

July 10, 2018

Minutes of a meeting of the Secaucus Municipal Utilities Authority held on Tuesday, July 10, 2018 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 Fred Vogel.

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

Roll Call: Fred Vogel Chairman
Jorge Cardenas Vice- Chairman
George Schoenrock Secretary
Ray Spellmeyer Commissioner

Absent: Mark Moloughney (Excused)

Also Present: John Napolitano, Counsel; Paul Kokosinski, Beckmeyer Engineering; Katherine Acevedo, QPA.

The minutes of the June 05, 2018 meeting were approved on a motion made by G. Schoenrock, second by J. Cardenas. All in favor: 4-0-0.

Voucher List was moved on a motion made by F. Vogel, seconded by R. Spellmeyer.

Voucher List as follows:



Voucher List for Meeting of July 10, 2018

Prepared: 06/25/18

NUMBER	COMPANY	MONEY	PO#	REASON
1	Accent Control Systems	843.67	2018-333	Transmitters for Odor Control
2	Beckmeyer Engineering	6,250.00	2018-344	Engineering Services: June 2018
3	Bellaqua	173.15	2018-373	Water
4	Bio Triad Environmental	1,632.00	2018-320	Odor Control & Degreaser
5	Clean Waters	1,737.94	2018-327	Polymer for the Wet Well
6	Cleary, Giacobbe, Alfieri	4,277.00	2018-393	Legal Services: 05/01/18 to 05/31/18
7	Cleary, Giacobbe, Alfieri	1,239.50	2018-374	Litigation:5/8/18 to 5/31/18
8	Comcast	180.99	2018-347	Internet Services: 06/02/18 to 07/01/18
9	Constellation NewEnergy	1,312.17	2018-381	Power Remote Stations: 05/01/2018 to 5/30/20
10	Corvelli Air Duct Services	1,800.00	2018-285	Inspect & Clean Air Vents Admin Bldg
11	Divita Balance	265.00	2018-361	Annual Calibration of Analytical Balance

12	Emerald Pro Stat	254.95	2018-352	3 Boxes X- L Grip Gloves
13	Eurofins	199.50	2018-351	Analytical Services: Composite/Effluent Grab 5
14	Eurofins	271.50	2018-375	Analytical Services: Annual Distilled Water 5/1
15	Eurofins	63.00	2018-379	Analytical Services:Distilled Water 6/08/18
16	Excell Feeders, Inc.	249.01	2018-355	Repair Kit for Polymer Feed System
17	Ferguson Enterprises	36.76	2018-386	Light Pole Brackets
18	Fisher Scientific	398.88	2018-359	Lab Supplies
19	Flanagan Productions	600.00	2018-350	Web Site Bi Annual Payment
20	GLEC	476.48	2018-389	NJHDG Consulting
21	Gage-It, Inc.	171.62	2018-309	Back Flow Kit and Repair
22	General Carbon Corp	123.81	2018-316	Carbon for Odor Control Cannisters Xchange
23	GPANJ	200.00	2018-366	Membership Dues: BB1 & KA
24	Grainger	12.38	2018-319	Steel Rivet
25	Grainger	600.24	2018-364	Stainless Steel Cable for PS# 2&3
26	Home Depot	2.27	2018-317	Eye Bolt
27	Home Depot	27.97	2018-288	Maintenance Supplies
28	Home Depot	4.56	2018-305	Screen Spline
29	Home Depot	55.19	2018-310	Maintenance Supplies
30	Jersey Journal	200.95	2018-354	Legal Ads: Synopsis of Audit 2017
31	K-H Machine Works	55.00	2018-369	Sump Pump Base Modification PS#1
32	MS&B	150.50	2018-390	Professional Services: 5/31/18
33	McMaster-Carr	326.36	2018-339	Strike Mixer
34	Miracle Chemical	1,580.00	2018-331	Sodium Bisulfite
35	Miracle Chemical	1,422.00	2018-358	Sodium Bisulfite
36	Miracle Chemical	1,908.90	2018-357	Sodium Hypochlorite
37	Miracle Chemical	2,140.00	2018-322	Sodium Hypochlorite
38	Municipal Capital Finance	164.77	2018-345	Copier Lease: Payment# 60 Last Payment
39	Nassor Electrical Supply	58.05	2018-321	Relay for Grit Collector
40	One Call Concepts	8.75	2018-349	Mark outs:(7)
41	Pierce Eagle Equipment	24.88	2018-362	Vent Cap for Jet Truck
42	Pierce Eagle Equipment	309.37	2018-363	Hose Reel Swivel for Jet Truck
43	Pitney Bowes	117.00	2018-388	Postage Meter Rental Fee: 7/1/18 to 9/30/18
44	Power Place	68.80	2018-325	John Deere Mower Blade
45	Process Equipment	892.13	2018-276	Repair Kits for Chlorine Pumps
46	PS&S	3,734.56	2018-391	Professional Services: May 2018
47	PSE&G	17,503.92	2018-299	Power: April 2018
48	PSE&G	3,054.35	2018-367	Power: May 2018
49	PVSC	10,752.00	2018-377	Sludge Disposal: 04/16/18 to 5/15/18
50	Pumping Services	26,444.20	2018-194	Replacement Pump Back-up for Xchange PS #
51	Purchase Power	320.99	2018-348	Postage: 5/25/18
52	Rapid Pump & Meter	4,480.00	2018-264	Check Valve Replacement Henry Pump Station
53	Sage	1,641.18	2018-370	Annual Renewal 8/1/18 to 7/31/19
54	Shred-It	85.00	2018-382	Document Destruction

55	Spectraserv	3,900.00	2018-376	Monthly Container Charge: Grit/Screenings 5/
56	Spectraserv	5,450.20	2018-392	Sludge Removal: 5/02/18 to 5/30/18
57	Staples	268.00	2018-365	Office Supplies
58	State of NJ	33,274.07	2018-341	Hospitalization: Active Employees:06/18
59	State of NJ	1,363.26	2018-342	Hospitalization: Retiree Employees: 07/18
60	Suez Water NJ	1,675.41	2018-385	Water 05/17/18 to 06/18/18
61	Town of Secaucus	1,630.48	2018-343	Dental Reimbursement: July 2018
62	Treasurer- State of NJ	33,719.77	2018-371	Final Effluent Discharge Permit
63	USA Blue Book	1,117.54	2018-360	Odor Blocks for Grit Building
64	Verizon	270.21	2018-368	Telephones 05/19/18 to 06/18/18
65	Verizon Wireless	255.19	2018-378	Telephones: 05/13/18 to 06/12/18
66	WEF	273.00	2018-372	Annual Membership Renewal: BB1, JM & JP
67	WEX Bank (Sunoco)	612.50	2018-340	Fuel: May 2018
TOTAL:		184,712.83		

The voucher list was then approved by Roll Call vote: R. Spellmeyer, Aye; G. Shoenrock, Aye; J. Cardenas, Aye; F. Vogel, Aye: 4-0-0.

New Business: None

Old Business: None

**Report of the Executive Director
June 2018 {submitted July 3, 2018}**

- This unit is up and running. Diesel/natural gas mix is approximately 60:40 ratio.
- The Authority continues to monitor the sewers in low lying areas for cleaning & inspection.
- The Final NJPDES Permit has been received. The Authority has formally requested an adjudicatory hearing. Nothing further to report at this time.
- The challenge to the change in use fee is with legal. No action to report this month.
- Contacted Cascino Engineering re: the final report on Xchange flow data. He is going to get back to me by the end of the month.
- SCADA: No further action to report I will be contacting Keystone; who submitted the lowest proposal to negotiate further.

- The case manager indicated that this privately-owned collection requires a licensed operator, the DEP is notifying the associations that they will be responsible to hire a system operator.
- Sent Toscana Cheese has paid a fine for a pH violation and has been notified that future fines will be forthcoming if no remedial action is taken to eliminate these discharges to the SMUA collection system.
- The contract to monitor the flow at PS#2 (Turnpike & Paterson Plank Road). Is ongoing and a report will be filed when data is submitted.
- Met with Verizon to establish cellular service to all remote pumping stations.
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**SECAUCUS MUNICIPAL UTILITIES AUTHORITY
ENGINEERS REPORT JUNE 2018**

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 piping has been completed and the two new regulators have been installed and pressure tested. The system has been turned on by PSEG. We are waiting for the technician from the manufacturer to arrive to balance the system for operation. Start up occurred and the system operated. The contractor still needs to return to install a new circuit board for the panel and a new low volt power transformer. A punch list is being developed and the contractor will need to complete the punch list to close out the project. The new circuit board did not solve the issue. We are waiting on the contractor to submit a solution. A notice is being sent to the contractor notifying them that if they jeopardize the grant funding, then will be held responsible. A part is to be arriving at the site on July 2 for installation. The rest of the punch list items are completed
- Contacted Tax Department to ascertain new tax maps for use by the Authority for facilities inventory. Meeting never occurred. Beckmeyer Engineer has submitted a proposal to the SMUA for re-creating the Sanitary Sewer Map with updated sewer serving areas. This office will purchase the required utility layers and produce required maps. Recently received information form NJSEA and currently piecing the files together. Requested NJSEA to reformat material sent for compatibility to our software. Putting the files together on the Service Maps. Checking on proper manhole and pipe run locations. Work is continuing on map preparation. Received as-built Cad files on Exchange Place from McCutcheon surveyors and are incorporating them into maps. Additional information is required from the Seaview PS to the area of the Water Tower. A portion of this area was revised during the addition of the TP exit project. Plans are being updated when new or revised information is received.
- Met with representatives for the proposed Hudson County Technical School to be located on New County Road. Produced estimated flow letter for the Authority and Applicant. Prepared technical review. Attended the force main pre-construction meeting. Went to

site for connection into the SMUA system, however, the construction was postponed that day due to expectant inclement weather. The installation came upon an unknown water line. The engineer requested a change of their installation, the SMUA sent back an alternative that would put less burden on the SMUA. Went to site to observe installation, requesting as-built plans from contractor. As-built plans will be submitted by the contractor when surveyor performs final project as-built.

- Started the SCADA project plans and specifications Continued the work on the specifications for this project. Bid documents will be ready for public advertisement and public pick-up on November 3, 2017 with a pre-bid meeting to be held on November 8, 2017. Bids will be publically opened on November 28, 2017. No bidders submitted. Therefore, the SMUA will need to re -advertise again for a bid opening in December for awarding at the January meeting. No one bid on the rebid, therefore, by NJ State law, the SMUA is allowed to negotiate a contract with a contractor. We have started the process with two contractors. We have met with both and will be receiving their proposals on February 15, 2018 at 10 am. We also traveled to Wallkill NY WWTP to look at a similar SCADA installation there. Negotiations were started and costs were delivered. Questions and clarifications are being sought from the Contractors concerning their proposals. We are constantly looking for new contractors whom may want to bid this project. Received other specification information that may assist in the clarification of the received bids.
- The SMUA has received a change of use at the old Cinelli recycling facility on Secaucus Rd. by Hudson County Motors. Requested additional drawings, review to follow. The engineer's review was completed and distributed to the applicant. The applicant is challenging the increase flow connection costs.
- Reviewed Koelle Blvd. Pump Station Panel "Motor Saver Module" for the possible replacement, upgrade or removal of same. Checking for redundancies within the systems. Contacting panel manufacturer representative for information. Re-contacted panel representative.
- Checking on the specifications for approving a bid for 2 new check valves at the Henry Street Pump Station. Presently being installed. Check Valves have been installed.
- Started plans and specifications for the replacement of certain sections of the Minnie Place sanitary sewer, on the north and south section from Pandolfi Ct. to go out for public bid. This is to repair the sewer before the Town paves the road this August. Met with 2 contractors to get quotes because it is not believed the cost will require public bidding. The project was awarded to Persistent const, whose bid was approximately \$40,000 less the next bidder.
- Started researching for the replacement of the Odor Control Panels. Spoke with consultant familiar with this panel. Also, checked on an updated Ph/Ord transmitter, the existing one has failed and the model is not made any longer. Received one quote and waiting on a quote for the panel replacement.
- Reviewing an invoice from the emergency contractor for work on two manhole frames and covers on Meadowlands Parkway. Requested additional information from contractor for clarification on invoice

- Reviewing proposal for new transducer at the turnpike pump station to replace the bubbler system. The new unit will be a submersible hydrostatic level transducer.

Beckmeyer Engineering, P.C.
Glenn M. Beckmeyer, P.E.,P.P.,CME
Authority Engineer
June 29, 2018

OPERATIONS REPORT – June 2018
Submitted July 10, 2018

KOELLE BOULEVARD FACILITY

- 1) The average daily flow for the month was 2.7774 MGD. Maximum daily flow was 4.4703 M.G.; the total flow for the month was 83.2167 MG.
- 2) C.N.A. Risk Control conducted an inspection of the Plant's Boilers.
- 3) The Dual Fuel Generator was tested and is in operation.
- 4) A new O.R.P. transmitter was installed in Odor Control Unit Number One.
- 5) A new Flyght pump was delivered to the Plant. This is a backup Pump for Pump Station Number One.
- 6) The Plant Effluent Box was cleaned with the power washer.
- 7) The door on the north side of the Sodium Bisulfite Building was repaired.
- 8) Wear shoes were replaced on the Sludge Collectors located in Primary Clarifier number four.
- 9) Routine maintenance and grounds keeping were performed.
- 10) The Serpentine tank was drained and cleaned.
- 11) A new wind sock was placed on the Primary Clarifiers.
- 12) The valve actuator was repaired on the Influent Valve of Primary Clarifier number five.
- 13) All weirs of the Secondary Clarifiers were cleaned with the power washer.
- 14) The Laboratory Audit response was approved by the N.J.D.E.P.

PUMP STATION # 1 Village Place

- 1) The estimated average daily flow was 1.091 M.G.D.
- 2) All pumps cleaned and maintained on a regular basis.
- 3) Routine maintenance and grounds keeping were performed.
Landscaping was performed on all trees and shrubs.
- 4) The Sump Pump was reinstalled and is operating.

PUMP STATION # 2 Paterson Plank Road and Turnpike Exit

- 1) The estimated average daily flow was 86,911 G.P.D.
- 2) Routine maintenance and grounds keeping were performed.
- 3) Grease was cleaned from the influent pipe.
- 4) The station phone was repaired by Verizon.
- 5) The retrieval cable for the rag basket has been attached permanently for safety concerns.
- 6) The Bubbler Level Control System was repaired.

PUMP STATION # 3 Henry Street

- 1) The average daily flow was 36,647 G.P.D.
- 2) Routine maintenance and grounds keeping were performed.
- 3) The retrieval cable for the rag basket has been attached permanently for safety concerns.

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 average daily flow was 22,859 G.P.D.
- 2) Routine Maintenance and grounds keeping were performed.

PUMP STATION #7 - Exchange Junction

- 1) Routine maintenance was performed.
- 2) A new Flyght pump has been delivered. This a backup pump for the station.

COLLECTION SYSTEM: The Authority jetted and cleaned approximately 6,420 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 to adjourn the meeting at 7:12 by G. Schoenrock; seconded by F. Vogel. All in Favor: 4-0-0.