM	R	Completed	\$ 37,161	\$ 37,161	\$ -
	Thickener # 2 Replacement Project		R	TBD	\$ 200,000		\$ 200,000
18-1	Hopewell WWTP Primary Sludge Collector Replacement	Blooming Glen Contractor Inc	R	01/2019	\$ 107,311	\$ 107,311	\$ -
	Operations Bldg Roof Replacement Project		R	TBD	\$ 200,000		\$ 200,000
	Phosphorus Impact Modeling Study	Kleinfelder	R	05/2019	\$ 78,750	\$ 71,114	\$ 7,636
	TBD				\$ 206,494		\$ 206,494
	Estimated Total				\$ 829,716	\$ 215,586	\$ 614,130
Odor Control Project- Milestone							
	Odor Control- Millstone Pump Station	R3M	R	05/2017	\$ 19,320	\$ 19,320	\$ -
	Odor Control- Millstone PS Design Services	R3M	R	08/2018	\$ 127,052	\$ 112,671	\$ 14,381
18-3	Odor Control- Millstone PS Construction	BR Welding	R	11/2019	\$ 524,000	\$ 8,471	\$ 515,529
	Estimated Total				\$ 670,372	\$ 140,462	\$ 529,910
EMERGENCY GENERATORS							
14-1	Generator Study	Kleinfelder	NJEIT '15	Completed	\$ 70,770	\$ 70,770	\$ -
	Generator Preliminary Design	Kleinfelder	NJEIT '15	Completed	\$ 92,109	\$ 92,109	\$ -
	Generator Final Design	Kleinfelder	NJEIT '15	Completed	\$ 381,680	\$ 381,680	\$ -
	Generator Construction Services	Kleinfelder	NJEIT '15	12/2016	\$ 356,880	\$ 286,539	\$ 70,341
	Generator Permit Fees	Princeton	NJEIT '15	12/2014	\$ 1,000	\$ 855	\$ 145
14-1	Generator Construction	Thomas Controls	NJEIT '15	12/2016	\$ 3,628,658	\$ 3,548,735	\$ 79,923
	Generator Construction	Highlands Industrial	NJEIT '15	12/2016	\$ 20,175	\$ 20,175	\$ -
	Generator Issue Costs-HD&W	Hawkins Delafield & Wood	NJEIT '15	Completed	\$ 33,300	\$ 33,300	\$ -
	Generator Natural gas	Public Service	NJEIT '15	Completed	\$ 11,648	\$ 11,648	\$ -
	Generator-DEP Engineering Fees	DEP	NJEIT '15	Completed	\$ 45,993	\$ 45,993	\$ -
	Generator plant shut down by-pass	Xylem	NJEIT '15	Completed	\$ 2,248	\$ 2,248	\$ -
	Generator plant shut down by-pass	Rogers-Cippollono	NJEIT '15	Completed	\$ 13,954	\$ -	\$ 13,954
					\$ 4,658,415	\$ 4,494,052	\$ 150,409
PHOSPHOROUS IMPROVEMENTS							
	Hopewell WWTP Phos. Removal		R	12/2020	\$ 325,000	\$ -	\$ 325,000
	SUB-TOTAL				\$ 325,000	\$ -	\$ 325,000
Design Of Dewatered Sludge Pumps							
16-1	Schwing Pump Replacement CS	GHD	NJEIT '16	Completed	\$ 72,648	\$ 72,648	\$ -
	Schwing Pumps replacement project construction	GHD	NJEIT '16	12/2017	\$ 31,919	\$ 29,380	\$ 2,539
	Permit/Waivers and Escrow fees	MBE Mark III Electric	NJEIT '16	12/2018	\$ 3,556,757	\$ 3,281,707	\$ 275,050
	Schwing Pump Issue Costs-HD&W	Princeton	NJEIT '16	Completed	\$ 855	\$ 855	\$ -
	SUB-TOTAL	Hawkins Delafield & Wood	NJEIT '16	12/2017	\$ 32,500	\$ 10,147	\$ 22,353
					\$ 3,694,679	\$ 3,394,736	\$ 299,943
COMMINUTORS							
14-4	Comminutors-for all 3 pump stations		R	12/2017	\$ -	\$ -	\$ -
	Comminutors Design / Support	Kleinfelder	R	Completed	\$ 115,160	\$ 96,415	\$ 18,745
	SUB-TOTAL				\$ 115,160	\$ 96,415	\$ 18,745
INFORMATION TECHNOLOGY IMPROVEMENTS							
	Information Technology Cabling infrastructure		R	04/2019	\$ 136,880	\$ -	\$ 136,880
					\$ 136,880	\$ -	\$ 136,880
RR WWTP FILTRATION/ UV Disinfection							
	Compliance Study	Kleinfelder	R	Completed	\$ 93,060	\$ 91,870	\$ 1,190
	Design of filtration and/ UV disinfection Project	Kleinfelder	R	11/2019	\$ 828,320	\$ 398,697	\$ 429,623
	Estimated Total				\$ 921,380	\$ 490,567	\$ 430,813

Contract No.	PROJECTS	Contractor/ Vendor	Funding Source	COMPLETION DATE	BUDGET	EXPENDED	BALANCE
UPSTREAM PLANTS							
17-1	Upstream Facilities Process Evaluation	Kleinfelder	2012 B	12/2015	\$ 155,000	\$ 153,274	\$ 1,726
	Pennington Improvements-partial funding	CMS Construction	2012 B	12/2019	\$ 4,076,860	\$ 4,076,860	\$ (0)
	Design of Pennington WWTP upgrade	Kleinfelder	2012 B	03/2017	\$ 727,180	\$ 726,438	\$ 742
	Construction Services	Kleinfelder	R	12/19	\$ 576,380	\$ 241,037	\$ 335,343
	Pennington Improvements-balance	CMS Construction	R	12/2019	\$ 5,640,410	\$ 817,082	\$ 4,823,328
					<u>\$ 11,175,830</u>	<u>\$ 6,014,692</u>	<u>\$ 5,161,138</u>
TOTAL CURRENT PROJECTS-FUNDED					<u>\$ 22,885,433</u>	<u>\$ 14,846,510</u>	<u>\$ 8,024,969</u>
PROJECTS - NOT FUNDED :							
UPSTREAM PLANTS							
	Hopewell WWTP Improvements		NF	12/2019	\$ 9,300,000	\$ -	\$ 9,300,000
					<u>\$ 9,300,000</u>	<u>\$ -</u>	<u>\$ 9,300,000</u>
FUTURE SMALL CAPITAL PROJECTS							
	Future Small Capital Projects -(\$600,000 per year)		NF	2019 to 2021	\$ 2,400,000	\$ -	\$ 2,400,000
					<u>\$ 2,400,000</u>	<u>\$ -</u>	<u>\$ 2,400,000</u>
TOTAL PROJECTS-NOT FUNDED					<u>\$ 11,700,000</u>	<u>\$ -</u>	<u>\$ 11,700,000</u>
TOTAL PROJECTS					<u>\$ 34,585,433</u>	<u>\$ -</u>	<u>\$ 19,724,969</u>
R=	Funded from Retained Earnings		R		\$ 9,573,298	\$ 2,001,149	\$ 7,572,149
2012 B=	Funded from 2004 Bond Issue Proceeds; Refinanced in 2012		2012 B		\$ 4,959,040	\$ 4,956,573	\$ 327,467
2015 NJEIT=	NJ Environmental Infrastructure Trust 2015		NJEIT '15		\$ 4,658,415	\$ 4,494,052	\$ 150,409
2016 NJEIT=	NJ Environmental Infrastructure Trust 2016		NJEIT '16		\$ 3,694,679	\$ 3,394,736	\$ 299,943
Sub-Total- Funded Projects					<u>\$ 22,885,433</u>	<u>\$ 14,846,510</u>	<u>\$ 8,349,969</u>
NF	Projects- Not Funded		NF		<u>\$ 11,700,000</u>	<u>\$ -</u>	<u>\$ 11,700,000</u>
	Total Projects				<u>\$ 34,585,433</u>	<u>\$ 14,846,510</u>	<u>\$ 20,049,969</u>

BUDGET CHANGES FROM PRIOR MONTH:

Contract #	Project Name	Contractor/ Vendor	Amount	Reason
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Current Funding Sources
Capital Projects
May 31, 2019

	<u>Total</u>	<u>0002</u> 2012 Bond Projects	<u>0005</u> 2010 NJEIT	<u>0006</u> 2015 NJEIT	<u>0007</u> 2016 NJEIT	<u>0001</u> Other
Current Assets	\$17,358,633	\$1,416,462	\$0	\$150,409	\$299,943	\$15,491,818
Interfunds	\$0					
Current Liabilities	(\$1,966,735)					(\$1,966,735)
Total Working Capital	\$15,391,897	\$1,416,462	\$0	\$150,409	\$299,943	\$13,525,083
Less: Required Reserves / Designations						
Bond Reserve Fund	(\$540,840)					(\$543,400)
Renewal/Replacement Fund	(\$600,000)					(\$600,000)
Emergency Set Aside (included in General Fund)	(\$1,290,883)					(\$1,290,883)
Health Insurance at Retirement*	(\$241,176)					(\$241,176)
Total Required Reserves	(\$2,672,899)	\$0	\$0	\$0		(\$2,675,459)
Working Capital Available to Fund Projects	\$12,718,998	\$1,416,462	\$0	\$150,409	\$299,943	\$10,849,624
Current Projects List- estimate	\$8,349,969	\$327,467	\$0	\$150,409	\$299,943	\$7,572,150
Balance of Funds Available as May 31, 2019	\$4,369,029	\$1,088,995	\$0	\$0	\$0	\$3,277,474

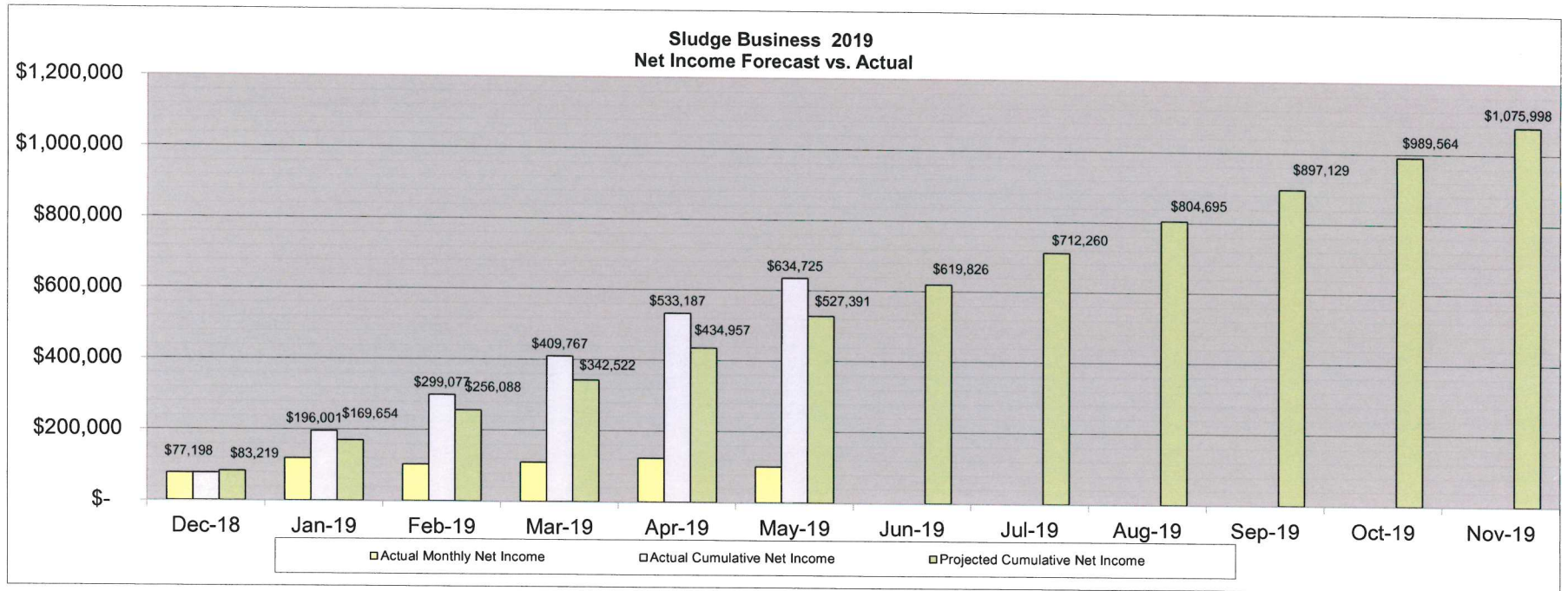
Summary of Outstanding Bond Issues

<u>Bond Issue</u>	<u>Outstanding Balance</u> <u>May 31, 2019</u>	<u>April 30, 2019</u>	<u>Change From</u> <u>Prior Month</u>	<u>Weighted</u> <u>Average Coupon Rate</u>
2012 Revenue Refunding Bonds	\$ 6,090,000	\$ 6,090,000	\$ -	3.92%
2007 NJEIT Trust Loan	\$ 1,500,205	\$ 1,500,205	\$ -	4.56%
2007 NJEIT Fund Loan	\$ 1,123,143	\$ 1,123,143	\$ -	0.00%
2009 NJEIT Trust Loan	\$ 527,000	\$ 527,000	\$ -	3.91%
2009 NJEIT Fund Loan	\$ 449,333	\$ 449,333	\$ -	0.00%
2010 NJEIT Trust Loan	\$ 3,367,000	\$ 3,367,000	\$ -	5.00%
2010 NJEIT Fund Loan	\$ 1,436,674	\$ 1,436,674	\$ -	0.00%
2015 NJEIT Trust Loan	\$ 960,000	\$ 960,000	\$ -	4.48%
2015 NJEIT Fund Loan	\$ 2,123,763	\$ 2,123,763	\$ -	0.00%
	<u>\$ 17,577,119</u>	<u>\$ 17,577,119</u>	<u>\$ -</u>	

Bond principal is paid 2/1, 8/1 and 12/1

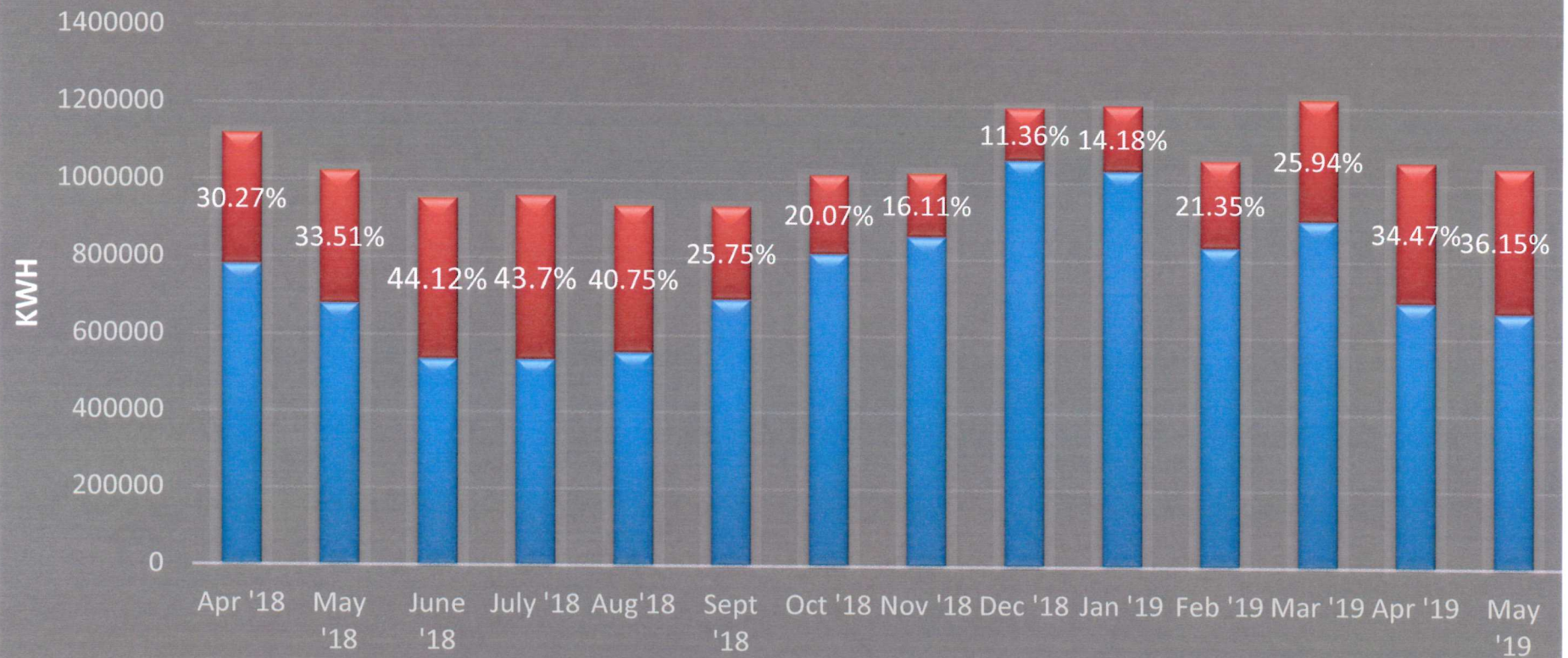
INTEREST RATE COMPARISON
December 2016 - May 2019

<u>BID DATE</u>	<u>SBRSA HIGHEST BID REC'D</u>	<u>NO. DAYS</u>	<u>BANK</u>	<u>NJ CASH MANAGEMENT FUND AVG. YIELD</u>
12/16/16	0.15	365	PNC	0.15
1/19/2017	0.15	365	PNC	0.15
2/23/2017	0.15	365	PNC	0.15
3/23/2017	0.15	365	PNC	0.15
4/19/2017	0.15	365	PNC	0.19
5/28/2017	0.15	365	PNC	0.19
6/22/2017	0.15	365	PNC	0.19
7/12/2017	1.00	365	1st Constitution Bank	0.22
8/23/2017	1.00	365	1st Constitution Bank	0.22
9/21/2017			1st Constitution Bank	0.25
10/18/2017			1st Constitution Bank	0.25
1/15/2018				0.25
2/22/2018				0.25
3/21/2018				0.25
4/19/2018				0.25
5/16/2018				0.25
6/20/2018				0.51
7/18/2018				0.76
8/15/2018				0.76
9/15/2018				0.76
10/11/2018				1.00
11/6/2018				1.50
11/30/2018				2.00
12/31/2018				2.38
1/31/2019				2.38
2/28/2019				2.38
3/31/2019				2.38
4/30/2019				2.38
5/31/2019				2.39

**Actual**

	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19
Monthly Revenue												
Cake	\$ 121,036	\$ 133,128	\$ 131,491	\$ 142,140	\$ 154,346	\$ 132,362						
Liquid	\$ 51,457	\$ 70,400	\$ 54,488	\$ 59,152	\$ 50,435	\$ 56,660						
Avoided Expenses	\$ 129,317	\$ 129,317	\$ 129,317	\$ 129,317	\$ 129,317	\$ 129,317						
Total	\$ 301,810	\$ 332,845	\$ 315,296	\$ 330,609	\$ 334,098	\$ 318,339	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Cumulative Total Revenue	\$ 301,810	\$ 634,655	\$ 949,951	\$ 1,280,560	\$ 1,614,658	\$ 1,932,996						
Monthly Expenses												
Gas/Fuel	\$ 60,398	\$ 55,817	\$ 53,995	\$ 62,333	\$ 52,827	\$ 57,396						
Electric	\$ 29,153	\$ 23,164	\$ 23,164	\$ 22,525	\$ 22,789	\$ 24,344						
Other*	\$ 135,061	\$ 135,061	\$ 135,061	\$ 135,061	\$ 135,061	\$ 135,061						
Total	\$ 224,612	\$ 214,042	\$ 212,220	\$ 219,919	\$ 210,678	\$ 216,801	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Cumulative Total Expenses	\$ 224,612	\$ 438,654	\$ 650,874	\$ 870,793	\$ 1,081,470	\$ 1,298,271						
Actual Monthly Net Income	\$ 77,198	\$ 118,803	\$ 103,076	\$ 110,690	\$ 123,420	\$ 101,538						
Actual Cumulative Net Income	\$ 77,198	\$ 196,001	\$ 299,077	\$ 409,767	\$ 533,187	\$ 634,725						
Projected Cumulative Net Income	\$ 83,219	\$ 169,654	\$ 256,088	\$ 342,522	\$ 434,957	\$ 527,391	\$ 619,826	\$ 712,260	\$ 804,695	\$ 897,129	\$ 989,564	\$ 1,075,998
Actual Cost gas / MMBTU	\$ 4.14	\$ 4.14	\$ 4.14	\$ 4.14	\$ 4.14	\$ 4.14						
Up-Charge / Distribution / Tax	\$ 1.92	\$ 2.21	\$ 2.32	\$ 1.42	\$ 2.26	\$ 2.42						
Total Actual Cost	\$ 6.05	\$ 6.34	\$ 6.45	\$ 5.55	\$ 6.39	\$ 6.55						
Gas Usage Therms	99,802	87,996	83,676	112,299	82,620	87,570						

Solar Production % of total KWH



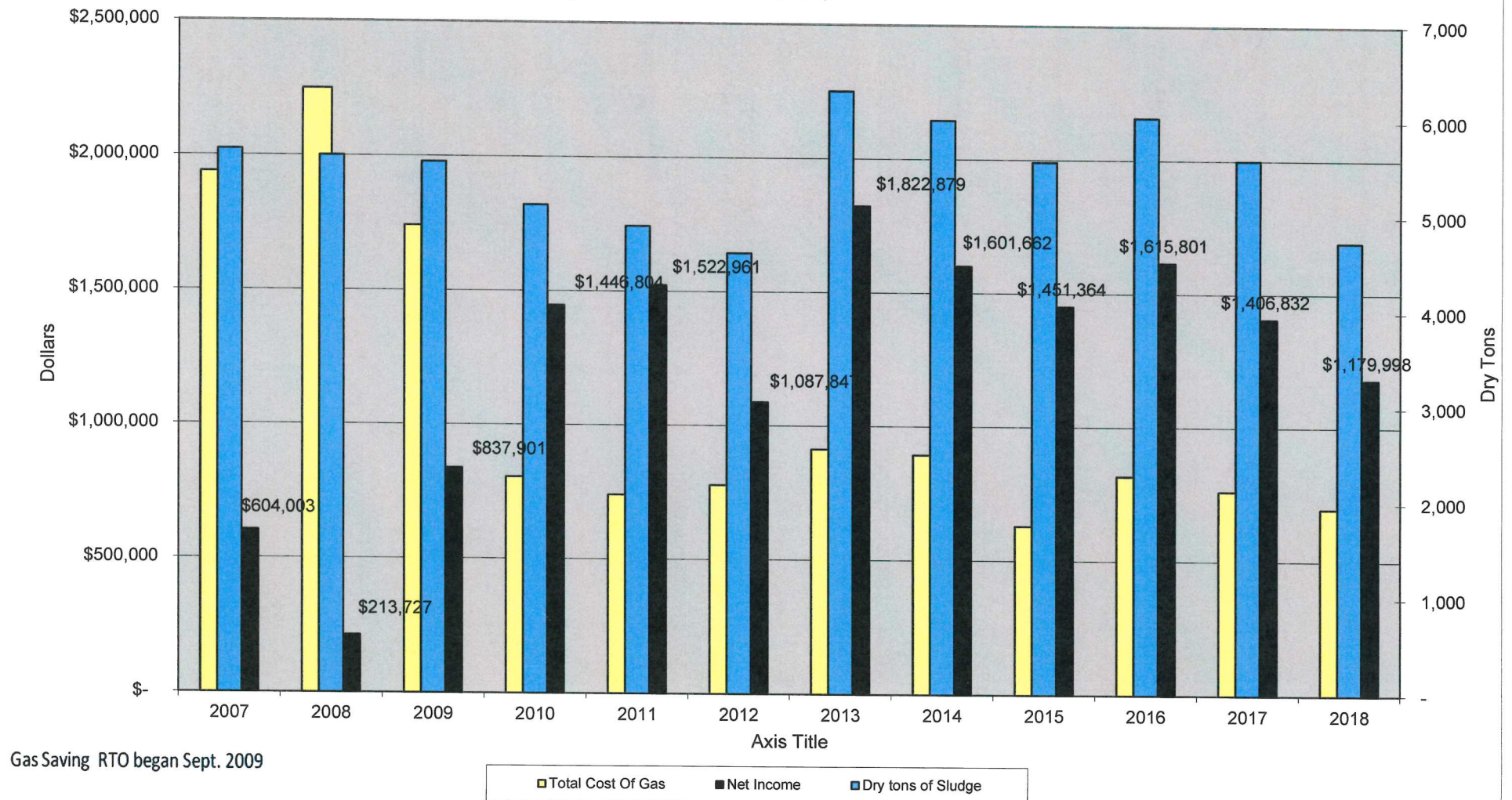
Lbs. of Carbon
Avoided (6,721)

Month

LTD savings:
\$ 112,818

■ PSEG NET KWH ■ SOLAR KWH ■ % SOLAR

SBRSA Yearly Sludge Business Results
2007 through 2018 Net Income was \$14.8 million



**RESOLUTION REJECTING BID FOR THE SUPPLY OF SCHWING PUMP PARTS
AND AUTHORIZING RE-BID**

Resolution No. 2019-39

Dated: June 24, 2019

WHEREAS, the Local Public Contracts Law N.J.S.A. 40:11-1 et. seq. requires that all public purchasing in excess of \$ 40,00.00 must be publicly advertised and bids awarded; and

WHEREAS, on May 28, 2019, the Stony Brook Regional Sewerage Authority (the "Authority") published a Public Notice to Bidders seeking sealed competitive bids for the Supply Schwing Pump Parts procurement, which established June 12, 2019 at 11:30 am as the bid opening date and time; and

WHEREAS, the bid specifications required that bids be submitted in sealed envelopes, addressed to Stony Brook Regional Sewerage Authority; and

WHEREAS, on June 12, 2019 no sealed bids were received by the Authority; and

WHEREAS, on June 10, 2019 at 2:47 pm a bid was received via email from Schwing Bioset, Inc., 350 SMC Drive, Somerset, WI, 54025; and

WHEREAS, upon review of the bid submitted, it was determined that the bid submitted by Schwing Bioset, Inc., was non-responsive due to the submission of the bid electronically (via email) contrary to the requirements contained in the bid specifications requiring submission of sealed competitive bids; and

WHEREAS, submission of a bid that is not sealed in conformance with the bid specifications constitutes a material defect that cannot be waived or cured.

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

- (1) The bid submission of Schwing Bioset, Inc., 350 SMC Drive, Somerset, WI, 54025, is determined to be non-responsive and is hereby rejected.
- (2) The Executive Director is authorized and directed to forward notice of rejection to the bidder and return the bid security of the bidder.
- (3) The Executive Director is authorized to re-advertise for sealed competitive bids for the Supply Schwing Pump Parts procurement.
- (4) The Executive Director, staff and consultants are authorized to take all other actions necessary or desirable to effectuate the terms and conditions of this Resolution.
- (5) This Resolution shall take effect immediately.

Moved:
Seconded:
Adopted:

Recorded Vote:	Aye	No	Abstain	Absent
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Gale D. Downey
David A. Goldfarb
C. Schuyler Morehouse
Bharat Patel
Pamela Switlik
Miguel Vilaro-Munet

I HEREBY CERTIFY that the forgoing is a true and accurate copy of a Resolution adopted by the Stony Brook Regional Sewerage Authority at their Board Meeting on June 24, 2019

Antonia Pchola P.E., Secretary

Date

Resolution Certifying Member Review of the 2018 Audit

Resolution No. 2019-40

Date: June 24, 2019

WHEREAS, N.J.S.A. 40A:5A-15 requires the governing body of each local authority to cause an annual audit of its accounts to be made, and

WHEREAS, the annual report for the fiscal year ended **November 30, 2018** has been completed and will be filed with the State of New Jersey, Division of Local Government Services, Department of Community Affairs, Bureau of Authority Regulation, Local Finance Board pursuant to N.J.S.A. 40A:5A-15, and

WHEREAS, N.J.S.A. 40A:5A-17 requires that the governing body of each authority, within 45 days of receipt of the annual audit, certify by resolution to the Local Finance Board that each member thereof has personally reviewed the annual audit report, and specifically the sections of the audit report entitled “General Comments” and “Recommendations” and has evidenced same by group affidavit in the form prescribed by the Local Finance Board in accordance with N.J.S.A. 40A:5A-17.

NOW, THEREFORE, BE IT RESOLVED that the governing body of the **Stony Brook Regional Sewerage Authority** hereby certifies to the Local Finance Board of the State of New Jersey that each governing body member has personally reviewed the annual audit report for the fiscal year ended **November 30, 2018**, and specifically has reviewed the sections of the audit report entitled “General Comments” and “Recommendations” and has evidenced same by group affidavit in the form prescribed by the Local Finance Board.

BE IT FURTHER RESOLVED that the Secretary of the Authority is hereby directed to promptly submit to the Local Finance Board the aforesaid group affidavit, accompanied by a certified true copy of this Resolution.

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE RESOLUTION PASSED AT THE MEETING OF THE STONY BROOK REGIONAL SEWERAGE AUTHORITY HELD ON JUNE 24, 2019.

MOVED:
 SECONDED:
 ADOPTED:

Recorded Vote:

	<u>AYE</u>	<u>NO</u>	<u>ABSTAIN</u>	<u>ABSENT</u>
Gale D. Downey				
David A. Goldfarb				
C. Schuyler Morehouse				
Bharat Patel				
Pamela Switlik				
Miguel Vilaro-Munet				

I HEREBY CERTIFY that the forgoing is a true and accurate copy of a Resolution adopted by the Stony Brook Regional Sewerage Authority at their Board Meeting on June 24, 2019.

 Antonia Pchola, Secretary

June 24, 2019

sbrsa

MEMORANDUM

To: SBRSA Board Members
From: Jonathan Sears, Director of Finance
Subject: Recommendation for Bond Counsel for NJ I Bank Project S340400-11
 (UV Disinfection and Effluent Filtration Project)
Date: June 20, 2019

On June 4, 2019, Stony Brook Regional Sewerage Authority (SBRSA) requested proposals to provide bond counsel services related to the New Jersey Infrastructure Financing Program Project No. S340400-11 (UV Disinfection and Effluent Filtration Project) from two firms. Hawkins Delafield & Wood LLP (HDW) and McManimon, Scotland & Baumann, LLC (MSB)

Staff reviewed the proposals from the HDW, our current bond counsel and the proposal from MSB. Both firms provided the required pay to play forms and included the requested municipal/education/government client lists with their proposals.

As requested, the proposals included lump sum rates:

	HDW	MSB
Project S340400-11	\$32,500	\$45,000 (1)
(1) additional \$1.10 per \$1000. of Bond		\$18,700
Total	\$32,500	\$63,700

Based on our experience with HDW and the lump sum cost, staff recommends award of bond counsel for services related to the New Jersey Infrastructure Financing Program Project No. S340400-11 (UV Disinfection and Effluent Filtration Project) to Hawkins, Delafield & Wood, LLP

**Resolution Authorizing the Award of a “No Political Contributions Allowed” Contract
for
Bond Counsel Services Related to the New Jersey Infrastructure Financing Program
Project No. S340400-11 (UV Disinfection and Effluent Filtration Project) to Hawkins
Delafield & Wood, LLC**

Resolution No. 2019-41

Date: June 24, 2019

WHEREAS, the Stony Brook Regional Sewerage Authority (SBRSA) has a need for bond counsel services related to the New Jersey Infrastructure Financing Program (NJ I-Bank) Project No. S340400-11 as a No Political Contributions Allowed contract pursuant to the provisions of N.J.S.A. 19:44A-20.4 et seq.; and,

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

WHEREAS, SBRSA requested proposals from Hawkins, Delafield and Wood LLP and McManimon, Scotland & Baumann, LLC on June 4th, 2019; and,

WHEREAS, the anticipated term of this contract is approximately one-year and may be extended as necessary as approved by the Stony Brook Regional Sewerage Authority; and

WHEREAS, Hawkins Delafield & Wood, LLP. has submitted a proposal dated June 11, 2019 indicating they will provide bond counsel services in regard to the NJ I Bank financing for a lump sum fee of \$32,500 plus out of pocket expenses.

WHEREAS, Hawkins Delafield & Wood, LLP has completed and submitted a Business Entity Disclosure Certification which certifies that Hawkins Delafield & Wood, LLP. has not made any reportable contributions to a municipal political party committee of a governing body that appoints members to the Stony Brook Regional Sewerage Authority including Princeton, South Brunswick Township, West Windsor Township, Hopewell Borough, Hopewell Township and Pennington Borough in the previous one year, and that the contract will prohibit Hawkins Delafield & Wood, LLP from making any reportable contributions through the term of the contract, and

WHEREAS, it is anticipated that this contract will be funded through the New Jersey Infrastructure Financing Program.

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

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

MOVED:
 SECONDED:
 ADOPTED:

Recorded Vote:

	<u>AYE</u>	<u>NO</u>	<u>ABSTAIN</u>	<u>ABSENT</u>
Gale D. Downey				
David A. Goldfarb				
C. Schuyler Morehouse				
Bharat Patel				
Pamela Switlik				
Miguel Vilaro-Munet				

I HEREBY CERTIFY that the forgoing is a true and accurate copy of a Resolution adopted by the Stony Brook Regional Sewerage Authority at their Board Meeting on June 24, 2019.

 Antonia Pchola, P.E.
 Secretary

 Date

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

**Resolution No. 2019-42
Date: June 24, 2019**

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 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 year 2019 (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.

MOVED:

SECONDED:

ADOPTED: June 24, 2019

Recorded Vote:

AYE

NO

ABSTAIN

ABSENT

Gale D. Downey

David A. Goldfarb

C. Schuyler Morehouse

Bharat Patel

Pamela Switlik

Miguel Vilaro-Munet

I HEREBY CERTIFY that the forgoing is a true and accurate copy of a Resolution adopted by the Stony Brook Regional Sewerage Authority at their Board Meeting on June 24, 2019

Antonia F. Shurott-Pchola, Secretary

Date

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

**Resolution No. 2019-42
Date: June 24, 2019**

Year 2019 No Political Contribution Contracts:	
Company Name	Service
Motion Industries Inc.	Maintenance Supplies

STONY BROOK REGIONAL SEWERAGE AUTHORITY

Personnel

PERSONNEL STAFFING REPORT

December 1, 2018 to June 24, 2019

<u>New Hires</u>	<u>Position</u>	<u>Date</u>
Walker, Lisa	Staff Accountant	03/04/2019
Valiquette, James	Operator VI	04/29/2019

<u>In-House Transfers/ Promotions/(Demotions)</u>	<u>New Position</u>	
Pchola, Antonia	Executive Director	01/01/2019
Lavenberg, Joseph	Mechanic IV	01/14/2019
*Angela Christiano	Human Resources	06/01/2019
*Kevin Kitner	Septage & Sludge Receiving Operator I	06/09/2019

Terminations/Resignations Retirements

Kantorek, John	Executive Director (Retired)	12/31/2018
Waldron, Glen	Mechanic I (Retired)	01/18/2019
*Patricia Carlino	Assistant Human Resources Manager (Retired)	05/31/2019

Leaves of Absence

Workers' Compensation

Summary as of June 24, 2019

Filled Positions (at Work)	47
Leaves of Absence	0
Workers Compensation (out of work)	0
Vacancies	<u>0</u>
Total Authorized/Budget	47

* Action since last meeting.

PERSONNEL TURNOVER REPORT
FISCAL YEARS 2015-2019

	<u>ADMIN.</u>	<u>LAB</u>	<u>MAINT.</u>	<u>OPS.</u>	<u>ENG'G</u>	<u>TOTAL</u>
<u>2015</u>						
AVERAGE NO. OF POSITIONS (12/01/14 -11/10/15)	5	3	8	20	7	43
NO. OF RESIGNATIONS / TERMINATIONS	0	0	3	2	0	5
% TURNOVER	0.0%	0.0%	37.5%	10.0%	0.0%	11.6%
<u>2016</u>						
AVERAGE NO. OF POSITIONS (12/01/15 -11/09/16)	5	3	8	21	8	45
NO. OF RESIGNATIONS / TERMINATIONS	1	0	0	1	0	2
% TURNOVER	20.0%	0.0%	0.0%	4.8%	0.0%	4.4%
<u>2017</u>						
AVERAGE NO. OF POSITIONS (12/01/16 -11/7/17)	6	3	9	22	6	46
NO. OF RESIGNATIONS / TERMINATIONS	0	0	1	3	1	5
% TURNOVER	0.0%	0.0%	11.1%	13.6%	16.7%	10.9%
<u>2018</u>						
AVERAGE NO. OF POSITIONS (12/01/17 -11/07/18)	5	3	9	21	10	48
NO. OF RESIGNATIONS / TERMINATIONS	1	0	2	4	0	7
% TURNOVER	20.0%	0.0%	22.2%	19.0%	0.0%	14.6%
<u>2019</u>						
AVERAGE NO. OF POSITIONS (12/01/18 -06/24/19)	5	3	10	20	9	47
NO. OF RESIGNATIONS / TERMINATIONS	2	0	1	0	0	3
% TURNOVER	40.0%	0.0%	10.0%	0.0%	0.0%	6.4%

STONY BROOK REGIONAL SEWERAGE AUTHORITY						
EMPLOYEE ROSTER - UNION POSITIONS						
June 24, 2019						
	DATE					HRLY.
	HIRED	NAME	POSITION	STATUS	LICENSE	RATE
1	05/01/1978	FUNCHERS, LANG	LEAD OPERATOR	FULL TIME, REG.	S3	\$ 38.71
2	09/10/1984	TRAPHAGEN, ROBERT R.	LEAD INSTRUMENTATION MECH.	FULL TIME, REG.	NONE	\$ 38.71
3	07/13/1987	HENRY, MICHAEL P.	LEAD ENVIRONMENTAL TECH	FULL TIME, REG.	NONE	\$ 34.75
4	02/22/1989	PACE, ROBERT J.	LAB SUPERVISOR+	FULL TIME, REG.	NONE	\$ 36.76
5	05/31/1989	IRELAND, JOSEPH R.	OPERATOR I	FULL TIME, REG.	S2	\$ 33.31
6	10/16/1989	IRIZARRY, JOSE A.	ENVIRONMENTAL TECH I	FULL TIME, REG.	S3	\$ 34.21
7	09/24/1990	FUNCHERS, TREMAYNE N.	OPERATOR I	FULL TIME, REG.	NONE	\$ 32.26
8	02/19/1991	PEREZ, DAVID G.	SEPT/SLUDGE REC OPER I	FULL TIME, REG.	NONE	\$ 29.23
9	07/06/1992	GERMANN, JAMES P.	INSTRUMENTATION MECHANIC	FULL TIME, REG.	S2	\$ 36.87
10	09/26/1993	IRELAND, JOHN C.	MECHANIC II	FULL TIME, REG.	NONE	\$ 32.26
11	10/23/1995	SCHROEDER, DALE M.	MECHANIC I	FULL TIME, REG.	NONE	\$ 34.75
12	06/06/2001	LECERF, ROBERTO M.	LEAD OPERATOR	FULL TIME, REG.	S1	\$ 36.75
13	03/01/2004	EDDY, CHRISTOPHER L.	LEAD OPERATOR	FULL TIME, REG.	S3	\$ 38.71
14	09/27/2004	DELGARDIO, PATRICK J	ENVIRONMENTAL TECH I	FULL TIME, REG.	S2	\$ 34.65
15	04/09/2007	LAZEWSKI, KRZYSZTOF D.	OPERATOR I	FULL TIME, REG.	S-2	\$ 33.21
16	04/07/2008	CRATE, JOSEPH N.	MECHANIC I	FULL TIME, REG.	NONE	\$ 34.65
17	08/18/2008	HILL, WILLIAM P. JR.	OPERATOR I	FULL TIME, REG.	S1, C3	\$ 32.66
18	12/06/2010	KITNER, KEVIN D.	SEPT/SLUDGE REC. OPER I	FULL TIME, REG	NONE	\$ 30.46
19	09/10/2012	DOBSON, PAUL	OPERATOR I	FULL TIME, REG	S2	\$ 33.01
20	06/15/2015	ROBBINS, JOHN J.	OPERATOR III	FULL TIME, REG	NONE	\$ 28.63
21	01/16/2017	HILTY, DONALD	MECHANIC III	FULL TIME, REG	NONE	\$ 30.16
22	07/10/2017	RIES, RICHARD	CUSTODIAN II	FULL TIME, REG	NONE	\$ 22.37
23	08/02/2017	LAVENBERG, JOSEPH	OPERATOR VI	FULL TIME, REG	NONE	\$ 28.63
24	11/27/2017	DYBAS, WIESLAW	MECHANIC III	FULL TIME, REG	NONE	\$ 30.16
25	12/04/2017	HILTY, MICHAEL	MECHANIC III	FULL TIME, REG	NONE	\$ 30.16
26	01/29/2018	SMITH, ETHAN	OPERATOR VI	FULL TIME, REG	NONE	\$ 21.14
27	05/07/2018	ALLEN, ANTHONY JR.	OPERATOR VI	FULL TIME, REG	NONE	\$ 21.14
28	05/14/2018	GARZON, MATTHEW	OPERATOR VI	FULL TIME, REG	NONE	\$ 21.14
29	05/14/2018	MACCLOUD, MATTHEW	OPERATOR VI	FULL TIME, REG	NONE	\$ 21.14
30	09/24/2018	HINKEL, KYLE	INSTRUMENTATION MECHANIC	FULL TIME, REG	NONE	\$ 34.36
31	04/29/2019	VALIQUETTE, JAMES	OPERATOR VI	FULL TIME, REG	NONE	\$ 20.64
			Average	\$ 31.50		\$ 965.59
* HOURLY RATE IS BASE RATE OF SECOND SHIFT PLUS S-LICENCE AND LONGEVITY PAY						
+ SHALL BE USED FOR THIS CLASSIFICATION ONLY BECAUSE IT IS MANDATED BY THE NJDEP						

**Stony Brook Regional Sewerage Authority
Employee Roster
Non Union Positions**

June 24, 2019

	Date Employed	Name	Position
1.	11/23/1981	Kunert, Robert J.	Plant Manager
2.	11/16/1987	Hess, Ronald W.	Assistant Information Technology Manager
3.	03/16/1988	Roga, Stephen J.	Assistant Maintenance Manager
4.	09/08/1989	Ireland, Jerold W.	Assistant Plant Manager
5.	12/09/1989	Irizarry, Javier	Safety Manager
6.	07/22/1991	Karlowitsch, Madelene	Purchasing Coordinator
7.	08/14/1995	Rahimi, Hossein	Laboratory Manager
8.	02/25/2002	Shurott-Pchola, Antonia F.	Executive Director
9.	02/25/2002	Bixby, Courtney B.	Assistant Manager of Engineering
10	08/23/2010	Stewart, Kyle	Assistant Manager of Operations, Engineering and Maintenance
11.	02/22/2016	Sears, Jonathan	Chief Financial Officer
12.	08/01/2016	Thomas, Matthew	IT Manager
13.	09/11/2017	Christiano, Angela	Human Resources
14.	10/01/2018	Doelling, Christopher	Manager of Engineering
15.	10/01/2018	Pizarro, Christopher	Project Engineer
16.	03/04/2019	Walker, Lisa	Staff Accountant

STONY BROOK REGIONAL SEWERAGE AUTHORITY

CORRESPONDENCE

STONY BROOK REGIONAL SEWERAGE AUTHORITY

Old Business

STONY BROOK REGIONAL SEWERAGE AUTHORITY

New Business

STONY BROOK REGIONAL SEWERAGE AUTHORITY

Open to the Public

Open to the Public

Open the public portion of the meeting.

If anyone wishes to speak, please state your name and address.

Close the public portion of the meeting.