

December 1, 2014

The meeting was slightly delayed to allow for poor traffic conditions and was called to order at 7:14 PM by Commissioner Fred Vogel.

Pledge of Allegiance/Salute to the Flag
The Open Public Meetings Act was read.

Roll Call: Fred Vogel Chairman
Guy Pascarello Vice Chairman
George Schoenrock Assistant Secretary

Absent Maribel Anota, Jorge Cardenas, Amanda Neshiwat, Jennifer Modi (All Excused).
The Executive Director was not present due to medical reasons.

Also Present: Glenn Beckmeyer and John Napolitano

The minutes of the November 3, 2014 meeting were approved on a motion by G. Schoenrock, seconded by F. Vogel. Roll Call Vote: F. Vogel; Aye; G. Schoenrock, Aye; G. Pascarello Abstained. Approved 3-0-0.

There were no resolutions on the agenda for this meeting.

The December 2014 voucher list was moved on a motion by F. Vogel; seconded by G. Pascarello.



Voucher List for Meeting of December 01, 2014

Prepared: 11/25/14

| | | | | |
|----|---------------------------|----------|----------|---|
| 1 | Action Rubber | 94.92 | 2014-580 | Adaptors for Sump Pump & Hose |
| 2 | Air Group | 1,960.00 | 2014-590 | Service Agreement Renewal: 11/01/14-11/01/1 |
| 3 | Alpha Dog | 150.00 | 2014-615 | Monthly Maintenance & Monthly Hosting |
| 4 | Beckmeyer Engineering | 6,250.00 | 2014-639 | Engineering Services: November 2014 |
| 5 | Bellaqua | 107.55 | 2014-620 | Water |
| 6 | Cleary, Giacobbe, Alfieri | 3,877.12 | 2014-619 | Legal Services: October 2014 |
| 7 | Costco | 117.70 | 2014-640 | Membership Renewal |
| 8 | Emerald | 337.95 | 2014-605 | Grip XL Gloves |
| 9 | Ener-G Rudox | 270.00 | 2014-594 | Generator Repair @ Exchange Place Pump Sta |
| 10 | Fisher Scientific | 1,838.42 | 2014-518 | Lab supplies |
| 11 | Fisher Scientific | 753.50 | 2014-597 | Lab Supplies |
| 12 | Fisher Scientific | 211.80 | 2014-630 | Lab Supplies |

| | | | | | |
|---------------|---------------------------|-------------------|------|----------|---|
| 13 | Grainger | 98.34 | | 2014-600 | Winch Cable |
| 14 | Hudson Reporter | 1,013.80 | | 2014-575 | Public Announcement |
| 15 | Industrial Chem Labs | 1,167.61 | | 2014-540 | Degreaser |
| 16 | JCI Chemicals | 2,103.30 | | 2014-603 | Sodium Hypochlorite |
| 17 | L&L Mechanical | 14,800.00 | | 2014-561 | 12" PVC Bypass Piping Repair |
| 18 | Longo | 1,020.00 | | 2014-592 | Pump Replaced Pump#2 @ Castle Rd |
| 19 | Miracle Chemical | 1,611.75 | | 2014-593 | Sodium Bisulfite |
| 20 | Municipal Capital Finance | 164.77 | 8913 | 2014-612 | Copier Lease: Payment #17 11/2014 |
| 21 | One Call Concepts | 4.88 | | 2014-618 | Markouts |
| 22 | Precision | 95.00 | | 2014-578 | Repair on One Zoeller Pump |
| 23 | PSEG | 19,441.64 | 8914 | 2014-611 | Power: October 2014 |
| 24 | PVSC | 13,056.00 | | 2014-631 | Sludge Disposal:10/16/14-11/15/14 |
| 25 | QC Labs | 248.40 | | 2014-617 | Analytical Services: |
| 26 | R&D Trucking | 5,660.00 | | 2014-616 | Sludge Removal: 10/01/14-10/31/14 |
| 27 | Secaucus Home News | 410.00 | | 2014-574 | Public Announcement |
| 28 | Spectraserv | 3,440.00 | | 2014-621 | Monthly Container Charge |
| 29 | Staples | 160.48 | | 2014-595 | Office Supplies |
| 30 | State of NJ | 32,641.32 | | 2014-622 | Hospitalization: Active Employees |
| 31 | State of NJ | 1,146.90 | | 2014-623 | Hospitalization: Retiree Employees |
| 32 | Town of Secaucus | 1,521.40 | | 2014-614 | Dental Reimbursement: December 2014 |
| 33 | Town of Secaucus | 535.97 | | 2014-624 | New Computer & Monitor: Steve Bronowich |
| 34 | United Water | | | | Water: |
| 35 | Valmatic | 515.40 | | 2014-610 | Worm Gear Actuator |
| 36 | Verizon | 204.93 | | 2014-637 | Telephones |
| 37 | Verizon Wireless | 258.26 | | 2014-638 | Telephones |
| 38 | WEX Bank (Sunoco) | 598.01 | 8905 | 2014-598 | Fuel Oct. 2014 |
| TOTAL: | | 117,887.12 | | | |

NOTES: On voucher list 11/03/14 Line# 14 for Emerald Glove should have been 337.95 Freight was added after correct amount was pa

Roll call vote: F. Vogel, Aye. G. Schoenrock, Aye; G. Pascarello, Aye; Approved 3-0-0.

OLD BUSINESS: None

NEW BUSINESS: The engineer discussed receiving a call from the Executive Director to respond to an emergency 807- First Street for a sewer back-up. He made a call to J. Fletcher Creamer {Emergency Miscellaneous Sewer Contractor} who refused to respond unless a check in the amount of \$5,000 was presented for previous work (vehicles) that had been deleted from a payment made in July 2014. Mr. DeNicola (J.F.C.) also wanted assurance that any future emergency work invoiced would include the costs of pick-up and utility trucks. The Engineer requested that he fulfill the contractual obligation. Mr. DeNicola indicated that they would not respond unless the Authority agreed to his demand. The Engineer also has emails regarding this matter. Due the fact that J.F. Creamer refused to respond, Mr. Bigler contacted another

contractor who was authorized to perform the repair. Chairman Vogel inquired about a break in the line. The Superintendent showed photographs from a video taken in October when the camera was able to go through to the main with no break. Chairman Vogel inquired about penalties for J. Fletcher Creamer refusing the emergency work. Counsel replied that there were avenues built in the existing contract for them to dispute any denied claims. He suggested that the Authority terminate the contract due to this breach of the agreement. He stated that damages could be considered depending on costs for the other contractor. Additionally, J. Fletcher Creamer could be barred for bidding for the next three years. Chairman Vogel agreed we should proceed to terminate the contract.

**SECAUCUS MUNICIPAL UTILITIES AUTHORITY
ENGINEERS REPORT
FOR THE MONTH OF NOVEMBER 2014**

The following is a list of the main activities as provided by this office to the Authority for the above-mentioned month:

- Started Specifications and drawings to replace Primary Clarifier Tanks #4 and 5. Public bidding will be at the start of December 2013. Rapid Pump was the low bidder at \$321,050.00. Awaiting of additional information from Contractor. Rapid Pump was approved as contractor waiting on shop drawings. Received and started reviewing the shop drawings. Approved and returned shop drawings. Awaiting on equipment delivery and installation. Prepared Letter certifying the tanks work for refunding Delivery and installation is planned for the first part of July. Equipment has been delivered, pre-construction meeting was held and work started on Tank #5. Work started on Tank #5, almost complete except for scum pipe, misc concrete work and start up. Tank #5 is completed except the scum pipe. Tank #4 has been started with the demolition completed and equipment installation at about 50%. The Contractor has agreed to paint the motor shafts of Tank #3 when he returns to do Phase II. Contractor has cleaned and painted all the drive motor shafts. Tank #4 is completed. The contractor has also completed the installation of the scum pipes in tanks 3, 4 and 5. The startup has been completed in Tank#4. Adjustments will be required in scum pipes in Tank #3, 4 and 5. Additional work will be required on the scum pipe at the perimeter of Tank #2 and on the concrete tanks themselves at various locations. The proposal for the Scum Pipe on Tank #2 is for \$15,980.00. We are reviewing the proposals from the contractor on the Concrete work.
- The new Sanitary Sewer Service Vehicle enclosure has been constructed.. This office is researching the size of electric heaters to heat the facility to just above freezing temperature. I met with the electrician on a method to bring power to the enclosure. Reviewing the submittal. The contractor is preparing start the work to bring electricity and heat to the enclosure. The Heaters are installed, the staff is looking for ways to insulate the Building.
- Met with representative and reviewed specification for a new primary sludge transfer pump. Met with contractor over possible scope of work. Met with pump representative again to determine correct pump selection. Choose pump for replacement. Checking existing pipe modifications. Met with

another representative from WasteCorp. Waiting on the formal proposal from supplier. Received proposal and sent inquiries on same. Received revised proposal. The award was given to Coppolla for the installation, the SMUA has ordered the pump. Waiting on delivery.

- Starting reviewing specifications for new post aeration blowers. Also, reviewing the possibility of changing speed of blowers to reduce power consumption. It has been decided to leave the existing blowers but to adjust the speed to reduce energy costs.
- Received proposed plans for a small pump station and 1,170 lf. of 1.25" dia forcemain from the Frank R. Lautenberg Station to the SMUA gravity sewer in North Drive. Started review and requested further information. Received further information, but not all requested, and are reviewing. Received further information and in review process. Reviewing calculations on Hydrogen Sulfide production within the lengthy force main and determining if the hydrogen sulfide will affect the integrity and the odor of the sewer system and safety and wellness of the SMUA workers. Submitted engineer's review.
- Received and reviewed plans from Remington, Vernick & Arrango (RVA) concerning the Town's proposed storm water pipe upgrade on Golden Avenue. Concerns, from the SMUA, were submitted to the design engineer and were responded. Project revisions will be required. The SMUA will be attending the pre-construction meeting when it is notified and held. Met with contractor and RCA discussed replacing old sanitary sewer with new sanitary sewer during construction. New storm pipe will be within 18 inches off SMUA line, concern over damage of old pipe during trenching of new storm line. SMUA has agreed to fund the cost of the 24 inch pipe material only at this time. Cost of installation of new pvc sanitary will be part of the storm line project. Additional meeting were held with the Town Engineer concerning pipe location and storm infiltration onto the sanitary system. Attended two pre-construction meetings, as of now it appears the proposed work will be far enough away from our Sanitary line that replacement may not be necessary. Will continue to monitor. Contractor has started work. At this point, no issues have arisen concerning the SMUA system.
- Receiving quotes to supply and install four gate valves and two check valves at the Henry Street Pump Station to replace the existing. Requested JFC to submit a proposal for work. Waiting on proposals. Project on hold.
- Received and reviewing revised plans for 734 County Ave. Requested information and requirements for approval.
- Redesign concrete work for elevating sludge building opening to extend up beyond Mill Creek flood stage. Waiting on proposals. Work has been completed. Waiting on gates and doors to finish the project.
- Attended another meeting with the Hudson County Mitigation Plan in Kearny, NJ. SMUA to receive \$100,000 for the installation of a new generator to the bypass pumps and for the conversion of the existing generator to dual fuel. Starting looking into the Generator conversion to

N.G. and new Generator at bypass pump station. Contacting Gas Co. to see if gas supply is sufficient at our location and the method of bringing the supply to the generator. PS&S will be submitting the application of the proposed work for approval. I am still waiting on information from the manufacturer on the required gas supply and pressure required. Information received and submitted to PSEG for their investigation on supply availability.

- Reviewing application for MLB Network located at 40 Hartz Way. Submitted engineers review.
- Met representative with “Rent the Runway” about a new connection. Waiting on application and requested information. Received information on old water bills and plans, reviewing information.
- Started looking into a design to supply sanitary services to the Coast Guard Building. It will be proposed to install 350 gal holding tanks alongside the building to store wastewater until the SMUA can collect with the VacTruck. for disposal at the Koelle Blvd facility. Checking on NJMC and NJDEP permitting requirements. Will start investigating the proposal to install a gravity line from the new facility to the existing trunk line within Meadowlands Parkway.

Beckmeyer Engineering, P.C.
Glenn M. Beckmeyer, P.E.,P.P.,CME
Authority Engineer
November 25, 2014

OPERATIONS REPORT – November 2014
Submitted December 1, 2014

KOELLE BOULEVARD FACILITY

- 1) The estimated average daily flow for the month was 2.414 MGD. Maximum daily flow was 4.2859MG. Estimated Total Flow for the month was 72.4285 MG.
- 2) The Serpentine Tank was drained and cleaned.
- 3) Routine maintenance and grounds keeping was performed.
- 4) Electric service and lights were installed in the Jet Truck Garage by Rocitt Electric.
- 5) The Scum Pipe located between Primary Clarifiers two and three is in need of repair. Quotes for the repair are being generated.
- 6) The Garage door of the Jet Truck Garage was damaged during operation. Quotes for repair are being sought.
- 7) The boilers were serviced by Air Group Inc. Boilers are operational and are on.
- 8) The Grit Collector Panels are in need of repair. Management is discussing how to repair or replace the panels.
- 9) Primary Clarifier number one Idler arm and sprocket was replaced.
- 10) The bypass pipe was repaired by L&L construction.

When the pipe was tested it failed in another location. Discussion on how to proceed with the bypass pipe is ongoing.

10) Various interior stairways were painted throughout the plant.

PUMP STATION # 1 Village Place

- 1) The average daily flow for the month was not available at the time of this report.
- 2) All pumps cleaned and maintained on a regular basis.
- 3) Routine maintenance and grounds keeping was performed.

PUMP STATION # 2 Paterson Plank Road and Turnpike Exit

- 1) The average daily flow for the station was not available at the time of this report.
- 2) Routine maintenance and grounds keeping was performed.
- 3) The Station door and wet well concrete was painted.

PUMP STATION # 3 Henry Street

- 1) *The* average daily flow was not available at the time of this report.
- 2) Routine maintenance and grounds keeping was performed.

PUMP STATION # 4 New County Road and Seaview Drive

- 1) Routine maintenance was performed.

PUMP STATION # 5 Wilroy – Secaucus Road

- 1) This station is not in service. Grounds keeping were performed.

PUMP STATION # 6 Castle Road

- 1) Routine Maintenance and ground keeping were performed.
- 2) Pump Two malfunctioned and was replaced. The pump was taken out for repair. The pump is being rebuilt .

PUMP STATION #7 - Exchange Junction

- 1) Routine maintenance was performed.
- 2) The emergency alarm phone at the station is working.

COLLECTION SYSTEM:

- 1) Continued jetting & cleaning sewer lines. Assisted by DPW when cleaning catch basins.

- 2) Approximately 1,050 feet of Sanitary Sewer pipe was jetted and cleaned in the collection system. Then the Truck was sent to shop for repair of the hydraulic system.

Respectfully Submitted

Brian A. Beckmeyer Sr.
Superintendent

The superintendent inquired about a change order for primary clarifier #2. The Executive Director (not in attendance due to illness) was contacted by phone and verified the funds were available. Provisional approval for the change order for Primary Clarifier # 2, estimated at \$15,980, was given contingent upon the next meeting having a formal change order made by resolution. A motion was made by F. Vogel, seconded by G. Schoenrock. Roll call vote: F. Vogel, Aye. G. Schoenrock, Aye; G. Pascarello, Aye; Approved 3-0-0.

The superintendent discussed the insulation for the new building, and, that blanket roll out insulation was suggested by the engineer. This is a work in progress.

CharimanVogel inquired about the damages to the garage door. There was a discussion of ways to prevent this from occurring again. Commissioner Pascarello said he would defer to whatever the engineer recommends.

The superintendent discussed a second hydraulic problem with the Jet-truck. Commissioner Schoenrock inquired about warranty. Chairman Vogel suggests we inquire recalls, and, speak with other utilities authorities to see if they have similar issues.

LEGAL: Legal counsel said all items had been discussed thought the meeting.

There being no further business, a motion was made to adjourn the meeting at 8:05 p.m. by G. Schoenrock, seconded by F. Vogel. All in Favor 3-0-0.