

May 7, 2019

Minutes of the scheduled meeting of the Secaucus Municipal Utilities Authority held on Tuesday, May 07, 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 Chairman Vogel.

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

Roll Call: Fred Vogel Chairman
George Schoenrock Secretary
Raymond Spellmeyer Board Member

Absent: Jorge Cardenas (Excused) and Dominic Manderano (Excused)

Also Present: John Napolitano, Counsel; Glenn Beckmeyer, Engineer; Laurie Purcell, Administrative Assistant

The minutes of the April 2, 2019 meeting were approved on a motion made by R. Spellmeyer, seconded by G. Schoenrock. All in favor: 3-0-0.

The Consent Agenda was moved on a motion made by F. Vogel, second by R. Spellmeyer and is as follows:

**RESOLUTION 2019-05A
SECAUCUS MUNICIPAL UTILITIES AUTHORITY
Hudson County, New Jersey
Resolution Authorizing Contract for
Installation of New Interim Pumps**

MOTIONED BY:

SECONDED BY:

WHEREAS, the Secaucus Municipal Utilities Authority (hereinafter “Authority”) is a public body, duly formed under the Municipal and County Authority Law, constituting Chapter 183 of the Laws of 1957, as amended (Chapter 14B of Title 40 of the New Jersey Statutes Annotated) and possesses the powers set forth therein; and

WHEREAS, the Authority sought quotes for the installation of the new Interim Pumps;

WHEREAS, Pumping Services, Inc., submitted the lowest responsive quote; and

WHEREAS, the Authority has been advised by its staff and its Counsel, Cleary Giacobbe Alfieri Jacobs, LLC that Pumping Services, Inc., is the lowest responsive response.

WHEREAS, in accordance with N.J.A.C. 5:50-5.4(a)(3), the Authority certifies the availability of funds to cover the maximum dollar value of the pending contract as set forth in the Resolution; and

NOW THEREFORE BE IT RESOLVED by the Members of the Secaucus Municipal Utilities Authority that the contract for installation of the new interim pump is awarded to Pumping Services, Inc., for the bid price not to exceed \$32,500, payable in accordance with the bid specifications.

BE IT FURTHER RESOLVED that this contract is awarded in compliance with the non-fair and open requirements of N.J.S.A. 19:44a-20.1 et seq.

BE IT FURTHER RESOLVED that the Executive Director is hereby authorized and empowered to take whatever action may be necessary and execute any documents that may be required, on behalf of the Authority, after consultation with legal counsel, to effectuate the purpose of this Resolution.

Date:

RESOLUTION 2019-05B
SECAUCUS MUNICIPAL UTILITIES AUTHORITY
Hudson County, New Jersey
Resolution Authorizing Contract for
Purchase of Two (2) Pumps

MOTIONED BY:

SECONDED BY:

WHEREAS, the Secaucus Municipal Utilities Authority (hereinafter “Authority”) is a public body, duly formed under the Municipal and County Authority Law, constituting Chapter 183 of the Laws of 1957, as amended (Chapter 14B of Title 40 of the New Jersey Statutes Annotated) and possesses the powers set forth therein; and

WHEREAS, the Authority wishes to purchase two (2) FLYGT Submersible Pumps for its Interim Pump Station; and

WHEREAS, the Authority is a member of the North Jersey Wastewater Co-operative Pricing System; and

WHEREAS, these pumps are available to the purchasing cooperative;

WHEREAS, in accordance with N.J.A.C. 5:50-5.4(a)(3), the Authority certifies the availability of funds to cover the maximum dollar value of the pending contract as set forth in the Resolution; and

WHEREAS, the Authority wishes to ratify any actions taken in furtherance of this resolution.

NOW THEREFORE BE IT RESOLVED by the Members of the Secaucus Municipal Utilities Authority that the contract for furnishing two (2) FLYGT pumps from Pumping Services, Inc., for the bid price of \$100,940.70 payable in accordance with its prices in the North Jersey Wastewater Co-operative Pricing System.

BE IT FURTHER RESOLVED that this contract is awarded in compliance with the non-fair and open requirements of N.J.S.A. 19:44a-20.1 et seq.

BE IT FURTHER RESOLVED that the Executive Director is hereby authorized and empowered to take whatever action may be necessary and execute any documents that may be required, on behalf of the Authority, after consultation with legal counsel, to effectuate the purpose of this Resolution.

Date:

The consent agenda was approved by roll call vote F. Vogel, Aye; R. Spellmeyer: Aye; G. Schoenrock: Aye. All in Favor 3-0-0.

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

The Voucher List is as follows:

1	Air Group	1,122.50	2019-224	Semi-Annual Preventative Maintenance Visit
2	American Aquatic Testing	1,350.00	2019-162	7 Day Chronic Toxicity Test
3	American Hose & Hydraulics	29.78	2019-168	Parts for Jet Truck
4	Associated Fire Protection	720.00	2019-211	Standard Inspection of Fire Extinguishers & IND System
5	Beckmeyer Engineering	6,250.00	2019-190	Engineering Services: April 2019
6	Bellaqua	209.45	2019-203	Water
7	Better Security	125.00	2019-209	Service to Grit Bldg. Panic Device
8	BioTriad Environmental	619.91	2019-136	Degreaser
9	Cleary, Giacobbe, Alfieri	4,327.00	2019-240	Legal Services : 03/01/19 to 03/31/19
10	Comcast	187.97	2019-191	Internet Services: 04/02/19 to 05/01/19
11	Constellation New Energy	2,166.01	2019-210	Power: Sub Stations 03/01/19 to 03/29/19
12	Emerald	258.95	2019-189	3 Boxes XL Grip Latex Gloves

13	Engineered Solutions	250.00	2019-181	Annual Subscription For Remote Computer Access
14	Eurofins	133.50	2019-199	Analytical Services: Distilled Water 3/7/19
15	Eurofins	308.00	2019-062	Analytical Services: Sludge Comp 24/Eff Grab 7/05/18
16	Eurofins	33.00	2019-183	Analytical Services: Toscana 3/13/19
17	Eurofins	33.00	2019-182	Analytical Services: Toscana 3/15/19
18	Eurofins	33.00	2019-198	Analytical Services: Toscana 3/18/19
19	Eurofins	33.00	2019-200	Analytical Services: Toscana 3/20/19
20	Eurofins	33.00	2019-201	Analytical Services: Toscana 3/22/19
21	Ferguson Enterprises Inc.	96.11	2019-222	Lot of Supplies to Repair Hose Bibs at Pump Stations
22	Flanagan DBA Gov Sites	100.00	2019-188	Monthly Maintenance Fee 4/2019
23	Grainger	932.09	2018-123	Electric Heater for North End PS
24	Grainger	256.30	2019-206	Maintenance Supplies
25	Home Depot	429.95	2018-122	Maintenance Supplies
26	Home Depot	463.85	2019-205	Maintenance Supplies
27	Keystone Engineering	34,950.00	2019-195	Scada Project Payment #2
28	Koester Associates	870.00	2019-165	Control For Bar Screens
29	Miracle Chemical	1,481.25	2019-174	Sodium Bisulfite
30	Miracle Chemical	790.00	2019-212	Sodium Bisulfite
31	Miracle Chemical	1,323.00	2019-175	Sodium Hypochlorite
32	Municipal Capital	150.00	2019-180	Copier Lease: Payment 3 of 60 4/28/19
33	Municipal Capital	150.00	2019-207	Copier Lease: Payment 4 of 60 5/28/19
34	Nassor Electric	108.60	2019-128	Parts
35	National Water Main	2,759.51	2019-084	Cleaned Wet Well at PS# 2 (Toscana to Reimburse)
36	One Call	2.72	2019-202	Markouts (2)
37	PS&S	1,200.00	2019-204	Professional Services: 2/1/19 to 2/28/19
38	PS&S	1,052.50	2019-213	Professional Services: 3/1/19 to 3/29/19
39	PSE&G	17,660.54	2019-229	Power: Main Plant 12/28/18 to 03/29/19
40	PSE&G	1,267.74	2019-215	Power: Sub Stations 02/28 to 03/29/19
41	PVSC	12,432.00	2019-214	Sludge Disposal: 02/16/19 to 03/31/19
42	Persistent Construction	7,150.00	2019-216	Emergency Repair 179 Pandolfi (Reimbursed by PSE&G)
43	Persistent Construction	5,900.00	2019-217	Excavate & Raise Buried Manhole 46 Meadowlands Pkwy
44	Precision Electric Motor	1,465.00	2019-131	Repair to Recirc Motor for Plant Furnace
45	Quality Auto Mall	242.06	2019-178	Key For F350 Ford
46	Redicare LLC	50.30	2019-225	Medical Supplies For First Aid Kit
47	Spectraserv	3,900.00	2019-218	Monthly Container Charge: Grit/Screenings 03/19
48	Spectraserv	4,167.80	2019-219	Sludge Removal: 03/01/19 to 03/29/19

49	Staples	138.45	2019-197	Office Supplies
50	State of NJ	39,462.97	2019-194	Hospitalization: Active Employees:04/2019
51	Suez Water NJ	1,655.30	2019-185	Water 02/15/19 to 03/19/19
52	Town of Secaucus	1,667.09	2019-186	Dental Reimbursement: May 2019
53	ULE Bank	6,810.00	2019-126	Explosion Proof Bulbs for PS#1
54	US Bank	1,100.00	2019-208	Trustee Fees
55	Verizon	316.45	2019-184	Telephones 03/19/19 to 04/18/19
56	Verizon Wireless	255.47	2019-236	Telephones: 03/13/18 to 04/12/19
57	WEF	107.00	2019-223	Annual Membership Renewal: B. Beckmeyer
58	WEX Bank (Sunoco)	818.05	2019-187	Fuel: March 2019
59	William Katchen	18,750.00	2019-196	Accounting Services:4/18 to 12/18(2,3 & 4 QTR)
TOTAL:		190,655.17		

The voucher list was then approved by Roll Call vote: F. Vogel, Aye; R. Spellmeyer, Aye; G. Schoenrock, Aye: 3 -0-0.

New Business: None

Old Business: None

Legal: None

Report of the Executive Director April 2019 {submitted April 26, 2019}

- Met with contractor representatives who are building the new Alexander Hamilton Service Area on the NJT. Located two vaults that had not been on any plans. Both of these need to be addressed & removed by the contractor.
- We continue to monitor the sewers in low lying areas for cleaning & inspection. There were ten different CCTV jobs performed.
- Responded to a sanitary sewer overflow on Sunday 4/14 at Harmon Cove. It seems that the Licensed Operator that was hired for Harmon Cove is not responsible for this portion of that collection system. There are 4 condo associations and this is one that is not maintained by IMPAC.
- Responded to a request from the Mayor about cleaning a storm line at Sea Isle Key (also in Harmon Cove). Crew spent the better part of two days trying to clean this line. I was onsite 4/23 and inspected the area. It is noted that there is no discharge pipe visible at the river inlet. I suggested this be dye-tested, which was done at low tide on 4/25. No dye was visible at the inlet. The jet went in about 135' & the pipe discharge would be about 155'.

- 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: Met with Keystone to go over particulars of the system and did another walk through.
- Toscana Cheese: Due to impending legal matters, I have ceased to communicate with Mr. Paparazzo. He has continued to use delay tactics, so the MUA has re-instituted sampling at this site. We had provided a grace period because Mr. Paparazzo was (so we were lead to believe) in the process of making corrective actions.
- 9/25/2018 storm: The Towns' JIF has hired a private engineer to perform a study on the failure of the storm system. Nothing further to report.
- Met with NJ State Police to close out the FEMA grant for the installation of the retrofit for natural gas conversion. This project should be getting grant fund reimbursement.
- Conducted another facility tour for members of the Passaic Valley Sewerage Commission operators.
- Work continues on the 2018 audit.
- Still awaiting scheduling for the upgrade of the interim pumping station.

**SECAUCUS MUNICIPAL UTILITIES AUTHORITY
ENGINEERS REPORT APRIL 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. Waiting on delivery of the 4 vibration sensors (all to be calibrated).
- 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. Calculating all the Sanitary Pipe lengths within the SMUA System and the lengths of all privately-owned Sanitary System, such as Hartz Mountain, etc.
- 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. Work is ongoing with the Contractor starting to build the cabinets.

- 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 of 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 forth request has been sent. A request to the Owner will also be emailed. The Engineer responded that he will speak to owner.
- 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. Additional inquiries to Flow Assessment on their report data and interpretation of such. Also, the use of VFD’s are being reviewed for pump sizing and future flow expansion. We have been shooting Elevations for the design calculations for the proposed pumps and force main.
- Continuing to receive discharge Violations from Toscana Cheese, therefore, this office had issued the following “Notice of Violations”:

Date	
4/26/2019	

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. Met with the Secaucus Construction Code and Plumbing Code Officials to discuss the Violations and Toscana’s proposed expansion plans. Also spoke with design engineer on my concerns and observations.

- 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
- Sanitary Sewer Connection reviews (on going) and reports for 100 Dorigo Lane, Hamilton Rest Stop on NJTA, Cumin’n Eat- 700 Plaza Drive, and 77 Metro Way.
- Started scheduling process with the Contractors on the Interim Pump Station upgrade. Approved shop drawing for the structural aspect of the Pump Station.
- Started roof inspection for the futures replacement of Pump Station #2&3 building at the Koelle Blvd. Facility. Produced a Scope of Work for the roof replacement of PS 2& 3. In the process of determining the Scope of Work for the Administration Building submitted scope of work to SMUA for proposals.
- Exchange Place Pump Station reviewing drainage issues and shooting elevations for the design for the Proposed Stormwater Inlet.
- Zoning Certificate Notices for required SMUA sewer connection application:

Address	Zoning Certificate	Date
700 Plaza Drive	#19-007	3-04-2019
5000 Riverside Station Blvd.	#19-026	3-04-2019
100 Dorigo Lane	#18-365	3-26-2019
601 Penhorn Ave	#19-077	4-01-2019
1250 Paterson Plank Rd	#19-095	4-01-2019
200 Flanagan Way	#19-136	4-04-2019
60 Enterprise Ave	#19-014	4-25-2019
655 Plaza Drive	#18-332	4-29-2019

Beckmeyer Engineering, P.C.
Glenn M. Beckmeyer, P.E., P.P.,CME
Authority Engineer
May 1, 2019
Beckmeyer Engineering, P.C.

Chairman Vogel inquired if the existing wiring was compatible with the SCADA system. The Engineer answered that everything at the main plant is working good to date.

OPERATIONS REPORT – April 2019
Submitted May 7, 2019

KOELLE BOULEVARD FACILITY

- 1) The average estimated daily flow for the month was 3.0456 MGD. Maximum daily flow was 4.3521 M.G.; the estimated total flow for the month was 91.3679 MG.
- 2) Bi- Annual maintenance and cleaning was performed on all Trickling Filters
- 3) Bi-Annual maintenance and cleaning was performed on the Secondary Clarifiers.
- 4) The Laboratory passed proficiency testing study number 290, administered by the N.J.D.E.P.
- 5) The collector chain of Bar Screen number one was adjusted.
- 6) Filter Fly screening was installed on the Trickling Filters.
- 7) Routine maintenance and grounds keeping were performed.
- 8) The Serpentine tank was drained and cleaned.
- 9) Three new explosion proof L.E.D. lights were installed in the Wet Well of Pump Station number one.
- 10) Lights were replaced in the Dry Well of Pump Station number one.
- 11) Three new explosion proof L.E.D. lights were replaced in the Grit Building.
- 12) A new Lock-Out Tag-Out station was installed in the Administration Building.
- 13) Associated Fire Protection Service serviced the Fire Suppression System located in the Sodium Bisulfite Building.
- 14) The Sodium Hypochlorite Filter located in the Plant Water Room was cleaned.
- 15) The Pump Monitor relay for Pump #2, located in Pump Station # 2 was replaced.

PUMP STATION # 1 Village Place

- 1) The estimated average daily flow was 1.090 MGD.
- 2) All pumps cleaned and maintained on a regular basis.
- 3) Routine maintenance and grounds keeping were performed.

PUMP STATION # 2 Paterson Plank Road and Turnpike Exit

- 1) The estimated average daily flow was 78,846 gallons per day.
- 2) Routine maintenance and grounds keeping were performed.
- 3) All grease was cleaned from the Wet Well by National Watermain Inc.

PUMP STATION # 3 Henry Street

- 1) The estimated average daily flow was 46,350 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.
- 2) The Level Control Transducer failed. A replacement has been ordered.

PUMP STATION # 5 Wilroy – Secaucus Road

- 1) This station is not in service. Grounds keeping were performed.
- 2) Water is being pumped from the Station.

PUMP STATION # 6 Castle Road

- 1) The estimated average daily flow was 20,101 gallons per day.
- 2) Routine Maintenance and grounds keeping were performed.

PUMP STATION #7 - Exchange Junction

- 1) Routine maintenance was performed.
- 2) The Authority Engineer is designing new storm water drainage.

COLLECTION SYSTEM: The Authority jetted and cleaned approximately 3,865 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 F. Vogel at 7:09 p.m., seconded by R. Spellmeyer to close the public portion of the meeting and enter into Executive Session. All in Favor: 3-0-0.

RESOLUTION TO ENTER INTO EXECUTIVE SESSION

BE IT RESOLVED by the Board of Commissioners of the Secaucus Municipal Utilities Authority that the Board shall immediately hereinafter continue its meeting in executive session in accordance with the New Jersey Sunshine Law.

The purpose of this Executive Session is

- 1) Personnel and Legal

The matters discussed in Executive session will be disclosed to the Public at such time as action is taken by the Authority or if possible, prior to action being taken if the Authority feels that disclosure can be made without affecting the public interests of the individuals affected.

A motion was made at 7:25 PM by F. Vogel, seconded R. Spellmeyer to close the executive session and re-open the public portion of the meeting. All in favor: 3-0-0.

A motion was made to adjourn the meeting at 7:27 PM by F. Vogel, seconded by R. Spellmeyer All in favor 3-0-0.