STONY BROOK REGIONAL SEWERAGE AUTHORITY

Agenda

STONY BROOK REGIONAL SEWERAGE AUTHORITY

AGENDA: Meeting #569, May 20, 2019

TIME: 7:30 PM

LOCATION: Conference Room, Operations Building, Princeton, NJ

569.01 "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."

569.02 Approval of Minutes

- April 22, 2019

569.03 Board Related Activities

- Appointment of an Assistant Secretary
- **Action Item:**
  -Resolution 2019-33, Appointment of a Custodian of Records
- Consultant List

569.04 Planning and Administration

- Capacity Status Report
- Monthly Flow Transmittal

569.05 Approval Requests and Actions

- TWA (Treatment Works Approval)

  None received

- Extension of Time Requested

  -Maplewood at Princeton, Plainsboro Township

  -Resolution 2019-30, Authorizing Time Extension of Treatment Works Approval for Maplewood at Princeton on he Princeton Healthcare Campus, Block 1701, Lot 4.05

- Wastewater Management Plan Amendments/Information

  -Nothing to report

- Capacity Assurance

  -Quarterly WQM-007 for Hopewell Wastewater Treatment Plant
  -Capacity Analysis Report (CAR)

- Allocated Flow Update

  None

569.06 Regulatory Report

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

569.07 Safety

569.08 Litigation/Administrative Actions

- See Attached Report

569.09 Operations Report

- River Road Facility
- **Action Item:**
  -Resolution 2019-32, Resolution Authorizing the Emergency Procurement of Services for the Repair of the Leaking Effluent Flushing Water Line
- Upstream Facilities
- Odors
- Sludge Operations

569.10 Maintenance

569.11 Construction Report

- Studies General

  -Upstream Facilities Process Evaluation/Planning Study

- Design

  -River Road WWTP UV Disinfection/Filtration Design

- 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

- Process Control/SCADA

  -Field Trial of New Flow Meter
  -Plant Influent Flow Meter
  -Information Technology

569.12 Finance Report

- **Resolution 2019-31, Payment of Bills and Claims**
- Treasurer's Report
- Revenue and Expenditure Report
- Updated Capital Expenditure Report
- Interest Rate Comparison Report
- Monthly Sludge Business Analysis
- Yearly Sludge Business Results (2008 through 2018)

569.13 Personnel Report

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

569.14 Correspondence

- Information Only

569.15 Old Business

- None

569.16 New Business

- Award of Liquid Sludge Contract
  - Johnson & Johnson, CPC 50,000 gallons 01/01/2019 to 12/31/2019

569.17 Open to the Public

569.18 And such other issues as may come before the Board

569.19 Executive Session

- **Resolution 2019-34, Authorizing Closed Session Pursuant to the Open Public Meetings Law to Discuss the Executive Director's Salary Increase for 2019**

569.20 Adjournment

STONY BROOK REGIONAL SEWERAGE AUTHORITY

Approval of Minutes

Minutes of Meeting #568, April 22, 2019 – Stony Brook Regional Sewerage Authority

LOCATION:	Conference Room, River Road Plant, Princeton, NJ
MEMBERS PRESENT:	Downey, Goldfarb, Morehouse, Switlik
MEMBERS ABSENT:	Patel, Vilaro-Munet
CONSULTANTS:	Alexander
STAFF PRESENT:	Carlino, Christiano, Doelling, Hess, Ireland, Kunert, Pchola, Pizarro, Rahimi, Roga, Sears, Stewart, Thomas

568.01 Chairman Downey opened the regularly scheduled meeting at 7:30 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.

568.02 Approval of Minutes

The minutes were approved as presented on a motion by Mr. Goldfarb, seconded by Ms. Switlik and passed by a vote of 4 to 0.

568.03 Board Related Activities

Consultant List

The consultant list was provided for information. Ms. Pchola stated that there are no contracts pending award tonight.

568.04 Planning and Administration

Ms. Pchola reported that the most current 12-month average daily flow at the River Road WWTP is 11,283,848 gpd with 1,175,301 gpd of available capacity. The current 12-month average daily flow at the Hopewell WWTP is 305,190 gpd and is over capacity by 5,490 gpd. The current 12-month average daily flow at the Pennington WWTP is 337,298 gpd and is over capacity by 61,465 gpd.

Monthly Flow Transmittal

Ms. Pchola noted the monthly meter verifications were performed by staff on April 1, 2019 and on April 2, 2019. The North Ridge and Meter Station No. 7 meters required re-verification and adjustments.

At the North Ridge Meter Station, based on our procedures for re-verification, staff had to make two interim adjustments during the month of March. The flows from March 7, 2019 through March 13, 2019 were adjusted downward by 8.61%, the average of the March 6, 2019 and March 13, 2019 re-verification. The monthly flows from March 21, 2019 through March 31, 2109 were adjusted downward by 3.33%, the average of the March 20, 2019 re-verification and April 1, 2019 verification.

Ms. Pchola indicated that several adjustments were made during the month at Meter Station No. 7 based on re-verifications. The flows from March 2, 2019 through March 6, 2019 were adjusted upward by 3.54%, the average of the March 1, 2019 and March 6, 2019 reverification. The flow data for March 7, 2019 through March 12, 2019 were adjusted down by 2.43%, the average of the March 6, 2019 and the March 12, 2019 re-verification resulting in an adjustment of 12,000 gallons for the month.

Ms. Pchola stated that she had a discussion with Scott Cevera, South Brunswick's Superintendent of Public Works, who indicated that South Brunswick did rehabilitate eight manholes contributing to SBRSA's River Road plant.

Ms. Pchola indicated that she sent an email to the Township Engineer at West Windsor Township asking about their temporary metering, but no response has been received to date.

568.05 Approval Requests and Actions

TWA-1 Approvals

None

Extension of Time Request

Maplewood Senior Living Project, Plainsboro Township

Mr. Doelling indicated that there is no new information regarding the one-year time extension request from the Maplewood Senior Living project located in Plainsboro Township.

Allocated Flow Update

Mr. Doelling indicated that SBRSA received an update from American Properties regarding the Heritage at Pennington Phase I project. The previous update was in November 2018 that

reported 10 of the 28 units were occupied for a total of 3,000 gallons per day. Currently, 29 units out of the 44 units are occupied. The original allocated flow was 12,600 gpd; a total of 8,700 gpd have been removed from the allocated flow.

Ms. Pchola indicated that Pennington at Heritage is asking for their second-half of flow allocation. At this point in time SBRSA does not have the capacity at the Pennington WWTP and therefore we cannot sign the treatment works application. SBRSA will not have the capacity until the Pennington plant is fully operational.

A discussion ensued regarding the treatment works application and the capacity at the Pennington WWTP.

568.06 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 are currently being reviewed.
- The quarterly bioassay for the River Road facility was conducted in February and was submitted to NJDEP on March 26, 2019. The results for this study were greater than 100%.
- The January 2019 RDMRs were submitted to NJDEP. All River Road parameters were compliant with the Air Permit requirements.
- Staff is the process of reviewing the February 2019 RDMRs.

Air Reporting

Mr. Rahimi indicated that the fourth quarter 2018 Excess Emissions and Monitoring Report (Inc. No.1 w/RTO) and the second half 2018 40 CFR 60 Subpart O reports were revised and submitted with the correct source information and operating hours.

The first quarter 2019 Excess Emissions and Monitoring Report is currently being prepared.

Two affirmative defenses were submitted to NJDEP for Emergency Bypass events:
March 7, 2019 due to a fly ash slurry pump malfunction; and March 11, 2019 due to a Scrubber High Water Level alarm which occurred during the startup of a second fly ash slurry pump while operating simultaneous scrubbers in preparation for the annual RATA testing.

Laboratory

Mr. Rahimi reported that the NJDEP 2019 Proficiency Testing (PT) results are due to ERA on April 25, 2019.

The laboratory renewal certification applications for the River Road, Hopewell and Pennington WWTPs were submitted to NJDEP on March 26, 2019.

Miscellaneous

Mr. Rahimi indicated that the applications for the National Association of Clean Water Agencies (NACWA) 2018 Peak Performance Awards for all SBRSA facilities were submitted on March 26, 2019.

568.07 Safety

Mr. Doelling reported as of April 12, 2019; Stony Brook Regional Sewerage Authority has gone 1009 consecutive days without a "Lost Time Accident."

Mr. Doelling reported that on March 28, 2019 staff held its quarterly safety meeting.

Mr. Doelling reported at April 2, 2019 the Joint Insurance Fund conducted an inspection of the Operations Building at River Road facility. Staff continues to evaluate the necessity of repairs or replacement of the above ground fuel storage tanks. On April 4 and 5, 2019, Crompco installed the new anodes for the 20,000-gallon underground fuel oil storage tank located at the rear parking lot of the Operations Building.

Mr. Goldfarb stated that he sees the roof replacement project is going to happen sooner rather than later. He then asked if staff will be addressing all SBRSA roof related safety issues as part of the project.

Mr. Doelling responded that staff would not be addressing several existing requests for handrailing or other items as part of the roof replacement project and that these requests will be evaluated after the roof project.

Mr. Goldfarb asked that SBRSA identify safety related issues that have been postponed and incorporate these into projects as they are scheduled.

Mr. Doelling indicated that the staff does try to incorporate known safety issue projects into new projects as best we can.

Mr. Doelling indicated that the 2019 inspection is currently taking place, which will generate new/additional items.

Mr. Goldfarb emphasized that the coordination of safety related issues are important for determining project prioritization.

Dr. Downey asked if the roof and safety handrailing are separate because SBRSA is implementing this project through the Mercer County Cooperative (MCC).

Mr. Doelling stated that roof handrailing would require engineering and design, and this is not within the MCC's scope of work. Once the roof is replaced the handrailing requests will be evaluated and added to the project list, as needed.

568.08 Litigation

The Litigation Report was provided for information. Ms. Alexander indicated that there were no changes to the report.

568.09 Operations Report

River Road Facility

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

Mr. Kunert reported that SBRSA will be accepting approximately 300 cubic yards of sludge cake from Raritan Township MUA and approximately 100 cubic yards from Lambertville WWTP while the Atlantic County Utilities Authority (ACUA) Incinerator is shut down for maintenance. ACUA expects their Incinerator to be operational in about three (3) weeks.

Mr. Kunert reported that Incinerator No. 1 was de-slagged by Albertus Energy under the current bid contract. The inspection process has begun to evaluate all necessary repairs.

Mr. Kunert reported that he contacted Mr. Robert Hough, Director of Princeton Department of Infrastructure and Operations, regarding tree removal from the River Road Treatment Plant property. It was reported that SBRSA has a considerable number of trees on our site that would put the operation of our facility at risk should these trees fall down during a storm event. An Arborist that works for Princeton visited the site and agrees with our concerns. The Arborist recommended that the trees be removed. Staff is in the process of obtaining quotes for the tree removal.

Mr. Kunert reported that two tours were given: one for a few Princeton University students along with their Professor, and the other, with an individual that is considering moving into the Princeton area. They all made mention that they were amazed at the absence of odors while touring the facility.

Mr. Kunert reported that SBRSA received the Annual NJDEP Inspection Report which took place on March 19, 2019. SBRSA was found to be "in compliance" at all three facilities in

all areas inspected. Also, SBRSA was granted the Affirmative Defense for the Chlorine Produced Oxidants (CPO) loading exceedance experienced during a high flow event which occurred during the November 2018 monitoring period.

Upstream Facilities

Mr. Kunert reported the Upstream Facilities operated well during this reporting period.

As part of the construction at the Pennington Facility a 10-inch service water pipe needed to be re-routed which required staff to close the valve from our standpipe which holds 90,000 gallons of final effluent. This underground valve has not been closed for 30 years. The contractor excavated around this valve so staff could lubricate and exercise it. SBRSA was successful in being able to close the valve far enough for the contractor to complete their work.

Odor Report

Mr. Kunert reported that staff received no Odor Complaints from our surrounding area during the month of March. Two odor complaints were received during the partial April 2019 reporting period. The Mercer County Health Department (MCHD) investigated the complaints and found no odors at the homes of each complainant. MCHD also came to the River Road facility and found no odors at the time of their visit.

Customer Septage and Sludge Deliveries

Mr. Kunert reported that for the month of March, the quantity of liquid sludge was 7% below the budgeted amount and sludge cake was 25% above the budgeted amount. The quantity of gray water was 25% above its budgeted amount for the month of March.

568.10 Maintenance

Mr. Stewart reported that currently SBRSA has three (3) Ashbrook Winklepress (WNKP) 2.0 Meter Belt Filter Presses (BFP). BFPs 1 and 2 were installed in 1997 and BFP 3 was installed in 2005.

BFPs 1 and 2 are starting to require more frequent maintenance due to continuous operation and exposure to corrosive liquid and hydrogen sulfide (H_2S) gas. In addition to the condition of the units, the replacement parts for all three presses are becoming more difficult to purchase as most parts are not in stock, must be special ordered, and have a long lead time because they come from Germany. The BFP model we currently use is also becoming obsolete.

Mr. Stewart reported that staff contacted Ashbrook and was provided with an estimated cost of $250,000 per press for rehabilitation.

Ms. Pchola indicated that in 2005 the cost to replace BFP No. 3 was approximately $792,000. There were other related costs associated with that project.

Mr. Stewart reported that the staff was looking into alternative dewatering technologies.

Ms. Pchola stated that the staff is not moving forward with purchasing any new equipment at this time. The staff is just reporting their concerns. Any decision would first require an engineering evaluation. The staff would reach out to other authorities to see what they are using and what other technologies are being used in the industry.

A discussion ensued regarding the condition of the existing belt filter presses.

The Princeton Pump Station Mechanical Climber Screen was removed from service on February 11, 2019 due to high amperage. The carrier assembly was removed and sent to Marshall Industrial Maintenance for repairs. Once the assembly repairs were completed the unit was installed along with new bearings and placed back into operation.

The current monthly progress report and the list of completed Work Orders and Preventative Maintenance for the month of March 2019 were provided. SBRSA's current monthly open work requests stand at twenty-five (25), averaging two (2) days overdue and the number of overdue units is approximately seven (7).

568.11 Construction Report

Upstream Facilities Process Evaluation/Planning Study

Mr. Doelling reported that staff (Engineering and Operations) met on April 9, 2019 to review the draft Hopewell STP Process Evaluation/Planning Study. Comments regarding the upgrade were collected and a meeting will be scheduled to review those comments with Kleinfelder.

Phosphorous Impact Modeling Study

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

Title V Permit

Mr. Doelling reported that a response to EPA's list of questions was submitted to EPA on March 15, 2019.

NJPDES Permits

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

2019 Annual Inspection

Mr. Doelling reported that the 2019 Annual Inspection is currently taking place. Kleinfelder and Elecsys were on site for the annual inspection. Mr. Irizarry accompanied Kleinfelder through a portion of the annual inspection to review comments.

Meeting with Princeton University

Princeton University is in the initial stages of development for a campus extension on the property between Lake Carnegie and Route 1. A pedestrian bridge is proposed to cross over Lake Carnegie and the Delaware and Raritan Canal. Preliminary planning of this bridge requires a support pier to be located near the SBRSA Stony Brook Interceptor. Staff met with Princeton University April 12, 2019 regarding the proposal. Preliminary details were discussed, but no decisions or conclusions were required, only an agreement that more information was needed. A graphic showing the location of the bridge was included with the Construction Report and additional information is available on the University's website.

River Road WWTP UV Disinfection/Filtration Design

Mr. Doelling reported that Kleinfelder continues with the preliminary design, and addressing staff's comments and concerns. On April 5, 2019, Kleinfelder submitted 30% design documents, which are being reviewed by staff. A meeting with Kleinfelder is scheduled for May 10, 2019.

Contract 14-1, SBRSA Emergency Generator Project

Mr. Doelling reported that this project stands at 99% complete. During the past reporting period Centrica was on-site and installed the new PLC program to correct an alarm issue on the natural gas generator local control panel (LCP). The system was tested and operated normally. The review of the revised short circuit coordination study was completed, and comments were returned to TCI / Siemens.

On April 12, 2019 Centrica was on-site to correct the Human Machine Interface (HMI) alarm issues and complete additional testing. Inspection and testing revealed that three of the sixteen cylinders on the generator's engine were operating at lower temperatures than the other cylinders, and these cylinders all had an identical component failure. The engine has been taken out of service until the manufacturer, Mitsubishi, evaluates the components and recommends a repair procedure. Two technicians were onsite downloading historical data for analysis and removing the heads in question for inspection to make sure that there is no damage to them including inspection of liners for the same reason. All equipment is under warranty.

Contract 16-1, Schwing Pump Replacement Project

Mr. Doelling stated that this project remains at 90% complete. The contractor, MBE Mark III Electric, is still on schedule to have the bypass piping and valves installed and all painting

completed by early June. On April 15 and 16, 2019, Schwing was on-site and conducted training on the new Schwing pumps for Operations, Maintenance, and Instrumentation personnel.

Contract 17-1, Pennington WWTP Upgrade and Expansion

Mr. Doelling reported that as of Progress Payment No. 8 this project stands at 34% complete. On April 5, 2019, SBRSA and Kleinfelder met with the contractor and their system integrator, A.K. De Rama, to review the requirements and expectations for the new SCADA system and its integration into our existing SCADA system.

Mr. Doelling reported that the expected completion date is still December 2019 or early next year.

Contract 18-3, Millstone Pump Station Odor Abatement Design

Mr. Doelling reported that on March 26, 2019 a pre-construction meeting was held with the contractor, B.R. Welding, Inc. B.R. Welding is in the process of obtaining and submitting shop drawings for the equipment and materials.

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

Mr. Doelling reported that on April 1, 2019 staff completed their review of the Parshall flume re-submittal and returned comments to the contractor. The lead time on the new Parshall flume is approximately twelve (12) weeks and will be ready for installation soon after.

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

Mr. Doelling reported that bids for this project were received on April 11, 2019. Of the sixteen (16) potential bidders, eight (8) bids were received ranging in price from $178,900 to $338,000. A summary of the bids was included. On April 15, 2019 SBRSA received a letter from the lowest bidder, VNL, Inc., indicating that they had made a mathematical error in their bid proposal and requested that their bid be withdrawn. Notification was also received by registered mail.

Such a request is allowable under the N.J. Local Public Contracts Law if certain conditions are met. The withdrawal letter and supporting documentation were sent to Authority Counsel for review and opinion. Based on their review of the submitted documents, Counsel concluded that the Authority may allow VNL, Inc. to withdraw their bid and award the project to the next lowest responsible bidder which in this case, is Iron Hills Construction, Inc. of Wayne New Jersey.

The bid documents for the next lowest responsible bidder, Iron Hills Construction, Inc. were reviewed and found to complete. Staff recommends award of Contract 19-1 to Iron Hills Construction, Inc. in the amount of $228,000.

Resolution 2019-28 was moved by Mr. Morehouse, seconded by Mr. Goldfarb and passed by a roll call vote of 4 to 0. Resolution 2019-28 follows.

Resolution Authorizing the Award of Contract 19-1 River Road WWTP Nitrification Clarifier No. 2 Improvements Project

Resolution No. 2019-28

WHEREAS, the Stony Brook Regional Sewerage Authority (Authority) advertised for the receipt of sealed competitive bids in accordance with the requirements of the New Jersey Local Public Contracts Law, N.J.S.A. 40A:11-1 et seq. for the "River Road WWTP Nitrification Clarifier No. 2 Improvements Project, Contract 19-1"; and

WHEREAS, sealed competitive bids were received by the Authority on April 11, 2019, as more fully set forth as attached; and

WHEREAS, subsequent to the receipt of competitive bids for the project, the Authority received a formal letter request dated April 15, 2019 from the low bidder, VNL, Inc. requesting withdrawal of their bid due a computational error in their bid proposal; and

WHEREAS, such a request may be granted if the request meets the requirements of the New Jersey Local Public Contracts Law, N.J.S.A. 40A:11-23.3; and

WHEREAS, the matter was referred to Authority counsel for review and an opinion; and

WHEREAS, Authority counsel has concluded that the request by VNL, Inc. to withdraw their bid satisfied the requirements of the New Jersey Local Public Contracts Law, N.J.S.A. 40A:11-23.3, and could be granted by the Authority as more fully set forth in a memorandum dated April 17, 2019 as attached; and

WHEREAS, the New Jersey Local Public Contracts Law, N.J.S.A. 40A:11-23.3 allows the contracting agency to continue the award process with the remaining bids once the decision to approve the withdrawal is made; and

WHEREAS, the Authority desires to accept the withdrawal request of VNL, Inc. in accordance with N.J.S.A. 40A:11-23.3; and

WHEREAS, the next lowest bid received from Iron Hills Construction Co., Inc. has been reviewed by the Authority and counsel and the bid does not contain any material defects and has been determined to be in compliance with the bid specifications and in accordance with the Local Public Contracts Law N.J.S.A. 40A:11-1 et seq.; and

WHEREAS, the 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 VNL, Inc.'s request to withdrawal their bid for the "River Road WWTP Nitrification Clarifier No. 2 Improvements Project, Contract 19-1" in accordance with N.J.S.A. 40A:11-23.3; and

BE IT FUTHER RESOLVED by the Stony Brook Regional Sewerage Authority that all immaterial defects contained in the bid of Iron Hills Construction Co., Inc. are waived, if any, and it awards Contract No. 19-1 to Iron Hills Construction Co., Inc. for the River Road WWTP Nitrification Clarifier No. 2 Improvements Project in the bid amount of $228,000 as the lowest responsible bidder in accordance with the Local Public Contracts Law, N.J.S.A. 40A:11-1 et seq.; and

BE IT FURTHER RESOLVED by the Stony Brook Regional Sewerage Authority that all bid security, except the security of the three apparent lowest responsible bidders shall be returned. The Bid Security of all unaccepted bidders shall be released or returned within three days, Sundays and holidays excepted, after the awarding and signing of the contract and the approval of the contractor's performance bond in accordance with N.J.S.A. 40A:11-24; 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.

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

Contract 19-1 River Road WWTP
Nitrification Clarifier No. 2 Improvements Project

Bid Summary

Bidder	***Bid Amount***
VNL Inc. 971 W. Chestnut Street Union, NJ 07083	$178,900
Iron Hills Construction Co., Inc. 17 Alpine Dr. Wayne, NJ 07470	$228,000
BR Welding, Inc. 3 Brook Road Howell, NJ 07731	$229,000
Allied Construction Group, Inc. 499 Washington Road Parlin, NJ 08859	$255,800
GMH Associates of America 5 Chelton Way Bldg. 15 Trenton, NJ 08638	$274,058
C & H Industrial Services, Inc. 542 Penny Street Franklinville, NJ 08322	$323,000
Blooming Glen Contractors, Inc. 2082D Lucon Road Schwneksville, PA 19473	$324,741
Derstine Company 320 Cowpath Road Souderton, PA 18964	$338,000

River Road Wastewater Treatment Plant - Operations Building Roof Replacement Project

Mr. Doelling reported that the existing roofing system for the Operations Building at the River Road Wastewater Treatment Plant was installed in 1998. The roofing system has reached the end of its useful life and needs to be replaced. SBRSA staff are currently working with representatives of the Mercer County Cooperative to have the roof replaced under the Mercer County Cooperative purchasing agreement. This approach will reduce installation costs and shorten the installation time frame. Staff expects to receive the first quote for the work by the end of April. The estimated cost for the roof replacement work is $200,000.

Ms. Pchola reported the new roof would be a built-up roof not a membrane roof.

Process Control/SCADA

Mr. Doelling indicated that the monthly flow meter verification was conducted by staff on April 1, 2019 and April 2, 2019. Preventative maintenance was completed for all field devices and process control loops.

Staff is evaluating a new ultrasonic flow metering device for a potentially more accurate and reliable measurement of open channel flow. A field trial of the new device is planned for Meter Station No. 7 starting the week of April 29.

Mr. Goldfarb stated that SBRSA is now getting 31 days of results within 5%.

Mr. Doelling stated we have 2.5% difference between the sum of the flow meters and the River Road influent flow meter for this month.

Plant Influent Flow Meter

Mr. Doelling reported there was an issue with the River Road Influent meter on March 1, 2019 and March 2, 2019. The data for these two days were replaced with the sum of the flow meters for this period.

Information Technology

Mr. Thomas reported that IT has begun migrating a few select user workstations from Windows 7 to Windows 10 to insure there will be no compatibility issues. Once confirmed, the remaining computer operating systems will be moved to Windows 10.

In order to meet the record retention requirement for the video surveillance system at all sites, IT will be purchasing a new sever with additional storage.

Our SCADA system currently runs on a legacy "Historian" database, which is no longer supported by the vendor. In order to continue updating our SCADA software, SBRSA is looking at the complexity of moving to the new system “iHistorian.” IT may be able to do this in-house, however; if not, we would have to reach out for outside support on getting all data imported to the “iHistorian.”

IT has issued a request for quotations (RFQ) for re-cabling the Operations Building and the replacement of select fiber optic lines at the River Road plant site. The RFQ was distributed to cabling vendors on the New Jersey State contract. A pre-bid meeting was held on April 17, 2019 and the receipt of final quotes is scheduled for May 7, 2019. Staff expects to recommend award of the project to the selected vendor at the May 20, 2019 Authority Board meeting.

56.12 Finance

Payment of Bills and Claims

Mr. Goldfarb moved for approval of Resolution 2019-22 for the payment of bills and claims in the amount of $1,572,411.29 with two signatures instead of three. The motion was seconded by Dr. Downey.

Resolution 2019-26 was then passed by a roll call vote of 4 to 0. Resolution 2019-26 follows.

Resolution Regarding Payment of Bills and Claims

Resolution No. 2019-26

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 $1,572,411.29 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 four months of the 2019 fiscal year ending March 31, 2019, was $570,469.00. The Authority has total cash and investments of $17,586,287. The current construction projects balance is $10,003,562. Mr. Sears noted there are sufficient funds for these projects. The outstanding bond principal balance is unchanged, $17,577,119.

Monthly Sludge Business Analysis

Mr. Sears reported that the monthly net income figure for the month of March is $107,690 and the cumulative net income is $406,767.

Staff recommended approval of Resolution 2019-27, Authorizing the Award of a "No Political Contributions Allowed" Contract(s) for Non-Professional Service Vendors.

Resolution 2019-27 was moved by Mr. Goldfarb, seconded by Mr. Morehouse and passed by a roll call vote of 4 to 0. Resolution 2019-27 follows.

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

Resolution No. 2019-27

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

WHEREAS, the purchasing agent 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.

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

Year 2019 No Political Contribution Contracts:	
Company Name	**Service**
Alfa-Laval, Inc.	Parts for Belt Press
GKD-USA	Filter Belts
Hesco Electric Supply Co. Inc.	Electric Supplies
Lockwood's Electrical Motor	Motors and Repair for Motors
Mack Industries, Inc.	Parts for HVAC & Incinerator
Quill Corporation	Office Supplies
Shafts & Sleeves Co.	Mechanical/Repairs
Sherwood-Logan & Assoc.	Pump Supplies
Xylem Dewatering Solutions	Pump Rentals

Staff recommended approval of Resolution 2019-29 for fiscal year 2019, Authorizing Contracts with Certain Approved State Contract Vendors for Contracting Units Pursuant to N.J.S.A. 40 A:11-12a.

The motion was moved by Mr. Goldfarb and second by Mr. Morehouse and passed by a roll call vote of 4 to 0. Resolution 2019-29 follows.

Resolution Authorizing Contracts with Certain Approved State Contract Vendors for Contracting Units Pursuant to N.J.S.A. 40A:11-12a

Resolution No. 2019-29

WHEREAS, the Stony Brook Regional Sewerage Authority, pursuant to N.J.S.A. 40A:11-12a and N.J.A.C. 5:34-7.29(c), may by resolution and without advertising for bids, purchase any goods or services under the State of New Jersey Cooperative Purchasing Program for any State contracts entered into on behalf of the State by the Division of Purchase and Property in the Department of the Treasury; and

WHEREAS, the Stony Brook Regional Sewerage Authority has the need on a timely basis to purchase goods or services utilizing State contracts; and

WHEREAS, the Stony Brook Regional Sewerage Authority intends to enter into contracts with the attached Referenced State Contract Vendors through this resolution and properly executed contracts, which shall be subject to all the conditions applicable to the current State contracts;

NOW, THEREFORE, BE IT RESOLVED, that the Stony Brook Regional Sewerage Authority authorizes the Purchasing Agent to purchase certain goods or services from those approved New Jersey State Contract Vendors on the attached list, pursuant to all conditions of the individual State contracts; and

BE IT FURTHER RESOLVED, that the governing body of the Stony Brook Regional Sewerage Authority pursuant to N.J.A.C. 5:30-5.5(b), the certification of available funds, shall either certify the full maximum amount against the budget at the time the contract is awarded, or no contract amount shall be chargeable or certified until such time as the goods or services are ordered or otherwise called for prior to placing the order, and a certification of availability of funds is made by the Chief Finance Officer; and

BE IT FURTHER RESOLVED, that the duration of the contracts between the Stony Brook Regional Sewerage Authority and the Referenced State Contract Vendors shall be from December 1, 2018 to November 30, 2019.

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

Commodity/Service	Vendor	State Contract #
Automotive Parts and Supplies	National Parts Supply	**T-2761**
Gases: Medical, Specialty and Industrial	Airgas USA LLC	**T-0081**
Vehicles (F250)	Byers Ford	**T-88727**
Copiers & Multi-Function Devices	Kyocera Document Solutions	**G-2075**

568.13 Personnel Report

The Personnel Report was provided for member information.

568.14 Correspondence

For information.

568.15 Old Business

There was nothing to report.

568.16 New Business

There was no New Business to report.

568.17 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.

568.18 And such other issues as may come before the Board

Mr. Goldfarb stated that he would like a better representation of the Board before deciding on the issue to be discussed in Executive Session. On this type of issues, he feels that there should be only one Board member absent.

Dr. Downey reported that in the past the Board has entered Executive Session without a full Board.

Ms. Alexander stated as long as all the members vote you have a quorum to pass the resolution, if anyone abstains, you do not.

Dr. Downey stated that since we are going into the summer months it will be more difficult to have more than a quorum.

Mr. Goldfarb stated that he would agree to go into Executive Session to discuss that issue, make a recommendation, and act on it next month. This way those who are absent have a chance to make a recommendation.

568.19 Executive Session

The Board entered Executive Session at 8:17 pm on a motion by Mr. Goldfarb, seconded by Mr. Morehouse and passed by a roll call vote of 4 to 0. Resolution 2019-25 follows.

Resolution Authorizing Closed Session
Pursuant to the Open Public Meetings Law

Resolution 2019-25

BE IT RESOLVED by the Stony Brook Regional Sewerage Authority on this 22nd day of April, 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.

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

Report of Executive Session

A discussion took place regarding the Executive Director's salary increase. Further information is required and therefore no decision was made.

Return to Public Session

The Board returned to Public Session at 8:48 p.m. on motion by Mr. Goldfarb, seconded by Mr. Morehouse and passed by unanimous vote.

568-20 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
May 6, 2019

STONY BROOK REGIONAL SEWERAGE AUTHORITY

BOARD RELATED ACTIVITIES

Resolution Appointing a
Custodian of Records

Resolution No. 2019-33
Dated: May 20, 2019

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.

Moved:
Seconded:
Adopted: May 20, 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 May 20, 2019.

_____
Antonia Pchola, Secretary

_____
Date

SBRSA CONSULTANTS FY 2019

May 2019

	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

	Contract Award Date	Contract Type	Contract Award	Total Contract Amount (including amendments)	Comments
R3M					
Millstone PS Odor Abatement System Improvements	6/26/2017	Design CS	No Political Contributions Allowed	$102,209 (LS) $24,843(TC)	Resolution 2017-41 Amendment No. 1 $30,653 Des (LS) $6,312 CS (TC) Resolution 2018-08
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)

Contracts to be Awarded	**Contract Award Date**	**Contract Type**	***Contract Award***	***Contract/ Amendment Amount***	***Comments***

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

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

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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

Diane Alexander, Esq.

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

STONY BROOK REGIONAL SEWERAGE AUTHORITY

Planning and Administration

MAY 2019 CAPACITY STATUS REPORT

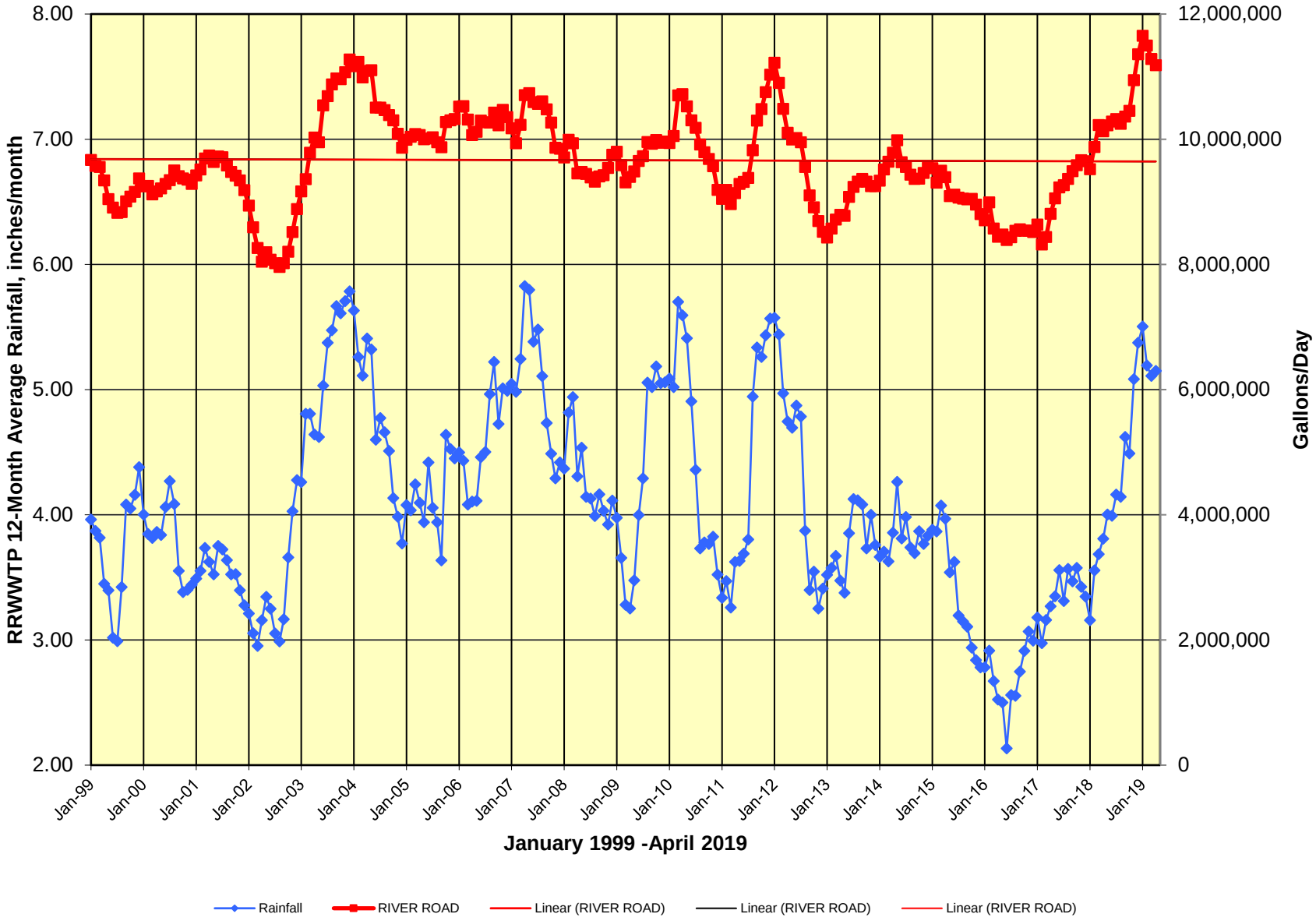
April 2019 Flow Data

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	3,911,792				
West Windsor Township	298,978	2,779,376				
South Brunswick Township	291,123	4,203,681				
RIVER ROAD PLANT BILLING METER TOTALS		10,894,849				
River Road WWTP Influent Meter	600,851	11,183,849	11,784,700	13,060,000	1,275,300	9.76%
Hopewell WWTP Plant	300	304,451	304,751	300,000	(4,751)	-1.58%
Pennington WWTP Plant[5]	24,437	335,882	360,319	300,000	(60,319)	-20.11%

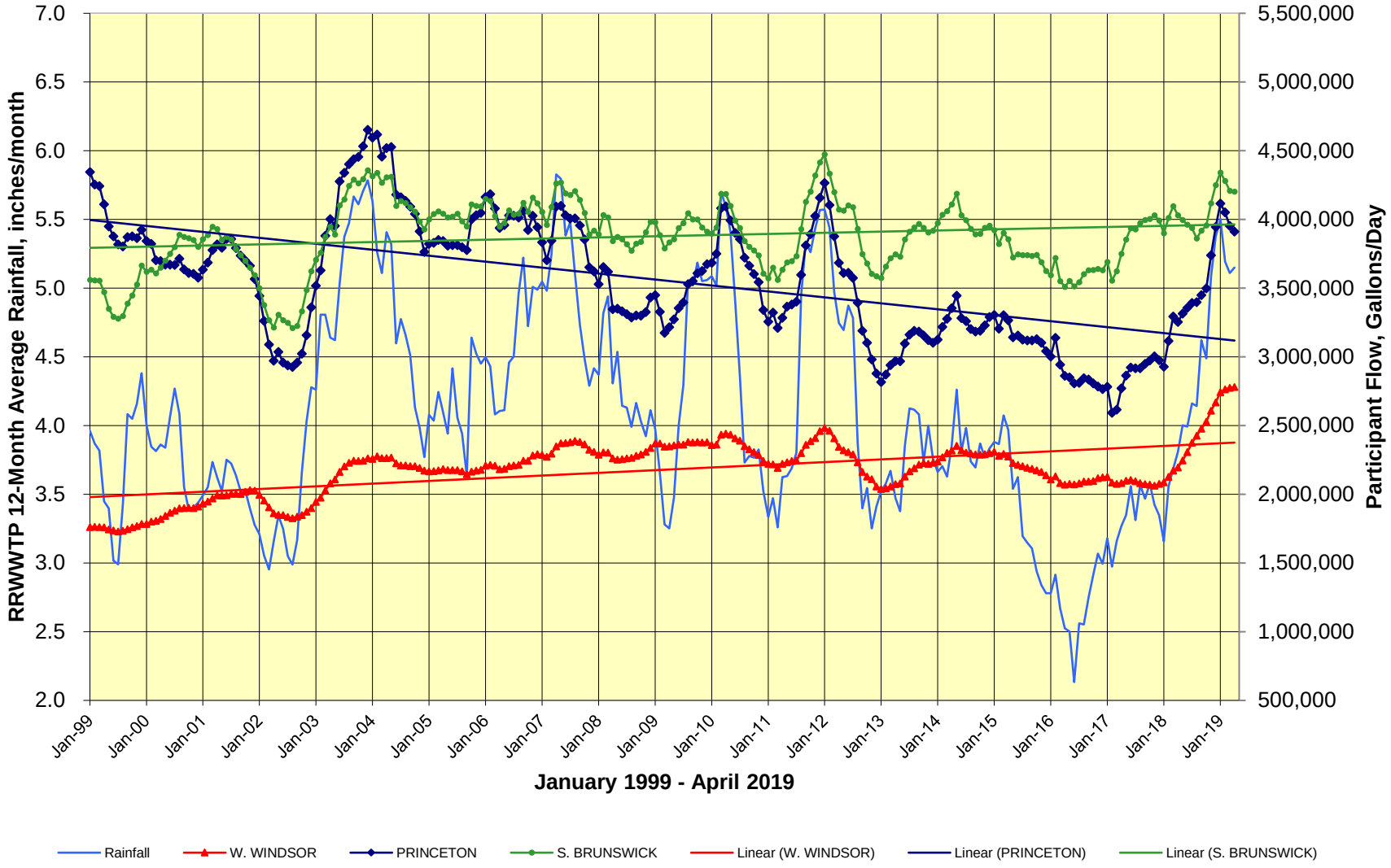
(1) Inoperative Flow is Overstated: Some projects will not be built.
(2) Most Current 12-Month Average Daily Flow Understated: Some projects not entirely connected.
(3) RIVER ROAD PLANT BILLING METER TOTALS: Figures represent the adjusted flow values and are based on the sum of the various meters.
(4) **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 4,463 gpd.
The difference of the approved flow (25,000 gpd) and the 12-month ADF (4,463 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

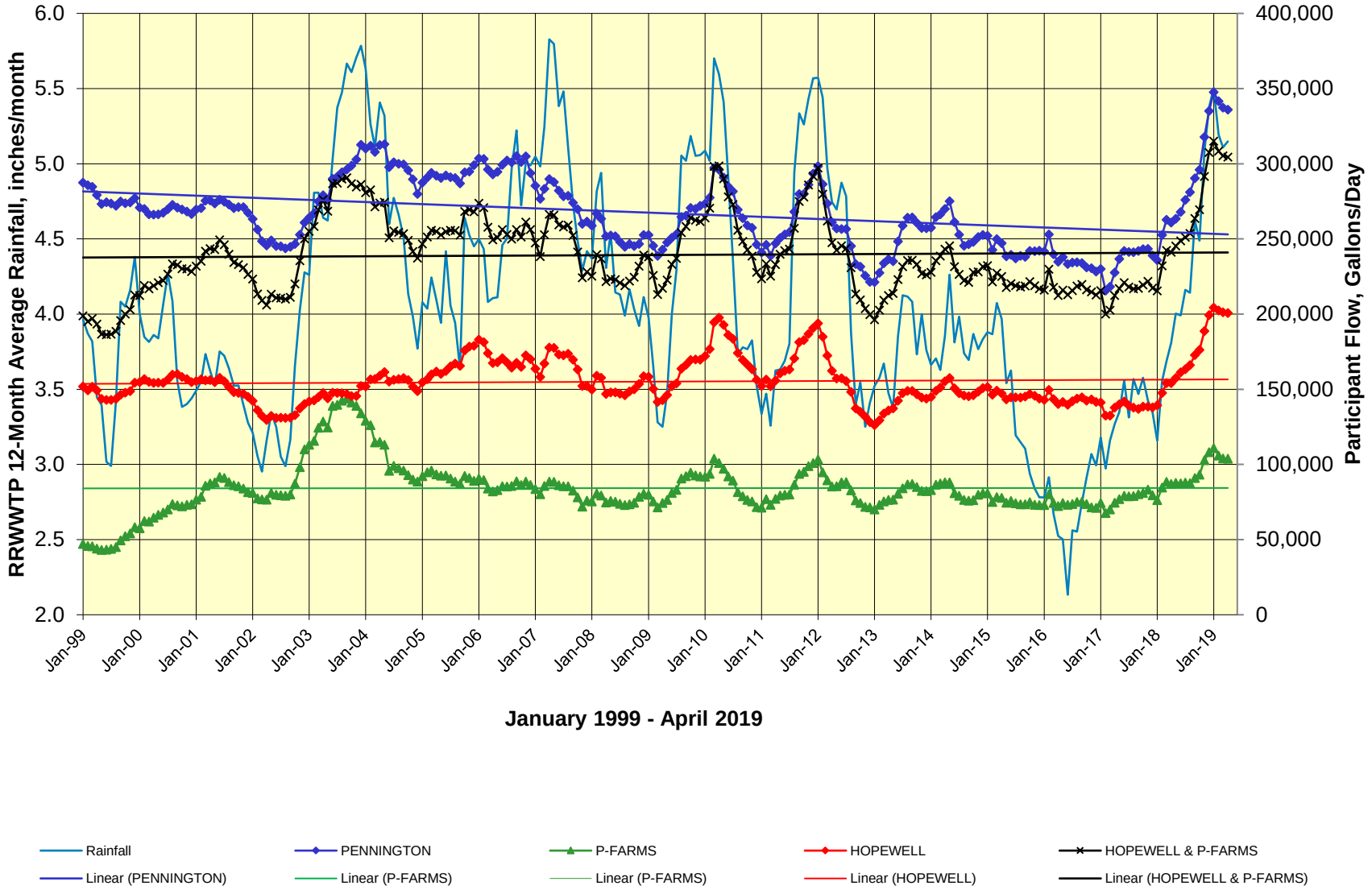
River Road 12 Month Averages for Daily Flow and Rainfall



RIVER ROAD 12 MONTH AVERAGE DAILY FLOWS



UPSTREAM 12 MONTH AVERAGE DAILY FLOWS



MONTH/ YEAR	PRINCETON	MOVING 12 MONTH AVERAGE	SOUTH BRUNSWICK TOWNSHIP	MOVING 12 MONTH AVERAGE	WEST WINDSOR TOWNSHIP	MOVING 12 MONTH AVERAGE	TOTAL FLOW	RIVER ROAD STP MOVING 12 MONTH AVERAGE	RR STP INF METER	RR INF METER MOVING 12 MONTH AVERAGE	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
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	10,770,176	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	258,787	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	1,990,607	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	7,197,523	9,188,504			2.48	3.28	229,243	267,304	128,098	144,897	60,724	81,512	188,821	226,409
JAN 02	2,738,669	3,443,380	3,253,897	3,499,194	1,755,182	1,995,810	7,747,748	8,938,384			3.01	3.21	251,729	263,212	136,400	142,165	94,622	81,083	231,022	223,248
FEB	2,884,510	3,261,877	3,245,365	3,375,936	1,723,619	1,954,022	7,853,494	8,591,835			0.86	3.05	243,158	256,146	121,897	136,063	92,706	77,337	214,604	213,401
MAR	3,401,761	3,089,230	3,871,364	3,267,054	1,787,328	1,905,047	9,060,453	8,261,331			4.82	2.95	267,885	248,449	146,918	132,303	145,180	76,779	292,098	209,081
APR	3,394,907	2,970,793	3,551,561	3,213,559	1,816,301	1,860,720	8,762,768	8,045,072			4.45	3.16	254,015	245,642	131,748	129,543	91,395	76,517	223,142	206,060
MAY	4,246,869	3,035,171	4,393,800	3,307,092	1,913,242	1,850,444	10,553,911	8,192,707			5.61	3.34	304,167	248,954	166,825	132,271	132,252	80,988	299,078	213,259
JUN	3,135,478	2,958,564	3,438,446	3,267,613	1,934,363	1,848,148	8,508,287	8,074,325			5.13	3.25	247,302	245,320	147,590	130,864	84,753	79,848	232,343	210,712
JUL	2,606,643	2,936,871	2,850,595	3,247,174	1,709,839	1,835,677	7,167,077	8,019,723			1.41	3.05	206,450	244,992	116,836	131,065	47,006	79,554	163,843	210,619
AUG	2,448,990	2,925,969	2,656,532	3,209,265	1,743,316	1,826,268	6,848,838	7,961,502			2.96	2.99	208,751	243,723	116,163	130,913	48,212	79,103	164,375	210,016
SEP	2,983,185	2,958,374	3,136,033	3,225,076	1,918,284	1,837,163	8,037,503	8,020,612			5.41	3.17	241,760	244,709	125,614	131,143	63,824	80,024	189,437	211,167
OCT	3,427,505	3,023,463	3,995,638	3,331,208	2,106,025	1,848,846	9,529,168	8,203,517			6.83	3.66	268,796	246,683	136,941	132,807	135,321	87,222	272,261	220,029
NOV	4,189,591	3,156,368	4,558,783	3,487,093	2,176,792	1,872,534	10,925,166	8,515,995			5.37	4.03	309,420	252,723	172,616	137,304	181,821	98,151	354,437	235,455
DEC	4,862,425	3,360,044	4,527,877	3,623,324	2,216,518	1,900,067	11,606,820	8,883,436			5.47	4.28	327,075	260,876	162,773	140,193	202,008	109,925	364,781	250,118
JAN 03	4,611,798	3,516,138	4,256,291	3,706,857	2,299,808	1,945,453	11,167,897	9,168,448			2.81	4.26	289,842	264,052	156,857	141,898	133,045	113,127	289,902	255,025
FEB	4,232,893	3,628,504	3,846,967	3,756,991	2,079,477	1,975,108	10,159,337	9,360,602			7.41	4.81	278,456	266,993	129,834	142,560	123,298	115,676	253,133	258,236
MAR	6,435,343	3,881,302	5,273,587	3,873,842	2,432,001	2,028,831	14,140,931	9,783,975			4.82	4.81	362,951	274,915	174,108	144,825	250,495	124,452	424,603	269,278
APR	4,832,474	4,001,099	4,433,822	3,947,364	2,418,618	2,079,024	11,684,915	10,027,487			2.46	4.64	303,031	279,000	164,607	147,564	139,618	128,471	304,226	276,035
MAY	3,662,791	3,952,426	3,716,837	3,890,951	2,249,101	2,107,012	9,628,729	9,950,389			5.38	4.62	266,573	275,867	123,228	143,931	84,510	124,492	207,738	268,423
JUN	7,027,940	4,276,798	5,977,750	4,102,559	2,595,869	2,162,137	15,601,559	10,541,495			10.05	5.03	417,224	290,027	192,919	147,708	258,130	138,941	451,049	286,649
JUL	3,366,134	4,340,089	3,369,984	4,145,842	2,202,068	2,203,156	8,938,186	10,689,087			5.51	5.37	222,403	291,357	114,078	147,478	54,501	139,565	168,580	287,043
AUG	3,184,783	4,401,405	3,838,850	4,244,368	2,044,574	2,228,261	9,068,206	10,874,035			4.17	5.47	242,782	294,193	115,465	147,420	81,915	142,374	197,381	289,794
SEP	3,416,533	4,437,517	3,680,155	4,289,712	2,112,468	2,244,443	9,209,155	10,971,672			7.72	5.67	265,496	296,171	117,990	146,785	81,238	143,825	199,228	290,610

MONTH/ YEAR	PRINCETON	MOVING 12 MONTH AVERAGE	SOUTH BRUNSWICK TOWNSHIP	MOVING 12 MONTH AVERAGE	WEST WINDSOR TOWNSHIP	MOVING 12 MONTH AVERAGE	TOTAL FLOW	RIVER ROAD STP MOVING 12 MONTH AVERAGE	RR STP INF METER	RR INF METER MOVING 12 MONTH AVERAGE	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
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	10,386,118			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	4,042,513	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	2,166,693	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	10,530,199			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	3,702,723	3,276,960	3,960,645	2,226,356	2,273,011	8,793,202	9,936,378			0.88	4.98	233,059	276,559	123,321	158,128	63,529	80,151	186,849	238,279
MAR	5,215,426	3,845,637	4,883,977	4,090,727	2,545,100	2,294,849	12,644,503	10,231,213			4.45	5.25	347,478	283,294	234,007	167,110	127,709	85,728	361,717	252,838
APR	6,757,494	4,093,577	5,845,358	4,262,094	2,852,305	2,347,511	15,455,157	10,703,182			11.54	5.83	373,397	289,827	264,107	177,650	122,188	88,608	386,295	266,258
MAY	3,626,826	4,097,642	3,843,381	4,268,519	2,524,599	2,371,456	9,994,805	10,737,617			2.16	5.80	250,607	287,686	135,407	177,497	61,324	88,327	196,732	265,823
JUN	2,980,579	4,030,886	3,672,237	4,190,307	2,344,138	2,372,724	8,996,954	10,593,917			6.33	5.38	243,004	282,114	122,083	173,135	56,549	86,095	178,633	259,230
JUL	2,801,533	4,005,861	3,524,180	4,178,995	2,156,853	2,378,362	8,482,566	10,563,218			4.96	5.48	235,195	278,253	123,666	172,514	57,481	85,420	181,147	257,934
AUG	2,543,084	4,008,255	3,412,349	4,206,604	2,089,966	2,387,879	8,045,399	10,602,738			2.49	5.11	215,549	278,726	115,834	173,550	45,499	85,541	161,332	259,091
SEP	2,632,836	3,956,122	3,031,840	4,142,732	2,080,034	2,379,832	7,744,711	10,478,685			0.85	4.73	212,612	274,097	99,850	169,647	44,860	82,598	144,711	252,245
OCT	2,803,333	3,854,882	3,279,412	4,046,802	2,106,451	2,363,120	8,189,197	10,264,804			4.75	4.49	237,990	269,699	115,573	163,063	50,898	78,164	166,471	241,227
NOV	2,771,191	3,650,962	3,308,043	3,890,182	2,097,455	2,324,541	8,176,690	9,865,685			4.42	4.29	224,215	260,059	114,846	152,134	54,752	71,979	169,598	224,113
DEC 07	3,377,628	3,621,944	4,425,452	3,918,987	2,195,110	2,307,733	9,998,190	9,848,664			4.25	4.42	264,274	261,534	178,432	152,081	124,700	75,951	303,132	228,032
JAN 08	3,535,044	3,527,905	4,207,010	3,892,517	2,240,516	2,288,240	9,982,570	9,708,662			5.34	4.37	268,210	258,799	170,736	149,822	93,994	75,290	264,730	225,112
FEB	4,799,070	3,653,670	4,945,125	4,031,530	2,424,951	2,304,790	12,169,146	9,989,991			6.27	4.82	330,075	266,884	232,866	158,951	127,157	80,593	360,024	239,543
MAR	4,796,678	3,618,775	4,693,041	4,015,619	2,523,996	2,303,031	12,013,715	9,937,425			5.92	4.94	306,070	263,433	217,619	157,585	112,151	79,296	329,770	236,881
APR	3,500,102	3,347,325	3,764,715	3,842,232	2,360,517	2,262,049	9,625,334	9,451,606			3.94	4.31	232,941	251,729	135,853	146,897	66,214	74,632	202,067	221,529
MAY	3,669,580	3,350,888	4,210,659	3,872,839	2,404,444	2,252,036	10,284,683	9,475,763			4.91	4.54	257,431	252,297	146,197	147,796	74,544	75,733	220,741	223,530
JUN	2,751,411	3,331,791	3,475,917	3,856,479	2,387,664	2,255,663	8,614,992	9,443,933			1.62	4.14	236,619	251,765	123,234	147,892	49,537	75,149	172,771	223,041
JUL	2,536,029	3,309,665	3,076,973	3,819,211	2,212,862	2,260,330	7,825,863	9,389,207			4.80	4.13	190,768	248,063	112,769	146,984	41,154	73,788	153,923	220,772
AUG	2,247,987	3,285,074	2,855,396	3,772,799	2,155,112	2,265,759	7,258,495	9,323,632			0.81	3.99	176,223	244,786	103,228	145,934	34,673	72,886	137,901	218,820
SEP	2,835,065	3,301,926	3,654,703	3,824,704	2,248,425	2,279,792	8,738,192	9,406,422			2.94	4.16	234,582	246,616	130,615	148,497	51,825	73,467	182,440	221,964
OCT	2,764,828	3,298,718	3,433,983	3,837,585	2,218,631	2,289,140	8,417,443	9,425,443			3.16	4.03	221,990	245,283	132,869	149,939	63,871	74,548	196,740	224,486

MONTH/ YEAR	PRINCETON	MOVING 12 MONTH AVERAGE	SOUTH BRUNSWICK TOWNSHIP	MOVING 12 MONTH AVERAGE	WEST WINDSOR TOWNSHIP	MOVING 12 MONTH AVERAGE	TOTAL FLOW	RIVER ROAD STP MOVING 12 MONTH AVERAGE	RR STP INF METER	RR INF METER MOVING 12 MONTH AVERAGE	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
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	32,532	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	3,322,832	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	156,483	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	8,961,807			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	181,226	121,531	93,647	356,605	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	8,910,609			5.89	3.55	205,097	231,570	123,882	135,049	63,934	74,342	187,816	209,391
NOV	2,728,030	2,980,541	3,502,325	3,604,204	2,049,278	2,109,253	8,279,632	8,693,998			0.72	3.25	215,325	225,494	136,224	131,692	80,347	71,823	216,571	203,515
DEC 12	3,203,453	2,879,484	4,310,866	3,586,226	2,056,216	2,056,423	9,570,535	8,522,133			6.53	3.41	263,972	221,344	157,928	128,101	115,345	71,478	273,273	199,579
JAN 13	3,343,101	2,816,078	4,167,412	3,574,380	2,186,368	2,038,533	9,696,881	8,428,991			3.17	3.52	280,220	221,237	160,818	126,142	90,337	70,040	251,155	196,182
FEB	3,673,970	2,871,240	4,576,002	3,657,403	2,227,508	2,043,898	10,477,480	8,572,541			2.30	3.58	287,608	227,464	174,504	129,420	102,402	73,151	276,906	202,571
MAR	3,678,383	2,939,380	4,526,718	3,718,520	2,289,352	2,057,026	10,494,452	8,714,925			2.56	3.67	294,522	233,682	176,725	133,771	102,328	75,433	279,054	209,204
APR	3,118,268	2,970,488	3,992,166	3,746,907	2,276,980	2,072,854	9,387,415	8,790,249			1.63	3.47	247,263	236,433	135,990	135,916	76,845	76,451	212,835	212,368
MAY	3,147,409	2,967,243	3,766,040	3,728,432	2,297,660	2,079,439	9,211,109	8,775,113			3.73	3.38	230,772	235,114	139,460	137,224	82,317	76,491	221,777	213,715
JUN	4,399,734	3,097,192	5,257,678	3,854,529	2,679,005	2,127,777	12,336,417	9,079,498			10.37	3.85	386,981	248,383	198,988	142,397	128,835	80,579	327,823	222,976
JUL	3,037,820	3,160,964	3,796,315	3,911,081	2,339,240	2,166,783	9,173,375	9,238,828			5.32	4.13	321,867	258,841	154,920	147,439	80,719	84,072	235,639	231,511
AUG	2,762,632	3,189,691	3,434,093	3,940,944	2,133,063	2,189,408	8,329,788	9,320,043			5.09	4.12	257,200	264,017	122,704	148,841	76,685	86,758	199,388	235,599
SEP	2,454,807	3,183,025	3,087,010	3,968,118	2,119,877	2,214,937	7,661,694	9,366,080			1.67	4.08	181,106	264,328	104,025	148,847	43,733	86,986	147,758	235,833
OCT	2,304,958	3,154,380	2,862,594	3,939,935	2,074,747	2,227,441	7,242,300	9,321,756			1.69	3.73	161,647	260,707	98,648	146,744	38,824	84,893	137,472	233,007
NOV	2,318,638	3,120,264	3,098,011	3,906,242	1,986,721	2,222,228	7,403,370	9,248,735			3.93	4.00	174,684	257,320	108,853	144,464	50,715	82,424	159,569	226,887
DEC 13	2,996,989	3,103,059	4,465,665	3,919,142	2,142,513	2,229,419	9,605,166	9,251,621			3.65	3.76	260,232	257,008	149,679	143,776	113,585	82,277	263,264	226,053
JAN'14	3,602,314	3,124,660	4,820,461	3,973,563	2,292,606	2,238,273	10,715,381	9,336,496			2.01	3.66	284,437	257,360	173,669	144,847	98,369	82,946	272,038	227,793

MONTH/ YEAR	PRINCETON	MOVING 12 MONTH AVERAGE	SOUTH BRUNSWICK TOWNSHIP	MOVING 12 MONTH AVERAGE	WEST WINDSOR TOWNSHIP	MOVING 12 MONTH AVERAGE	TOTAL FLOW	RIVER ROAD STP MOVING 12 MONTH AVERAGE	RR STP INF METER	RR INF METER MOVING 12 MONTH AVERAGE	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
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	368,359	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	74,236	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	3,118,846	2,546,632	3,734,650	1,945,020	2,185,639	6,722,652	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	8,955,337			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	2.78	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	8,989,750			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	218,676
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	7,092,569	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	74,304	305,793	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	67,601	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	8,970,002	**9,089,071**	**9,357,455**	4.60	3.57	187,170	241,107	107,600	137,719	52,705	79,030	160,305	216,749
SEP	2,519,955	2,948,881	3,191,568	3,997,152	1,881,683	2,074,062	7,593,205	9,020,094	**8,471,762**	**9,480,761**	1.74	3.47	192,273	242,040	106,402	136,988	51,302	80,126	157,704	217,114
OCT	2,448,822	2,974,260	3,076,267	4,003,167	1,899,499	2,070,335	7,424,587	9,047,762	**8,266,626**	**9,578,599**	5.05	3.58	203,687	243,237	118,470	138,391	51,958	81,022	170,428	219,413
NOV	2,556,287	3,004,355	3,425,179	4,031,175	2,058,967	2,062,548	8,040,432	9,098,079	**8,374,245**	**9,656,733**	1.57	3.42	210,121	243,327	132,964	138,438	74,792	83,284	207,756	221,722
DEC 17	2,419,747	2,975,712	3,282,390	3,992,283	2,174,843	2,076,403	7,876,980	9,044,398	**8,341,277**	**9,649,373**	1.92	3.35	199,589	238,827	129,672	137,880	72,200	79,451	201,872	217,331
JAN 18	2,951,706	2,927,904	3,686,232	3,900,064	2,201,331	2,086,183	8,839,269	8,914,151	**9,275,477**	**9,519,604**	2.53	3.16	255,035	235,767	184,650	139,280	98,568	76,170	283,218	215,450
Feb-18	5,188,835	3,116,003	5,305,679	4,011,984	2,528,493	2,127,372	13,023,007	9,255,360	**13,801,485**	**9,876,065**	6.55	3.56	422,802	252,533	236,490	147,503	182,366	84,566	418,856	232,069
MAR	5,644,414	3,292,702	5,614,440	4,095,785	2,633,702	2,171,845	13,892,556	9,560,332	**14,868,811**	**10,227,538**	4.99	3.69	399,126	262,793	241,035	154,054	155,164	88,314	396,199	242,368
APR	4,031,951	3,253,329	4,263,391	4,030,791	2,489,062	2,194,628	10,784,404	9,478,748	**11,595,046**	**10,128,579**	4.12	3.81	286,759	260,815	187,158	154,111	92,936	87,055	280,094	241,166
MAY	4,419,433	3,313,496	4,471,884	3,996,994	3,020,663	2,246,954	11,911,979	9,557,445	**12,485,588**	**10,221,225**	6.49	4.00	364,827	263,358	202,857	157,522	104,261	87,696	307,118	245,218
JUN	3,305,589	3,355,417	3,750,542	3,962,407	2,875,298	2,307,495	9,931,429	9,625,319	**10,208,472**	**10,280,692**	3.94	3.99	296,215	267,927	175,308	161,194	66,276	87,424	241,584	248,618
JUL	2,808,545	3,392,884	3,235,082	3,937,427	2,824,545	2,375,589	8,868,172	9,705,901	**9,071,169**	**10,320,752**	6.44	4.16	294,132	275,978	136,919	163,294	51,585	87,843	188,504	251,136
AUG	2,482,436	3,398,143	3,036,765	3,861,618	2,515,142	2,425,269	8,034,343	9,685,030	**8,196,427**	**10,246,365**	4.37	4.14	247,873	281,037	141,553	166,123	49,122	87,544	190,675	253,667
SEP	3,119,347	3,448,093	3,885,577	3,919,452	2,492,555	2,476,175	9,497,480	9,843,720	**9,874,543**	**10,363,264**	7.49	4.62	302,904	290,256	185,091	172,681	92,249	90,956	277,340	263,637
OCT	3,049,574	3,498,155	3,525,943	3,956,925	2,529,306	2,528,659	9,104,823	9,983,739	**9,335,490**	**10,452,336**	3.46	4.49	272,206	295,966	160,507	176,184	78,710	93,186	239,217	269,369
NOV	5,447,104	3,739,057	5,341,479	4,116,617	3,015,396	2,608,361	13,803,979	10,464,035	**14,288,369**	**10,945,180**	8.69	5.08	472,196	317,805	282,156	188,616	190,663	102,841	472,819	291,458
DEC 18	4,893,491	3,945,202	4,890,080	4,250,591	2,899,168	2,668,722	12,682,739	10,864,515	**13,278,220**	**11,356,591**	5.43	5.38	407,596	335,139	258,604	199,361	134,997	108,075	393,601	307,435
JAN 19	4,993,294	4,115,334	4,760,661	4,340,127	3,075,901	2,741,603	12,829,856	11,197,064	**12,825,078**	**11,652,391**	4.07	5.50	403,723	347,530	243,163	204,237	130,897	110,769	374,060	315,005
FEB	4,412,084	4,050,605	4,590,701	4,280,545	2,789,576	2,763,360	11,792,361	11,094,510	**11,960,090**	**11,498,942**	2.83	5.19	350,483	341,503	213,542	202,324	124,369	105,936	337,911	308,260
MAR	4,474,070	3,953,076	4,747,625	4,208,311	2,766,668	2,774,440	11,988,363	10,935,827	**12,287,679**	**11,283,848**	**3.98**	5.11	348,659	337,298	228,203	201,255	131,156	103,935	359,358	305,190
APR	3,536,537	3,911,792	4,207,834	4,203,681	2,548,291	2,779,376	10,292,662	10,894,849	**10,395,062**	**11,183,849**	4.60	5.15	269,772	335,882	179,268	200,598	91,956	103,853	271,224	304,451

Revision: August 2017 to March 2019 rainfall data updated. Updated monthly rainfall values are for Mercer County as tabulated by the Office of NJ State Climatologist (ONJSC) at Rutgers University (Red text, new update bolded red text).

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: May 14, 2019

SUBJECT: Monthly Flow Transmittal for the Month of April 2019

The monthly meter verifications were performed by staff on May 1, 2019. Meter Station No. 7 meter required adjustment. All other meters were within ±5%.

Meter Station No. 7:
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 in Meter Station 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 29th and 30th were adjusted up by 4.14%, the average measured drift in the calibration between the April 29th recalibration and the May 1st, 2019 meter verification.

STONY BROOK REGIONAL SEWERAGE AUTHORITY

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

MEMORANDUM

TO: Distribution

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

DATE: May 14, 2019

Enclosed please find the flow transmittal for the month of April 2019.

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 **April** **2019 Downstream Flow Report**

Date		Rainfall	Princeton PS	Meter Station #6	North Ridge Meter	Meter Station #7	Millstone PS	South Brunswick PS	**Total**	PFC*
April	1		1,865,959	1,283,359	187,160	601,229	2,425,075	3,127,117	9,489,899	553,057
	2		1,754,869	1,187,448	170,339	591,188	2,382,186	3,034,720	9,120,750	547,424
	3		1,738,158	1,155,125	164,256	612,550	2,386,805	3,028,297	9,085,191	556,423
	4		1,681,277	1,113,613	161,304	609,865	2,380,678	2,938,337	8,885,074	554,092
	5	0.17	1,653,788	1,097,881	155,022	575,015	2,332,035	2,928,384	8,742,125	523,355
	6	0.01	1,612,975	1,090,222	153,852	648,480	2,279,982	3,127,811	8,913,322	458,786
	7		1,585,580	1,088,507	152,167	654,736	2,293,669	2,999,525	8,774,184	443,598
	8	0.27	1,657,102	1,109,937	158,108	624,929	2,457,938	3,105,573	9,113,587	569,791
	9	0.12	1,653,985	1,084,823	151,450	599,829	2,401,762	3,030,090	8,921,939	562,283
	10	0.01	1,593,020	1,046,549	151,042	599,039	2,380,460	3,004,061	8,774,171	560,765
	11		1,570,531	1,003,882	150,376	579,050	2,374,089	2,818,215	8,496,143	577,458
	12	0.54	1,586,010	988,891	140,347	587,991	2,324,251	2,838,718	8,466,208	541,012
	13	0.04	1,704,783	1,185,944	161,512	668,434	2,317,940	3,543,505	9,582,118	460,373
	14	0.01	1,623,942	1,125,317	163,329	651,951	2,361,219	3,370,696	9,296,454	453,284
	15	0.89	2,245,306	1,184,330	231,294	673,392	2,784,775	5,300,427	12,419,524	632,122
	16		2,156,206	1,598,234	208,558	634,064	2,457,383	4,490,520	11,544,965	556,620
	17		2,029,975	1,462,237	192,660	624,231	2,409,630	3,838,865	10,557,598	554,178
	18		1,971,465	1,351,439	177,793	615,191	2,408,217	3,600,843	10,124,948	565,261
	19	0.29	1,960,516	1,293,505	178,094	680,714	2,358,373	3,485,095	9,956,297	530,106
	20	0.92	2,865,580	2,469,094	301,932	796,699	2,819,943	6,235,060	15,488,308	544,194
	21		2,603,348	2,108,665	277,429	655,469	2,820,592	5,077,839	13,543,342	417,232
	22	0.04	2,460,899	1,820,379	232,148	622,784	2,772,197	4,263,811	12,172,218	526,858
	23		2,291,310	1,661,845	205,319	643,712	2,454,484	3,884,324	11,140,994	516,917
	24	0.03	2,187,224	1,531,744	191,568	655,322	2,346,614	3,601,367	10,513,839	541,931
	25	0.01	2,012,308	1,420,143	182,231	638,081	2,351,789	3,144,797	9,749,349	560,883
	26	1.22	2,220,351	1,662,149	199,721	649,823	2,522,131	4,139,131	11,393,306	595,880
	27		2,391,944	1,881,886	237,926	713,346	2,393,548	4,964,547	12,583,197	466,892
	28		2,185,513	1,630,167	213,655	652,365	2,377,903	4,115,141	11,174,744	463,715
	29	0.02	2,062,427	1,491,709	196,180	**659,101**	2,460,047	3,677,312	10,546,776	554,517
	30	0.04	1,993,885	1,417,638	182,432	**613,546**	2,453,849	3,547,933	10,209,283	583,946
AVERAGE Flow (in gpd)			1,964,008	1,384,889	187,640	637,738	2,442,985	3,675,402	10,292,662	532,432
TOTAL Rainfall (inches)		4.60								
ADJUSTMENTS this month		(gallons)				**50,593**				

TOTAL MONTHLY FLOW: (gallons)

Adjusted Metered Flow:

Princeton PS	58,920,236
Meter Station #6	41,546,662
North Ridge Meter	5,629,204
Meter Station #7	19,132,126
Millstone PS	73,289,564
S. Brunswick PS	110,262,061

Princeton Forrestal Connector Flow *: 15,972,953

* PFC flow is Plainsboro flow that is metered before it enters the Millstone PS: This number is subtracted from the Millstone PS flow and added to the S. Brunswick PS flow to give the total monthly flow adjusted for Plainsboro. Plainsboro also has additional flow that is not included in the PFC Connector flow because it flows through the S.Brunswick PS.

Total Monthly Flow adjusted for Plainsboro:

Princeton PS	58,920,236
Meter Station #6	41,546,662
North Ridge Meter	5,629,204
Meter Station #7	19,132,126
Millstone PS	57,316,611
S. Brunswick PS	126,235,014

SBRSA **April** **2019 Upstream Flow Report**

Date		Rainfall (inches) Pennington	Rainfall (inches) Hopewell	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)*
April	1	0.10	0.10	218,232	223,715	59,333	164,382	0
	2			211,481	205,791	54,540	151,251	0
	3			203,602	199,089	51,248	147,841	0
	4			190,372	195,641	47,580	148,061	0
	5			185,823	196,257	47,768	148,489	3,278
	6	0.25	0.30	197,169	216,029	57,744	158,285	0
	7			198,434	212,091	58,907	153,184	0
	8	0.20		213,461	213,812	58,677	155,135	0
	9			229,996	205,562	58,515	147,047	0
	10	0.35	0.15	227,435	202,461	57,410	145,051	3,160
	11			224,916	192,120	54,531	137,589	4,456
	12			213,400	196,337	52,731	143,606	0
	13	0.75	0.70	254,107	257,165	82,038	175,127	0
	14			230,887	258,870	87,451	171,419	0
	15	1.05	0.85	347,755	398,281	168,394	229,887	0
	16	0.05		320,424	342,585	135,053	207,532	0
	17			287,369	289,821	104,618	185,203	0
	18			258,971	262,501	88,941	173,560	0
	19			252,128	258,424	84,778	173,646	1,226
	20	1.10	1.25	424,827	460,726	202,236	258,490	0
	21	0.20	0.15	348,749	393,320	160,266	233,054	0
	22			324,076	324,148	117,821	206,327	0
	23		0.05	300,808	280,529	95,078	185,451	0
	24			287,243	259,038	84,821	174,217	4,243
	25			260,545	243,855	79,140	164,715	7,795
	26	0.25	0.20	347,146	305,705	105,425	200,280	9,833
	27	1.10	0.95	404,638	446,185	193,704	252,481	9,410
	28			335,640	350,196	131,320	218,876	0
	29			305,885	282,692	94,655	188,037	116
	30			287,629	263,761	83,955	179,806	0
AVERAGE Flow				269,772	271,224	91,956	179,268	1,451
TOTAL Rainfall		5.40	4.70					
ADJUSTMENTS this month (gallons)								
		* Daily flow totals supplied by Bristol-Meyers Squibb flow meter						
Total Monthly Flow (gallons)				8,093,148	8,136,707	2,758,678	5,378,029	43,517

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								674,820,965
Princeton Pump Station	80,210,595	81,673,866	65,580,899	72,089,074	58,920,236								
Meter Station # 6	64,705,718	65,362,265	51,552,269	59,506,285	41,546,662								
North Ridge Meter	6,781,913	7,755,978	6,405,184	7,100,818	5,629,204								
Total Gallons recorded	151,124,470	154,792,109	123,734,404	138,952,199	106,096,102								
Metering Adjustments	573,756	0	(196,052)	(256,022)	0								
Percent of Monthly Flow	36.66%	37.05%	35.71%	35.61%	32.92%								
Percent of Annual Flow	36.66%	36.86%	36.52%	36.29%	35.72%								35.72%
West Windsor * adjusted gallons	89,874,205	95,352,928	78,108,120	85,766,706	76,448,737								425,550,696
Millstone Pump Station	83,814,025	89,736,713	74,204,878	81,300,736	73,289,564								
Meter Station # 7	21,342,072	21,535,224	18,378,072	21,100,531	19,132,126								
Princeton Forrestal Connector	15,281,892	15,919,009	14,474,830	16,634,561	15,972,953								
Total Gallons recorded	87,562,010	94,660,525	80,743,523	85,749,194	76,398,144								
Metering Adjustments	2,312,195	692,403	(2,635,403)	17,512	50,593								
Percent of Monthly Flow	21.72%	22.82%	22.58%	22.02%	23.72%								
Percent of Annual Flow	21.72%	22.27%	22.36%	22.28%	22.52%								22.52%
South Brunswick * adjusted gallons	151,592,474	147,580,491	128,539,628	147,176,373	126,235,014								701,123,980
South Brunswick Pump Station	136,310,582	131,661,482	114,064,798	130,541,812	110,262,061								
Princeton Forrestal Connector	15,281,892	15,919,009	14,474,830	16,634,561	15,972,953								
Total Gallons recorded	153,904,669	147,580,491	128,539,628	147,176,373	126,235,014								
Metering Adjustments	(2,312,195)	0	0	0	0								
Percent of Monthly Flow	36.63%	35.33%	37.15%	37.78%	39.17%								
Percent of Annual Flow	36.63%	35.98%	36.32%	36.68%	37.11%								37.11%
Hopewell Borough ** adjusted gallons	8,016,725	7,538,062	5,979,176	7,074,283	5,378,029								33,986,275
Hopewell Plant Influent	12,201,633	11,595,854	9,461,495	11,140,110	8,136,707								
Princeton Farms	4,184,908	4,057,792	3,482,319	4,065,827	2,758,678								
Total Gallons recorded	8,249,256	7,538,062	5,979,176	7,074,283	5,378,029								
Metering Adjustments	(232,531)	0	0	0	0								
Percent of Monthly Flow	1.94%	1.80%	1.73%	1.82%	1.67%								
Percent of Annual Flow	1.94%	1.87%	1.83%	1.83%	1.80%								1.80%
Pennington Borough adjusted gallons	12,635,488	12,515,404	9,813,512	10,808,423	8,093,148								53,865,975
Total Gallons recorded	12,635,488	12,515,404	10,220,118	10,808,423	8,093,148								
Metering Adjustments	0	0	(406,606)	0	0								
Percent of Monthly Flow	3.05%	3.00%	2.84%	2.77%	2.51%								
Percent of Annual Flow	3.05%	3.02%	2.97%	2.92%	2.85%								2.85%
TOTAL FLOW adjusted gallons	413,817,118	417,778,994	345,978,788	389,521,961	322,251,030								1,889,347,891

* Adjusted for Plainsboro Township contribution. Flow through the Princeton Forrestal 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								4,461,895
West Windsor	2,899,168	3,075,901	2,789,576	2,766,668	2,548,291								2,815,921
South Brunswick	4,890,080	4,760,661	4,590,701	4,747,625	4,207,834								4,639,380
Hopewell Borough	258,604	243,163	213,542	228,203	179,268								224,556
Pennington Borough	407,596	403,723	350,483	348,659	269,772								356,046
Princeton Farms	134,997	130,897	124,369	131,156	91,956								122,675

													Total Rainfall (FY'19)
Total Rainfall (inches)*	**5.43**	**4.07**	**2.83**	**3.98**	4.60								20.91

*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 REQUSTED

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
May 2019

A. TWA Applications

None received

B. Time Extensions

The Maplewood at Princeton, a Maplewood Senior Living (MSL) project on the Princeton Healthcare Campus in Plainsboro Township has requested a TWA one-year time extension. The request letter is appended to this report.

The Treatment Works was originally approved by the Stony Brook Regional Sewerage Authority (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 expires 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, until March 23, 2020 (slightly less than one year). MSL intends to begin sitework and foundations on or about June 1, 2019.

South Brunswick Township has no objection to the approval of a 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.

Action Item: *Resolution 2019-30 Authorizing Time Extension of Treatment Works Approval for Maplewood at Princeton on the Princeton Healthcare Campus, Block 1701, Lot 4.05, Plainsboro Township.*

C. Water Quality Management Plan Amendments/Information

Nothing to report

D. Capacity Assurance

A Capacity Assurance Program WQM-007 Form for the Hopewell Wastewater Treatment Plant for first quarter of 2019 (January 1, 2019 through March 31, 2018) was submitted to NJDEP April 26, 2019. A copy of this submittal is appended to this report.

In accordance with N.J.A.C. 7:14A-22.16(a), since the Hopewell Wastewater Treatment Plant has exceeded 95 percent of its permitted flow determined by the 12-consecutive month average, we are also required to submit a Capacity Analysis Report (CAR). Staff is in the process of preparing the CAR.

E. Allocated Flow Update

None.

MAPLEWOOD
senior living

Mrs. Antonia F. Shurott-Pchola, P.E.
Executive Director
Stony Brook Regional Sewage Authority
290 River Road
Princeton, New Jersey, 08540

Dear Mrs. Shurott-Pchola,

Re: Maplewood at Princeton, Block 1701, Lot 4.05, Plainsboro Township

Maplewood Senior Living (MSL), in accordance with the SBRSA Treatment Works Approval Resolution, is hereby requesting a one-year extension of the 10,500 gpd sewer allocation previously granted on March 23, 2015. MSL acknowledges that no extension will be granted past March 23, 2020, which is five years from the date of the original SBRSA approval.

Please forward the applicable fee schedules should any fee be required to secure a one-year extension, and any other applicable requirements.

Sincerely,

3/13/19

Mark Weinberger
Corporate Director of Real Estate

Maplewood Senior Living
One Gorham Island
Westport, Connecticut 06880

Phone: 203.557.4777
Fax: 203.557.4783
www.maplewoodseniorliving.com

MAPLEWOOD
senior living

Antonia Pchola. P.E.

Executive Director

Stony Brook Regional Sewage Authority

290 River Road

Princeton, NJ 08540

Maplewood Senior Living is hereby providing additional details related to its recent request for time extension for the sewer allocation of Maplewood at Princeton, Block 1701, Lot 4.05, in Plainsboro Township. The additional details are hereby provided in accordance with TWA-1 Sewer Extension Applications and are as such:

1) An extension request notice was submitted to the SBRSA prior to the sixty-day deadline.
2) Additional information as required:
    a. Approval from South Brunswick is attached hereto.
    b. Project Details
        i. The project consists of a to-be-constructed 105-unit 98,000 SF Assisted Living Facility at One Hospital Drive, Plainsboro, New Jersey.
        ii. There have been no major changes to the design since the most recent renewal application.
        iii. MSL has taken the following steps to proceed with construction:
            1. Installed 90% of the site utility infrastructure required to proceed with development.
            2. Obtained design and construction approval from NJ DCA.
            3. Negotiating the final development budget with its capital partner and general contractor.
        iv. To date, MSL has spent over $5 million for various aspects of design, state and municipal approvals, land purchase and infrastructure work. A denial of this extension would result in MSL needing to seek additional renewals and approvals from the state and township. Fee's associated with these approvals, as well as the risk of losing competitive pricing for construction, will have severe negative consequences for MSL and may put the project at risk.
        v. MSL intends to begin sitework and foundations on or about June 1, 2019.
    c. DCA Approval notice attached hereto.

Sincerely,

4/26/19

Mark Weinberger- Corporate Director of Real Estate

Maplewood Senior Living
One Gorham Island
Westport, Connecticut 06880

Phone: 203.557.4777
Fax: 203.557.4783
www.maplewoodseniorliving.com

TOWNSHIP OF SOUTH BRUNSWICK

Municipal Building • P.O. Box 190 • Monmouth Junction, NJ 08852-0190

Phone
732-329-4000
Fax
732-329-3061

Delivered Via Email

Maplewood Senior Living
One Gorham Island
Westport, Connecticut 06880

April 26, 2019

Attention: Nick Gullusci

Subject: TWA Extension – Permit #15-0141
Maplewood Senior Living
Block 1701, Lot 4.05
Plainsboro, NJ

Dear Mr. Gullusci:

I have received an undated copy of your letter to Stony Brook Regional Sewer Authority, requesting a one year extension on the Treatment Works Approval (TWA) permit for the above referenced project in Plainsboro Township.

Please be advised that South Brunswick Township has no objection to the approval of a one year extension on the Treatment Works Approval permit for this project to extend from May 2019 until May of 2020.

Please contact my office if you have any questions or require any additional information.

Sincerely,

Scott R Cevera

Scott Cevera
Utility Supervisor

Cc: Antonia F. Shurott – Pchola, Executive Director, Stony Brook Regional Sewer Authority
Wayne Simpson, P.E., Alaimo Group
Brian K. Miller, Director of Code Enforcement, Plainsboro Township
File

Nick Gullusci

From: Nick Gullusci
Sent: Tuesday, April 23, 2019 9:09 AM
To: 'scevera@sbtnj.net'
Subject: FW: test
Attachments: SBRSA EXTENSION FOLLOW UP .docx

From: Nick Gullusci
Sent: Monday, April 22, 2019 1:20 PM
To: Cevera, Scott <scevera@sbtnj.net>
Cc: 'Peter L. Clarke' <pclarke@hillmannconsulting.com>; Mark Weinberger (mweinberger@maplewoodsl.com) <mweinberger@maplewoodsl.com>
Subject: RE: test

Scott,

Attached is our letter to SBRSA and below is what I sent over last week. Let me know if you need anything else.

Thank you

Thank you for your time this afternoon. As discussed, Maplewood is requesting a one-year extension, from May 2019 to May 2020, of the Treatment Works Approval Permit # 15-0141 for Block 1701, Lot 4.05 in Plainsboro Township. Maplewood intends to break ground on the project on or about June 1st. 2019. Please let me know if you require any additional information prior to rendering your opinion.

From: Cevera, Scott <scevera@sbtnj.net>
Sent: Monday, April 22, 2019 1:15 PM
To: Nick Gullusci <ngullusci@maplewoodsl.com>
Subject: test

Scott R. Cevera
Sewer Dept. Supervisor
South Brunswick Twp. Utilities
P.O Box 190
Mon. Jct. NJ 08852
Email: scevera@sbtnj.net
Ph. 732-329-4000 Ext 7270
Fax 732-329-3061

State of New Jersey
DEPARTMENT OF COMMUNITY AFFAIRS
101 SOUTH BROAD STREET
PO Box 817
TRENTON, NJ 08625-0817

PHILIP D. MURPHY
Governor

LT. GOVERNOR SHEILA Y. OLIVER
Commissioner

August 22, 2018

Moseley Architects
8001 Braddock Road
Springfield, VA 22151
sruiz@moseleyarchitectscom

Re:Maplewood Princeton, Plainsboro
DCA# 5252-15
Amendment to Release

Dear Steven Ruiz:

The documents, which display the Department of Community Affairs approval of **August 22, 2018,** are approved as amendments to the above referenced project.

These amendments shall be a matter of record and shall be affixed to those documents previously released.

Sincerely,

Anthony Menafro

Construction Official
Health Care Plan Review

AM/SK/RB/RM/cm
C: FILE

State of New Jersey
DEPARTMENT OF COMMUNITY AFFAIRS
101 SOUTH BROAD STREET
PO BOX 817
TRENTON, NJ 08625-0817

CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lt. Governor

RICHARD E. CONSTABLE, III
Commissioner

RECEIVED
APR 22 2016
BY: .....

April 06, 2016

Mr. Stephen Ruiz
Moseley Architects
8001 Braddock Road
Suite #400
Springfield, VA 22151

RE: Maplewood Princeton
Hospital Drive
Plainsboro, New Jersey
DCA Ref # 5252-15
Final Release

Dear Mr. Riuz:

The Construction documents, which display the Department of Community Affairs, Health Care Plan Review, Final Release labels of **April 06, 2016,** released for the above referenced project.

Therefore, you have the authorization of this office to apply for a construction permit. The construction documents are released with the understanding that all comments relative to codes have been met and that the documents are in compliance with NJAC 5:23- 2.15(f) 4 VI. Shop-drawings for fire protection systems, as defined in IBC/NJ-2009, which are indicated in this construction document package, shall be submitted to this office for review and release prior to installation.

At the completion of the project and prior to occupying the area or areas, a copy of the Certificate of Occupancy, Continued Occupancy or Release shall be forwarded to the undersigned and a request for an inspection shall be made to New Jersey Department of Health & Senior Services, Assessment and Survey Program @ (609) 292-8773.

Sincerely,

John Paluchowski

John Paluchowski, Supervisor
Construction Plans Approval
Health Care Plan Review

JP/SK FILE

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
Date: May 20, 2019

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.

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 May 20, 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

April 26, 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
Quarterly Report

Dear Ms. Shevlin:

Enclosed is the First quarter of 2019 (January 1, 2019 through March 31, 2018) Capacity Assurance Program WQM-007 Form for the Hopewell Sewage Treatment Plant. The current 12-month average daily flow for the Hopewell Sewage Treatment Plant is 0.2997 MGD (99.9% of design capacity).

A process evaluation and planning study for the Hopewell STP is currently in progress.

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

290 RIVER ROAD, PRINCETON, NEW JERSEY 08540 (609) 924-8881 FAX (609) 924-2857 WWW.SBRSA.ORG

FORM WQM-007
revised April 2017

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER QUALITY
MUNICIPAL FINANCE AND CONSTRUCTION ELEMENT
BUREAU OF ENVIRONMENTAL, ENGINEERING AND PERMITTING

WASTEWATER FLOW SUMMARIZATION QUARTERLY REPORT

Period from 1/1/2019 to 3/31/2019

Name of Permittee: Stony Brook Regional Sewerage Authority

Sewage Treatment Plant: Hopewell Sewage Treatment Plant

NJPDES Discharge Permit Number: NJPDES NJ 0035301

Certification by Owner: _____ (Signature and Date)

NJDEP-ISSUED TREATMENT WORKS APPROVAL ('TWA') PERMITS NOT YET IN OPERATION
(Anticipated Flow Only)

Permit No.	Project Name	Date Issued	Permit Flow Allocation
17-0168	Second Street Sew. Ext.	05/18/17	300 gpd

(A) Permitted Capacity*	0.3000 MGD
(B) Present 12-month Average Flow	0.2997 MGD
(C) Total Anticipated Flow	0.0003 MGD
(D) Total Flow [(B) + (C)]	**0.3000** MGD
(E) Remaining Capacity [(A) - (D)]	**0.0000** MGD

(F) Status of Improvements (from Department Approved CAR, if applicable)
(i) In compliance with approved schedule? ☐-Y ☐-N If No, please explain and provide updated schedule.

(ii) Percent completion? _____

*Permitted Capacity means the average daily volume of wastewater, which a domestic treatment works was designed to treat in accordance with a TWA permit or the maximum permissible volume of flow to a domestic treatment works as established by a NJPDES permit, which permit or approval establishes the more stringent flow value.

STONY BROOK REGIONAL SEWERAGE AUTHORITY

Regulatory Report

REGULATORY REPORT

May 2019

A. Discharge Monitoring Report (DMR)

The Discharge Monitoring Reports for the month of March were submitted with no violations reported.

The April 2019 DMRs are currently being reviewed.

B. Residual Discharge Monitoring Reports (RDMR)

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

The March 2019 RDMRs are currently being reviewed.

C. Air Reporting

The 1th quarter 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 metals concentration limits, nor the 12- month rolling lead or mercury emission limits.

The 1st quarter 2019 Excess Emissions and Monitoring Report was submitted to NJDEP. Incinerator #1 operating with the Afterburner (AB) (OS1) had 1.0 hour and Incinerator #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 ppmdv when corrected to 7% Oxygen.

The requested data to complete 2018 Emission Statement was forwarded to KEMS on March 21, 2019. KEMS, LLC continues its calculations for the 2018 Annual Emissions Statement.

No affirmative defenses were submitted to NJDEP in this reporting period.

D. Laboratory

The laboratory has achieved acceptable results for all parameters in the NJDEP 2019 Proficiency Testing (PT) study from ERA (PT provider). The certificates are attached. The NJDEP Office of Quality Assurance (OQA) needs to validate the results.

CERTIFICATE OF EXCELLENCE

In recognition of the quality of your laboratory in proficiency testing for

WP-290

Stony Brook Regional Sewerage Authority

is issued this certificate of achievement by ERA. This laboratory has been recognized as a Laboratory of Excellence for achieving 100% acceptable data in this study which included 981 participating laboratories. This achievement is a demonstration of the superior quality of the laboratory in evaluation of the standards listed below.

Complex Nutrients	Demand
Hardness	Minerals
pH	Simple Nutrients
Total Residual Chlorine	Volatile Solids
WasteWatR™ Coliform MicrobE™	

Matthew Seebeck
Quality Officer

S634701

CERTIFICATE OF EXCELLENCE

In recognition of the quality of your laboratory in proficiency testing for

WP-290

SBRSA-Pennington

is issued this certificate of achievement by ERA. This laboratory has been recognized as a Laboratory of Excellence for achieving 100% acceptable data in this study which included 981 participating laboratories. This achievement is a demonstration of the superior quality of the laboratory in evaluation of the standards listed below.

pH

Total Residual Chlorine

Matthew Seebeck
Quality Officer

S232171

CERTIFICATE OF EXCELLENCE

In recognition of the quality of your laboratory in proficiency testing for

WP-290

SBRSA-Hopewell

is issued this certificate of achievement by ERA. This laboratory has been recognized as a Laboratory of Excellence for achieving 100% acceptable data in this study which included 981 participating laboratories. This achievement is a demonstration of the superior quality of the laboratory in evaluation of the standards listed below.

pH

Total Residual Chlorine

Matthew Seebeck
Quality Officer

ERA

S235285

STONY BROOK REGIONAL SEWERAGE AUTHORITY

Safety

SAFETY REPORT

May 2019

There were zero “Lost time” and “No Lost Time” Accidents/injuries this period. As of May 14, 2019, Stony Brook Regional Sewerage Authority has gone **1040** 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.

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. They are displayed on the conference room wall.

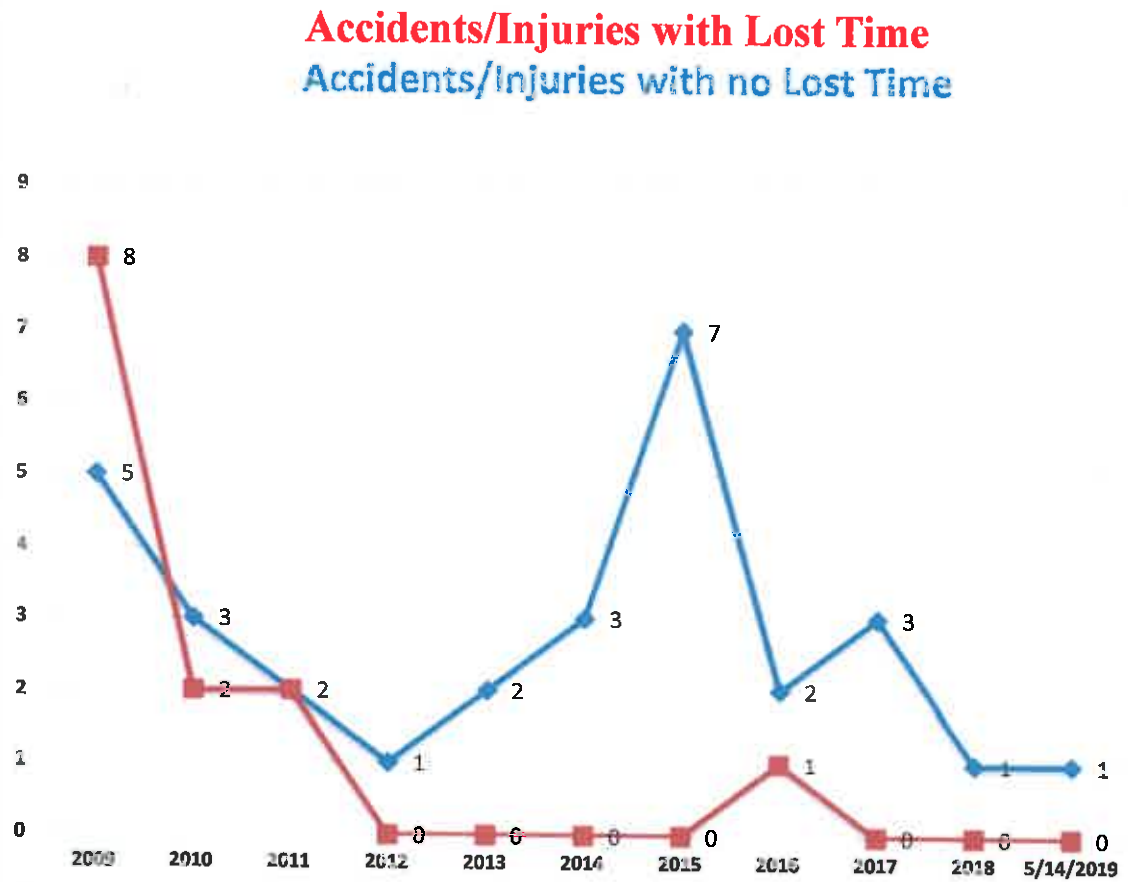
Staff is currently soliciting requests for quotations to repair five catch basins and pavement patch work at the River Road Facility that are crumbling and present a safety hazard.

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.

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.

Training for this reporting period:

- Workplace Safety 101 was provided in-house for our newest employee on April 30, 2019


Accidents/Injuries with Lost Time
Accidents/Injuries with no Lost Time
9
8
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6
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2017
2018
5/14/2019

STONY BROOK REGIONAL SEWERAGE AUTHORITY

Litigation

LITIGATION SUMMARY

May, 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: May 13, 2019

River Road Facility

The River Road Facility operated well during this reporting period.

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 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 under an emergency. The EFW System was put back into service and 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. Attached is the required Emergency Procurement Report and Resolution No. 2019-32 authorizing the emergency repair.

Action Item: *Resolution 2019-32 Authorizing the Emergency Procurement of Services for the Repair of the Leaking Effluent Flushing Water Line*

We received an e-mail from the South Brunswick Township Utilities Sewer Department Supervisor, Scott Cevera, regarding an incident that occurred in Monmouth Junction (the e-mail correspondence is included in the following pages of this report). After we were informed of this incident, we monitored the South Brunswick Pumping Station each shift for the following few days and found nothing unusual being removed from the incoming wastewater stream by our mechanical bar screens.

Incinerator #1 was inspected. We are awaiting the inspection report which is being prepared by Chavond-Barry.

All four Chlorine Contact Tanks and all four Re-aeration Tanks were dewatered, cleaned, and put back into service.

Upstream Facilities

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.

Odors

The 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. The full May number will be reported in June 2019. The odor complaints appear on the graph showing the number of odor complaints received each year from January 1996 through present day May 2019.

Customer Sludge and Gray Water for April 2019

	Budget Amount	Amount Received	Difference
Liquid sludge	**1,166,667 Gallons**	**945,700 Gallons**	**- 19 %**
Sludge cake	**2,114 Cubic Yards**	**2,864 Cubic Yards**	**+ 36 %**
Septage	**0 Gallons**	**0 Gallons**	**0**
Gray Water	**58,333 Gallons**	**40,000 Gallons**	**- 31 %**

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

N.J. Division of Local Government Services

EMERGENCY PROCUREMENT REPORT

1. Name of Public Agency:	Stony Brook Regional Sewerage Authority	County:	Mercer
2. Date Emergency occurred:	April 21, 2019	Time emergency occurred:	05:00
3. Date Emergency declared:	April 21, 2019	Time emergency declared:	07:30
4. Agency/department responsible for determining there was an emergency:	Stony Brook Regional Sewerage Authority		
5. Name and title of the official in charge of that agency:	Antonia Pchola, Executive Director		
6. Describe the condition or circumstance pertaining to the emergency (attach additional sheets if necessary): Repair of broken 4" Effluent Flushing Water Line located in the roadway between the Cake Receiving Building and the Disinfection Building. This line supplies water to various chemical feed systems, seal water to several pumps and plant hydrants.			
7. Name and title of the individual who determined the matter was an emergency and authorized award of contract(s):	Jerold W. Ireland, Assistant Plant Manager		
8. The total (or estimated) cost of providing the goods or performing services was:	$ 15,000.00		
9. List the names the contractors/suppliers receiving 25% or more of the contracts awarded under the emergency:	Joseph Jingoli & Son, Inc.		
10. When was the notification reduced to writing and filed with the purchasing agent?	April 22, 2019		
11. Has the public agency adopted a "chain of command" procedure pursuant to N.J.A.C.5:34-6.1?	Yes		
This report was completed by (name and title):	Jerold W. Ireland, Assistant Plant Manager		
Name and Address of agency contact person:	290 River Road, Princeton NJ 08540		
Signature:		Date:	4/22/2019

RESOLUTION AUTHORIZING THE EMERGENCY PROCUREMENT OF SERVICES FOR THE REPAIR OF THE LEAKING EFFLUENT FLUSHING WATER LINE

Resolution No. 2019-32
Date: May 20, 2019

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 $15,000 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.

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 May 20, 2019.

_____
Antonia Pchola
Secretary

_____
Date

jireland

From: apchola
Sent: Wednesday, April 24, 2019 1:54 PM
To: rkunert; jireland; Kyle KS. Stewart
Subject: FW: 34 Stouts Lane, Monmouth Junction RE: Sanitary Sewer Issue

Please see the email below – I spoke with Scott and he said that his crews are trying to help out – this could be an issue.

Antonia F. Shurott-Pchola, P.E.
Executive Director
Stony Brook Regional Sewerage Authority
290 River Road
Princeton, New Jersey 08540
Tel 609- 924-8881 x207
Email: apchola@sbrsa.org

From: Cevera, Scott <scevera@sbtnj.net>
Sent: Wednesday, April 24, 2019 1:22 PM
To: Chris Jaggie <cjaggie@cascade-env.com>; Mike Near <MNEAR@nch.com>
Cc: jeffk@ransomenv.com; Sears, Don <dsears@sbtnj.net>; Group Alaimo <wsimpson@alaimogroup.com>; David Brogan <dbrogan@cascade-env.com>; Julie Kormos <julie.kormos@nch.com>; John Bierschenk <jbierschenk@cascade-env.com>; Dennis Callahan <dcallahan@cascade-env.com>; Matthew Wright <mwright.2006@f-ts.com>; Casey Brooks <cbrooks.2006@f-ts.com>; Gregg Stevenson <gstevenson@mdvpinc.com>; Monmouth Distribution List <monmouth@Cascade-env.com>; apchola <apchola@sbrsa.org>
Subject: RE: 34 Stouts Lane, Monmouth Junction RE: Sanitary Sewer Issue

Chris – I wanted to let you know that aside from the easement access issues, today's sewer work is not going well. I am told that when your contractor attempted to remove the two 300+ foot cables which were put in the sanitary sewer line for the soil remediation project, the cables snapped, releasing all of the solids and grease which was attached to it down the sewer line. My entire collection crew is on site assisting with trying to track and remove all of the debris before it is conveyed to Stoney Brook Regional Sewer Authority's downstream pump station. If the cables and debris are not removed, they will likely cause a blockage or damage to Stoney Brook's downstream pump station. Please be advised that any environmental damage or damage to Stoney Brook's or South Brunswick Township's facilities will be the responsibility of NCH Corp. All South Brunswick staff's time and materials spent assisting will be charged to the project escrow account.

I have also copied Toni Pchola, who is the Executive Director of Stoney Brook Regional Sewerage Authority to make her aware of the situation.

Scott

Scott R. Cevera
Sewer Dept. Supervisor
South Brunswick Twp. Utilities
P.O Box 190
Mon. Jct. NJ 08852
Email: scevera@sbtnj.net

jireland

From: Cevera, Scott <scevera@sbtnj.net>
Sent: Friday, April 26, 2019 7:36 AM
To: jireland
Subject: RE: Sewer Issue

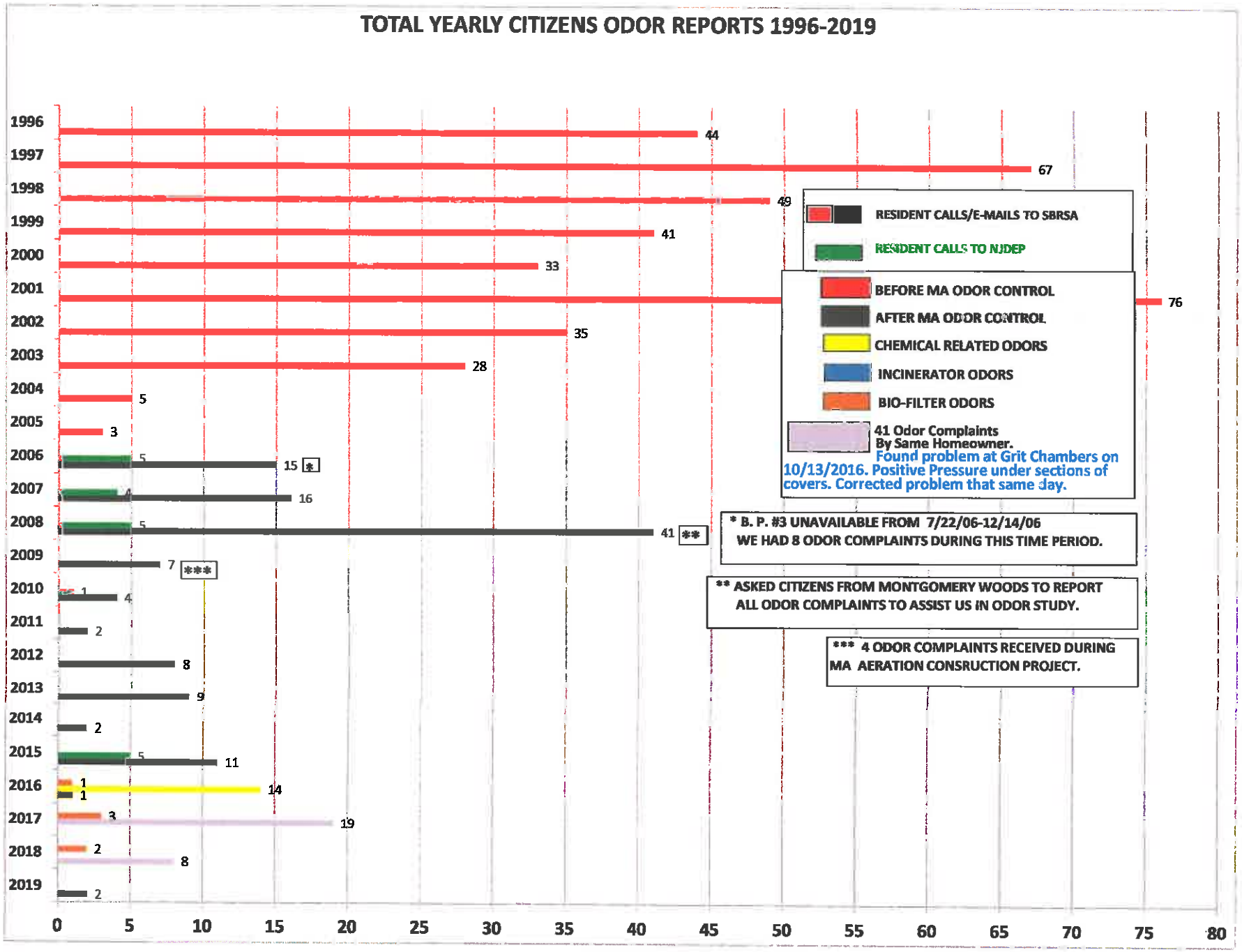
Good Morning Jerry – Yes, we were able to get the wire out of the line and a good deal of debris, however I am going to tell the contractor to come back to clean and televise the area of the issue. Thanks for checking in. – Scott

Scott R. Cevera
Sewer Dept. Supervisor
South Brunswick Twp. Utilities
P.O Box 190
Mon. Jct. NJ 08852
Email: scevera@sbtnj.net
Ph. 732-329-4000 Ext 7270
Fax 732-329-3061

From: jireland [mailto:jireland@sbrsa.org]
Sent: Thursday, April 25, 2019 8:31 AM
To: Cevera, Scott
Subject: Sewer Issue

Good Morning Scott,
Hope all is better today, just following up to see if yesterdays issues have been resolved.
Thanks.

Disclaimer: This e-mail, and any attachments, contains information that is, or may be, covered by electronic communications privacy laws and is intended only for the use of the addressee named above. If you are not the intended recipient, please be advised that you are legally prohibited from retaining, using, copying, distributing, or otherwise disclosing this information in any manner. Instead, please reply to the sender that you have received this communication in error, and then immediately delete it. Please conduct your own virus checks before opening any attachment as Stony Brook Regional Sewerage Authority does not guarantee the integrity of this email or attached files has been maintained nor this communication is free of viruses, interceptions or



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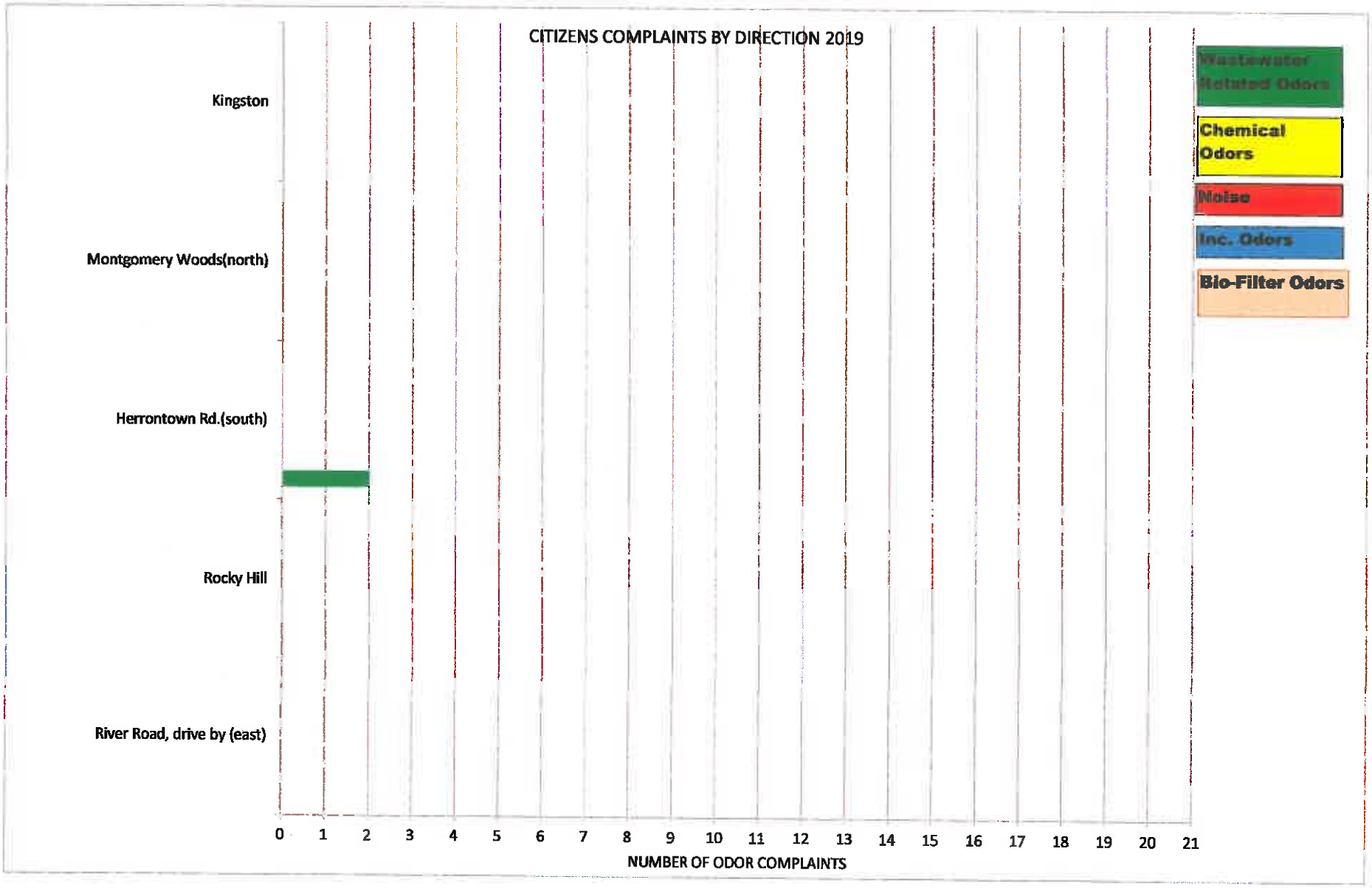

CITIZENS COMPLAINTS BY DIRECTION 2019
Kingston
Montgomery Woods(north)
Herrontown Rd.(south)
Rocky Hill
River Road, drive by (east)
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21
NUMBER OF ODOR COMPLAINTS
Wastewater Related Odors
Chemical Odors
Noise
Inc. Odors
Bio-Filter Odors

			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		
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		
-	*							
Five Month Total	*	6,547,150	7,112,900	6,786,750	6,330,300	6,359,200	5,277,550	5,833,335
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		
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		
-	*							
Five Month Total	*	16,730	17,815	14,476	16,822	11,637	12,604	10,570
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		
Jun	*	0	0	0	0	0		
Jul	*	0	0	0	0	0		
Aug	*	0	0	0	0	0		
Sep	*	0	0	0	0	0		
Oct	*	0	0	0	0	0		
Nov	*	0	0	0	0	0		
-	*							
Five 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		
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		
-	*							
Five Month Total	*	266,000	197,000	325,300	440,000	246,900	245,000	291,665
Annual Total	*	550,000	652,000	729,800	808,300	616,700		

DATE	REMARK	HOURUP	HOURDOWN	HOURAVAL
11-Apr-19	OFF	0	24	24
12-Apr-19	OFF	0	24	24
13-Apr-19	OFF	0	24	24
14-Apr-19	OFF	0	24	24
15-Apr-19	OFF	0	24	24
16-Apr-19	OFF	0	24	24
17-Apr-19	OFF	0	24	24
18-Apr-19	OFF	0	24	24
19-Apr-19	OFF	0	24	24
20-Apr-19	OFF	0	24	24
21-Apr-19	OFF	0	24	24
22-Apr-19	OFF	0	24	24
23-Apr-19	OFF	0	24	24
24-Apr-19	OFF	0	24	24
25-Apr-19	OFF	0	24	24
26-Apr-19	OFF	0	24	24
27-Apr-19	OFF	0	24	24
28-Apr-19	OFF	0	24	24
29-Apr-19	OFF	0	24	24
30-Apr-19	OFF	0	24	24
1-May-19	OFF	0	24	24
2-May-19	OFF	0	24	24
3-May-19	OFF	0	24	24
4-May-19	OFF	0	24	24
5-May-19	OFF	0	24	24
6-May-19	OFF	0	24	24
7-May-19	OFF	0	24	24
8-May-19	OFF	0	24	24
9-May-19	OFF	0	24	24
10-May-19	OFF	0	24	24
11-May-19	OFF	0	24	24
12-May-19	OFF	0	24	24

DATE	REMARK	HOURUP	HOURDOWN	HOURAVAL
11-Apr-19	STOPPPED FEED@2320hrs. DUE TO LOW INVENTORY; TOTALS=144 WITH AVG. OF 6.2TONS/HR USING RTO;	23.33	0.67	24
12-Apr-19	STARTED FEED@1700hrs. USING RTO; TOTAL TONS=33 WITH AVG. OF 4.7TONS/HR;	7	17	24
13-Apr-19	STOPPED FEED@1100hrs. DUE TO ASH DISCHARGE CHUTE BEING CLOGGED; CALLED IN BEEPER MECHANIC; STARTED FEED@1600hrs. USING RTO; TOTAL TONS=119 WITH AVG. OF 6.4TONS/HR;	18.5	5.5	24
14-Apr-19	STOPPED FEED@1100hrs. DUE TO LOW INVENTORY; TOTAL TONS=80 WITH AVG. OF 6.4TONS/HR USING RTO;	12.5	11.5	24
15-Apr-19	STARTED FEED@1845hrs. USING RTO;TOTAL TONS=26 WITH AVG. OF 4.9TONS/HR USING RTO;	5.25	18.75	24
16-Apr-19	STOPPED FEED@2315hrs. DUE TO LOW INVENTORY USING RTO; TOTAL TONS=147 WITH AVG. OF 6.3TONS/HR;	23.25	0.75	24
17-Apr-19	STARTED FEED@1000hrs. USING RTO; STOPPED FEED@2330hrs. DUE TO SEVERAL CLOGGED DROP HOLES CAUSING HIGH CO READINGS; TOTAL TONS=74 WITH AVG. OF 5.5TONS/HR;	13.5	10.5	24
18-Apr-19	STARTED FEED@0005hrs. USING RTO; STOPPED FEED@0940hrs. DUE TO SEVERAL CLOGGED DROP HOLES;STARTED FEED@1335hrs; TOTAL TONS=116 WITH AVG. OF 6.2TONS/HR;	18.6	5.4	24
19-Apr-19	TOTAL TONS=149 WITH AVG. OF 6.2TONS/HR USING RTO;	24	0	24
20-Apr-19	STOPPED FEED@1430hrs. DUE TO LOW INVENTORY; TOTAL TONS=87 WITH AVG. OF 5.4TONS/HR;	14.5	9.5	24
21-Apr-19	INC. IDLE DUE TO LOW INVENTORY;	0	24	24
22-Apr-19	STARTED FEED@1230hrs. USING RTO; TOTAL TONS=69 WITH AVG. OF 6TONS/HR;	11.5	12.5	24
23-Apr-19	TOTAL TONS=138 WITH AVG. OF 5.7TONS/HR USING RTO;	24	0	24

DATE	REMARK	HOURUP	HOURDOWN	HOURAVAL
24-Apr-19	STOPPED FEED@0330hrs. DUE TO LOW INVENTORY; STARTED FEED@1230hrs. USING RTO; TOTAL TONS=96 WITH AVG. OF 6.4TONS/HR;	15	9	24
25-Apr-19	TOTAL TONS=161 ITH AVG. F 6.7TONS/HR USING RTO;	24	0	24
26-Apr-19	STOPPED FEED@1800hrs. DUE TO WEATHER; TOTAL TONS=125 WITH AVG. OF 6.4TONS/HR USING RTO;	19.5	4.5	24
27-Apr-19	STARTED FEED@0730hrs. USING RTO; TOTAL TONS=90 WITH AVG,.OF 5.4TONS/HR;	16.5	7.5	24
28-Apr-19	STOPPED FEED@0730hrs DUE TO LOW INVENTORY; TOTAL TONS=51 WITH AVG. OF 5.7TONS/HR USING RTO;	7.5	16.5	24
29-Apr-19	STARTED FEED@0400hrs. USING RTO; TOTAL TONS=106 WITH AVG. OF 5.3TONS/HR;	20	4	24
30-Apr-19	TOTAL TONS=145 WITH AVG. OF 6TONS/HR USING RTO;	24	0	24
1-May-19	TOTAL TONS=151 WITH AVG. OF 6.3TONS/HR USING RTO;	24	0	24
2-May-19	TOTALTONS=138 WITH AVG. OF 5.7TONS/HR USIING RTO;	24	0	24
3-May-19	TOTAL TONS=133 WITH AVG. OF 5.5TONS/HR USING RTO;	24	0	24
4-May-19	STOPPED FEED@2230hrs. DUE TO LOW INVENTORY; TOTAL TONS=128 WITH AVG. OF 5.7TONS/HR USING RTO;	22.5	1.5	24
5-May-19	INC. IDLE DUE TO LOW INVENTORY;	0	24	24
6-May-19	STARTED FEED@0045hrs. USING RTO; TOTAL TONS=117 WITH AVG. OF 5.4TONS/HR;	23.25	0.75	24
7-May-19	STOPPED FEED@0545hrs. DUE TO LOW INVENTORY;STARTED FEED@1830hrs. USING RTO; TOTAL TONS=67 WITH AVG. OF 5.9TONS/HR;	11.25	12.75	24
8-May-19	STOPPED FEED@2300hrs. DUE TO LOW INVENTORY; TOTAL TONS=141 WITH AVG. OF 6.1TONS/HR USING RTO;	23	1	24
9-May-19	STARTD FEED@1530hrs. USING RTO; TOTAL TONS=49 WITH AVG. OF 5.7TONS=HR;	8.5	15.5	24

DATE	REMARK	HOURUP	HOURDOWN	HOURAVAL
10-May-19	FEED STOPPED@2323hrs. DUE TO I.D. FAN SHUTTING DOWN; FOUND SKID PUMP CONTROL IN DISABLE; PUT PUMP CONTROL TO ENABLE AND ALL ALARMS CLEARED; STARTED FEED@2336hrs; TOTAL TONS=147 WITH AVG. OF 6.1TONS/HR;	23.78	0.22	24
11-May-19	STOPPED FEED@0430hrs. DUE TO LOW INVENTORY; STARTED FEED@1600hrs. USING RTO; TOTAL TONS=62 WITH AVG. OF 5 TONS/HR;	12.5	11.5	24
12-May-19	STOPPED FEED@0300hrs. DUE TO LOW INVENTORY AND HIGH FLOWS; TOTAL TONS=19 WITH AVG. OF 6.3TONS/HR USING RTO;	3	21	24

STONY BROOK REGIONAL SEWERAGE AUTHORITY

Maintenance

TO: Antonia Pchola, Executive Director

FROM: J. W. Ireland, Assistant Plant Manager

DATE: May 14, 2019

SUBJECT: Maintenance Report

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. 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.

Orbal Tank #1 Drive #2 located at the Pennington Facility was reported to have only one aerator shaft operating during 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.

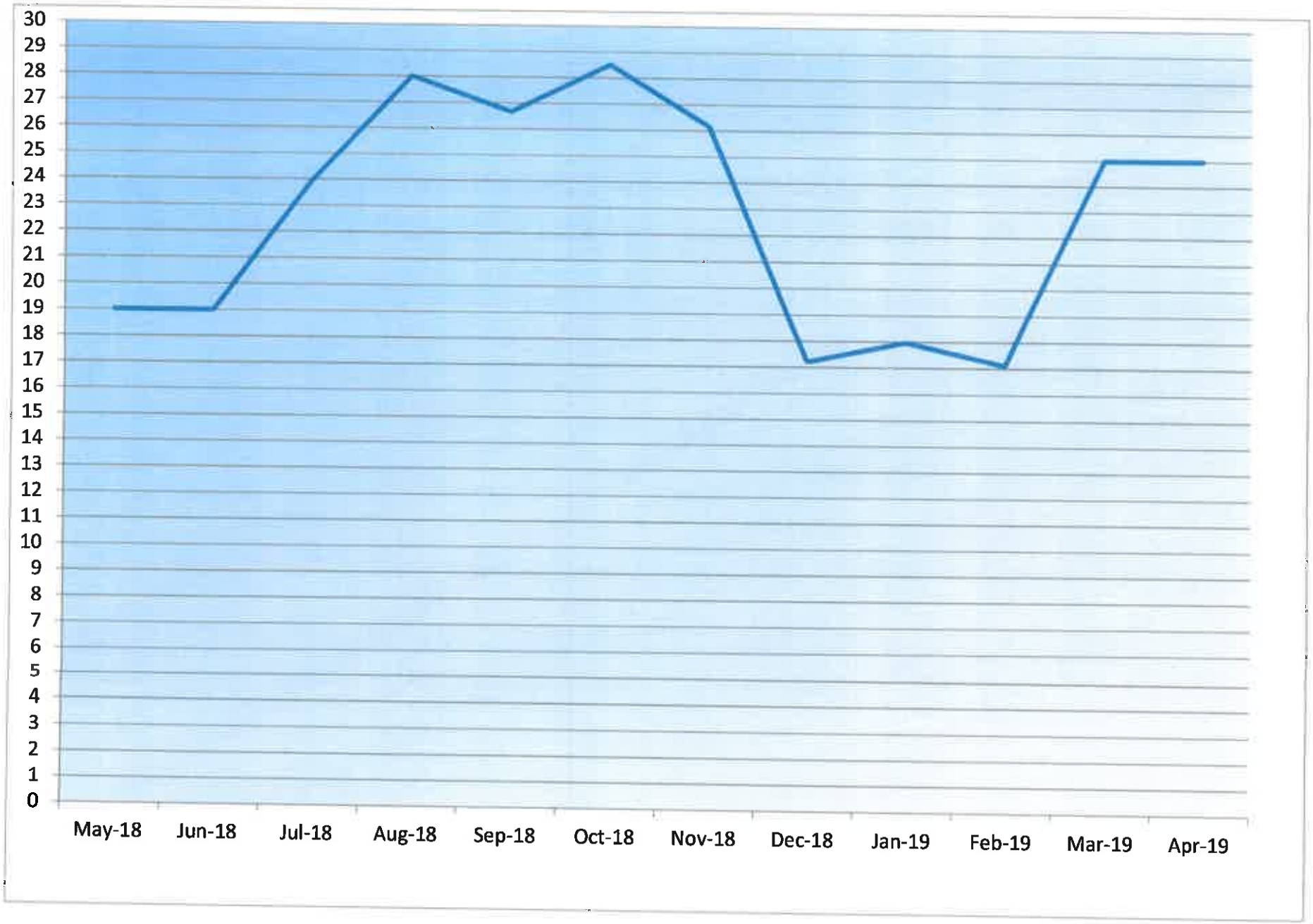
The drive motor for Pennington Reaeration Tank #1 was replaced with a new 7.5 horsepower motor due to bad bearings on April 29, 2019. The motor was tested, and the drive was placed in standby.

Ash Pelletizer #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.

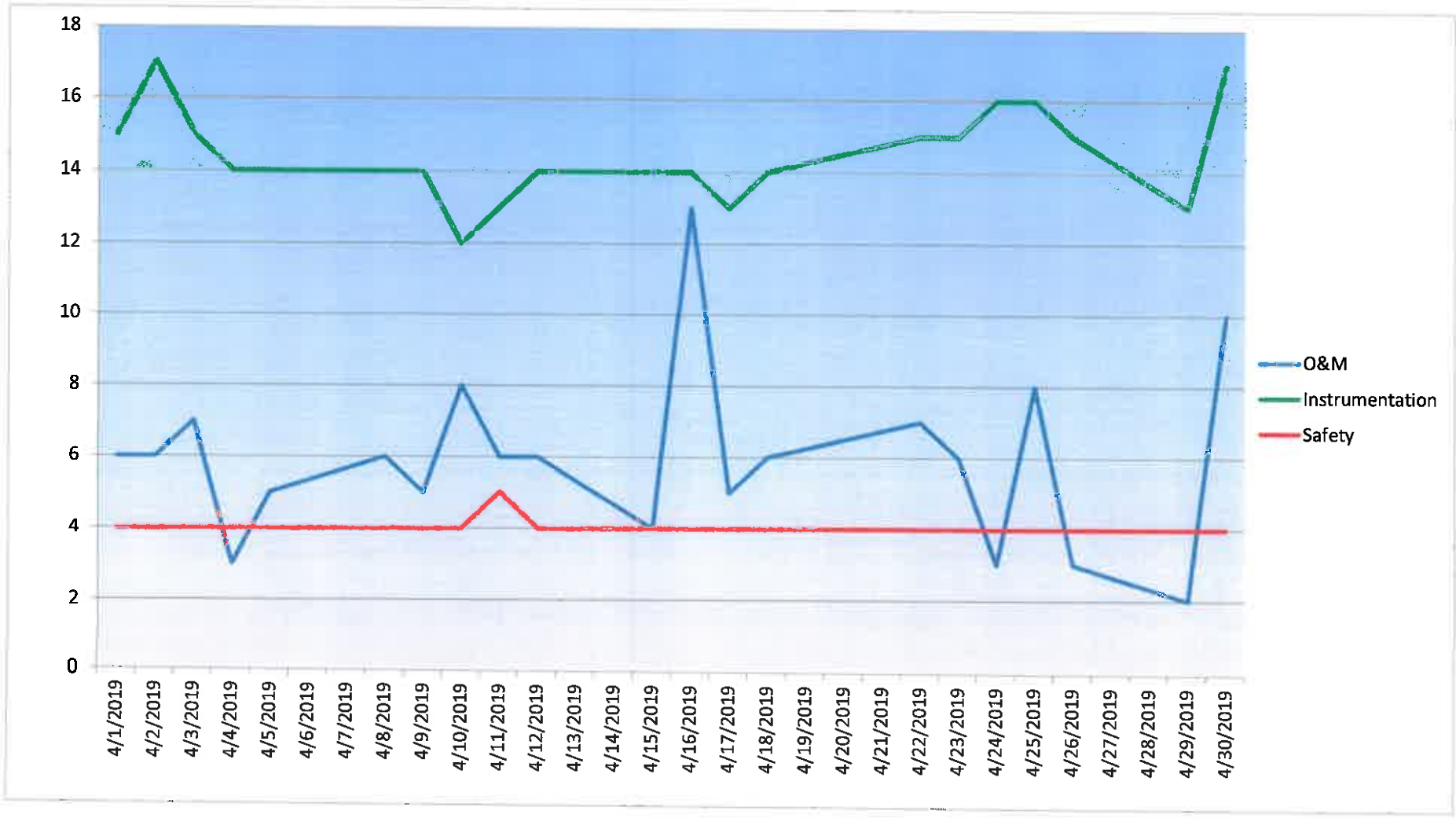
Attached to this report are several graphs that monitor our monthly progress. The current monthly open work requests stand at twenty-five. On the Preventive Maintenance graphs, we currently are averaging three days overdue and the number of overdue units is approximately three.

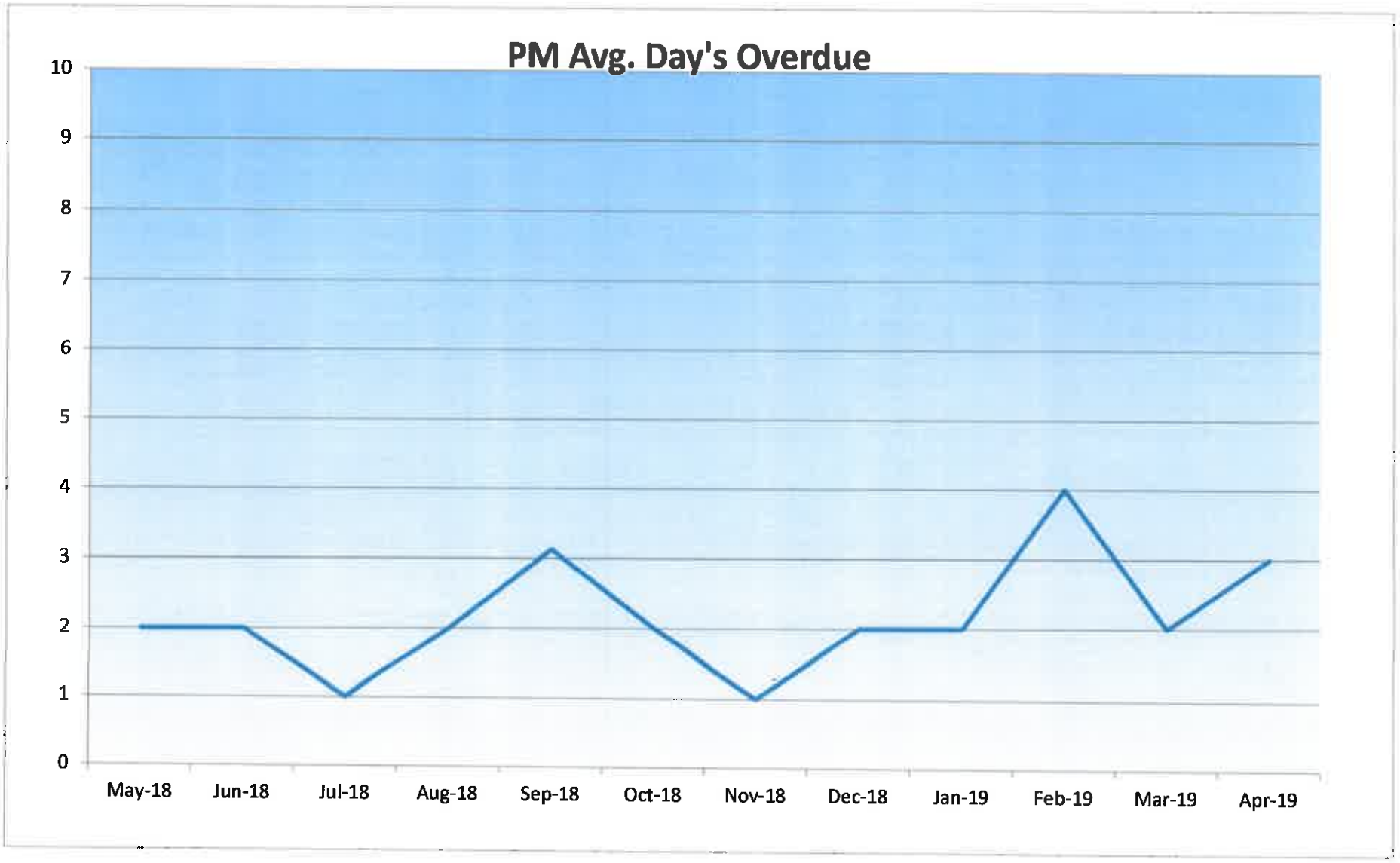
In addition to the graphs, attached is a list of completed Work Orders and Preventive Maintenance for the month of April 2019.

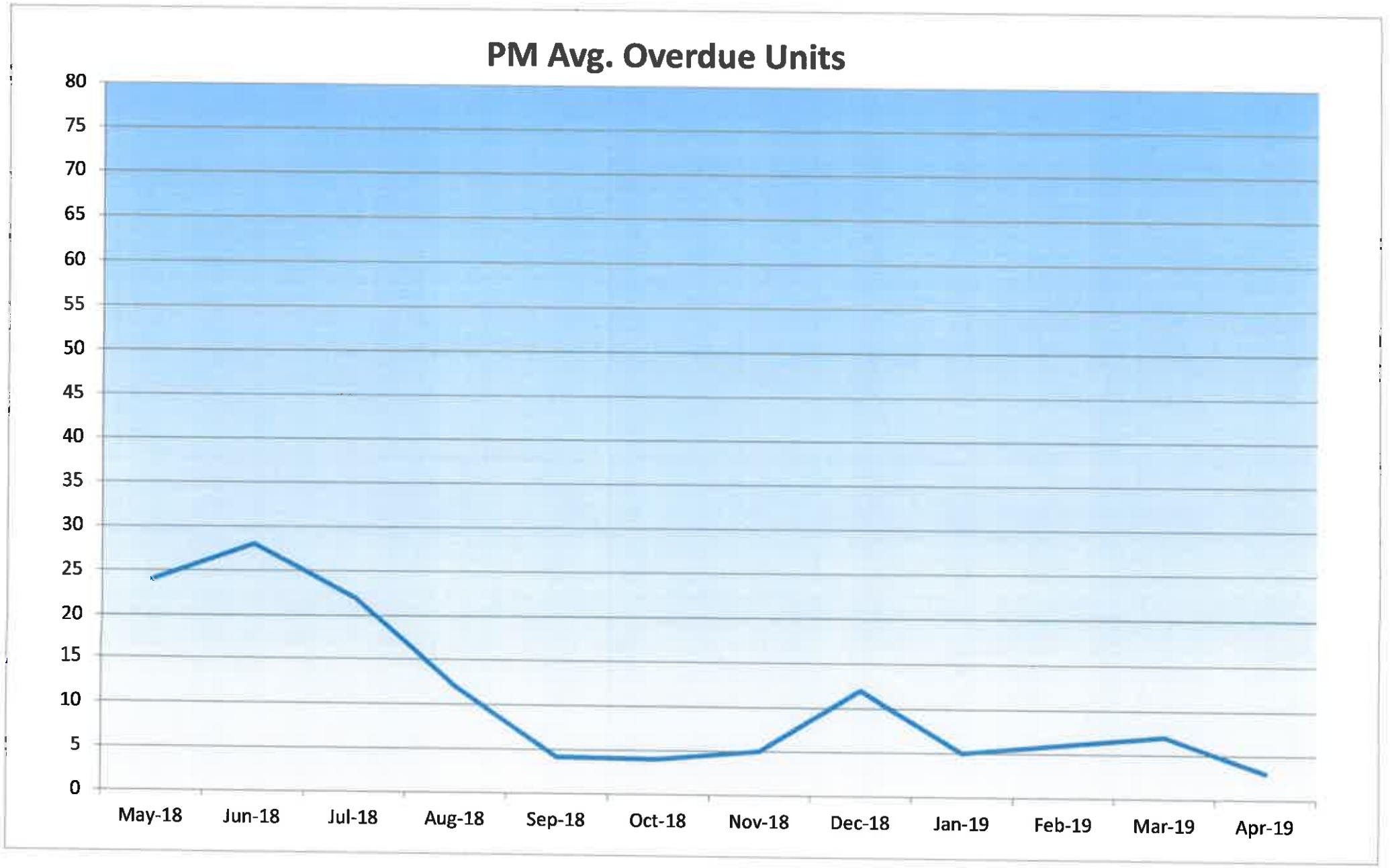
Average Monthly Open Work Requests

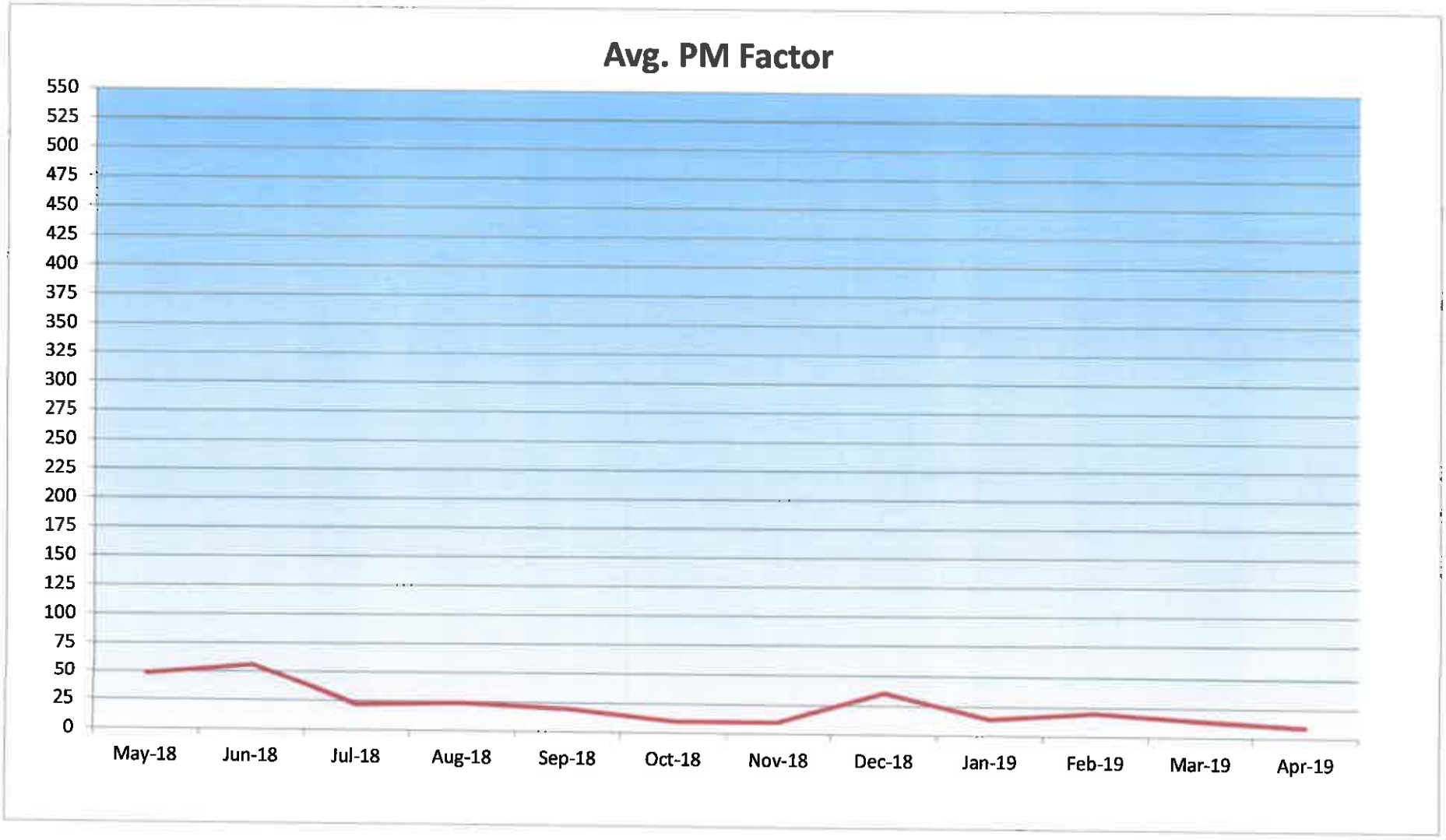


Daily Open Work Request For Each Department




PM Avg. Day's Overdue
10
9
8
7
6
5
4
3
2
1
0
May-18
Jun-18
Jul-18
Aug-18
Sep-18
Oct-18
Nov-18
Dec-18
Jan-19
Feb-19
Mar-19
Apr-19


PM Avg. Overdue Units
80
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
May-18
Jun-18
Jul-18
Aug-18
Sep-18
Oct-18
Nov-18
Dec-18
Jan-19
Feb-19
Mar-19
Apr-19



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

Work Orders Completed For April 2019

ID#	Asset ID#	Asset Description(s)	Description	Work Order Group	Work Order Type	Date Done
WKO-09535	RRP-GND-G	River Road Plant General	Daily - Acting Lead Mechanic Duties	Maintenance	Mechanical	4/1/2019
WKO-09550	RRP-OPB-BASE-B	Plant Heat (Boiler)	No heat in office	Maintenance	Mechanical	4/1/2019
WKO-09549	RRP-OPB-BASE-PM-4	Polymer Mixer 4	Polymer Mix Motor Not Running.	Maintenance	Mechanical	4/1/2019
WKO-09553	RRP-OPB-INC-I-1	Incinerator 1	Assist Albertus	Contractors	Outside Service	4/1/2019
WKO-09545	RRP-INC-BASE	Incinerator Basement	Light Issue	Maintenance	Electrical - Lighting	4/1/2019
WKO-09547	RRP-SS1-MASP-1	MA Scum Pump 1	Running Hot	Maintenance	Mechanical	4/1/2019
WKO-09548	RRP-OPB-BFP-2	Belt Filter Press 2	Oil Leak	Maintenance	Mechanical	4/2/2019
WKO-09389	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	Replace The Grease Fitting	Maintenance	Mechanical	4/2/2019
WKO-09573	RRP-OPB-INC-I-1	Incinerator 1	Empty Slag Dumpster.	Maintenance	Incineration	4/2/2019
WKO-09564	RRP-SCB-SHS-SF8	Storage Hopper Screw SF 8	Only One Screw Is Turning	Maintenance	Mechanical	4/2/2019
WKO-09565	RRP-INC-HL234	Incinerator Hearth Level 234	H-3 pump pad HMI	Instrumentation	Instrumentation	4/2/2019
WKO-09557	RRP-GND-G	River Road Plant General	Daily - Acting Lead Mechanic Duties	Maintenance	Mechanical	4/2/2019
WKO-09546	MC7-MTR	Meter Chamber 7 Meter	Alarms	Instrumentation	Instrumentation	4/2/2019
WKO-09559	PPS-WW	Wet Well	Weekly - Wet Well Clean Up	Operations	House Keeping	4/2/2019
WKO-09572	NRMC-MTR	North Ridge Meter Chamber Meter	Follow-up Meter Verification - North Ridge	Instrumentation	Instrumentation	4/2/2019
WKO-09583	RRP-SCB	Sludge Cake Bldg	Calibrate receiving bin boot pressure transmitters	Instrumentation	Instrumentation	4/3/2019
WKO-09560	MPS-WW	Wet Well	Weekly - Wet Well Clean Up	Operations	House Keeping	4/3/2019

ID#	Asset ID#	Asset Description(s)	Description	Work Order Group	Work Order Type	Date Done
WKO-09558	SPS-WW	Wet Well	Weekly - Wet Well Clean Up	Operations	House Keeping	4/3/2019
WKO-09585	PEP-OPS-ROOF-AH	Air Handler	Reset Reostat.	Maintenance	Mechanical	4/3/2019
WKO-09571	RRP-ET, RRP-OPS, RRP-SCB	Engineering Trailer , Operation Bldg, Sludge Cake Bldg	Install Boot Brushes(See R.R. For Location)	Maintenance	Mechanical	4/3/2019
WKO-09575	RRP-GND-G	River Road Plant General	Daily - Acting Lead Mechanic Duties	Maintenance	Mechanical	4/3/2019
WKO-09552	RRP-OPB-BASE-PM-2	Polymer Mixer 2	Polymer Motor #2 Bad Vibration.	Maintenance	Mechanical	4/3/2019
WKO-09576	RRP-OPB-BFP-SCHP-6A	Schwing Pump 6	No Power At Control Panel	Maintenance	Mechanical	4/3/2019
WKO-09499	RRP-OPB-BASE-BWRP-3	Backwash Return Pump 3	failed fault light lit wont reset	Instrumentation	Instrumentation	4/3/2019
WKO-09544	RRP-FLB-F-2	Filter 2	Leak	Instrumentation	Instrumentation	4/3/2019
WKO-09602	RRP-MS	Maintenance Shop	Clean Second Bay	Maintenance	House Keeping	4/4/2019
WKO-09586	RRP-MAA1-MIX-1, RRP-MAA1-MIX-2, RRP-MAA2-MIX-1, RRP-MAA2-MIX-2	MA Mixer 1, MA Mixer 2	Install New Davit Arms	Maintenance	Mechanical	4/4/2019
WKO-09591	RRP-GND-G	River Road Plant General	Daily - Acting Lead Mechanic Duties	Maintenance	Mechanical	4/4/2019
WKO-08036	RRP-CMB-FOT	Fuel Oil Tank	Alarm Issue	Instrumentation	Instrumentation	4/4/2019
WKO-09610	RRP-OCB	Odor Control Bldg	Inventory All Motors In BioBuilding	Maintenance	Data collection	4/5/2019
WKO-09603	RRP-GND-G	River Road Plant General	Daily - Acting Lead Mechanic Duties	Maintenance	Mechanical	4/5/2019
WKO-09606	RRP-OPB-BFP-2	Belt Filter Press 2	Bottom Belt Leaking	Maintenance	Mechanical	4/5/2019
WKO-09608	RRP-OPB-FO	Front Office	Install Exhaust in Men's Bath Room.	Maintenance	Mechanical	4/5/2019
WKO-09609	RRP-OPS	Operation Bldg	Check Water Heater	Maintenance	Mechanical	4/5/2019
WKO-09400	RRP-ET	Engineering Trailer	Move Desk	Maintenance	Mechanical	4/5/2019
WKO-09496	HOP-PRI1-DR-1A	Primary Clairifier Drive 1	Bring HOP Primary Parts Back For Inventory	Maintenance	Inventory	4/5/2019

ID#	Asset ID#	Asset Description(s)	Description	Work Order Group	Work Order Type	Date Done
WKO-09622	HOP-PRI1-ST	Sludge Trailer	Pony Motor not Pumping	Maintenance	Mechanical	4/8/2019
WKO-09620	RRP-OPB-BASE-BS-1	Basket Strainer 1	Clean Basket Strainer	Maintenance	Mechanical	4/8/2019
WKO-09617	RRP-OPB-BFP-2	Belt Filter Press 2	Oil Leak	Maintenance	Mechanical	4/8/2019
WKO-09618	RRP-OPB-INC-I-2	Incinerator 2	Burner 305A Needs To Be Lit	Maintenance	Mechanical	4/8/2019
WKO-09543	RRP-FLB-F-1	Filter 1	Auto Switching Not Working	Instrumentation	Instrumentation	4/8/2019
WKO-09587	RRP-FLB-F-1	Filter 1	Actuator Loose	Instrumentation	Instrumentation	4/8/2019
WKO-09633	NRMC-MTR	North Ridge Meter Chamber Meter	1-Week Follow-up Verification of North Ridge	Instrumentation	Instrumentation	4/9/2019
WKO-09621	RRP-OPB-FO	Front Office	Change Faucet	Maintenance	Plumbing	4/9/2019
WKO-09624	SPS-WW	Wet Well	Weekly - Wet Well Clean Up	Operations	House Keeping	4/9/2019
WKO-09614	RRP-GND-G	River Road Plant General	Daily - Acting Lead Mechanic Duties	Maintenance	Mechanical	4/9/2019
WKO-09623	RRP-GND-G	River Road Plant General	Daily - Acting Lead Mechanic Duties	Maintenance	Mechanical	4/9/2019
WKO-09634	RRP-SCB-SP-1	Sump Pump 1	Sump Pump Clogged	Maintenance	Plumbing	4/9/2019
WKO-03197	RRP-SSE	Sub-Station Electrical	Generator Project	Contractors	Electrical Miscellaneous	4/9/2019
WKO-09442	RRP-NITA1-DO-1	DO Analyzer 1	Nit aeration tank DO Probes	Instrumentation	Instrumentation	4/9/2019
WKO-09635	RRP-BIOHW	Bio-Filter Head Works	Fixed The Broken Sprinkler Line	Maintenance	Plumbing	4/10/2019
WKO-09626	MPS-WW	Wet Well	Weekly - Wet Well Clean Up	Operations	House Keeping	4/10/2019
WKO-09641	PEP-BLDG-G	Pennington STP Bldg	Exercise Water Valve	Maintenance	Mechanical	4/10/2019
WKO-09315	RRP-DIB-NaOClP-1	Sodium Hypochlorite Pump 1	Motor Turns But Not Pumping	Maintenance	Mechanical	4/10/2019
WKO-09637	RRP-GND-G	River Road Plant General	Daily - Acting Lead Mechanic Duties	Maintenance	Mechanical	4/10/2019

ID#	Asset ID#	Asset Description(s)	Description	Work Order Group	Work Order Type	Date Done
WKO-09642	RRP-HWB-BB-5, RRP-HWB-BB-6, RRP-HWB-BB-7	Biofilter Bed 5, Biofilter Bed 6, Biofilter Bed 7	Fixed The Wader Line	Maintenance	Plumbing	4/10/2019
WKO-09640	RRP-OPB-FO	Front Office	Fix Faucet	Maintenance	Plumbing	4/10/2019
WKO-09483	RRP-OPB-FRST-F	First Floor	Install Exhaust Fan & Outlet	Maintenance	Electrical Miscellaneous	4/10/2019
WKO-09645	RRP-OPB-INC-CSCAF-2	Center Shaft Cooling Air Fan 2	Clean	Operations	House Keeping	4/11/2019
WKO-09648	RRP-OPB-BASE-STP-4	Sludge Transfer Pump 4	Pumping Slow	Maintenance	Mechanical	4/11/2019
WKO-09625	PPS-WW	Wet Well	Weekly - Wet Well Clean Up	Operations	House Keeping	4/11/2019
WKO-09643	RRP-GND-G	River Road Plant General	Daily - Acting Lead Mechanic Duties	Maintenance	Mechanical	4/11/2019
WKO-09646	RRP-SCB	Sludge Cake Bldg	Safety Railing Issue	Safety	Safety	4/11/2019
WKO-09661	RRP-CMB-G-GEN, RRP-NGM-GEN	Gas Generator, Natural Gas Meter (Generator)	Gas Generator Test	Maintenance	Generator Title V	4/12/2019
WKO-09660	RRP-CMB-FOT, RRP-CMB-T-GEN	Fuel Oil Tank, Turbine Generator	Turbine Generator Test	Maintenance	Generator Title V	4/12/2019
WKO-09662	RRP-OPB-BASE-BS-2	Basket Strainer 2	Clogged	Maintenance	Mechanical	4/12/2019
WKO-09664	RRP-MS, RRP-OPB-MR, RRP-OPB-TR, RRP-SPB-OR	Machine Room, Maintenance Shop, Oil Room, Tool Room	House Keeping	Maintenance	House Keeping	4/12/2019
WKO-09667	RRP-LSB-MM-1	Muffin Monster 1	Muffin Monster Rattling	Maintenance	Mechanical	4/12/2019
WKO-09658	RRP-GND-G	River Road Plant General	Daily - Acting Lead Mechanic Duties	Maintenance	Mechanical	4/12/2019
WKO-09666	RRP-NITA2-DO-7	DO Analyzer 7	Fix faulty DO probe on Nit. Aeration Tank #7	Instrumentation	Instrumentation	4/12/2019
WKO-09668	RRP-OPB-INC-CG-2	Clinker Grinder 2	Clinker grinder #2	Maintenance	Mechanical	4/13/2019
WKO-09670	RRP-GND-G	River Road Plant General	Daily - Acting Lead Mechanic Duties	Maintenance	Mechanical	4/15/2019
WKO-09673	RRP-INC-BASE-BS	Basket Strainer	Basket Strainer Clogged	Maintenance	Mechanical	4/15/2019
WKO-09636	RRP-MS	Maintenance Shop	Move Boot Brush	Maintenance	Mechanical	4/15/2019

ID#	Asset ID#	Asset Description(s)	Description	Work Order Group	Work Order Type	Date Done
WKO-09675	RRP-OPB-INC-AC-1	Air Compressor 1	Won't Stay On In Lead Position	Maintenance	Mechanical	4/15/2019
WKO-09680	RRP-SCB-SCH-1A	Schwing Pump 1	Schwing pump training	Maintenance	Mechanical	4/15/2019
WKO-09681	RRP-LSB-401S-DP	CD401 Diff. Pressure Meter	Liquid Sludge Hypochlorite pump	Instrumentation	Instrumentation	4/15/2019
WKO-09674	RRP-OPB-BFP-1	Belt Filter Press 1	Keeps Tripping Out	Maintenance	Mechanical	4/15/2019
WKO-09647	RRP-FLB-F-3, RRP-FLB-F-4	Filter 3, Filter 4	Guards Missing	Instrumentation	Instrumentation	4/15/2019
WKO-09687	MPS-WW	Wet Well	Weekly - Wet Well Clean Up	Operations	House Keeping	4/16/2019
WKO-09686	PPS-WW	Wet Well	Weekly - Wet Well Clean Up	Operations	House Keeping	4/16/2019
WKO-09685	SPS-WW	Wet Well	Weekly - Wet Well Clean Up	Operations	House Keeping	4/16/2019
WKO-09694	PEP-BLDG-G	Pennington STP Bldg	Close stand pipe valve for contractors	Maintenance	Mechanical	4/16/2019
WKO-09684	RRP-GND-G	River Road Plant General	Daily - Acting Lead Mechanic Duties	Maintenance	Mechanical	4/16/2019
WKO-09678	RRP-OPB-ROOF-REF-14	Roof Exhaust Fan 14	Rocket Fan Needs Door	Maintenance	Metal fabrication	4/16/2019
WKO-09692	RRP-OPB-ROOF-REF-14	Roof Exhaust Fan 14	Fan Won't Run.	Maintenance	Mechanical	4/16/2019
WKO-09693	RRP-OPS	Operation Bldg	Made A Door For Opening In Upper Hallway	Maintenance	Construction - Carpentry	4/16/2019
WKO-09695	RRP-OPB-FO	Front Office	New Copier !	Maintenance	Electrical - Line voltage	4/16/2019
WKO-06784	RRP-OPB-CEMS-MHVB	Marshalling Heated Valve Box	Temperature Issue	Instrumentation	Instrumentation	4/16/2019
WKO-09690	RRP-SCB-SCH-4A	Schwing Pump 4	Needs Rams	Maintenance	Mechanical	4/17/2019
WKO-09691	RRP-OPB-INC-CSCAF-1	Center Shaft Cooling Air Fan 1	Clean	Operations	House Keeping	4/17/2019
WKO-09713	RRP-LSB-401S	401 Scrubber	401 caustic pump leaking bad	Instrumentation	Instrumentation	4/17/2019
WKO-09715	RRP-PBLCHMBR-MTR-PBL	Plant Blending Line Flow Meter	Annual - Plant Protection Line Flow Meter Verification	Instrumentation	Instrumentation	4/17/2019

ID#	Asset ID#	Asset Description(s)	Description	Work Order Group	Work Order Type	Date Done
WKO-09717	PEP-ORB1-M, PEP-ORB2-M	Orbal Tank 1 Meter , Orbal Tank 2 Meter	DO probe sensor cap replacement	Instrumentation	Instrumentation	4/17/2019
WKO-09716	RRP-SCR-1-FLD-INSTR, RRP-SCR-2-FLD-INSTR	Scrubber 1 Field Instruments, Scrubber 2 Field Instruments	Semi-Annual Scrubber Differential Pressure Calibration	Instrumentation	Instrumentation	4/17/2019
WKO-09703	RRP-OPB-BASE-BS-1	Basket Strainer 1	Clean Out Unit	Maintenance	Mechanical	4/17/2019
WKO-09714	RRP-OPB-LAB	Lab	Lab Lights	Maintenance	Electrical - Lighting	4/17/2019
WKO-09699	RRP-GND-G	River Road Plant General	Daily - Acting Lead Mechanic Duties	Maintenance	Mechanical	4/17/2019
WKO-09712	RRP-SCB-CS	Carbon Scrubber	Belt Making Noise.	Maintenance	Mechanical	4/17/2019
WKO-09488	RRP-OCB	Odor Control Bldg	Clean & Organize Bio-Building	Maintenance	House Keeping	4/18/2019
WKO-09723	RRP-CCT-2-ORP	ORP Analyzer	Fix erroneous ORP readings in Final Tanks 1+2	Instrumentation	Instrumentation	4/18/2019
WKO-09721	RRP-MS	Maintenance Shop	Inventory	Maintenance	Inventory	4/18/2019
WKO-09719	RRP-OPB-BFP	Belt Filter Press	Clean Floor	Maintenance	House Keeping	4/18/2019
WKO-09696	RRP-OPB-BFP-2	Belt Filter Press 2	Belt press will not run	Maintenance	Mechanical	4/18/2019
WKO-09724	RRP-OPB-FO	Front Office	New Copier	Maintenance	Electrical - Line voltage	4/18/2019
WKO-09720	RRP-OPB-MR, RRP-SPB-OR	Machine Room, Oil Room	House Keeping	Maintenance	House Keeping	4/18/2019
WKO-09730	PEP-ORB1-DR-2	Orbal Tank 1 Drive 2	Broken Coupling	Maintenance	Mechanical	4/20/2019
WKO-09735	RRP-LSB-401S	401 Scrubber	Tubing Needs To Be Replaced	Instrumentation	Instrumentation	4/22/2019
WKO-09718	RRP-GND-G	River Road Plant General	Daily - Acting Lead Mechanic Duties	Maintenance	Mechanical	4/22/2019
WKO-09743	RRP-CMB-MgOH	Magnesium Hydroxide System	Run Hose For Mag.	Maintenance	Mechanical	4/22/2019
WKO-09736	RRP-DIB-NaHSO3P-3	Sodium Bisulfite Pump 3	Pump Issue	Maintenance	Mechanical	4/22/2019
WKO-09737	RRP-DIB-NaOCl	Sodium Hypochlorite Feed System	Hypo Leak	Maintenance	Mechanical	4/22/2019

ID#	Asset ID#	Asset Description(s)	Description	Work Order Group	Work Order Type	Date Done
WKO-09733	RRP-GND-G	River Road Plant General	Daily - Acting Lead Mechanic Duties	Maintenance	Mechanical	4/22/2019
WKO-09740	RRP-OPB-BFP-SCHP-5A	Schwing Pump 5	Needs Rams	Maintenance	Mechanical	4/22/2019
WKO-09742	RRP-OPB-INC-I-2	Incinerator 2	305A Won't Light.	Maintenance	Incineration	4/22/2019
WKO-09738	RRP-SCB-SCH-4A	Schwing Pump 4	Needs Rams	Maintenance	Mechanical	4/22/2019
WKO-09739	RRP-SS1-MASP-2	MA Scum Pump 2	Not Pumping	Maintenance	Mechanical	4/22/2019
WKO-09757	RRP-CMB	Chemical Bldg	Broke down Chemical building hose	Maintenance	House Keeping	4/23/2019
WKO-09760	RRP-CMB-T-GEN	Turbine Generator	Battery Charger Check.	Maintenance	Mechanical	4/23/2019
WKO-09753	RRP-GND-G	River Road Plant General	Inventory	Maintenance	Inventory	4/23/2019
WKO-09758	RRP-MS	Maintenance Shop	Cleaned Bay 3	Maintenance	House Keeping	4/23/2019
WKO-09756	PEP-OPB-FRST-F	First Floor	Fix Toilets	Maintenance	Plumbing	4/23/2019
WKO-09744	RRP-GND-G	River Road Plant General	Daily - Acting Lead Mechanic Duties	Maintenance	Mechanical	4/23/2019
WKO-09745	SPS-WW	Wet Well	Weekly - Wet Well Clean Up	Operations	House Keeping	4/24/2019
WKO-09746	PPS-WW	Wet Well	Weekly - Wet Well Clean Up	Operations	House Keeping	4/24/2019
WKO-09747	MPS-WW	Wet Well	Weekly - Wet Well Clean Up	Operations	House Keeping	4/24/2019
WKO-07354	PPS-BLDG-G, RRP-OPB-GA	Operations Garage, Princeton Pump Station Bldg	Multi Lights Out.	Maintenance Projects	Electrical - Lighting	4/24/2019
WKO-09097	PPS-WW	Wet Well	Lights Out	Maintenance	Electrical - Lighting	4/24/2019
WKO-09774	RRP-CMB-MARSP-2	MA Return Sludge Pump 2	Pump Making Noise	Maintenance	Mechanical	4/24/2019
WKO-09605	RRP-FLB-F-4	Filter 4	Water Leaking	Maintenance	Mechanical	4/24/2019
WKO-09763	RRP-GND-G	River Road Plant General	Daily - Acting Lead Mechanic Duties	Maintenance	Mechanical	4/24/2019

ID#	Asset ID#	Asset Description(s)	Description	Work Order Group	Work Order Type	Date Done
WKO-09584	RRP-OPB-BFP	Belt Filter Press	Install Hose Reels In Belt Press Room	Maintenance	Plumbing	4/24/2019
WKO-09759	RRP-FLB-F-4	Filter 4	Filter 4 Metering and Controls Failure	Instrumentation	Instrumentation	4/24/2019
WKO-09769	PEP-OPS-CHFD-NaHSO3-1, PEP-OPS-CHFD-NaOCl-2	Sodium Bisulfite Feed System 1, Sodium Hypochlorite Feed System 2	Replace Tubing	Instrumentation	Instrumentation	4/24/2019
WKO-09781	RRP-FLB-F-4	Filter 4	Inspect filter #4	Maintenance	Mechanical	4/25/2019
WKO-09775	RRP-GND-G	River Road Plant General	Daily - Acting Lead Mechanic Duties	Maintenance	Mechanical	4/25/2019
WKO-09785	RRP-MS	Maintenance Shop	Inventory	Maintenance	Inventory	4/25/2019
WKO-09777	RRP-OPB-BASE-BS-2	Basket Strainer 2	Clogged	Maintenance	Mechanical	4/25/2019
WKO-09776	RRP-OPB-BFP-2	Belt Filter Press 2	Low Pressure	Maintenance	Mechanical	4/25/2019
WKO-09782	RRP-OPS	Operation Bldg	Moved UPS up to Matt's room	Maintenance	House Keeping	4/25/2019
WKO-09784	RRP-REA3-A-3	Reaeration Tank Aerator 3	Fueled up Godwin and pulled algae	Maintenance	Mechanical	4/25/2019
WKO-09779	VEH-021	Backhoe	Empty Backhoe	Maintenance	House Keeping	4/25/2019
WKO-09761	RRP-OPB-FO	Front Office	Put Exhaust fan in.	Maintenance	Mechanical	4/26/2019
WKO-09786	RRP-GND-G	River Road Plant General	Daily - Acting Lead Mechanic Duties	Maintenance	Mechanical	4/26/2019
WKO-09765	RRP-OCB	Odor Control Bldg	House Keeping/Inventory	Maintenance	House Keeping	4/26/2019
WKO-09788	RRP-OPB-BR	2nd Floor Bathroom	Install Exhaust Fan	Maintenance	Electrical Miscellaneous	4/26/2019
WKO-09791	RRP-OPB-MR	Machine Room	House Keeping	Maintenance	House Keeping	4/26/2019
WKO-09793	RRP-OPB-INC-CG-2, RRP-OPB-INC-FD-2	Clinker Grinder 2, Furnace Drive 2	Shear Pin Broken	Maintenance	Mechanical	4/27/2019
WKO-09612	RRP-SCB-SCRB-2	Sludge Cake Receiving Bin 2	Repair Hole in Chute.	Maintenance Projects	Mechanical	4/28/2019
WKO-09807	HOP-PRI1-ST	Sludge Trailer	Pony Motor	Maintenance	Mechanical	4/29/2019

ID#	Asset ID#	Asset Description(s)	Description	Work Order Group	Work Order Type	Date Done
WKO-09797	RRP-GND-G	River Road Plant General	Daily - Acting Lead Mechanic Duties	Maintenance	Mechanical	4/29/2019
WKO-09644	RRP-MAA2-MIX-2	MA Mixer 2	MA Mixer 2-2	Instrumentation	Instrumentation	4/29/2019
WKO-09801	RRP-OPB-OFF	Offices	Install Outlet For Copy Machine	Maintenance	Electrical - Line voltage	4/29/2019
WKO-09805	HOP-REA1	Reaeration 1	Replace Motor Belt	Maintenance	Mechanical	4/30/2019
WKO-09810	RRP-GND-G	River Road Plant General	Daily - Acting Lead Mechanic Duties	Maintenance	Mechanical	4/30/2019
WKO-09818	RRP-MS	Maintenance Shop	Inventory	Maintenance	Inventory	4/30/2019
WKO-08158	RRP-OPS	Operation Bldg	Install New LED Lights.	Maintenance Projects	Electrical - Lighting	4/30/2019
WKO-09806	HOP-FLB-F-1	Filter 1	Change 8 inch Butterfly Valve	Maintenance	Plumbing	4/30/2019
WKO-09817	RRP-FLB-F-1	Filter 1	Fix leaking effluent solenoid on Filter 1	Instrumentation	Instrumentation	4/30/2019

Total Monthly Work Orders = 159

Preventive Maintenance Completed For April 2019

ID#	Asset ID#	Asset Description(s)	Description	Work Order Group	Work Order Type	Date Done
WKO-09517	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-PRI1-DR-1A, HOP-PRI2-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	4/1/2019
WKO-09515	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	4/1/2019
WKO-09521	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	4/1/2019
WKO-09524	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	4/1/2019
WKO-09516	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-PRI1-DR-1, PEP-PRI2-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	4/1/2019
WKO-09514	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	4/1/2019
WKO-09522	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 Punmp Station Batch 1	Maintenance	Preventive Maintenance	4/1/2019
WKO-09525	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	4/1/2019
WKO-09531	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	4/1/2019
WKO-09533	RRP-HWB-MS-1, RRP-HWB-MS-2	Mechanical Screen 1, Mechanical Screen 2	Monthly - Mechanical Screen PM	Maintenance	Preventive Maintenance	4/1/2019
WKO-09532	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	4/1/2019
WKO-09513	RRP-OPB-GAST	Gasoline Aboveground Storage Tank	Monthly - Gasoline Aboveground Storage Tank Check	Maintenance	Preventive Maintenance	4/1/2019
WKO-09523	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	4/1/2019

ID#	Asset ID#	Asset Description(s)	Description	Work Order Group	Work Order Type115	Date Done
WKO-09526	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	4/1/2019
WKO-09471	VEH-004	Ford Escape XAXF12	Vehicle DMV Inspection	Maintenance	Preventive Maintenance	4/1/2019
WKO-09505	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	4/1/2019
WKO-09511	SPS-DW-DTG, SPS-DW-FOT	Day Tank (Generator), Fuel Oil Tank	Monthly - South Brunswick Pump Station SPCC Inspection	Maintenance	Preventive Maintenance	4/1/2019
WKO-09507	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	4/1/2019
WKO-09518	MPS-DW-DTG, MPS-DW-FOT	Day Tank (Generator), Fuel Oil Tank	Monthly - Millstone Pump Station SPCC Inspection	Maintenance	Preventive Maintenance	4/1/2019
WKO-09520	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	4/1/2019
WKO-09519	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	4/1/2019
WKO-09534	RRP-CMB-G-GEN, RRP-NGM-GEN	Gas Generator, Natural Gas Meter (Generator)	Monthly - RRP-Emergency Generator Check (Gas)	Maintenance	Preventive Maintenance	4/1/2019
WKO-09506	RRP-CMB-FOT, RRP-CMB-FOTP, RRP-CMB-T-GEN	Fuel Oil Tank, Fuel Oil Transfer Pump, Turbine Generator	Monthly - RRP-Emergency Generator Check (Turbine)	Maintenance	Preventive Maintenance	4/1/2019
WKO-09508	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	4/1/2019
WKO-09529	SPS-BLDG-G	South Brunswick Pump Station Bldg	Emergency Light PM SPS	Maintenance	Preventive Maintenance	4/1/2019
WKO-09509	PPS-DW-DTG, PPS-DW-FOT	Day Tank (Generator), Fuel Oil Tank	Monthly - Princeton Pump Station SPCC Inspection	Maintenance	Preventive Maintenance	4/2/2019
WKO-09510	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	4/2/2019
WKO-09569	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	Monthly - Bearing Greasing Batch 2	Maintenance	Preventive Maintenance	4/2/2019

ID#	Asset ID#	Asset Description(s)	Description	Work Order Group	Work Order Type116	Date Done
WKO-09568	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	4/2/2019
WKO-09556	RRP-OPB-INC-FD-1, RRP-OPB-INC-FD-2	Furnace Drive 1, Furnace Drive 2	Weekly - Bull Gear & Pinion PM	Maintenance	Preventive Maintenance	4/2/2019
WKO-09512	RRP-OPB-INC-I-1, RRP-OPB-INC-I-2	Incinerator 1, Incinerator 2	Weekly - Furnace Check	Maintenance	Preventive Maintenance	4/2/2019
WKO-09570	RRP-RTO-FDF	Forced Draft Fan	Monthly - Bearing Lubrication	Maintenance	Preventive Maintenance	4/2/2019
WKO-09555	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	4/2/2019
WKO-09567	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	4/2/2019
WKO-09536	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, 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, 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	4/2/2019
WKO-09530	RRP-BLDG-G	River Road STP	Emergency Light PM RRP	Maintenance	Preventive Maintenance	4/2/2019
WKO-09562	MPS-DW-PWM, PPS-DW-PWM, SPS-DW-PWM	NJ American Potable Water Meter	Weekly - Potable Water Totalizer Readings	Instrumentation	Preventive Maintenance	4/3/2019
WKO-09578	PPS-WW-MCS	Mechanical Climber Screen	Monthly - PPS Climber Screen Inspection	Maintenance	Preventive Maintenance	4/3/2019
WKO-09566	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	4/3/2019

ID#	Asset ID#	Asset Description(s)	Description	Work Order Group	Work Order Type	Date Done
WKO-09582	RRP-OPB-OFF-EF-1B, RRP-OPB-ROOF-REF-11, RRP-OPB-ROOF-REF-12, RRP-OPB-ROOF-REF-15, RRP-OPB-ROOF-REF-16, RRP-OPB-ROOF-REF-17, RRP-OPB-ROOF-REF-18, RRP-OPB-ROOF-REF-19, RRP-OPB-ROOF-REF-20, RRP-OPB-ROOF-REF-21, RRP-OPB-ROOF-REF-22, RRP-OPB-ROOF-REF-30, RRP-OPB-ROOF-REF-31, RRP-OPB-ROOF-REF-32, RRP-OPB-ROOF-REF-33, RRP-OPB-ROOF-REF-4, RRP-OPB-ROOF-REF-6, RRP-OPB-ROOF-REF-7, RRP-OPB-ROOF-RSF-3, RRP-OPB-ROOF-RSF-4	Exhaust Fan EF-1B, Roof Exhaust Fan 11, Roof Exhaust Fan 12, Roof Exhaust Fan 15, Roof Exhaust Fan 16, Roof Exhaust Fan 17, Roof Exhaust Fan 18, Roof Exhaust Fan 19, Roof Exhaust Fan 20, Roof Exhaust Fan 21, Roof Exhaust Fan 22, Roof Exhaust Fan 30, Roof Exhaust Fan 31, Roof Exhaust Fan 32, Roof Exhaust Fan 33, Roof Exhaust Fan 4, Roof Exhaust Fan 6, Roof Exhaust Fan 7, Roof Supply Fan 3, Roof Supply Fan 4	Quarterly - Exhaust/Supply Fan PM	Maintenance	Preventive Maintenance	4/3/2019
WKO-09574	RRP-SCB-RBD-1, RRP-SCB-RBD-2	Receiving Bin Door 1, Receiving Bin Door 2	Monthly - Door Inspection PM	Maintenance	Preventive Maintenance	4/3/2019
WKO-09580	RRP-SLSTR-M	Sludge Storage Tank Mixer	Quarterly - Mixer Inspection	Maintenance	Preventive Maintenance	4/3/2019
WKO-09581	RRP-SLSTR-M	Sludge Storage Tank Mixer	Semi-Annual - Power Assisted Crane PM	Maintenance	Preventive Maintenance	4/3/2019
WKO-09579	SPS-WW-MCS	Mechanical Climber Screen	Monthly - SPS Climber Screen Inspection	Maintenance	Preventive Maintenance	4/3/2019
WKO-09540	RRP-MAA1-DO-1, RRP-MAA1-DO-3, RRP-MAA1-DO-5, RRP-MAA2-DO-2, RRP-MAA2-DO-4, RRP-MAA2-DO-6, 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	4/3/2019
WKO-09563	PPS-DW-P-1-VFD, PPS-DW-P-2-VFD, PPS-DW-P-3-VFD, PPS-DW-P-4-VFD, RRP-INC-FEBP-1-VFD, RRP-INC-FEBP-2-VFD	Final Eff. Booster Pump 1 VFD, Final Eff. Booster Pump 2 VFD, Sewage Pump 1 VFD, Sewage Pump 2 VFD, Sewage Pump 3 VFD, Sewage Pump 4 VFD	Weekly - VFD PM	Instrumentation	Preventive Maintenance	4/3/2019
WKO-09597	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	4/4/2019
WKO-09595	RRP-OCB-B-1, RRP-OCB-B-2	Blower 1, Blower 2	Monthly - Inlet Filter Cleaning	Maintenance	Preventive Maintenance	4/4/2019
WKO-09598	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	4/4/2019
WKO-09596	RRP-REA1-A-1, RRP-REA2-A-2	Reaeration Tank Aerator 1, Reaeration Tank Aerator 2	Monthly - Reaeration PM	Maintenance	Preventive Maintenance	4/4/2019
WKO-09599	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	4/4/2019

ID#	Asset ID#	Asset Description(s)	Description	Work Order Group	Work Order Type118	Date Done
WKO-09588	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	4/4/2019
WKO-09600	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	4/4/2019
WKO-09592	HOP-OPS-FRST-AC-2, PEP-OPS-FRST-AC-1, PEP-OPS-FRST-AC-2	Air Compressor 1, Air Compressor 2	Quarterly - Oil Change Air Compressor Up Stream	Maintenance	Preventive Maintenance	4/4/2019
WKO-09590	RRP-WESP-PF	Purge Fan	Semi-Annual - Filter PM WESP Purge Fan	Maintenance	Preventive Maintenance	4/4/2019
WKO-09601	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	4/4/2019
WKO-09593	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	4/4/2019
WKO-09589	VEH-007	Ford F-150 XAXF49	Semi-Annual Vehicle Maintenance XAXF49	Maintenance	Preventive Maintenance	4/4/2019
WKO-09554	HOP-SEC1, HOP-SEC2, PEP-SEC1, PEP-SEC2	Secondary Clairifier 1, Secondary Clairifier 2	Quarterly - Scum Collector Inspection Batch 2	Operations	Preventive Maintenance	4/4/2019
WKO-09594	HOP-PRI1-ST, PEP-PRI1-ST	Sludge Trailer	Annual - Oil Change Sludge Trailer	Maintenance	Preventive Maintenance	4/4/2019
WKO-08626	PEP-OPS-FRST-B	Plant Heat (Boiler)	Quinquennial - Mandatory Tune-Up Pennington	Maintenance	Preventive Maintenance	4/5/2019
WKO-09539	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	4/8/2019
WKO-09615	RRP-MAA1-DO-1, RRP-MAA1-DO-3, RRP-MAA1-DO-5, RRP-MAA2-DO-2, RRP-MAA2-DO-4, RRP-MAA2-DO-6, 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	4/8/2019
WKO-09613	RRP-OPB-INC-I-1, RRP-OPB-INC-I-2	Incinerator 1, Incinerator 2	Weekly - Furnace Check	Maintenance	Preventive Maintenance	4/8/2019
WKO-09629	RRP-BWS1-M, RRP-THK2-SC-2	Backwash Storage Tank Mechanism, Thickener Tank Sludge Collector 2	Annual - Turntable Oil Change Backwash Storage Tank Mechanism - Thickener Tank Sludge Collector 2	Maintenance	Preventive Maintenance	4/9/2019
WKO-09630	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	4/9/2019
WKO-09632	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	4/9/2019

ID#	Asset ID#	Asset Description(s)	Description	Work Order Group	Work Order Type	Date Done
WKO-09631	RRP-SS1-MASM	MA Scum Mixer	Monthly - Scum Mixer PM	Maintenance	Preventive Maintenance	4/9/2019
WKO-09527	MPS-WW	Wet Well	Monthly - Drop Hole Inspection	Operations	Preventive Maintenance	4/9/2019
WKO-09537	RRP-OPB-INC-I-2	Incinerator 2	Monthly - Incinerator PM	Instrumentation	Preventive Maintenance	4/9/2019
WKO-09538	RRP-CMB-MTR-MARTIN, RRP-CMB-MTR-MAWST, RRP-CMB-MTR-NITRTN, RRP-CMB-MTR-NITWST, RRP-OPB-BASE-PD-LM	MA Return Sludge Flow Meter, MA Waste Sludge Flow Meter, Nitrification Return Sludge Flow Meter, Nitrification Waste Sludge Flow Meter, Process Drain Level Meter	Quarterly - Differential Pressure Meters	Instrumentation	Preventive Maintenance	4/9/2019
WKO-09627	MPS-DW-PWM, PPS-DW-PWM, SPS-DW-PWM	NJ American Potable Water Meter	Weekly - Potable Water Totalizer Readings	Instrumentation	Preventive Maintenance	4/9/2019
WKO-09628	RRP-INC-FEBP-2-VFD	Final Eff. Booster Pump 2 VFD	Weekly - VFD PM	Instrumentation	Preventive Maintenance	4/9/2019
WKO-09638	RRP-RTO-DVD, RRP-RTO-G	Diverter Valve Drive, Regenerative Thermal Oxidizer General Equipment	Monthly - RTO PM 1	Maintenance	Preventive Maintenance	4/10/2019
WKO-09619	RRP-OPB-BASE-HPSCRP-1, RRP-OPB-BASE-HPSCRP-2, RRP-OPB-BASE-LPSCRP-1, RRP-OPB-BASE-LPSCRP-2	High Pressure Scrubber Pump 1, High Pressure Scrubber Pump 2, Low Pressure Scrubber Pump 1, Low Pressure Scrubber Pump 2	Annual Oil Change	Maintenance	Preventive Maintenance	4/11/2019
WKO-09656	RRP-OPB-INC-AP-1	Ash Pelletizer 1	Semi-Annual Gearbox - Oil Change Ash Pelletizer 1	Maintenance	Preventive Maintenance	4/11/2019
WKO-09611	VEH-018	Ford Van XL568L	Vehicle DMV Inspection	Maintenance	Preventive Maintenance	4/11/2019
WKO-09652	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	4/11/2019
WKO-09651	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	4/11/2019
WKO-09655	RRP-BWS1-M, RRP-MAC1-SC-1, RRP-MAC2-SC-2, RRP-NITC1-SC-1, RRP-NITC2-SC-2, RRP-NITC4-SC-4, RRP-THK2-SC-2	Backwash Storage Tank Mechanism, MA Sludge Collector 1, MA Sludge Collector 2, Nitrification Sludge Collector 1, Nitrification Sludge Collector 2, Nitrification Sludge Collector 4, Thickener Tank Sludge Collector 2	Annual Gear Motor - Oil Change	Maintenance	Preventive Maintenance	4/11/2019
WKO-09653	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	4/11/2019
WKO-09654	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	4/11/2019
WKO-09649	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	4/11/2019

ID#	Asset ID#	Asset Description(s)	Description	Work Order Group	Work Order Type120	Date Done
WKO-09657	RRP-SS1-MASM	MA Scum Mixer	Annual Gearbox - Oil Change Aeration Scum Mixer	Maintenance	Preventive Maintenance	4/11/2019
WKO-09663	RRP-CMB-T-GEN	Turbine Generator	Monthly - Battery Charger/Water Check PM	Maintenance	Preventive Maintenance	4/12/2019
WKO-09659	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	4/12/2019
WKO-08388	HOP-BLDG-G, PEP-BLDG-G, RRP-BLDG-G	Hopewell STP Bldg, Pennington STP Bldg, River Road STP	Semi-Annual Life Preserver Inspection	Safety	Preventive Maintenance	4/12/2019
WKO-08484	HOP-BLDG-G, MPS-BLDG-G, PEP-BLDG-G, PPS-BLDG-G, RRP-BLDG-G, SPS-BLDG-G	Hopewell STP Bldg, Millstone Pump Station Bldg, Pennington STP Bldg, Princeton Pump Station Bldg, River Road STP, South Brunswick Pump Station Bldg	Monthly - Fire Extinguisher, Eyewash & Shower Safety Inspection	Safety	Preventive Maintenance	4/12/2019
WKO-09683	RRP-OPB-INC-FD-1, RRP-OPB-INC-FD-2	Furnace Drive 1, Furnace Drive 2	Weekly - Bull Gear & Pinion PM	Maintenance	Preventive Maintenance	4/16/2019
WKO-09669	RRP-OPB-INC-I-1, RRP-OPB-INC-I-2	Incinerator 1, Incinerator 2	Weekly - Furnace Check	Maintenance	Preventive Maintenance	4/16/2019
WKO-09682	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	4/16/2019
WKO-09672	RRP-RTO-G	Regenerative Thermal Oxidizer General Equipment	Monthly - Replace CEMS Sample Probe Filter	Instrumentation	Preventive Maintenance	4/16/2019
WKO-09708	RRP-OPB-BASE-BWRP-1, RRP-OPB-BASE-BWRP-2, RRP-OPB-BASE-BWRP-3, RRP-OPB-BASE-EFWP-1, RRP-OPB-BASE-EFWP-2	Backwash Return Pump 1, Backwash Return Pump 2, Backwash Return Pump 3, Effluent Flushing Water Pump 1, Effluent Flushing Water Pump 2	Quartlerly Coupling Inspection Batch 5	Maintenance	Preventive Maintenance	4/17/2019
WKO-09709	RRP-OPB-BASE-HPSCRP-1, RRP-OPB-BASE-HPSCRP-2, RRP-OPB-BASE-LPSCRP-1, RRP-OPB-BASE-LPSCRP-2, RRP-OPB-BASE-PM-1, RRP-OPB-BASE-PM-2, RRP-OPB-BASE-PM-3, RRP-OPB-BASE-PM-4	High Pressure Scrubber Pump 1, High Pressure Scrubber Pump 2, Low Pressure Scrubber Pump 1, Low Pressure Scrubber Pump 2, Polymer Mixer 1, Polymer Mixer 2, Polymer Mixer 3, Polymer Mixer 4	Quartlerly Coupling Inspection Batch 6	Maintenance	Preventive Maintenance	4/17/2019
WKO-09710	RRP-OPB-BASE-STP-4, RRP-OPB-BASE-TSP-1, RRP-OPB-BASE-TSP-2, RRP-OPB-BASE-TSP-3	Sludge Transfer Pump 4, Thickened Sludge Pump 1, Thickened Sludge Pump 2, Thickened Sludge Pump 3	Quartlerly Coupling Inspection Batch 7	Maintenance	Preventive Maintenance	4/17/2019
WKO-09700	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	Quarterly - Oil Filter Change	Maintenance	Preventive Maintenance	4/17/2019
WKO-09701	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	4/17/2019
WKO-09702	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	4/17/2019

ID#	Asset ID#	Asset Description(s)	Description	Work Order Group	Work Order Type121	Date Done
WKO-09706	RRP-OPB-HL234-ABDS, RRP-OPB-INC-IDF-1, RRP-OPB-INC-IDF-2, RRP-OPB-INC-TB-3, RRP-OPB-INC-TB-4	Ash Bin Discharge Screw, Induced Draft Fan 1, Induced Draft Fan 2, Turbo Blower 3, Turbo Blower 4	Quartlerly Coupling Inspection Batch 3	Maintenance	Preventive Maintenance	4/17/2019
WKO-09707	RRP-OPB-INC-BSP-1, RRP-OPB-INC-BSP-2, RRP-OPB-INC-BSP-3, RRP-OPB-INC-FEBP-1, RRP-OPB-INC-FEBP-2, RRP-OPB-INC-SWP-1, RRP-OPB-INC-SWP-2	Backwash Supply Pump 1, Backwash Supply Pump 2, Backwash Supply Pump 3, Final Effluent Booster Pump 1, Final Effluent Booster Pump 2, Surface Wash Pump 1, Surface Wash Pump 2	Quartlerly Coupling Inspection Batch 4	Maintenance	Preventive Maintenance	4/17/2019
WKO-09688	MPS-DW-PWM, PPS-DW-PWM, SPS-DW-PWM	NJ American Potable Water Meter	Weekly - Potable Water Totalizer Readings	Instrumentation	Preventive Maintenance	4/17/2019
WKO-09671	RRP-MAA1-DO-1, RRP-MAA1-DO-3, RRP-MAA1-DO-5, RRP-MAA2-DO-2, RRP-MAA2-DO-4, RRP-MAA2-DO-6, 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	4/17/2019
WKO-09689	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	4/17/2019
WKO-09697	VEH-008	GMC Sierra 1500 XZ993N	Semi-Annual Vehicle Maintenance X2993N	Maintenance	Preventive Maintenance	4/18/2019
WKO-09722	RRP-INC-HL1-AH-2, RRP-INC-HL1-AH-3	Air Handler 2, Air Handler 3	Quarterly - Air Handler Clean Out	Maintenance	Preventive Maintenance	4/18/2019
WKO-09732	RRP-OPB-INC-I-1, RRP-OPB-INC-I-2	Incinerator 1, Incinerator 2	Weekly - Furnace Check	Maintenance	Preventive Maintenance	4/22/2019
WKO-09728	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	4/22/2019
WKO-09741	RRP-AGC1-AGB-1	Aerated Grit Blower 1	Quarterly - Aerated Grit Blower 1 PM	Maintenance	Preventive Maintenance	4/23/2019
WKO-09754	RRP-AGC2-AGB-2	Aerated Grit Blower 2	Quarterly - Aerated Grit Blower 2 PM	Maintenance	Preventive Maintenance	4/23/2019
WKO-09755	RRP-AGC3-AGB-3	Aerated Grit Blower 3	Quarterly - Aerated Grit Blower 3 PM	Maintenance	Preventive Maintenance	4/23/2019
WKO-09752	RRP-MAC1-SC-1, RRP-MAC2-SC-2	MA Sludge Collector 1, MA Sludge Collector 2	Annual - Turntable Oil Change MA Sludge Collector 1-2	Maintenance	Preventive Maintenance	4/23/2019
WKO-09729	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	4/23/2019
WKO-09725	VEH-009	Chevy Silverado XT381B	Semi-Annual Vehicle Maintenance XT381B	Maintenance	Preventive Maintenance	4/24/2019
WKO-09766	RRP-LSB-401SB-2, RRP-LSB-AC-3, RRP-LSB-AC-4, RRP-LSB-SLP-1, RRP-LSB-SLP-2, RRP-LSOCB-400SB-1, RRP-OCB-F-2, RRP-OCB-F-3, RRP-OCB-F-4, RRP-OCB-F-5, RRP-OCB-F-6, RRP-RTO-FDF, RRP-WESP-ACS	400 Scrubber Blower 1, 401 Scrubber Blower 2, Air Compressor 3, Air Compressor 4, Air Compressor System, Fan 2, Fan 3, Fan 4, Fan 5, Fan 6, Forced Draft Fan, Sludge Pump 1, Sludge Pump 2	Quarterly - Belt Inspection Batch 1	Maintenance	Preventive Maintenance	4/24/2019
WKO-09771	RRP-MAA2-MIX-1	MA Mixer 1	Change Tapered Cone And Oil	Maintenance	Preventive Maintenance	4/24/2019
WKO-09772	RRP-MAA2-MIX-2	MA Mixer 2	Change Tapered Cone And Oil	Maintenance	Preventive Maintenance	4/24/2019

ID#	Asset ID#	Asset Description(s)	Description	Work Order Group	Work Order Type	Date Done
WKO-09751	RRP-SCB-SCH-4A	Schwing Pump 4	Quarterly- Oil Change Conveyor Gearbox 4	Maintenance	Preventive Maintenance	4/24/2019
WKO-09762	VEH-018	Ford Van XL568L	Semi-Annual Vehicle Maintenance XL568L	Maintenance	Preventive Maintenance	4/24/2019
WKO-09780	VEH-023	Ford Explorer XDUM53	Oil Service Light On	Maintenance	Preventive Maintenance	4/24/2019
WKO-09748	MPS-DW-PWM, PPS-DW-PWM, SPS-DW-PWM	NJ American Potable Water Meter	Weekly - Potable Water Totalizer Readings	Instrumentation	Preventive Maintenance	4/24/2019
WKO-09698	VEH-014	Ford F-150 XBXR83	Semi-Annual Vehicle Maintenance XBXR83	Maintenance	Preventive Maintenance	4/25/2019
WKO-09768	RRP-INC-HL1-AH-3, RRP-OPB-INC-CG-1, RRP-OPB-INC-CSCAF-1, RRP-OPB-INC-CSCAF-2, RRP-OPB-INC-FASP-1, RRP-OPB-INC-FASP-2, RRP-OPB-INC-FASP-3, RRP-OPB-INC-FDS-1, RRP-OPB-INC-FDS-2	Air Handler 3, Center Shaft Cooling Air Fan 1, Center Shaft Cooling Air Fan 2, Clinker Grinder 1, Fly Ash Slurry Pump 1, Fly Ash Slurry Pump 2, Fly Ash Slurry Pump 3, Furnace Discharge Screw 1, Furnace Discharge Screw 2	Quarterly - Belt Inspection Batch 3	Maintenance	Preventive Maintenance	4/25/2019
WKO-09770	RRP-MAA1-MIX-1	MA Mixer 1	Change Tapered Cone And Oil	Maintenance	Preventive Maintenance	4/25/2019
WKO-09773	RRP-MAA1-MIX-2	MA Mixer 2	Change Tapered Cone And Oil	Maintenance	Preventive Maintenance	4/25/2019
WKO-09767	RRP-OPB-BASE-IAC-1, RRP-OPB-BASE-IAC-2, RRP-OPB-HL234-ABDS, RRP-OPB-INC-AHFS-1, RRP-OPB-INC-AHFS-2, RRP-OPB-INC-AHFS-3, RRP-OPB-INC-AHFS-4, RRP-OPB-INC-AHFS-5, RRP-OPB-INC-AHFS-6, RRP-OPB-INC-BE-1, RRP-OPB-INC-BE-2, RRP-OPB-INC-D-1, RRP-OPB-INC-D-2, RRP-OPB-INC-WSF-1, RRP-OPB-INC-WSF-2, RRP-OPB-OFF-AC-1, RRP-SCB-CS, RRP-SCB-RBS-SF1, RRP-SCB-RBS-SF2, RRP-SCB-RBS-SF3, RRP-SCB-RBS-SF4, RRP-SCB-RBS-SF5, RRP-SCB-RBS-SF6	Air Compressor 1, Ash Bin Discharge Screw, Ash Hopper Feed Screw 1, Ash Hopper Feed Screw 2, Ash Hopper Feed Screw 3, Ash Hopper Feed Screw 4, Ash Hopper Feed Screw 5, Ash Hopper Feed Screw 6, Bucket Elevator 1, Bucket Elevator 2, Carbon Scrubber, Delumper 1, Delumper 2, Instrument Air Compressor 1, Instrument Air Compressor 2, 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, Wall Supply Fan 1, Wall Supply Fan 2	Quarterly - Belt Inspection Batch 2	Maintenance	Preventive Maintenance	4/25/2019
WKO-09778	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	4/25/2019
WKO-09726	VEH-013	Ford F-150 XCMK36	Semi-Annual Vehicle Maintenance XCMK36	Maintenance	Preventive Maintenance	4/25/2019
WKO-09790	RRP-OPB-BFP-SCHP-5A	Schwing Pump 5	Annual - Hydraulic Oil Change SP5	Maintenance	Preventive Maintenance	4/26/2019
WKO-09789	RRP-OPB-BFP-SCHP-7A	Schwing Pump 7	Annual - Hydraulic Oil Change SP7	Maintenance	Preventive Maintenance	4/26/2019
WKO-09796	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	4/29/2019

ID#	Asset ID#	Asset Description(s)	Description	Work Order Group	Work Order Type	Date Done
WKO-09795	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	4/29/2019
WKO-09802	RRP-OPB-INC-FD-1, RRP-OPB-INC-FD-2	Furnace Drive 1, Furnace Drive 2	Weekly - Bull Gear & Pinion PM	Maintenance	Preventive Maintenance	4/29/2019
WKO-09794	RRP-OPB-INC-I-1, RRP-OPB-INC-I-2	Incinerator 1, Incinerator 2	Weekly - Furnace Check	Maintenance	Preventive Maintenance	4/29/2019
WKO-09787	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	4/29/2019
WKO-09803	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	4/30/2019
WKO-09749	MPS-DW-P-1-VFD, MPS-DW-P-2-VFD, MPS-DW-P-3-VFD, MPS-DW-P-4-VFD, SPS-DW-P-1-VFD, SPS-DW-P-2-VFD, SPS-DW-P-3-VFD	Sewage Pump 1 VFD, Sewage Pump 2 VFD, Sewage Pump 3 VFD, Sewage Pump 4 VFD	Weekly - VFD PM	Instrumentation	Preventive Maintenance	4/30/2019
WKO-09814	MPS-DW-PWM, PPS-DW-PWM, SPS-DW-PWM	NJ American Potable Water Meter	Weekly - Potable Water Totalizer Readings	Instrumentation	Preventive Maintenance	4/30/2019

Total Monthly Preventive Maintenance Orders = 137

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:

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

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

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NOTE: Please phone sandwich order in to Pat Carlino, ext. 205
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MEMORANDUM

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

FROM: Christopher Doelling, Manager of Engineering
DATE: May 17, 2019
SUBJECT: May 20, 2019 Construction Committee Meeting

The following agenda is proposed for the Construction Committee meeting to be held at 6:30 p.m. on May 20, 2019.

Engineer's Report

Studies/General

- Upstream Facilities Process Evaluation/Planning Study

Design

- River Road WWTP UV Disinfection/Filtration Design

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

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
MAY 2019

Studies/General:

Upstream Facilities Process Evaluation/Planning Study: A follow up meeting between staff (Engineering and Operations) and Kleinfelder to review the draft Hopewell STP Process Evaluation/Planning Study will be scheduled shortly.

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.

Design:

River Road WWTP UV Disinfection/Filtration Design: 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.

Construction:

***Contract 14-1 SBRSA Emergency Generator Project*:** This project stands at 99% complete. Centrica was on-site on three different occasions in May. Centrica replaced the cylinder liners and pistons in three of the sixteen cylinders, bore scoped several other cylinders, and obtained a sample of the natural gas supply gas. The engine remains out of service until the manufacturer, Mitsubishi, evaluates the components and recommends a final repair procedure.

Contract 16-1 Schwing Pump Replacement Project: This project remains at 90% complete. The new high-pressure valves and bypass piping are scheduled to be delivered the week of May 20, 2019 and the installation of the valves and piping will begin shortly thereafter.

Contract 17-1 Pennington WWTP Upgrade and Expansion: As of Progress Payment No. 9 this project stands at 42% complete. During the past reporting period CMS: Placed concrete for two (2) floor sections and four (4) wall sections of Orbal Tank No. 1; placed concrete for four (4) floor slabs and two (2) wall sections of Orbal Tank No. 2; completed installation of scum piping for the Secondary Clarifiers; completed installation of effluent piping from the Secondary Clarifiers; completed excavation of the Post Aeration Tank; installed rebar and placed concrete for the concrete foundation slab of the Post Aeration Tank; excavated and installed the precast bases for the Waste Activated Sludge (WAS) Flow Meter Chamber and the Influent Flow Meter Chamber; installed drain piping for the Gravity Sludge Thickener Tank, Odor Control and Sludge Storage Tank; and, installed conduit and piping across the northern roadway. Installation of conduit and wiring for the electrical room within the PACL building continues.

Contract 18-3 Millstone Pump Station Odor Abatement Design: B.R. Welding continues to submit shop drawings for the equipment and materials.

Small Capital Projects:

Contract 18-5 Millstone Pump Station Parshall Flume Replacement Project: The new Parshall flume is expected to be delivered to the pump station the week of May 20, 2019. Installation of the new flume will commence one to two weeks after delivery.

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

RRWWTP Operations Building Roof Replacement Project: SBRSA staff has received one quotation for the operations building roof replacement and is waiting for a second quotation from the one other member of the Mercer County Cooperative purchasing agreement for roof work. The quote from the first contractor was $167,768. It is anticipated that this work will be able to be awarded at the June Authority Board meeting.

Process Control/SCADA

The monthly flow meter verification was conducted by staff on May 1, 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 for 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 on May 2 and 8, 2019. The Pulsar DUET meter verifications are holding steady at less than a quarter of a percent error across each of our verifications. On May 8, 2019, the Pulsar DUET meter output was wired into the SCADA system.

***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*:**

The video surveillance server upgrade is complete. The disk performance increase was approximately 600%.

Three 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.

Staff continues to test our partial Windows 10 deployment; we expect to have all workstations upgraded by August.

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
Mar-17	10,232,891	10,651,133	4.1%
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%
	daily avg, gpd	daily avg, gpd		Notes
Apr-19				
1	9,489,899	9,499,226	0.1%	(1)
2	9,120,750	9,224,356	1.1%	
3	9,085,191	9,205,568	1.3%	
4	8,885,074	8,911,408	0.3%	
5	8,742,125	8,707,476	-0.4%	
6	8,913,322	8,908,255	-0.1%	
7	8,774,184	8,697,338	-0.9%	
8	9,113,587	9,055,546	-0.6%	
9	8,921,939	8,901,958	-0.2%	
10	8,774,171	8,700,326	-0.8%	
11	8,496,143	8,415,911	-0.9%	
12	8,466,208	8,283,753	-2.2%	(1)
13	9,582,118	9,637,458	0.6%	
14	9,296,454	9,181,943	-1.2%	
15	12,419,524	13,463,829	8.4%	
16	11,544,965	12,010,864	4.0%	
17	10,557,598	10,821,962	2.5%	
18	10,124,948	10,225,401	1.0%	(1)
19	9,956,297	9,988,063	0.3%	
20	15,488,308	15,835,930	2.2%	
21	13,543,342	13,717,295	1.3%	
22	12,172,218	12,135,085	-0.3%	
23	11,140,994	11,306,807	1.5%	
24	10,513,839	10,754,734	2.3%	
25	9,749,349	9,793,019	0.4%	
26	11,393,306	11,463,056	0.6%	(1)
27	12,583,197	12,911,985	2.6%	
28	11,174,744	11,281,807	1.0%	
29	10,546,776	10,616,987	0.7%	
30	10,209,283	10,194,527	-0.1%	
Average	10,292,662	10,395,062	1.0%	

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
April 30, 2019

Page No.	Item	April 30, 2019	March 31, 2019
	Voucher List Voucher List-supplemental list	$2,273,845.23	$1,572,411.29
1	Net Income (Loss)	$677,585.00	$570,469.00
5	Total Cash & Investments	$18,281,937	$17,586,287
5	Average Interest Rate	1.57%	2.00%
8	Total Current Projects Balance	$9,307,379	$10,003,562
8	Current Funding Sources	$10,711,917	$11,677,716
9	Summary of Outstanding Bond Issues	$17,577,119	$17,577,119
10	NJ Cash Management Yield	2.38%	2.38%

Action Items and FYI items

Resolution #2019-31 - Payment of Bills and Claims

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

RESOLUTION REGARDING PAYMENT OF BILLS AND CLAIMS

Resolution No. 2019-31
Dated: May 20, 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 $2,273,845.23 be approved for payment with checks bearing two authorized signatures instead of three authorized signatures.

_____
CHAIRMAN

_____
TREASURER

_____
EXECUTIVE DIRECTOR

MOVED:
SECONDED:
ADOPTED: May 20, 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 May 20, 2019.

_____ _____
Antonia Pchola, Secretary Date

SUPERION
DATE: 05/14/2019
TIME: 14:35:10

SUPERION
CHECK REGISTER

PAGE NUMBER: 1
VENCHK11
ACCOUNTING PERIOD: 6/19

Fund - 0001 - GENERAL FUND

CHECK NUMBER	CASH ACCT	DATE ISSUED	VENDOR		ACCT	DESCRIPTION	AMOUNT
51886	0001	05/20/19	932ADP	ADP, LLC	3513	PAYROLL 4/6	190.38
51886	0001	05/20/19	932ADP	ADP, LLC	3513	PAYROLL 3/31	201.04
51886	0001	05/20/19	932ADP	ADP, LLC	3513	PAYROLL 4/20	224.68
51886	0001	05/20/19	932ADP	ADP, LLC	3513	PAYROLL CLOCK/SCAN	716.25
51886	0001	05/20/19	932ADP	ADP, LLC	3513	PAYROLL 4/27	190.38
	TOTAL CHECK						1,522.73
51887	0001	05/20/19	987AIR	AIRGAS USA, LLC	4510	RENT/SUPPLIES	290.25
51888	0001	05/20/19	764AIR	AIRLINE HYDRAULICS	4512	3GNA-440B2-AC100-240 OMRO	229.56
51889	0001	05/20/19	213ALF	ALFA LAVAL, INC.	4525	FREIGHT	25.52
51889	0001	05/20/19	213ALF	ALFA LAVAL, INC.	4525	QUOTE 2249990	2,602.42
51889	0001	05/20/19	213ALF	ALFA LAVAL, INC.	4525	QUOTE 2252288	3,201.71
	TOTAL CHECK						5,829.65
51890	0001	05/20/19	211ALL	ALLIED ELECTRONICS	4512	70007742 GREEN LIGHT BLOC	82.26
51890	0001	05/20/19	211ALL	ALLIED ELECTRONICS	4512	70007743 SWITCH PART; LIG	79.84
	TOTAL CHECK						162.10
51891	0001	05/20/19	267ALS	ALS ENVIRONMENTAL	4515	LAB TEST GRP H 3/14	792.00
51891	0001	05/20/19	267ALS	ALS ENVIRONMENTAL	4515	LAB TEST GRP H 3/14	792.00
51891	0001	05/20/19	267ALS	ALS ENVIRONMENTAL	4515	LAB TEST GRP D 4/10	34.00
51891	0001	05/20/19	267ALS	ALS ENVIRONMENTAL	4515	LAB TEST GRP C 4/2	82.00
51891	0001	05/20/19	267ALS	ALS ENVIRONMENTAL	4515	LAB TEST GRP R 4/10	25.00
51891	0001	05/20/19	267ALS	ALS ENVIRONMENTAL	4515	LAB TEST GRP Q 4/10	59.00
51891	0001	05/20/19	267ALS	ALS ENVIRONMENTAL	4515	LAB TEST GRP A 5/9	426.00
51891	0001	05/20/19	267ALS	ALS ENVIRONMENTAL	4515	LAB TEST GRP C	82.00
	TOTAL CHECK						2,292.00
51892	0001	05/20/19	876AME	AMERICAN WEAR	4511	UNIFORMS 4/19	1.57
51892	0001	05/20/19	876AME	AMERICAN WEAR	4511	UNIFORMS 4/19	3.34
51892	0001	05/20/19	876AME	AMERICAN WEAR	4511	UNIFORMS 4/19	12.56
51892	0001	05/20/19	876AME	AMERICAN WEAR	4511	UNIFORMS 4/19	45.62
51892	0001	05/20/19	876AME	AMERICAN WEAR	4513	UNIFORMS 4/19	65.00
51892	0001	05/20/19	876AME	AMERICAN WEAR	4511	UNIFORMS 4/19	101.40
51892	0001	05/20/19	876AME	AMERICAN WEAR	4511	UNIFORMS 4/19	136.99
51892	0001	05/20/19	876AME	AMERICAN WEAR	4511	UNIFORMS 4/26	1.57
51892	0001	05/20/19	876AME	AMERICAN WEAR	4511	UNIFORMS 4/26	101.40
51892	0001	05/20/19	876AME	AMERICAN WEAR	4511	UNIFORMS 4/26	136.99
51892	0001	05/20/19	876AME	AMERICAN WEAR	4513	UNIFORMS 4/26	65.00
51892	0001	05/20/19	876AME	AMERICAN WEAR	4511	UNIFORMS 4/26	12.56
51892	0001	05/20/19	876AME	AMERICAN WEAR	4511	UNIFORMS 4/26	45.62
51892	0001	05/20/19	876AME	AMERICAN WEAR	4511	UNIFORMS 4/26	3.34
51892	0001	05/20/19	876AME	AMERICAN WEAR	4511	UNIFORMS 5/3	137.24
51892	0001	05/20/19	876AME	AMERICAN WEAR	4513	UNIFORMS 5/3	65.00
51892	0001	05/20/19	876AME	AMERICAN WEAR	4511	UNIFORMS 5/3	101.40
51892	0001	05/20/19	876AME	AMERICAN WEAR	4511	UNIFORMS 5/3	1.57
51892	0001	05/20/19	876AME	AMERICAN WEAR	4511	UNIFORMS 5/3	3.34
51892	0001	05/20/19	876AME	AMERICAN WEAR	4511	UNIFORMS 5/3	12.56
51892	0001	05/20/19	876AME	AMERICAN WEAR	4511	UNIFORMS 05/10	48.86
51892	0001	05/20/19	876AME	AMERICAN WEAR	4511	UNIFORMS 05/10	48.86
51892	0001	05/20/19	876AME	AMERICAN WEAR	4511	UNIFORMS 05/10	12.56
51892	0001	05/20/19	876AME	AMERICAN WEAR	4511	UNIFORMS 05/10	3.11
51892	0001	05/20/19	876AME	AMERICAN WEAR	4511	UNIFORMS 05/10	3.34
51892	0001	05/20/19	876AME	AMERICAN WEAR	4511	UNIFORMS 05/10	101.40

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51892	0001	05/20/19	876AME	AMERICAN WEAR	4511	UNIFORMS 05/10	136.99
51892	0001	05/20/19	876AME	AMERICAN WEAR	4513	UNIFORMS 05/10	65.00
	TOTAL CHECK						1,474.19
51893	0001	05/20/19	789ANT	ANTONIA PCHOLA	3512	FOOD/OTHER	127.29
51893	0001	05/20/19	789ANT	ANTONIA PCHOLA	3501	MILES/TOLLS	154.10
	TOTAL CHECK						281.39
51894	0001	05/20/19	707AVA	AVAYA	3505	TELEPHONE SERV MAY	1,099.54
51895	0001	05/20/19	286AVO	AVON CARPET CLEANING	4523	CARPET CLEANING APR.	175.00
51896	0001	05/20/19	234BRW	B R WELDING & INDUSTRIAL	0280	MILL ODOR CON. APRIL	8,644.00
51896	0001	05/20/19	234BRW	B R WELDING & INDUSTRIAL	1080	MILL ODOR RET. APRIL	-172.88
	TOTAL CHECK						8,471.12
51897	0001	05/20/19	856BUC	BUCKMAN'S INC.	4516	CAUSTIC 25% 4/17	745.00
51898	0001	05/20/19	242CHA	CHAMPION DISPOSAL SERVICE	4509	GRIT 4/15/19	1,010.38
51898	0001	05/20/19	242CHA	CHAMPION DISPOSAL SERVICE	4509	GRIT 5/2	1,005.71
51898	0001	05/20/19	242CHA	CHAMPION DISPOSAL SERVICE	4513	DUMPSTER -5/9	595.00
	TOTAL CHECK						2,611.09
51899	0001	05/20/19	789COM	COMCAST	3505	CABLE SERV HP-5/13	281.85
51900	0001	05/20/19	878COM	COMPLIANCE SIGNS.COM	4501	511177 10X7 ADHESIVE SIGN	18.00
51900	0001	05/20/19	878COM	COMPLIANCE SIGNS.COM	4501	511178 10 X 7 ADHESIVE SI	27.00
51900	0001	05/20/19	878COM	COMPLIANCE SIGNS.COM	4501	511190 10 X 7 ALUMINUM SI	14.00
51900	0001	05/20/19	878COM	COMPLIANCE SIGNS.COM	4501	511192 10X7 ADHESIVE SIGN	9.00
51900	0001	05/20/19	878COM	COMPLIANCE SIGNS.COM	4501	NHE-25182 ADHESIVE NO SMO	99.75
51900	0001	05/20/19	878COM	COMPLIANCE SIGNS.COM	4501	ODE-28506 10X7 ADHESIVE P	66.50
51900	0001	05/20/19	878COM	COMPLIANCE SIGNS.COM	4501	ODE-28506 10X7 ALUMINUM P	114.00
51900	0001	05/20/19	878COM	COMPLIANCE SIGNS.COM	4501	ODE-4965 10X7 ADHESIVE NO	66.50
51900	0001	05/20/19	878COM	COMPLIANCE SIGNS.COM	4501	ODE-4965 10X7 ALUMINUM NO	114.00
51900	0001	05/20/19	878COM	COMPLIANCE SIGNS.COM	4501	SHIPPIING	12.50
	TOTAL CHECK						541.25
51901	0001	05/20/19	246CON	CONSTELLATION NEWENERGY	4505	ELEC BASIN -4/25	4,933.34
51901	0001	05/20/19	246CON	CONSTELLATION NEWENERGY	4505	ELEC RR -4/12	167.24
51901	0001	05/20/19	246CON	CONSTELLATION NEWENERGY	4505	ELEC PENN -4/5	2,668.73
51901	0001	05/20/19	246CON	CONSTELLATION NEWENERGY	4505	ELEC HOPE -5/3	2,137.60
51901	0001	05/20/19	246CON	CONSTELLATION NEWENERGY	4505	ELEC HARR -4/13	6,120.99
	TOTAL CHECK						16,027.90
51902	0001	05/20/19	084COO	COOPER PEST CONTROL, INC.	3511	PEST SER. RR APRIL	50.56
51902	0001	05/20/19	084COO	COOPER PEST CONTROL, INC.	3511	PEST SER. RR PUMP APR	45.00
51902	0001	05/20/19	084COO	COOPER PEST CONTROL, INC.	3511	PEST SER. PENN APR	45.00
51902	0001	05/20/19	084COO	COOPER PEST CONTROL, INC.	3511	PEST SER. HOPE. APR	45.00
	TOTAL CHECK						185.56
51903	0001	05/20/19	632COU	COURTNEY BIXBY	3501	MILEAGE -5/8	36.54
51904	0001	05/20/19	959COY	COYNE CHEMICAL	4518	BISULF 38% 4/17	1,790.85
51904	0001	05/20/19	959COY	COYNE CHEMICAL	4518	BISULF 38% 4/26	2,187.71
51904	0001	05/20/19	959COY	COYNE CHEMICAL	4518	BISULF 38% 5/2	1,549.42
	TOTAL CHECK						5,527.98

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51905	0001	05/20/19	313DEL	DELL MARKETING LP	4530	PDU SWITCHED ATS 120V 20A	2,339.16
51905	0001	05/20/19	313DEL	DELL MARKETING LP	4530	TRIPPLITE 6KVA UPS	9,744.63
51905	0001	05/20/19	313DEL	DELL MARKETING LP	4530	DELL E QUOTE #10310981530	12,707.39
	TOTAL CHECK						24,791.18
51906	0001	05/20/19	096DES	DESIGN FOR VISION	4501	SAFETY EYE-WEAR RT	199.45
51907	0001	05/20/19	987DIR	DIRECT ENERGY BUSINESS MA	4502	NATURAL GAS APRIL	37,827.17
51908	0001	05/20/19	878DUR	DURR SYSTEMS, INC.	4512	4M104C003 GUIDE BUSHING,	566.44
51909	0001	05/20/19	123EAS	EASTERN AUTOPARTS WAREHOU	5001	TAILGATE HANDLE	33.15
51910	0001	05/20/19	326EMA	EMA	4004	ADVICE -3/31/19	1,770.00
51911	0001	05/20/19	109ENG	ENGINE DISTRIBUTORS, INC.	5001	1266137 HOSE ASSEMBLY NON	36.06
51911	0001	05/20/19	109ENG	ENGINE DISTRIBUTORS, INC.	5001	1266159 HOSE ASSEMBLY H05	39.19
	TOTAL CHECK						75.25
51912	0001	05/20/19	399FWW	F.W. WEBB COMPANY	4512	CHEM SEAL WATER	295.74
51912	0001	05/20/19	399FWW	F.W. WEBB COMPANY	4512	CHEM SEAL WATER	135.80
	TOTAL CHECK						431.54
51913	0001	05/20/19	124FIN	JOSEPH FINKLE & SONS, INC	4512	DELIVERY	70.00
51913	0001	05/20/19	124FIN	JOSEPH FINKLE & SONS, INC	4512	STEEL CHANNEL 6" X 2"	371.28
	TOTAL CHECK						441.28
51914	0001	05/20/19	497FIS	FISHER SCIENTIFIC CO.	4516	ORION TRIODE 4/14	1,358.44
51914	0001	05/20/19	497FIS	FISHER SCIENTIFIC CO.	4516	BUFFERS 4/17	490.11
51914	0001	05/20/19	497FIS	FISHER SCIENTIFIC CO.	4523	PIPET 4/29	348.98
51914	0001	05/20/19	497FIS	FISHER SCIENTIFIC CO.	4516	BUFFERS 4/29	490.11
	TOTAL CHECK						2,687.64
51915	0001	05/20/19	498FIS	FISHER SCIENTIFIC CO.	4530	14460260 DIGITAL STREAM S	11,939.16
51916	0001	05/20/19	331FLU	FLUKE ELECTRONICS	4501	31710014 FLUKE THERMAL IM	1,110.00
51917	0001	05/20/19	846FOR	FORESTRY SUPPLIES, INC.	3506	49352 FORESTRY FIELD BOOK	39.98
51918	0001	05/20/19	572FRE	FREEHOLD CARTAGE, INC.	4509	CONTAINER LINER	35.00
51918	0001	05/20/19	572FRE	FREEHOLD CARTAGE, INC.	4509	FUEL SURCHARGE	184.25
51918	0001	05/20/19	572FRE	FREEHOLD CARTAGE, INC.	4509	M303614/003372 ESTIMATE	899.22
51918	0001	05/20/19	572FRE	FREEHOLD CARTAGE, INC.	4509	TRANSPORTATION FEE ESTIMA	550.00
51918	0001	05/20/19	572FRE	FREEHOLD CARTAGE, INC.	4510	QUOTE 66435 MOVE SLUDGE T	200.00
	TOTAL CHECK						1,868.47
51919	0001	05/20/19	444GRA	GARY W. GRAY TRUCKING INC	4509	ASH APRIL	6,636.00
51920	0001	05/20/19	788GEI	GE DIGITAL LLC	3511	APN-PREM-PER-AUTO-BDL ACC	1,225.67
51920	0001	05/20/19	788GEI	GE DIGITAL LLC	4530	HS71S0000100000 HISTORIAN	10,242.00
	TOTAL CHECK						11,467.67
51921	0001	05/20/19	411HAC	HACH COMPANY	4512	LXV404.99.01552 HACH SC20	4,304.16
51922	0001	05/20/19	432HAR	HARRINGTON INDUSTRIAL PLA	4512	MG-7510-PFR-LG-412-GT GRA	1,390.00

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51922	0001	05/20/19	432HAR	HARRINGTON INDUSTRIAL PLA	4512	SHIPPING	557.15
	TOTAL CHECK						1,947.15
51923	0001	05/20/19	158HES	HESCO ELECTRICAL SUPPLY	4512	FAN 4/5	153.92
51923	0001	05/20/19	158HES	HESCO ELECTRICAL SUPPLY	4512	ELEC TAPE 4/12	47.60
51923	0001	05/20/19	158HES	HESCO ELECTRICAL SUPPLY	4512	SWITCH BOX 4/12	10.54
51923	0001	05/20/19	158HES	HESCO ELECTRICAL SUPPLY	4512	METER 4/17	58.20
51923	0001	05/20/19	158HES	HESCO ELECTRICAL SUPPLY	4512	SUPP 4/23	188.78
51923	0001	05/20/19	158HES	HESCO ELECTRICAL SUPPLY	4512	FAN 4/23	176.80
51923	0001	05/20/19	158HES	HESCO ELECTRICAL SUPPLY	4512	SUPP 4/26	221.47
51923	0001	05/20/19	158HES	HESCO ELECTRICAL SUPPLY	4512	SUPP 4/29	31.59
51923	0001	05/20/19	158HES	HESCO ELECTRICAL SUPPLY	4513	EMERG LIGHT REPAIR	309.20
	TOTAL CHECK						1,198.10
51924	0001	05/20/19	444HOM	HOME DEPOT/GECF	4512	SUPPLIES 5/8	43.20
51924	0001	05/20/19	444HOM	HOME DEPOT/GECF	4512	FLOWERS 5/10	144.16
51924	0001	05/20/19	444HOM	HOME DEPOT/GECF	4512	SUPPLIES 4/16	85.03
51924	0001	05/20/19	444HOM	HOME DEPOT/GECF	4506	CHARGED TAX 5/1	6.51
51924	0001	05/20/19	444HOM	HOME DEPOT/GECF	4506	SUPPLIES 5/1	98.32
51924	0001	05/20/19	444HOM	HOME DEPOT/GECF	4512	PLYWOOD 4/22	27.28
51924	0001	05/20/19	444HOM	HOME DEPOT/GECF	4512	SUPPLIES 4/23	610.27
51924	0001	05/20/19	444HOM	HOME DEPOT/GECF	3514	DEPOSIT 5/1	150.00
51924	0001	05/20/19	444HOM	HOME DEPOT/GECF	4506	TAX CREDIT 5/9	-6.51
51924	0001	05/20/19	444HOM	HOME DEPOT/GECF	4506	SUPPLIES 4/19	117.92
51924	0001	05/20/19	444HOM	HOME DEPOT/GECF	4506	SUPPLIES 4/19	7.56
51924	0001	05/20/19	444HOM	HOME DEPOT/GECF	4512	TIMER DIGITAL 4/18	161.91
51924	0001	05/20/19	444HOM	HOME DEPOT/GECF	3514	TILLER RENTAL	176.32
	TOTAL CHECK						1,621.97
51925	0001	05/20/19	734HOS	HOSSEIN RAHIMI	3501	MILEAGE/TOLLS	119.61
51926	0001	05/20/19	497HOU	HOUGH PETROLEUM	4512	BALANCED OWED	940.00
51927	0001	05/20/19	778HYD	HYDRO GATE CORP.	4512	QUOTE #1711080 R4	14,324.50
51928	0001	05/20/19	180JWK	J.W. KENNEDY, INC.	5002	GAS RENT. APRIL	72.00
51929	0001	05/20/19	789JAM	JAMES VALIQUETTE	4501	SAFETY BOOTS	119.99
51930	0001	05/20/19	753JCI	JCI JONES CHEMICALS, INC.	4517	HYPO 15% 4/18	2,820.48
51930	0001	05/20/19	753JCI	JCI JONES CHEMICALS, INC.	4517	HYPO 15% 4/26	2,896.92
51930	0001	05/20/19	753JCI	JCI JONES CHEMICALS, INC.	4517	HYPO 15% 5/6/19	3,733.08
	TOTAL CHECK						9,450.48
51931	0001	05/20/19	564JOH	JOHN J. ROBBINS	4501	SAFETY BOOTS 2019	84.99
51932	0001	05/20/19	456JON	JONATHAN SEARS	3512	FOOD	29.33
51932	0001	05/20/19	456JON	JONATHAN SEARS	3501	MILEAGE/TOLLS	242.59
	TOTAL CHECK						271.92
51933	0001	05/20/19	536KEM	KEMS LLC	4009	GEN ADVICE -3/25	2,994.83
51934	0001	05/20/19	516KLE	KLEINFELDER EAST, INC	4007	ENG. ADVICE -4/28	935.00
51934	0001	05/20/19	516KLE	KLEINFELDER EAST, INC	4008	'19 ANNUAL INSP.-4/28	7,452.50
51934	0001	05/20/19	516KLE	KLEINFELDER EAST, INC	0280	RR UV/EFF. FLT -4/28	9,745.39
	TOTAL CHECK						18,132.89

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51935	0001	05/20/19	522KNO	KNOTTS CO.	4512	1515-LITE-X-3 80/20 1515-	4.26
51935	0001	05/20/19	522KNO	KNOTTS CO.	4512	1515-LITE-X-7 W/7060 80/2	12.60
51935	0001	05/20/19	522KNO	KNOTTS CO.	4512	1515-LITE-X-7.5 80/20 151	3.38
51935	0001	05/20/19	522KNO	KNOTTS CO.	4512	2170 80/20 2170 BASE PLAT	58.80
51935	0001	05/20/19	522KNO	KNOTTS CO.	4512	2208 80/20 2208 VIBRATION	103.40
51935	0001	05/20/19	522KNO	KNOTTS CO.	4512	2430 80/20 2430 PANEL MOU	6.30
51935	0001	05/20/19	522KNO	KNOTTS CO.	4512	2453-13-X-2.875 80/20 1/8	3.00
51935	0001	05/20/19	522KNO	KNOTTS CO.	4512	2453-13-X-5.685 80/20 1/8	5.86
51935	0001	05/20/19	522KNO	KNOTTS CO.	4512	3214 80/20 3214 SAE GRADE	2.38
51935	0001	05/20/19	522KNO	KNOTTS CO.	4512	3293 80/20 3293 DROP IN T	35.70
51935	0001	05/20/19	522KNO	KNOTTS CO.	4512	3323 80/20 3323 DROP IN T	8.80
51935	0001	05/20/19	522KNO	KNOTTS CO.	4512	3458 80/20 3458 ECONOMY T	4.24
51935	0001	05/20/19	522KNO	KNOTTS CO.	4512	4307 80/20 4307 JOINING S	6.90
51935	0001	05/20/19	522KNO	KNOTTS CO.	4512	4319 80/20 4319 DOUBLE PI	79.80
51935	0001	05/20/19	522KNO	KNOTTS CO.	4512	4332 80/20 4332 CORNER GU	8.60
51935	0001	05/20/19	522KNO	KNOTTS CO.	4512	4342 80/20 4342 PIVOT W/L	23.40
51935	0001	05/20/19	522KNO	KNOTTS CO.	4512	4347 80/20 4347 PIVOT W/T	23.40
51935	0001	05/20/19	522KNO	KNOTTS CO.	4512	4376 80/20 4376 CORNER BR	8.30
51935	0001	05/20/19	522KNO	KNOTTS CO.	4512	6807 80/20 6807 L-HANDLE	27.50
51935	0001	05/20/19	522KNO	KNOTTS CO.	4512	6873 80/20 6873 LONG SING	58.95
51935	0001	05/20/19	522KNO	KNOTTS CO.	4512	7010 80/20 7010 CUT CHARG	17.55
51935	0001	05/20/19	522KNO	KNOTTS CO.	4512	7060 80/20 7060 TAPPING C	7.80
51935	0001	05/20/19	522KNO	KNOTTS CO.	4512	7167 80/20 7167 ALUM PANE	31.00
51935	0001	05/20/19	522KNO	KNOTTS CO.	4512	QUOTATION 224875 4/11/19	31.50
		TOTAL CHECK			4512	SHIPPING	45.50
							618.92
51936	0001	05/20/19	310KON	KONICA MINOLTA BUSINESS S	3511	COPIER APRIL	188.03
51937	0001	05/20/19	225LOC	LOCKWOOD'S ELECTRICAL MOT	4512	BELT PRESS MOTOR	1,087.25
51938	0001	05/20/19	627MAR	MARAZITI, FALCON & HEALEY	4001	LEGAL SERV APRIL	484.00
51938	0001	05/20/19	627MAR	MARAZITI, FALCON & HEALEY	4002	RETAINER APRIL	1,500.00
51938	0001	05/20/19	627MAR	MARAZITI, FALCON & HEALEY	4001	LEGAL SERV GEN. APR.	1,086.00
		TOTAL CHECK					3,070.00
51939	0001	05/20/19	222MAR	MARTIN MARIETTA MAGNESIA	4522	MAG 4/12	8,518.75
51939	0001	05/20/19	222MAR	MARTIN MARIETTA MAGNESIA	4522	MAG 4/23	8,606.25
51939	0001	05/20/19	222MAR	MARTIN MARIETTA MAGNESIA	4522	MAG 5/3	8,568.75
		TOTAL CHECK					25,693.75
51940	0001	05/20/19	738MID	MID-STATE MOBILE RADIO	4506	MOTOROLA XPR3300UHF, 4W,	3,426.18
51940	0001	05/20/19	738MID	MID-STATE MOBILE RADIO	4506	QA04950AT HARZARDOUS F/M	254.40
51940	0001	05/20/19	738MID	MID-STATE MOBILE RADIO	4506	QUOTE #03012019JB3-JTP2 R	286.00
51940	0001	05/20/19	738MID	MID-STATE MOBILE RADIO	4506	QUOTE #032119-JTP2 MOTORO	3,426.18
51940	0001	05/20/19	738MID	MID-STATE MOBILE RADIO	4506	QUOTE #032119-JTP2 QA0495	254.40
		TOTAL CHECK				REPLACEMENT BATTERIES FOR	286.00
							7,933.16
51941	0001	05/20/19	101MIR	MIRACLE CHEMICAL CO.	4517	HYPO.15% 4/18	313.00
51942	0001	05/20/19	857MLK	MLK ASSOCIATES	4512	COMPLETE REPAIR KIT 508A	848.00
51942	0001	05/20/19	857MLK	MLK ASSOCIATES	4512	FREIGHT ESTIMATE	241.90
51942	0001	05/20/19	857MLK	MLK ASSOCIATES	4512	VAL-MATIC 8" FLG SWING CH	1,670.00
		TOTAL CHECK					2,759.90

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51943	0001	05/20/19	057MOT	MOTION INDUSTRIES, INC.	4525	BUSHED SPUR GEAR 4/29	1,213.29
51943	0001	05/20/19	057MOT	MOTION INDUSTRIES, INC.	4512	B-160729-4 DRIVE LEVER	2,466.42
	TOTAL CHECK						3,679.71
51944	0001	05/20/19	626NAM	NAMLO IND.	4512	BJKT30 TIRE REPAIR KIT	187.32
51944	0001	05/20/19	626NAM	NAMLO IND.	4512	SW350 SCOTT WIPES (350/PK	136.50
	TOTAL CHECK						323.82
51945	0001	05/20/19	495NEW	NEW JERSEY AMERICAN WATER	4504	WATER BRUNSWICK-4/17	623.14
51945	0001	05/20/19	495NEW	NEW JERSEY AMERICAN WATER	4504	WATER HARRISON-4/18	1,150.75
51945	0001	05/20/19	495NEW	NEW JERSEY AMERICAN WATER	4504	WATER RR -4/25	875.54
51945	0001	05/20/19	495NEW	NEW JERSEY AMERICAN WATER	4504	WATER RR FIRE -4/25	120.64
51945	0001	05/20/19	495NEW	NEW JERSEY AMERICAN WATER	4504	WATER RR PPS -4/25	1,873.10
	TOTAL CHECK						4,643.17
51946	0001	05/20/19	267NEW	NEW JERSEY DIV. OF MOTOR	5003	REG.7/31/20 '08 FRD	151.00
51947	0001	05/20/19	694PUB	NJ UTILTIY AUTH JOINT INS	7008	DIV., OVER PAYMENTS	28,404.00
51947	0001	05/20/19	694PUB	NJ UTILTIY AUTH JOINT INS	0125	SECOND INSTALLMENT 5/15/2	166,980.98
	TOTAL CHECK						195,384.98
51948	0001	05/20/19	657NJR	NJR CLEAN ENERGY VENTURES	4505	SOLAR MAR'19	19,162.69
51949	0001	05/20/19	663ONE	ONE CALL CONCEPTS	4510	MARK OUT APRIL '19	29.70
51950	0001	05/20/19	727PAR	PARK PLACE TECHNOLOGIES L	3514	605835-B21 HP 1TB 6GBPS S	325.00
51950	0001	05/20/19	727PAR	PARK PLACE TECHNOLOGIES L	3514	SHIPPING & HANDLING	60.00
	TOTAL CHECK						385.00
51951	0001	05/20/19	291PED	PEDRONI FUEL COMPANY	5002	UNLEAD GAS 4/22	1,373.28
51952	0001	05/20/19	777PEN	PENN MEDICINE	4536	MEDICAL SERV PRE EMP.	708.00
51953	0001	05/20/19	505PET	PETTY CASH	3508	REIMB -5/10/19	50.72
51954	0001	05/20/19	712PIT	PITNEY BOWES SUPPLY OPERA	3511	RENT -6/30/19	173.04
51955	0001	05/20/19	710POL	POLLUTION CONTROL F.A. OF	4509	ASH DISP -4/12	2,187.08
51955	0001	05/20/19	710POL	POLLUTION CONTROL F.A. OF	4509	ASH DISP -4/18	2,263.00
51955	0001	05/20/19	710POL	POLLUTION CONTROL F.A. OF	4509	ASH DISP -4/27	3,041.18
51955	0001	05/20/19	710POL	POLLUTION CONTROL F.A. OF	4509	ASH DISP 4/30	724.16
51955	0001	05/20/19	710POL	POLLUTION CONTROL F.A. OF	4509	ASH DISP -5/4	1,791.42
51955	0001	05/20/19	710POL	POLLUTION CONTROL F.A. OF	4509	ASH DISP -5/11	2,735.31
	TOTAL CHECK						12,742.15
51956	0001	05/20/19	753POL	POLYDYNE INC.	4520	CLARIFLOC 4/9	23,355.00
51957	0001	05/20/19	852PRI	PRIMAVERA REGENCY	3508	PC RETIREMENT LUCHEON	450.00
51958	0001	05/20/19	171PRI	PRINCETON - 130 SUPPLY CO	4508	PAD174 MEDIUM-DUTY SCRUBB	16.99
51958	0001	05/20/19	171PRI	PRINCETON - 130 SUPPLY CO	4508	PGC16449 MR. CLEAN MAGIC	49.80
51958	0001	05/20/19	171PRI	PRINCETON - 130 SUPPLY CO	4508	RCP612788YEL WAVE BREAK S	99.79
51958	0001	05/20/19	171PRI	PRINCETON - 130 SUPPLY CO	4508	RCPH216 GRIPPER HARDWOOD	45.22
	TOTAL CHECK						211.80

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Fund - 0001 - GENERAL FUND

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51959	0001	05/20/19	332PSE	PSE&G COMPANY	4505	ELEC RR -4/25	59,094.37
51960	0001	05/20/19	717PSE	PSE&G	4502	GAS GENERATOR APR	86.73
51961	0001	05/20/19	341QUI	QUILL CORPORATION	3506	294-105007CT HAMERMILL CO	209.94
51961	0001	05/20/19	341QUI	QUILL CORPORATION	3506	W0396-11 WILSON JONES MIN	189.99
51961	0001	05/20/19	341QUI	QUILL CORPORATION	3506	24290479 KENDALL PARK DES	379.98
	TOTAL CHECK						779.91
51962	0001	05/20/19	784QUI	QUINCY COMPRESSOR LLC	3511	QUOTE #QP-639760 PM FOR D	1,007.00
51962	0001	05/20/19	784QUI	QUINCY COMPRESSOR LLC	3511	QUOTE #QP-63974 PM FOR DH	967.40
51962	0001	05/20/19	784QUI	QUINCY COMPRESSOR LLC	3511	QUOTE #QP-639753 PM FOR D	1,007.00
	TOTAL CHECK						2,981.40
51963	0001	05/20/19	361RUS	RUSSELL REID	4509	LQ. SLUDGE HP APRIL	3,444.71
51963	0001	05/20/19	361RUS	RUSSELL REID	4509	LQ. SLUDGE PEN APRIL	3,444.71
	TOTAL CHECK						6,889.42
51964	0001	05/20/19	582SAF	SAFETY-KLEEN	4524	PART/SERV 4/9/19	437.74
51965	0001	05/20/19	648SHE	SHERWOOD-LOGAN & ASSOC.	4525	28-210696010 INSERT APEX-	1,106.59
51965	0001	05/20/19	648SHE	SHERWOOD-LOGAN & ASSOC.	4525	28-215696015 INSERT APEX-	1,191.73
51965	0001	05/20/19	648SHE	SHERWOOD-LOGAN & ASSOC.	4525	28-300001119 RUBBER BUSH,	89.18
51965	0001	05/20/19	648SHE	SHERWOOD-LOGAN & ASSOC.	4525	28-300002119 RUBBER BUSH,	77.02
51965	0001	05/20/19	648SHE	SHERWOOD-LOGAN & ASSOC.	4525	28-C112508 HOSE CLAMP	263.48
51965	0001	05/20/19	648SHE	SHERWOOD-LOGAN & ASSOC.	4525	SHIPPING	313.95
51965	0001	05/20/19	648SHE	SHERWOOD-LOGAN & ASSOC.	4525	WATSON-MARLOW APEX10 PERI	3,330.52
51965	0001	05/20/19	648SHE	SHERWOOD-LOGAN & ASSOC.	4525	WATSON-MARLOW APEX15 PERI	3,852.00
	TOTAL CHECK						10,224.47
51966	0001	05/20/19	399STO	STONY BROOK REGIONAL SEWE	0030	REIMB BENEFITS 5WKS	205,000.00
51967	0001	05/20/19	400STO	STONY BROOK REGIONAL SEWE	0040	PAYROLL 5WKS	250,000.00
51968	0001	05/20/19	856SUP	SUPLEE, CLOONEY & COMPANY	4005	AUDIT	17,085.00
51969	0001	05/20/19	812THE	THERMOCOUPLE TECHNOLOGY,	4512	2004-K-24-08S-C3D-B-G-B7-	911.88
51970	0001	05/20/19	888THO	THOMAS SCIENTIFIC	4523	SUPP 4/11	54.21
51970	0001	05/20/19	888THO	THOMAS SCIENTIFIC	4523	TEST STRIPS 4/12	20.86
51970	0001	05/20/19	888THO	THOMAS SCIENTIFIC	4523	WHITE CAP 4/29	232.83
51970	0001	05/20/19	888THO	THOMAS SCIENTIFIC	4523	WHITE CAP 4/30	232.83
51970	0001	05/20/19	888THO	THOMAS SCIENTIFIC	4523	SUPP. MEDIA 5/7	197.83
	TOTAL CHECK						738.56
51971	0001	05/20/19	123TIG	TIGER GARAGE	5001	OIL SERV 4/18 XZ993N	76.07
51971	0001	05/20/19	123TIG	TIGER GARAGE	5001	OIL SERV 4/24 XL568L	45.02
51971	0001	05/20/19	123TIG	TIGER GARAGE	5001	OIL SERV 4/24 XDUM53	46.97
51971	0001	05/20/19	123TIG	TIGER GARAGE	5001	OIL SERV 4/24 XBXR83	51.63
51971	0001	05/20/19	123TIG	TIGER GARAGE	5001	OIL SERV 4/25 XCMK36	72.33
51971	0001	05/20/19	123TIG	TIGER GARAGE	5001	OIL SERV 5/7	59.72
51971	0001	05/20/19	123TIG	TIGER GARAGE	5001	REPAIRS 5/8	669.71
51971	0001	05/20/19	123TIG	TIGER GARAGE	5001	OIL/WIPER/LAMP	131.81
	TOTAL CHECK						1,153.26
51972	0001	05/20/19	545TIT	TITAN MECHANICAL SERVICE	4510	RTU-2 SHUTTING DOWN	225.00

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Fund - 0001 - GENERAL FUND

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51973	0001	05/20/19	850TOW	TOWNSHIP OF SOUTH BRUNSWI	0115	11/30/18 REFUND	402,571.58
51974	0001	05/20/19	875TUR	TURTLE & HUGHES	4512	800-J17 THREE POSITION SE	179.58
51974	0001	05/20/19	875TUR	TURTLE & HUGHES	4512	800-XA CONTACT BLOCK 1 NO	268.25
	TOTAL CHECK						447.83
51975	0001	05/20/19	876ULI	ULINE	3506	S-3231 PINFEED COMPUTER L	304.55
51976	0001	05/20/19	222UNI	UNIVAR	4518	BISULFITE 38% 4/24	772.00
51976	0001	05/20/19	222UNI	UNIVAR	4518	BISULFITE 38%	617.60
51976	0001	05/20/19	222UNI	UNIVAR	4518	BISL 38% PN 5/10	193.00
51976	0001	05/20/19	222UNI	UNIVAR	4518	BISL 38% HP 5/10	501.80
	TOTAL CHECK						2,084.40
51977	0001	05/20/19	877UPS	UPS	3504	OVERNIGHT DEL 4/20	183.81
51977	0001	05/20/19	877UPS	UPS	3504	OVERNIGHT DEL 4/27	9.49
51977	0001	05/20/19	877UPS	UPS	3504	OVERNIGHT DEL -5/4	8.42
51977	0001	05/20/19	877UPS	UPS	3504	OVERNIGHT DEL -5/11	5.88
	TOTAL CHECK						207.60
51978	0001	05/20/19	333VER	VERIZON (CABS)	3505	DIGITAL SERV MAY	1,409.92
51979	0001	05/20/19	444VER	VERIZON FIOS	3505	INTERNET -6/1/19	294.99
51980	0001	05/20/19	888VER	VERIZON WIRELESS	3505	MOBILE SERV -4/25	467.33
51981	0001	05/20/19	849VIZ	VIZCARRA'S LANDSCAPING LL	4513	HOPEWELL 4/21	340.00
51981	0001	05/20/19	849VIZ	VIZCARRA'S LANDSCAPING LL	4513	METER #7 4/21	55.00
51981	0001	05/20/19	849VIZ	VIZCARRA'S LANDSCAPING LL	4513	MILLSTONE 4/21	55.00
51981	0001	05/20/19	849VIZ	VIZCARRA'S LANDSCAPING LL	4513	PENNINGTON 4/21	300.00
51981	0001	05/20/19	849VIZ	VIZCARRA'S LANDSCAPING LL	4513	PRINCETON PP 4/21	100.00
51981	0001	05/20/19	849VIZ	VIZCARRA'S LANDSCAPING LL	4513	RR 4/21	635.00
51981	0001	05/20/19	849VIZ	VIZCARRA'S LANDSCAPING LL	4513	S. BRUNSWICK 4/21	100.00
51981	0001	05/20/19	849VIZ	VIZCARRA'S LANDSCAPING LL	4513	RR 05/05	635.00
51981	0001	05/20/19	849VIZ	VIZCARRA'S LANDSCAPING LL	4513	HOPEWELL 05/05	340.00
51981	0001	05/20/19	849VIZ	VIZCARRA'S LANDSCAPING LL	4513	METER #7 05/05	55.00
51981	0001	05/20/19	849VIZ	VIZCARRA'S LANDSCAPING LL	4513	MILLSTONE 05/05	55.00
51981	0001	05/20/19	849VIZ	VIZCARRA'S LANDSCAPING LL	4513	PENNINGTON 05/05	300.00
51981	0001	05/20/19	849VIZ	VIZCARRA'S LANDSCAPING LL	4513	PRINCETON PP 05/05	100.00
51981	0001	05/20/19	849VIZ	VIZCARRA'S LANDSCAPING LL	4513	S. BRUNSWICK 05/05	100.00
	TOTAL CHECK						3,170.00
51982	0001	05/20/19	926WBM	W.B. MASON CO., INC.	4504	WATER/SUPP 4/9	122.50
51982	0001	05/20/19	926WBM	W.B. MASON CO., INC.	4504	WATER/SUPP 4/26	166.05
51982	0001	05/20/19	926WBM	W.B. MASON CO., INC.	3506	CLOCK	19.34
51982	0001	05/20/19	926WBM	W.B. MASON CO., INC.	4504	WATER/SUPP MAY	5.70
51982	0001	05/20/19	926WBM	W.B. MASON CO., INC.	4504	WATER/SUPP APRIL	2.85
	TOTAL CHECK						316.44
51983	0001	05/20/19	474WWG	W.W. GRAINGER, INC.	4512	RUBBER BUNA-N	11.84
51983	0001	05/20/19	474WWG	W.W. GRAINGER, INC.	4512	STEEL WIRE 4/8	157.04
51983	0001	05/20/19	474WWG	W.W. GRAINGER, INC.	4512	RACK BEAM 4/11	421.00
51983	0001	05/20/19	474WWG	W.W. GRAINGER, INC.	4512	DOOR STOP 4/12	78.28
51983	0001	05/20/19	474WWG	W.W. GRAINGER, INC.	4512	SWITCH 4/19	184.92
51983	0001	05/20/19	474WWG	W.W. GRAINGER, INC.	4512	RUBBER BUNA-N	6.13

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51983	0001	05/20/19	474WWG	W.W. GRAINGER, INC.	4512	CONTACT BLOCK 4/25	141.20
51983	0001	05/20/19	474WWG	W.W. GRAINGER, INC.	4506	FITTINGS	409.70
51983	0001	05/20/19	474WWG	W.W. GRAINGER, INC.	4513	FILE GRATING	2,756.28
51983	0001	05/20/19	474WWG	W.W. GRAINGER, INC.	4506	FITTINGS	241.34
51983	0001	05/20/19	474WWG	W.W. GRAINGER, INC.	4512	V-BELT 4/29	121.30
51983	0001	05/20/19	474WWG	W.W. GRAINGER, INC.	4512	TOOLS 5/1	278.25
51983	0001	05/20/19	474WWG	W.W. GRAINGER, INC.	4506	STORAGE CABINET	374.79
51983	0001	05/20/19	474WWG	W.W. GRAINGER, INC.	4512	SUPPLIES	1,867.87
51983	0001	05/20/19	474WWG	W.W. GRAINGER, INC.	4512	BOOSTER PUMP/FIT.	1,737.78
	TOTAL CHECK						8,787.72
51984	0001	05/20/19	912WAS	WASTE MANAGEMENT	4513	TRASH RR MAY'19	177.70
51984	0001	05/20/19	912WAS	WASTE MANAGEMENT	4513	TRASH HOPE. MAY'19	20.73
	TOTAL CHECK						198.43
51985	0001	05/20/19	742WIL	WILLIAMS SCOTSMAN, INC.	3515	RENT MAY'19	477.00
51986	0001	05/20/19	331XYL	XYLEM DEWATERING SOLUTION	4506	QUOTE #101106388 WEEKLY R	1,794.00
TOTAL FUND							1,487,879.27

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Fund - 0002 - 2004 CONSTRUCTION ACCOUNT

CHECK NUMBER	CASH ACCT	DATE ISSUED	VENDOR		ACCT	DESCRIPTION	AMOUNT
51987	0001	05/20/19	267CMS	CMS CONSTRUCTION INC.	1080	PN UPG/EXP RET. APR	-15,669.00
51987	0001	05/20/19	267CMS	CMS CONSTRUCTION INC.	0635	PN UPGRADE/EXP APRIL	783,422.33
	TOTAL CHECK						767,753.33
51988	0001	05/20/19	516KLE	KLEINFELDER EAST, INC	0635	PENN CA SERV. -4/28	17,832.63
TOTAL FUND							785,585.96

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Fund - 0006 - NJEIT 2015 GENERATOR PROJ

CHECK NUMBER	CASH ACCT	DATE ISSUED	VENDOR		ACCT	-------DESCRIPTION-------	AMOUNT
51989	0001	05/20/19	516KLE	KLEINFELDER EAST, INC	0679	EMERG GEN -4/28	380.00
TOTAL FUND							380.00
TOTAL REPORT							2,273,845.23

Revenue and Expenditure Summary
December 1, 2018 to April 30, 2019

	2019 12 month Budget	2019 5 month Budget	2019 5 month Actual	2019 5 month Variance	2019 % Actual to Budget	2018 5 month Actual
Revenues:						
Septage/Graywater	$22,400	$9,333	$9,560	$227	42.7%	$6,950
Liquid Sludge	$728,000	$303,333	$286,182	($17,152)	39.3%	$350,831
Cake Sludge	$1,344,600	$560,250	$682,142	$121,892	50.7%	$629,310
Special Waste	$75,000	$31,250	$21,076	($10,174)	28.1%	$27,307
Princeton Farms	$180,000	$75,000	$75,000	$0	41.7%	$75,000
Subtotal Outside Revenue	$2,350,000	$979,167	$1,073,960	$94,793	45.7%	$1,089,398
Participant Revenue	$13,181,825	$5,492,427	$5,492,427	$0	41.7%	$5,384,717
Interest Income	$50,000	$20,833	$123,557	$102,724	247.1%	$49,474
Other Revenue	$50,000	$20,833	$65,988	$45,154	132.0%	$42,934
Total Revenues	$15,631,825	$6,513,260	$6,755,932	$242,671	43.2%	$6,566,523
Expenditures:						
Salaries and Benefits	$5,691,743	$2,371,560	$2,338,967	($32,592)	41.1%	$2,260,900
Administrative Expenses	$832,606	$346,919	$325,188	($21,732)	39.1%	$284,564
Professional Fees	$478,705	$199,460	$116,563	($82,898)	24.3%	$89,943
Operations and Maintenance	$5,789,039	$2,412,100	$2,114,408	($297,692)	36.5%	$2,055,850
Debt Service	$2,139,732	$891,555	$891,555	$0	41.7%	$786,570
Capital Improvement Fund	$700,000	$291,667	$291,667	$0	41.7%	$354,165
Total Expenditures	$15,631,825	$6,513,260	$6,078,347	($434,913)	38.9%	$5,831,993
Twelve Mo. Excess of Revenues over Expenditures	$0	$0	$677,585	$677,585	n/a	$734,530
Twelve Month =	**41.7%**					

Stony Brok Regional Sewerage Authority
Expenditure Report
April 30, 2019

----- TITLE -----	BUDGET	PERIOD EXPENDITURES	ENCUMBRANCES OUTSTANDING	YEAR TO DATE EXP	AVAILABLE BALANCE	YTD/ BUD
SALARIES & WAGES O&M	$3,595,531.00	$300,569.83	$0.00	$1,487,135.01	$2,108,395.99	41.36%
F.I.C.A.	$312,550.00	$22,855.64	$0.00	$129,360.43	$183,189.57	41.39%
S.U.I.	$16,544.00	$2,255.73	$0.00	$13,146.53	$3,397.47	79.46%
EMPLOYEE BENEFITS-PENSIO	$440,000.00	$39,892.83	$0.00	$199,464.15	$240,535.85	45.33%
EMPLOYEE BENEFITS-HEALTH	$812,700.00	$61,047.02	$0.00	$299,911.45	$512,788.55	36.90%
SALARIES & WAGES ADMIN	$514,418.00	$45,204.89	$0.00	$209,949.89	$304,468.11	40.81%
Salaries & Wages Total	**$5,691,743.00**	**$471,825.94**	**$0.00**	**$2,338,967.46**	**$3,352,775.54**	**41.09%**
MEETING/TRAVEL/TRAINING	$8,534.00	$396.69	$0.00	$2,512.53	$6,021.47	29.44%
DUES	$14,500.00	$107.00	$0.00	$6,295.00	$8,205.00	43.41%
LIBRARY-MAGAZINES&BOOKS	$5,824.00	$0.00	$3,481.98	$1,867.10	$474.92	91.85%
POSTAGE	$6,000.00	$302.48	$0.00	$1,588.19	$4,411.81	26.47%
TELEPHONE	$60,133.00	$3,272.99	$0.00	$26,970.30	$33,162.70	44.85%
OFFICE SUPPLIES	$17,292.00	$439.91	$1,117.86	$2,840.18	$13,333.96	22.89%
REGULATORY FEES/PERMITS	$78,902.00	$0.00	$0.00	$10,007.33	$68,894.67	12.68%
ADMIN-MISC	$13,537.00	$115.71	$450.00	$7,921.68	$5,165.32	61.84%
ADVERTISING/PRINTING	$4,500.00	$0.00	$0.00	$1,750.95	$2,749.05	38.91%
INSURANCE	$348,113.00	$27,750.33	$0.00	$138,730.99	$209,382.01	39.85%
SERVICE CONTRACTS	$182,168.00	$4,701.85	$20,314.56	$81,663.57	$80,189.87	55.98%
SEMINARS	$17,366.00	$648.62	$0.00	$3,213.62	$14,152.38	18.51%
COMPUTER PAYROLL SERVICE	$19,672.00	$1,522.73	$0.00	$7,077.54	$12,594.46	35.98%
E.D.P. SUPPLIES	$24,465.00	$711.32	$0.00	$3,407.40	$21,057.60	13.93%
RENTALS & EASEMENTS	$20,000.00	$0.00	$0.00	$3,976.81	$16,023.19	19.88%
ADMINISTRATIVE EXPENSES Total	**$821,006.00**	**$39,969.63**	**$25,364.40**	**$299,823.19**	**$495,818.41**	**39.61%**
LEGAL-NON RETAINER	$47,000.00	$1,570.00	$0.00	$16,866.58	$30,133.42	35.89%
LEGAL-RETAINER	$18,000.00	$1,500.00	$0.00	$9,000.00	-$1,500.00	50.00%
CONSULTANT GENERAL	$50,800.00	$9,212.00	$0.00	$17,433.80	$9,516.20	34.32%
FISCAL AUDIT	$25,000.00	$17,085.00	$3,015.00	$17,085.00	$4,900.00	80.40%
TRUSTEE SERVICES	$35,705.00	$0.00	$0.00	$16,477.50	$19,227.50	46.15%
ENGINEER RETAINER	$55,000.00	$935.00	$0.00	$3,656.25	-$46,616.25	6.65%
ENGINEER NON RETAINER	$19,000.00	$7,452.50	$0.00	$7,452.50	$11,547.50	39.22%
ENVIRONMENTAL CONSULTING	$228,200.00	$2,994.83	$0.00	$25,575.91	$130,628.92	11.21%
Professional Services Total	**$478,705.00**	**$40,749.33**	**$3,015.00**	**$113,547.54**	**$157,837.29**	**24.35%**

Stony Brok Regional Sewerage Authority
Expenditure Report
April 30, 2019

----- TITLE -----	BUDGET	PERIOD EXPENDITURES	ENCUMBRANCES OUTSTANDING	YEAR TO DATE EXP	AVAILABLE BALANCE	YTD/ BUD
SAFETY EQUIPMENT&SUPPLIE	$61,111.00	$1,970.69	$2,360.00	$13,235.81	$45,515.19	25.52%
FUEL-INCINERATOR	$700,895.00	$50,913.90	$0.00	$307,947.25	$392,947.75	43.94%
WATER	$58,099.00	$5,018.72	$0.00	$31,398.20	$26,700.80	54.04%
ELECTRICITY	$1,767,590.00	$163,284.96	$0.00	$573,869.00	$1,193,721.00	32.47%
OPERATIONS SUPPLIES	$106,509.00	$15,491.18	$480.00	$37,855.29	$68,173.71	35.99%
TRAINING ALLOWANCE	$34,820.00	$1,100.00	$1,494.00	$10,700.62	$22,625.38	35.02%
JANITORIAL SUPPLIES	$14,355.00	$211.80	$1,756.89	$3,474.16	$9,123.95	36.44%
ASH HAULING	$490,441.00	$25,951.02	$1,203.28	$137,875.30	$351,362.42	28.36%
REPAIRS	$439,869.00	$35,293.27	$35,691.34	$84,227.55	$319,950.11	27.26%
WORK CLOTHES	$22,238.00	$1,197.10	$1,975.00	$6,940.17	$13,322.83	40.09%
MAINT. TOOLS & SUPPLIES	$291,900.00	$55,988.91	$21,820.87	$143,151.01	$126,928.12	56.52%
BUILDINGS AND GROUNDS	$68,000.00	$5,624.94	$46,105.00	$12,559.83	$9,335.17	86.27%
OUTSIDE LAB TESTING	$32,865.00	$1,784.00	$8,800.00	$8,341.40	$15,723.60	52.16%
CHEMICALS GENERAL	$39,840.00	-$6,806.05	$11,085.60	$12,875.61	$15,878.79	60.14%
CHEMICALS HYPOCHLORITE	$176,616.00	$21,736.44	$12,989.50	$63,923.52	$99,702.98	43.55%
CHEMICALS BISULFITE	$80,700.00	$10,789.33	$4,255.65	$36,345.71	$40,098.64	50.31%
CHEMICALS-ODOR CONTROL	$100,521.00	$6,885.00	$0.00	$20,897.19	$79,623.81	20.79%
CHEMICALS POLYMERS	$69,694.00	$23,355.00	$0.00	$36,325.62	-$74,172.62	52.12%
MAGNESIUM HYDROXIDE	$348,125.00	$25,856.25	$0.00	$139,625.00	$208,500.00	40.11%
LAB SUPPLIES	$19,058.00	$1,064.71	$1,756.15	$5,032.36	$12,269.49	35.62%
HAZARDOUS WASTE DISPOSAL	$6,045.00	$437.74	$0.00	$865.04	$5,179.96	14.31%
SPARE PARTS	$399,850.00	$9,770.94	$30,196.23	$70,625.63	$299,028.14	25.21%
MAJOR OPERATIONAL IMPROV	$352,187.00	$44,615.34	$88,142.00	$66,347.25	$197,697.75	43.87%
CONTINGENCY FOR FINES	$20,000.00	$0.00	$0.00	$0.00	$20,000.00	0.00%
MEDICAL TESTING	$9,990.00	$708.00	$0.00	$1,095.00	$8,895.00	10.96%
OPERATIONS & MAINTENANCE Total	**$5,711,318.00**	**$502,243.19**	**$270,111.51**	**$1,825,533.52**	**$3,508,131.97**	**36.69%**
VEHICLE MAINTENANCE	$29,104.00	$1,544.12	$0.00	$11,714.86	$17,389.14	40.25%
GAS, OIL, & TIRES	$57,417.00	$1,445.28	$0.00	$6,346.71	$51,070.29	11.05%
VEHICLE REGISTRATION	$2,800.00	$0.00	$0.00	$701.00	$2,099.00	25.04%
VEHICLE MAINTENANCE Total	**$89,321.00**	**$2,989.40**	**$0.00**	**$18,762.57**	**$70,558.43**	**76.34%**
CAPITAL PURCHASE FUND	$700,000.00	$58,333.00	$0.00	$291,665.00	$408,335.00	41.67%
CAPITAL PURCHASES Total	**$700,000.00**	**$58,333.00**	**$0.00**	**$291,665.00**	**$408,335.00**	**41.67%**
DEBT SERVICE	$2,139,732.00	$178,311.02	$0.00	$891,555.10	$1,248,176.90	41.67%
DEBT SERVICE Total	**$2,139,732.00**	**$178,311.02**	**$0.00**	**$891,555.10**	**$1,248,176.90**	**41.67%**
Grand Total	**$15,631,825.00**	**$1,294,421.51**	**$298,490.91**	**$5,779,854.38**	**$9,241,633.54**	**38.88%**
					5 Months	**42%**

SCHEDULE OF TRUSTEE HELD BANK ACCOUNTS AS OF APRIL 30, 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	-	16,059.39	0.25	543,501.94	1,279.57	620,706.71	4,882,937.38	2,721,780.40	445,516.41	9,231,782.06
SOURCES :										
PARTICIPANT REVENUE										
INTEREST RECEIVED		27.73		932.87	2.19	1,065.39	7,980.85	6,371.85	764.69	17,145.57
TRANSFERS WITHIN RESTRICTED ACCTS										-
TRANSFERS FROM UNRESTRICTED ACCTS.							518,409.50			518,409.50
TRANSFERS FROM RESTRICTED ACCTS.							1,315,747.09			1,315,747.09
BOND PROCEEDS										
SPECIAL WASTE										
FROM TRUST / DEP LOANS	511,767.00									511,767.00
USES :										
2003 REFUNDING ESCROW ACCT										
REFUND RETAINAGE										
CONSTRUCTION PAYMENTS										
BOND INTEREST										
BOND PRINCIPAL										-
TRANSFERS TO UNRESTRICTED ACCTS.	(511,767.00)	(6,642.50)						(1,315,747.09)		(1,834,156.59)
TRANSFERS TO O&M ACCTS.										-
NJEIT FEES										-
ENDING 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

SCHEDULE OF CASH & INVESTMENTS
4/30/2019

BANK	INV. TYPE	PAR	PAID	TOTAL DAYS	PURCH. DATE	MATURITY DATE	YIELD
Operating Accounts:							
Petty Cash		$ 500	$ 500				
PNC Payroll Accounts		$ 215,298	$ 215,298				
WF Employee Benefits		$ 425,277	$ 425,277				
WF Operations		$ 3,760,306	$ 3,760,306				
NJCMF Operations		$ 2,119,861	$ 2,119,861				2.38%
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		$ 8,521,241	$ 8,521,241				
Trustee Held Accounts:							
Revenue Fund		$ 446,281	$ 446,281				
Total	TR FUND	$ 446,281	$ 446,281				0.00%
General Fund							
USB-TR	TR FUND	$ 5,980,585	$ 5,980,585				0.00%
NJCMF-GF	MMF	$ 744,490	$ 744,490				2.38%
Total		$ 6,725,075	$ 6,725,075				
2012 Construction Fund							
USB-TR	TR FUND	$ 307	$ 307				0.00%
NJCMF-CF	MMF	$ 1,412,099	$ 1,412,099				2.38%
Total		$ 1,412,406	$ 1,412,406				
2015 NJEIT Fund							
USB-TR	TR FUND	$ 9,445	$ 9,445				
Total		$ 9,445	$ 9,445				
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	$ 1,282	$ 1,282				0.00%
Total		$ 1,282	$ 1,282				
Bond Reserve Fund							
USB-TR	TR FUND	$ 544,435	$ 544,435				0.00%
Total		$ 544,435	$ 544,435				
Renewal/Replacement Fund							
USB-TR	TR FUND	$ 621,773	$ 621,773				
Total		$ 621,773	$ 621,773				
Total Trustee Held Accounts		$ 9,760,695	$ 9,760,695			AVG RATE	1.57%
Total Cash and Investments		$ 18,281,937	$ 18,281,937				

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
April 30, 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- Millstone						
	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	$ 103,435	$ 23,617
18-3	Odor Control- Millstone PS Construction	BR Welding	R	11/2019	$ 524,000	$ 8,471	$ 515,529
	Estimated Total				$ 670,372	$ 131,226	$ 539,146
14-1	**EMERGENCY GENERATORS**						
	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	$ 286,254	$ 70,626
	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-Cippollone	NJEIT '15	Completed	$ 13,954		$ 13,954
					$ 4,658,415	$ 4,493,767	$ 150,694
	PHOSPHOROUS IMPROVEMENTS						
	Hopewell WWTP Phos. Removal		R	12/2020	$ 325,000	$ -	$ 325,000
	SUB-TOTAL				$ 325,000	$ -	$ 325,000
	SCHWING PUMP REPLACEMENT PROJECT						
	Design Of Dewatered Sludge Pumps	GHD	NJEIT '16	Completed	72,648	$ 72,648	$ -
	Schwing Pump Replacement CS	GHD	NJEIT '16	12/2017	31,919	$ 29,380	$ 2,539
16-1	Schwing Pumps replacement project construction	MBE Mark III Electric	NJEIT '16	12/2018	$ 3,556,757	$ 3,281,707	$ 275,050
	Permit/Waivers and Escrow fees	Princeton	NJEIT '16	Completed	$ 855	$ 855	$ -
	Schwing Pump Issue Costs-HD&W	Hawkins Delafield & Wood	NJEIT '16	12/2017	$ 32,500	$ 10,147	$ 22,353
	SUB-TOTAL				$ 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	$ 387,567	$ 440,753
	Estimated Total				$ 921,380	$ 479,437	$ 441,943

Contract No.	PROJECTS	Contractor/ Vendor	Funding Source	COMPLETION DATE	BUDGET	EXPENDED	BALANCE
	UPSTREAM PLANTS						
	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	$ 3,976,186	$ 100,674
	Design of Pennington WWTP upgrade	Kleinfelder	2012 B	03/2017	$ 727,180	$ 726,438	$ 742
	Construction Services	Kleinfelder	R	12/19	$ 576,380	$ 222,034	$ 354,346
17-1	Pennington Improvements-balance	CMS Construction	R	12/2019	$ 5,640,410		$ 5,640,410
					$ 11,175,830	$ 5,077,933	$ 6,097,897
	TOTAL CURRENT PROJECTS-FUNDED				$ 22,885,433	$ 13,889,100	$ 8,982,379
	PROJECTS - NOT FUNDED :						
	UPSTREAM PLANTS						
	Hopewell WWTP Improvements		NF	12/2019	$ 9,300,000	$ -	$ 9,300,000
					$ 9,300,000	$ -	$ 9,300,000
	FUTURE SMALL CAPITAL PROJECTS						
	Future Small Capital Projects -($600,000 per year)		NF	2019 to 2021	$ 2,400,000		$ 2,400,000
					$ 2,400,000	$ -	$ 2,400,000
	TOTAL PROJECTS-NOT FUNDED				$ 11,700,000	$ -	$ 11,700,000
	TOTAL PROJECTS				$ 34,585,433	$ -	$ 20,682,379

R=	Funded from Retained Earnings	R	$ 9,573,298	$ 1,144,697	$ 8,428,601
2012 B=	Funded from 2004 Bond Issue Proceeds; Refinanced in 2012	2012 B	$ 4,959,040	$ 4,855,899	$ 428,141
2015 NJEIT=	NJ Environmental Infrastructure Trust 2015	NJEIT '15	$ 4,658,415	$ 4,493,767	$ 150,694
2016 NJEIT=	NJ Environmental Infrastructure Trust 2016	NJEIT '16	$ 3,694,679	$ 3,394,736	$ 299,943
	Sub-Total- Funded Projects		$ 22,885,433	$ 13,889,100	$ 9,307,379
NF	Projects- Not Funded	NF	$ 11,700,000	$ -	$ 11,700,000
	Total Projects		$ 34,585,433	$ 13,889,100	$ 21,007,379

BUDGET CHANGES FROM PRIOR MONTH:

Contract #	Project Name	Contractor/ Vendor		Amount	Reason
19-1	Nitification Clarifier No. 2 Improvements Project	Iron Hill Construction	R	$228,000	Resolution # 2019-28

Current Funding Sources
Capital Projects
April 30, 2019

	Total	0002 2012 Bond Projects	0005 2010 NJEIT	0006 2015 NJEIT	0007 2016 NJEIT	0001 Other
Current Assets	$15,778,463	$1,412,707	$0	$150,694	$299,943	$13,915,118
Interfunds	$0					
Current Liabilities	($2,393,646)					($2,393,646)
Total Working Capital	$13,384,816	$1,412,707	$0	$150,694	$299,943	$11,521,472
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	$10,711,917	$1,412,707	$0	$150,694	$299,943	$8,846,013
Current Projects List- estimate	$9,307,379	$428,141	$0	$150,694	$299,943	$8,428,601
Balance of Funds Available as of April 30, 2019	$1,404,538	$984,566	$0	$0	$0	$417,412

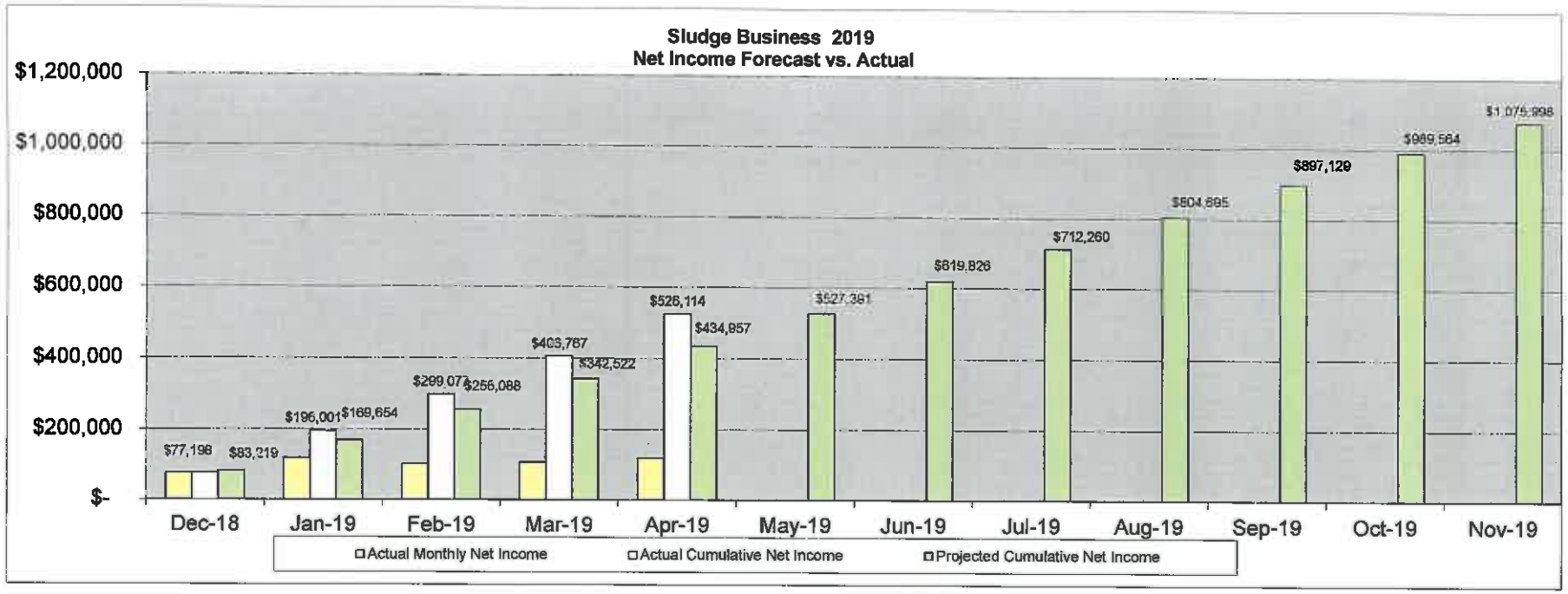
Summary of Outstanding Bond Issues

Bond Issue	Outstanding Balance April 30, 2019	March 31, 2019	Change From Prior Month	Weighted Average Coupon Rate
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%
	$ 17,577,119	$ 17,577,119	$ -	

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

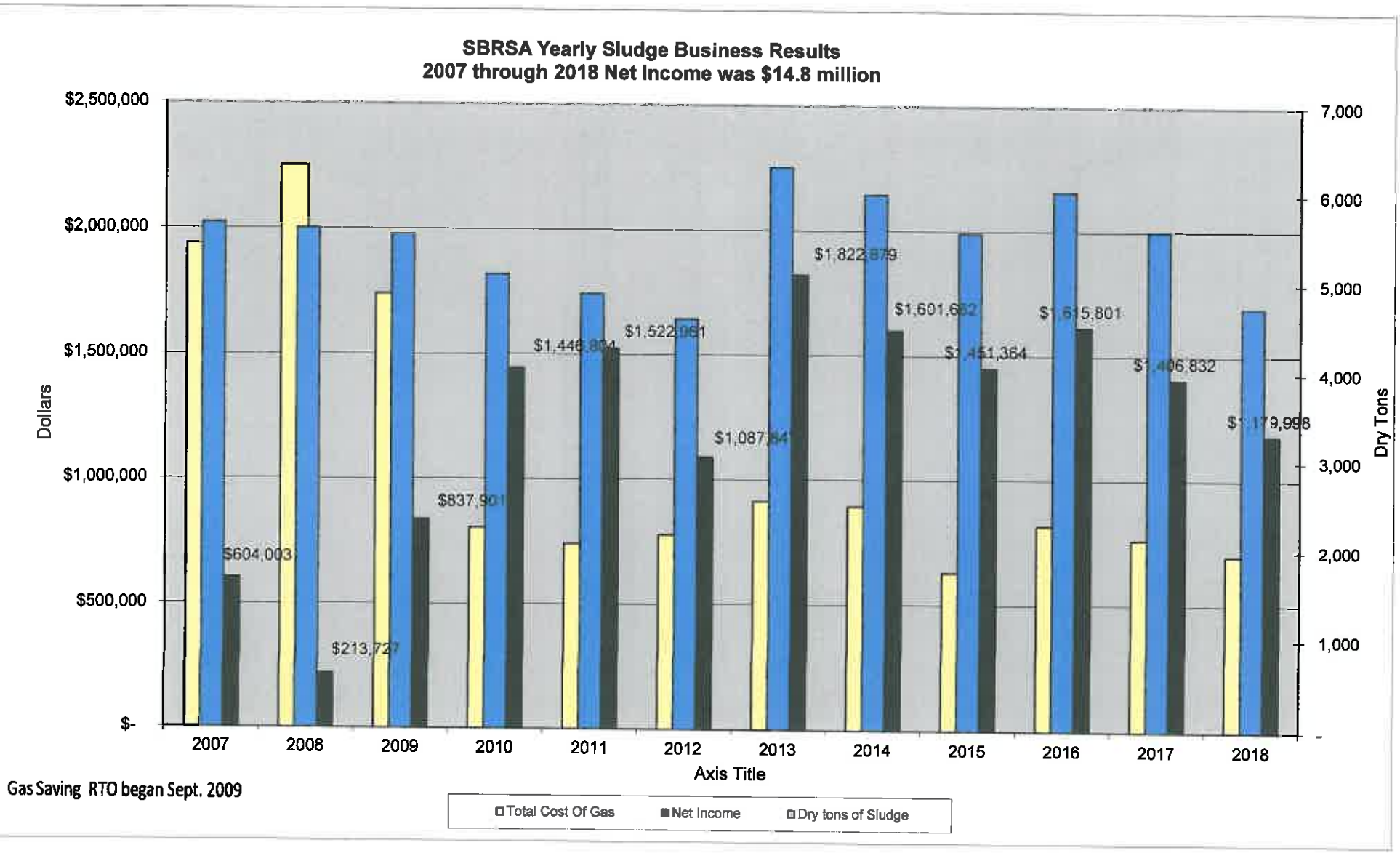
INTEREST RATE COMPARISON
November 2014 - April 2019

BID DATE	SBRSA HIGHEST BID REC'D	NO. DAYS	BANK	NJ CASH MANAGEMENT FUND AVG. YIELD
11/18/14	0.15	360	PNC	0.06
1/21/2015	0.15	360	PNC	0.07
2/19/2015	0.15	360	PNC	0.07
2/27/2015	0.20	360	1st Constitution Bank	0.07
4/22/2015	0.15	360	PNC	0.07
5/19/2015	0.20	365	1st Constitution Bank	0.07
07/08/2015	0.20	370	1st Constitution Bank	0.07
8/19/2015	0.25	370	1st Constitution Bank	0.10
9/11/2015	0.25	360	1st Constitution Bank	0.12
10/20/2015	0.25	360	1st Constitution Bank	0.13
12/17/2015	0.70	365	1st Constitution Bank	0.15
02/19/2016	0.15	360	PNC	0.15
3/24/2016	0.15	365	PNC	0.15
4/21/2016	0.15	365	PNC	0.15
5/18/2016	0.40	370	1st Constitution Bank	0.15
6/15/2016	0.15	365	PNC	0.15
07/08/2016	0.20	370	1st Constitution Bank	0.15
08/18/2016	0.15	365	PNC	0.15
09/21/2016	0.15	365	PNC	0.15
10/19/2016	0.15	365	PNC	0.15
11/10/2016	0.15	365	PNC	0.15
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



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	$ 121,038	$ 133,128	$ 131,491	$ 142,140	$ 154,346							
Liquid	$ 51,457	$ 70,400	$ 54,488	$ 59,152	$ 50,435							
Avoided Expenses	$ 129,317	$ 129,317	$ 129,317	$ 129,317	$ 129,317							
Total	$ 301,810	$ 332,845	$ 315,296	$ 330,609	$ 334,098	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Cumulative Total Revenue	**$ 301,810**	**$ 634,655**	**$ 949,951**	**$ 1,280,560**	**$ 1,614,658**							
Monthly Expenses												
Gas/Fuel	**$ 60,398**	**$ 55,817**	**$ 53,995**	**$ 65,333**	**$ 55,827**							
Electric	$ 29,153	$ 23,164	$ 23,164	$ 22,525	$ 23,863							
*Other**	$ 135,061	$ 135,061	$ 135,061	$ 135,061	$ 135,061							
Total	$ 224,612	$ 214,042	$ 212,220	$ 222,919	$ 214,751	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Cumulative Total Expenses	**$ 224,612**	**$ 438,654**	**$ 650,874**	**$ 873,793**	**$ 1,088,544**							
Actual Monthly Net Income	**$ 77,198**	**$ 118,803**	**$ 103,076**	**$ 107,690**	**$ 119,347**							
Actual Cumulative Net Income	**$ 77,198**	**$ 196,001**	**$ 299,077**	**$ 406,767**	**$ 526,114**							
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							
Up-Charge / Distribution / Tax	$ 1.92	$ 2.21	$ 2.32	$ 1.68	$ 2.62							
Total Actual Cost	**$ 6.05**	**$ 6.34**	**$ 6.45**	**$ 5.82**	**$ 6.76**							
Gas Useage Therms	99,802	87,956	83,676	112,299	82,620							



S:\ENGINEERING\Sludge Business Analysis\Sludge Business Results_ R. Bartolini\Net Income & Gas cost 2008 to 2018.xls

STONY BROOK REGIONAL SEWERAGE AUTHORITY

Personnel

PERSONNEL STAFFING REPORT
December 1, 2018 to May 20, 2019

New Hires	Position	Date
Walker, Lisa	Staff Accountant	03/04/2019
*Valiqutte, James	Operator VI	4/29/2019

In-House Transfers/ Promotions/(Demotions)	New Position	
Pchola, Antonia	Executive Director	01/01/2019
Lavenberg, Joseph	Mechanic IV	01/14/2019

Terminations/Resignations Retirements		
Kantorek, John	Executive Director (Retired)	12/31/2018
Waldron, Glen	Mechanic I (Retired)	01/18/2019

Leaves of Absence

Workers' Compensation

Summary as of May 20, 2019

Filled Positions (at Work)	48**
Leaves of Absence	0
Workers Compensation (out of work)	0
Vacancies	0
Total Authorized/Budget	48

* Action since last meeting.

**Includes partial year training for one (1) new employee who will directly or indirectly replace retiring employees

PERSONNEL TURNOVER REPORT
FISCAL YEARS 2015-2019

	ADMIN.	LAB	MAINT.	OPS.	ENG'G	TOTAL
2015						
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%
2016						
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%
2017						
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%
2018						
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%
2019						
AVERAGE NO. OF POSITIONS (12/01/18 -05/20/19)	6	3	10	20	9	48
NO. OF RESIGNATIONS / TERMINATIONS	1	0	1	0	0	2
% TURNOVER	16.7%	0.0%	10.0%	0.0%	0.0%	4.2%

No		STONY BROOK REGIONAL SEWERAGE AUTHORITY				
		EMPLOYEE ROSTER - UNION POSITIONS				
			May 20, 2019			
	DATE HIRED	NAME	POSITION	STATUS	LICENSE	HRLY. 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 II	FULL TIME, REG	NONE	$ 25.50
19	09/10/2012	DOBSON, PAUL	OPERATOR I	RULL 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	OPERATORVI	FULL TIME, REG	NONE	$ 21.14
27	05/07/2018	ALLEN, ANTHONY JR.	OPERATO 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	$ 31.33		$ 960.63

* 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

May 20, 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.	11/22/1999	Carlino, Patricia	Assistant Human Resources Manager
9	02/25/2002	Shurott-Pchola, Antonia F.	Executive Director
10.	02/25/2002	Bixby, Courtney B.	Assistant Manager of Engineering
11	08/23/2010	Stewart, Kyle	Assistant Manager of Operations, Engineering and Maintenance
12.	02/22/2016	Sears, Jonathan	Chief Financial Officer
13.	08/01/2016	Thomas, Matthew	IT Manager
14.	09/11/2017	Christiano, Angela	Bookkeeper
15.	10/01/2018	Doelling, Christopher	Manager of Engineering
16.	10/01/2018	Pizarro, Christopher	Project Engineer
17.	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

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

April 23, 2019

Mr. Paul Romberger
Regional Site Manager
Johnson & Johnson, CPC
Facilities & Services
199 Grandview Road
Skillman, New Jersey 08558-9418

Re: Continuation of Liquid Sludge Agreement

1. The agreement is extended per the rate indicated below.

   Contract for 2019 at a rate of $72.00 per thousand gallons.

2. All other terms and conditions of our original agreement and amendments remain the same.

STONY BROOK REGIONAL SEWERAGE AUTHORITY

Antonia Pchola, Secretary

Gale D. Downey, Chairman

Johnson & Johnson, CPC

Paul J Romberger
Site Manager

290 RIVER ROAD, PRINCETON, NEW JERSEY 08540 (609) 924-8881 FAX (609) 924-2857 WWW.SBRSA.ORG

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.

STONY BROOK REGIONAL SEWERAGE AUTHORITY

EXECUTIVE SESSION

Resolution Authorizing Closed Session
Pursuant to the Open Public Meetings Law

Resolution 2019-34
Dated: May 20, 2019

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.

MOVED:
SECONDED:
ADOPTED: May 20, 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 May 20, 2019.

_____
Antonia Pchola, Secretary

_____
Date