

March 5, 2019

Minutes of the scheduled meeting of the Secaucus Municipal Utilities Authority held on Tuesday, March 05, 2019 at 7:00 PM in Conference Room, 1100 Koelle Boulevard, Secaucus, New Jersey 07094. The meeting was called to order at 7:00 PM by Jorge Cardenas.

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

Roll Call: Jorge Cardenas Vice- Chairman
 George Schoenrock Secretary
 Dominic Manderano Board Member

Absent: Fred Vogel, Chairman (Excused); Ray Spellmeyer (Excused)

Also Present: John Napolitano, Counsel; Glenn Beckmeyer, Engineer; Katherine Acevedo QPA.

The minutes of the February 05, 2019 meeting (including Public Hearing) were approved on a motion made by G. Schoenrock, second by J Cardenas. All in favor: 3-0-0.

Voucher List was moved on a motion made by G. Schoenrock, seconded by D. Manderano. All in Favor 3-0-0.

The Voucher List is as follows:



Voucher List for Meeting of March 05, 2019

Prepared: 02/25/19

NUMBER	COMPANY	MONEY	PO#	REASON
1	Atlantic Office	1,038.08	2019-115	Copy Kit Fee 4/1/18 to 12/31/18
2	Beckmeyer Engineering	6,250.00	2019-094	Engineering Services: Feb 2019
3	Bellaqua	215.40	2019-079	Water
4	Better Security Products	125.00	2019-075	Flush Bolt adjustment on Door Lock main Bldg
5	Better Security Products	220.00	2019-100	Lever Lock for Lab
6	Better Security Products	125.00	2019-104	New Lock Grit Bldg
7	Clean Waters, Inc.	1,275.46	2019-030	Polymer

8	Cleary, Giacobbe, Alfieri	4,300.00	2019-109	Legal Services: 01/01/19 to 01/31/19
9	Coastal Tech Sales	2,710.00	2019-091	Remove and Install Boss Fitting
10	Comcast	187.97	2019-074	Internet Services: 02/02/19 to 03/01/19
11	Constellation NewEnergy	2,925.11	2019-092	Power: Sub Stations 12/29/18 to 01/29/19
12	Dubows Auto	797.10	2019-077	Repair To Chevy Pick-Up
13	Eurofins	41.00	2019-110	Analytical Services: Distilled Water 2/7/19
14	Eurofins	368.00	2019-111	Analytical Services: Sludge Comp 24 1/10/19
15	Fisher Scientific	16.56	2019-053	Lab Supplies
16	Fisher Scientific	300.12	2019-065	Lab Supplies
17	Flanagan DBA Gov Sites	100.00	2019-018	Monthly Maintenance Fee 2/2019
18	Grainger	493.14	2019-069	Maintenance Supplies:02/19
19	Hach	117.57	2019-098	Lab Supplies
20	Home Depot	235.13	2019-068	Maintenance Supplies: 02/19
21	Jersey Journal	55.30	2019-080	Legal Ad: 1/30/19
22	NJUA-JIF	63,620.00	2019-083	2nd Installment Insurance 5/15/19
23	Miracle Chemical	869.00	2019-054	Sodium Bisulfite
24	Miracle Chemical	1,580.00	2019-078	Sodium Bisulfite
25	Miracle Chemical	1,890.00	2019-088	Sodium Hypochlorite
26	Nassor Electric	123.68	2018-737	Lamp Bulbs, Fuse Block, Receptacle Cover
27	Nassor Electric	2,310.25	2019-087	Explosion Proof Lights
28	One Call	12.86	2019-081	Mark outs (8)
29	PSE&G	1,361.38	2019-093	Power: Sub Stations 12/28/18 to 01/29/19
30	PVSC	8,064.00	2019-101	Sludge Disposal: 12/16/18 to 01/15/19
31	SHI	899.55	2019-059	Office Computer
32	Shred-it	130.00	2019-072	Destruction of Obsolete Archive Documents

33	Spectraserv	3,900.00	2019-107	Monthly Container Charge: Grit/Screenings 01/19
34	Spectraserv	3,847.20	2019-108	Sludge Removal: 01/02/19 to 01/30/19
35	Staples	40.62	2018-064	Office Supplies
36	State of NJ	35,915.55	2019-070	Hospitalization: Active Employees:02/2019
37	State of NJ- PERS	199,234.00	2019-082	Annual Employers Appropriation
38	Suez Water NJ	1,773.20	2019-073	Water 01/16/19 to 02/17/19
39	Town of Secaucus	1,589.26	2019-071	Dental Reimbursement: March 2019
40	Town of Secaucus	2,761.38	2019-114	Fuel Reimbursement for 2018
41	Treasurer- State NJ	1,267.00	2019-112	Air Permit: NJEMS Bill ID#000000192500100
42	Treasurer- State NJ	1,267.00	2019-113	Air Permit: NJEMS Bill ID#000000192499700
43	Union Auto Parts	75.00	2019-102	Wiper Blades
44	Verizon	303.34	2019-067	Telephones 01/19/19 to 02/18/19
45	Verizon Wireless	256.05	2019-105	Telephones: 01/13/18 to 02/12/19
46	Waste Corp	712.77	2018-709	Kevlar Packing with U-cup Seal Sludge Pump
47	WinCan LLC	1,748.00	2019-063	Annual Software Support
48	WEX Bank (Sunoco)	579.64	2019-090	Fuel: Jan. 2019
TOTAL:		358,026.67		

The voucher list was then approved by Roll Call vote: G. Schoenrock, Aye; J. Cardenas, Aye; D. Manderano, Aye: 3-0-0.

New Business:

Old Business:

Legal: None

**Report of the Executive Director
February 2019 {submitted March1, 2019}**

- We continue to monitor the sewers in low lying areas for cleaning & inspection. There were ten different CCTV jobs performed.

- Met with Town Counsel & Administrator regarding the enforcement of grease traps. This enforcement d=would fall directly on the Health Department.
- The Final NJPDES Permit has been received. The Authority has formally requested an adjudicatory hearing. The SMUA has received a Stay on permit limitations for Chlorine Produced Oxidants (formerly chlorine residual) and Copper. Nothing further to report at this time.
- SCADA: Keystone onsite to establish what existing wiring is usable for the proposed SCADA system. Staff was here twice last month & twice this month
- Harmon Cove Condos: As reported at the January 15th meeting, Harmon Cove has been issued a Notice of Violation from NJDEP for not having a Collection System Operator and for discharging sewerage to the surface waters of New Jersey. This Proves that this system **is** privately-owned and it is the responsibility of HCC to properly maintain this system.
- Spoke with Victor Paparazzo regarding violations due to discharges from Toscana Cheese. He stated that he would pay for the cost of clean-up and repair to this station from damages caused by his operation. No funds received for the Notices of Violations as of this writing. SMUA Engineer had another site visit (at Mr. Paparazzo's request). Town construction official and plumbing sub-code official also met with Toscana, again at Mr. Paparazzo's request, and issued a violation for not pulling **ANY** permits and a stop work order. I have kept staff & counsel informed.
- Had several meetings with Mayor, Town Administrator, Town Counsel, our Risk Manager and Authority Counsel. At the last meeting, it was decided to submit the claims to the Towns Insurance, due to mitigating facts that have arisen out of our investigations. Nothing further to report. However still getting calls from residents about claims.

SECAUCUS MUNICIPAL UTILITIES AUTHORITY ENGINEERS REPORT FEBRUARY 2019

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

- Dual Fuel Generator. (This project narrative has been reduced, reference prior months reports for information) The unit has been completed and the unit is operational utilizing 55% N.G., this should extend the generator run time from approximately 3.5 days to 8.8 days considering a full 2,500-gallon diesel tank. Payment is conditional on Centrica receiving a diagnosis program from the manufacturer. Information from the contractor on the program is being reviewed. Project has been completed. There has been a fault to two vibration sensors. Waiting for replacement of sensors, recalibration and location by the manufacturer. Reviewing a letter sent from the manufacturer concerning the quantity of the vibration sensors.
- The Sanitary Sewer Maps are being updated when new or revised information is received by this office. Produced copies of reduced sized map sets for use in the Sewer Video truck and the Jetvac truck. Constant updating.
- SCADA. In January 2018, the SMUA started negotiations with contractors. After lengthy negotiations with two contractors, a recommendation to enter into contract with Keystone Engineering Group in the amount of \$260,300.00 for the WWTP and

\$233,000.00 for the Satellite Pumping Stations for the coordination, design, and installation of the SCADA System for the SMUA. The total amount, \$493,300.00 is less than the requested ceiling of \$575,000 as approved by the commissioners during the January 2018 commissioners meeting, therefore the Executive Director has authority to award the project. The project has been awarded to Keystone Engineering Group. A status email has been sent to the contractor for an update. Contractor's electricians have been to the site two times to trace existing wiring of the controls. Contractor's electricians have been to the site at least two more times to trace existing wiring of the controls.

- Reviewed Koelle Blvd. Pump Station Panel "Motor Saver Module" for the possible replacement, upgrade or removal of same. Checking for redundancies within the systems. A proposal to add a bypass switch/key to allow the pumps to operate during a motor saver malfunction or trip is being reviewed for practicality. Additional information has been requested by the panel supplier on the logic and engineering or the panel. Additional information on the ATS was submitted for comparison.
- Received and started a review on a pump station flow meter report for the Exchange Place Pump Station. This report is supposed to analyze the existing flows of the pump station and the amount of unused capacity with regards to the remaining build out of the project. Analyzing data. Submitted new pump data and force main drawings to engineer to re-analyze flow and pump data. A response has not yet been received by the engineer. Another request has been sent. A third request has been sent.
- Received and started a review raw pump station flow meter data for a report for the Turnpike Pump Station. This report is supposed to analyze the existing flows of the pump station and the amount of capacity with regards existing pumps and the areas where the flow has increased drastically. Analyzing data. Different scenarios on the type of force mains sizes and quantities are being analyzed.
- Continuing to receive discharge Violations from Toscana Cheese, therefore, this office had issued the following "Notice of Violations": \$55,000 on October 15, 2018, \$15,000 on October 26, 2018, and \$20,000 on November 19, 2018. New "Notice of Violations" was sent on December 10, 2018 in the amount of \$10,000, December 31, 2018 in the amount of \$30,000, and on January 28, 2019 in the amount of \$10,000 thus bringing the recent Violations to a Total of \$210,000. Visited the site to review the progress of the facility's upgrades. Waiting for a "Change of Use" application which is to be submitted to the NJSEA.
- The Town is construction a new athletic center on Meadowlands Parkway on the old Panasonic property. The proposed building is located above the SMUA's 30 inch trunk sewer that collects the entire industrial portion of the town. The town and their design engineers are requesting that approximately 375 lin.ft. of pipe be relocated to accommodate this new facility. I meet with the design team and Town and have requested further information for review. The Town rescinded their request for the relocation of the 30 inch trunk sewer. The SMUA therefore requested that the new facility not be within 20 feet from the SMUA trunk sewer. The SMUA also requested that the piled foundation be pre-augered for the initial 10 feet before driving operations are initiated. The Town has not replied to our request. This is the last month this item will be listed unless the SMUA is approached again. If the project re-appears in a later date, the project will once again appear.
- Supplying a sanitary sewer map for the Hudson County Planning Department.

- Sam's Club is planning to repair underground utility lines and has requested to pump encountered ground water into the sanitary system. We have reviewed the design on the screening and filtering system and find no issues with such. We have also been to the site to inspect the installation, but as of now, the installation is not complete. They will be paying a fee for this operation to the SMUA. The installation was completed and the acceptance of groundwater was initiated. This process is on going and will be monitored
- Started Sanitary Sewer Connection review and report for Poke Bros Restaurant located at Block 227, Lot 5.0306, 700 Plaza Drive.
- Started review of requested information for the EPA.
- Started roof inspection for the futures replacement of Pump Station #2&3 building at the Koelle Blvd. Facility.
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Beckmeyer Engineering, P.C.

Glenn M. Beckmeyer, P.E.,P.P.,CME

Authority Engineer

February 28, 2019

**OPERATIONS REPORT – February 2019
Submitted March 5, 2019**

KOELLE BOULEVARD FACILITY

- 1) The average estimated daily flow for the month was 3.1569 MGD. Maximum daily flow was 4.6554 M.G.; the estimated total flow for the month was 87.6178 MG.
- 2) New feed tubing was installed for Chlorine pump number 2.
- 3) The chain shroud on the drive unit of the Sludge Thickening Tank was adjusted.
- 4) A new handle was installed on the northeast door of the Grit Building.
- 5) The east door latch of the Laboratory was repaired by Better Security Locksmith.
- 6) Keystone Engineering was on site again to trace wires for the S.C.A.D.A. Project.
- 7) The stairway leading to the lower level of the Grit Building was painted yellow.
- 8) Routine maintenance and grounds keeping were performed.
- 9) The Serpentine tank was drained and cleaned.
- 10) The Plant Emergency Generator was tested.
- 11) Light fixtures throughout the Plant need to be replaced. The Authority Electrician is generating quotes to replace the Lights.
- 12) The Authority Electrician started to replace explosion proof lights in Pump Station Number One wet well. A problem occurred with the installation. The Electrician is investigating a solution.
- 13) The Bulkhead valve located on the Sodium Hypochlorite tank was replaced. Coastal Technical Inc. did the replacement.
- 14) The interior sides of the Garage doors in the Grit Building were painted yellow.

- 15) The Authority received the 2019 Annual Safety Incentive Award from the New Jersey Utilities Authority Joint Insurance Fund.
- 16) A new rain Gauge was installed at the Secondary Clarifiers.
- 17) New 3-inch P.V.C. drain pipe was installed at the Rag Press in the Grit Building.

PUMP STATION # 1 Village Place

- 1) The estimated average daily flow was 1.214 MGD.
- 2) All pumps cleaned and maintained on a regular basis.
- 3) Routine maintenance and grounds keeping were performed.
- 4) A new unit heater was installed on the main level.

PUMP STATION # 2 Paterson Plank Road and Turnpike Exit

- 1) The estimated average daily flow was 75,003 gallons per day.
- 2) Routine maintenance and grounds keeping were performed.
- 3) Pump Number two was air bound and not pumping. Maintenance was completed, and pump is functioning.

PUMP STATION # 3 Henry Street

- 1) The estimated average daily flow was 50,139 gallons per day.
- 2) Routine maintenance and grounds keeping were 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) The estimated average daily flow was 20,018 gallons per day.
- 2) Routine Maintenance and grounds keeping were performed.

PUMP STATION #7 - Exchange Junction

- 1) Routine maintenance was performed.

COLLECTION SYSTEM: The Authority jetted and cleaned approximately 7,770 feet of sanitary sewer, also assisted the Secaucus Department of Public Works in cleaning various catch basins.

Respectfully Submitted

Brian A. Beckmeyer Sr.
Superintendent

A motion was made by D. Manderano at 7:20 p.m., seconded by J. Cardenas to adjourn the meeting. All in Favor: 3-0-0.