

March 6, 2017

Minutes of a meeting of the Secaucus Municipal Utilities Authority held on Monday, February 06, 2017 at 7:00 PM in Conference Room, 1100 Koelle Boulevard, Secaucus, New Jersey 07094

The meeting was called to Order at 7:00 PM
Pledge of Allegiance/Salute to the Flag
The Open Public Meetings Act was read.

Roll Call:	Fred Vogel	Chairman
	Jorge Cardenas	Treasurer
	George Schoenrock	Secretary

Absent: Commissioner Moloughney (excused)

Also Present: John Napolitano; Glenn Beckmeyer

The Minutes of the February 6, 2017 meeting were approved on a motion made by G. Schoenrock, seconded by J. Cardenas. Approved: 3-0-0.

After a brief description of the matters on the Consent Agenda; it was moved on a motion by F. Vogel; second by J Cardenas and are as follows:

**RESOLUTION 2017-03
HIRING WASTEWATER TREATMENT PLANT OPERATOR**

WHEREAS, the Secaucus Municipal Utilities Authority (hereinafter “Authority”) is a public body, duly formed under the Municipal and County Utilities 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, due shortage of manpower, through recent retirements, the Authority has a need to hire a new employee for the position of Wastewater Treatment Plant Operator; and

WHEREAS, pursuant to its Agreement with Local 11 of the International Brotherhood of Teamsters, said position was duly posted; and

NOW, THEREFORE BE IT RESOLVED, that Michael Schoendorf has met the minimum requirements for this position and is hereby offered the position of Wastewater Treatment Plant Operator, commencing on March 6, 2017 at a salary of \$29,705.00 per year with the following provisions:

1. Successful completion of the prescribed probationary period.

Resolution 2017-03B
Authorizing Disposal of Surplus Property

WHEREAS, the Secaucus Municipal Utilities Authority is the owner of certain surplus property which is no longer needed for public use; and

WHEREAS, the Secaucus Municipal Utilities Authority is desirous of selling said surplus property in an “as is” condition without express or implied warranties.

NOW THEREFORE BE IT RESOLVED, by the Secaucus Municipal Utilities Authority as follows:

(1) The sale of the surplus property shall be conducted through GovDeals pursuant to State Contract A-70967/T2581 in accordance with the terms and conditions of the State Contract. The terms and conditions of the agreement entered into with GovDeals is available online at govdeals.com and also available from the Purchasing Agent.

(2) The sale will be conducted online and the address of the auction site is govdeals.com

(3) The sale is being conducted pursuant to Local Finance Notice 2008-9.

(4) A list of surplus property to be sold is as follows: SEE SCHEDULE A

(5) The surplus property as identified shall be sold in an “as is” condition without express or implied warranties with the successful bidder required to execute a Hold Harmless and Indemnification Agreement concerning use of said surplus property.

(6) The Purchasing Agent shall be authorized to execute any document related to this online auction.

(7) The Secaucus Municipal Utilities Authority reserves the right to accept or reject any bid submitted.

APPENDIX “A”

- 1) One Chevy Crew Cab 2008; 68,500 miles.

The Consent Agenda was approved by roll call vote: J. Cardenas: Aye; G. Schoenrock: Aye; F. Vogel: Aye. 3-0-0.



Voucher List for Meeting of March 06, 2017
Prepared: 02/25/17

NUMBER2	COMPANY	MONEY	CK#	PO#	REASON
1	Alpha Dog	150.00		2017-109	Monthly Maintenance & Hosting Fee:2/17
2	Atlantic Tomorrows Office	301.63		2017-082	Copy Kit Fee: 07/01/16 to 09/30/16
3	Automatic Suppression	1,450.00		2017-131	Annual Maintenance To Fire Alarm System
4	Beckmeyer Engineering	6,982.50		2017-136	Engineering Services: February 2017
5	Beckmeyer Engineering	5,032.50		2017-132	Work Performed: to be Reimbursed by FEMA
6	Bellaqua	137.30		2017-107	Water
7	Better Security	585.00		2016-741	New Door Hardware
8	Brian Beckmeyer	414.55	10403	2017-093	Auto Head Lamp Repair
9	Cleary, Giacobbe, Alfieri	3,907.80		2017-120	Legal Services: 01/01/17 to 01/31/17
10	Comcast	178.44	10405	2017-094	Internet Services: 02/02/17 to 03/01/17
11	Constellation Energy	2,372.99	10413	2017-114	Remote Stations Power:12/29/16 to 01/27/17
12	Emerald	253.95		2016-592	3 Cases XL Gloves
13	Emerald	253.95		2017-076	3 Cases XL Gloves
14	Eurofins	248.40		2017-110	Analytical Services: Effluent 1/12/17
15	F.W. Webb	142.19		2017-059	Various Piping Parts
16	Fisher Scientific	1,372.48		2017-004	Lab Supplies
17	Fisher Scientific	786.03		2017-090	Lab Supplies
18	GLEC	564.55		2017-124	HDG Consulting Services
19	Grainger	37.60		2017-081	Brooms
20	Grainger	309.42		2017-049	V Belts
21	Hach	41.06		2017-091	Lab Supplies
22	Home Depot	59.05		2017-073	Pipe Dyes
23	Home Depot	117.90		2017-084	Microwave, Squeeges
24	Home Depot	71.71		2017-097	Hoses, Nozzles & Tape Measure
25	Hudson Heating	21.88		2017-074	Supplies Screw Press
26	Interstate Battery	97.90		2017-095	12 V Battery
27	JCI Chemical	2,221.38	10387	2016-791	Sodium Hypochlorite
28	JCI Chemical	1,845.56		2017-068	Sodium Hypochlorite
29	JCI Chemical	1,873.94		2017-113	Sodium Hypochlorite
30	Miracle Chemical	1,462.50		2017-067	Sodium Bisulfite
31	Miracle Chemical	1,359.38		2017-112	Sodium Bisulfite
32	Municipal Capital Finance	164.77	10420	2017-130	Copier Lease: Payment# 44 2/17
33	Nassor Electrical	1,617.69		2017-061	Supplies Secondary Pump Panel
34	Olympic Glove	79.95		2017-096	Calibration of Gas Meter
35	One Call	2.50		2017-108	Markouts: January (2)
36	PSEG	17,810.05	10412	2017-106	Power: Main Plant Dec.2016
37	PSEG	19,166.52	10412	2017-105	Power: Jan 2017
38	PS&S	1,793.52		2017-133	Professional Services: Security Camera
39	PS&S	1,050.00		2017-134	Professional Services: NJPDES 1/31/17
40	Precision Electric	485.00		2017-037	Service to Rewire Pump
41	Pumping Services	675.00		2017-072	Service Call Pump Station #3
42	PVSC	16,512.00		2017-125	Sludge Disposal: 01/16/17 to 02/15/17
43	R&D Trucking	8,690.00		2017-132	Sludge Removal: 01/02/16 to 01/30/16

44	Rapid Pump	15,780.00		2016-466	Upgrade to Sludge Tank Approved by
45	Safety Glasses	76.95		2017-098	Polarized Safety Glasses
46	Scott Enviromental	150.00		2017-119	Backflow Prevention Qrtly Inspection
47	Secaucus Home News	45.58		2017-123	Legal Ad: Contacts Awarded 2/17
48	Spectraserv	3,956.00		2017-126	Monthly Container Charge: Jan. 2017
49	State of NJ	33,847.38	TEPS	2017-085	Hospitalization: Active Employees:02/17
50	State of NJ	1,394.46	TEPS	2017-086	Hospitalization: Retiree Employees: 03/17
51	State of NJ-PERS	164,946.00	TEPS	2017-115	Annual Employer Appropriation
52	Suez Water NJ	970.61	10363	2017-060	Water 12/21/16 to 01/15/17
53	Town of Secaucus	1,630.08		2017-087	Dental Reimbursement: Mar. 2017
54	Verizon	253.50	10411	2017-104	Telephones 01/19/17 to 2/18/17
55	Verizon Wireless	221.68	10415	2017-118	Telephones: 01/13/17 to 02/12/17
56	WEF	214.00		2017-111	Membership Renewal: S. Bronowich & N. Niel
57	WEX Bank (Sunoco)	583.48	10409	2017-083	Fuel: Jan. 2017
58	Windmer Time Recorder	383.60		2017-092	Signature Plate For Checks
TOTAL:		327,153.86			

Roll Call to approve the voucher list as presented: F. Vogel: Aye; J. Cardenas: Aye; G. Schoenrock: Aye. 3-0-0.

Old Business: None

New Business: The Authority will be receiving another Peak Performance award for permit compliance from NACWA.

Report of the Executive Director February 2017 {March 1, 2017}

- All professional service contracts have been awarded as presented at the February 2017 meeting.
- Awarded the position of maintenance supervisor to Anthony Smentkowski. This person is well qualified and has proven to be outstanding employee.
- Delivery of motor control parts for the secondary clarifier pumps and be replaced. Contacted the Authority Electrician to install.
- Work has commenced on the dual-fuel converter. We anticipate the project to be completed by the end of February. There was an issue with gas pressure that I believe has been resolved.
- A preconstruction meeting for the award of the security/SCADA system was held in February. Waiting for the contractor to pull permits.
- Nothing further to report regarding the possible connection of the USCG Auxiliary building to the SMUA sanitary on Meadowland Parkway.
- Finalized the labor agreement with counsel. The MOA was ratified at the November meeting of the Authority. The union has agreed to the contract and this should be finalized and signed in the near future.
- Contacted Mayor Gonnelli and Town Administrator Gary Jeffas regarding an ongoing

problem with the privately owned collection system at Harmon Cove. Awaiting a response.

- The Authority is scheduled to install a manhole on River Road near Acorn Road on March 2, 2107. The original connection was made in the early 1970's and there was no way to access the line for cleaning/inspection. There is a condo building and at least one residence connected to this line and the Authority has been onsite to jet this line as best as possible.
- Received a preliminary draft permit from the NJDEP. Currently under review, but the issue of copper in the effluent remains a concern, even though the frequency for sampling was reduced from monthly to quarterly.
- Met with the accountant in preparation of the 2016 audit.

Legal: No Report

ENGINEERS REPORT FOR THE MONTH OF FEBRUARY 2017

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. Bids Rebid opening was June 1, 2016. The low responsible bidder was Envirocon from N.J. at \$119,000. The pre-construction meeting was held on September 27. The conversion equipment was ordered is more than a month for delivery. Other work will be done during the wait time of delivery. The Mechanical Sub Contractor began work in October. The high pressure gas line and fencing has been installed. Work has started on the generator. A temporary generator has been deliver and is hooked up to the Auto Transfer Switch and is presently the back up power for the facility until work is completed on the conversion. Work was halted to increase the gas pressure and flow from PSEG. Manufacturer's representative initially requested 2,000 cfh @ 1psi at the unit, which was requested from PSEG by application. Later , the manufacturer requested 11,700 and 12,000 cfs at 5 to 7 psi. Finally, the Manufacturer certified that the request would be 6,000 cfh @ 3psi. This is now ordered from PSEG. The system will now be a non-regulated system where the facility will receive street press at a max 20 psi. The facility will be required to have two regulators, one being a lock-up type to step down the pressure. Work on the system should begin with the ordering and delivery of the new regulators.
- We looked into two designs to supply sanitary services to the Coast Guard Building. A gravity System and a pumping system. We have compiled the costs of to bid out either installation. The cost information comparison was submitted to the Town for review and input. The Mayor had requested a meeting on this project. Waiting on his availability.
- Spoke to the applicant's engineer about a proposed connection at 1 County Avenue. Reviewed application. The applicant is required to obtain an easement to install a force main and connect into an existing privately owned sewer before it leads into the SMUA system in Penhorn Drive. The engineer sent revised drawings showing a new location for the pump station, also sent the easement description and plan. New require a revised TWA application. Requested that the easement also reads that the private sewer will convey the adjacent properties sewage in perpetuity. Easement was received and is being reviewed for compliance. Reviewed applicants engineers detail son the force main, suggested to install a dual force main due to the location within an environmentally sensitive area.

- 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. As recommended by the Commissioners, reached out to the NJSEA to see if the information can be OPRA'd. NJSEA information is not readily available. NJSIA has confirmed that the SMUA can purchase utility levels for an AutoCad file. My office will in return create usable updated maps of the SMUA sanitary Sewer system. This office will purchase the required utility layers and produce required maps.
- Started investigation to determine the capital cost for the replacement of the trickling filters plastic media. Estimated cost for delivery of Media > \$1,000,000 without installation or disposal of old media
- 2 Secondary sludge pumps burnt out due to a shorted power feed. A rental pump was installed along with a temporary pump feed cable from the panel in the sludge building to the clarifier. Proposals to install new conduit and feed wiring between the panel and the clarifier were received. Conduit has been installed. New wiring has been installed and the system is operating. A new control panel is being proposed for the pumps.
- 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. Notified the engineer that a pre-treatment system would be required to combat high sulfide levels within the long force main. Also sent other information on known facilities within the construction area. Received an approved plan revisions and wrote a letter for a revision to the TWA.
- PSEG has agreed to install a power monitoring device on our service connection before our transformer to record the power consistency from the utility. The device was installed November 1, 2016 by PSEG. PSEG has returned to pick up the device. Waiting for their report.
- 100 Park Plaza Drive is a new 469 residential development consisting of sixty (#60) studio, one hundred ninety-seven (#197) one bedroom, one hundred ninety-three (#193) two bedroom and nineteen (#19) three bedroom residential units. An Engineer Review letter approving the application contingent on the submittal of further requested information was sent to the applicant
- Reviewing a change of use at 215 County Avenue for the installation of a ink printer. The SMUA has informed the owner that they are required to submit a "Change of Use" application for a process discharge of additional 1,300 gpd.
- Started reviewing the design of a new blower at the post-aeration tank. The present blower is oversized and can be reduced in horse-power. Also is if the addition of a "VFD" on the existing blowers would also show the Authority power savings. Requested a manufacturer rep to quote the supply and installation of a VFD to run the existing blowers. Received proposal and reviewing.
- Site visits to River Road, River Court and Acorn Court. A 6 inch sewer main/lateral from an apartment complex has been backing up due to a blockage. The SMUA can only Video a few feet before the camera is submerged and can only jet about 35 feet before it is blocked. Met Persistent to develop a strategy on the repair of the line. A test pit will be dug around the point of the blockage to determine the appropriate repair. Road closure to River Court and River Road will be evident due to the tight confines of the roads. Went to site three times and marked location to excavate. Proposed work to be started on March 2.
- Norfolk Southern has placed concrete barriers at the access to the SMUA SeaView Pump Station making access very difficult to impossible, never mind the difficulty of snowplowing the access drive. Started pulling stored files from the construction of that project. Will create an access description, with attorney assistance, to guarantee the SMUA authority of access and maintenance. Sent a preliminary description to Attorney.

- Reviewed an easement on the property of 34 Meadowlands Parkway. The SMUA has a 36 inch trunk line that runs through the parking lot of this new apartment complex, however, an easement was never recorded.
- Prepared and submitted the 2016 annual facility flow certification.
- Submitted required facility map information for a NJDOT project within the Hackensack River/Rt#3 bridge.
- Reviewed the Pump Station at Exchange Place for drainage issues.
- Started the 2017 COAH report.
- Started reviewing the streets where the Town will be repaving in 2017 and inspecting for manhole rims/covers for replacement.

Beckmeyer Engineering, P.C.
Glenn M. Beckmeyer, P.E., P.P., CME
Authority Engineer
March 1, 2017

OPERATIONS REPORT – February 2017
Submitted March 6, 2017

KOELLE BOULEVARD FACILITY

- 1) The average daily flow for the month was 2.6512 MGD. Maximum daily flow was 4.0183 M.G.; the total flow for the month was 74.2098 MGD.
- 2) A new Chlorine (sodium hypochlorite) feed line was installed for Pump Number two.
- 3) The distribution arms of the Stage One Trickling filters were cleaned.
- 4) Routine maintenance and grounds keeping were performed.
- 5) The Serpentine tank was drained and cleaned.

PUMP STATION # 1 Village Place

- 1) The average daily flow was 1.028 M.G.D.
- 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 80,364 G.P.D.
- 2) Routine maintenance and grounds keeping were performed.

PUMP STATION # 3 Henry Street

- 1) The estimated average daily flow was 52,486 G.P.D.
- 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 was performed.

PUMP STATION # 6 Castle Road

- 1) The estimated average flow was 14,566 G.P.D.

2) Routine Maintenance and grounds keeping were performed.

PUMP STATION #7 - Exchange Junction

- 1) Routine maintenance was performed.
- 2) Elevations were taken by the Authority Engineer to improve drainage.

COLLECTION SYSTEM: The Authority assisted the D.P.W. in cleaning various catch basins. The Jet Truck was sent out for repair again The P.T.O. failed and is being upgraded.

Respectfully Submitted
Brian A. Beckmeyer Sr.
Superintendent

At 7:20 PM, a motion was made by F. Vogel, second by J. Cardenas to adjourn the meeting. All in Favor 3-0-0.