

May 02, 2016

Minutes of a meeting of the Secaucus Municipal Utilities Authority held on Monday, May 2, 2016 at 7:00 PM in Conference Room, 1100 Koelle Boulevard, Secaucus, New Jersey 07094.

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

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

Excused: G. Pascarello; Mark Moloughney
Also Present: John Napolitano, Counsel; Glenn Beckmeyer, Engineer

The minutes of the April 2016 meeting were approved on a motion made by F. Vogel, second by J. Cardenas. Roll Call: G. Schoenrock: Aye; J. Cardenas: Aye; F. Vogel: Aye; Approved 3-0-0.

The Consent Agenda was moved on a motion by J. Cardenas; seconded by M. Moloughney. The Executive Director gave a brief description of the Resolutions which are as follows:

**Secaucus Municipal Utilities Authority
CONSENT AGENDA – 05/02/2016**

All matters listed under Consent Agenda are considered to be routine by the Secaucus Municipal Utilities Authority and will be enacted by one motion. There will be no separate discussion of these items. If discussion is desired, that item will be removed from the Consent Agenda and will be considered separately.

- 01 Resolution Regarding the Appointment of Katherine Acevedo as QPA.
- 02 Resolution Rejecting the Bid for the Dual-Fuel Conversion Installation and Authorizing Re-advertisement.
- 03 Resolution Regarding the Approval of TWA for Execution: 100 Park Plaza
- 04 Resolution Regarding the Approval of TWA for Execution: 46 Meadowland Parkway

**RESOLUTION 2016-5-2-A
SECAUCUS MUNICIPAL UTILITIES AUTHORITY
Hudson County, New Jersey
Resolution Appointing Katherine Acevedo As
Qualified Purchasing Agent**

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, Katherine Acevedo, an employee of the Secaucus Municipal Utilities Authority, has attained certification for the position of Qualified Purchasing Agent.

NOW THEREFORE BE IT RESOLVED this 2nd day of May, 2016 by the members of the Secaucus Municipal Utilities Authority hereby appoints Katherine Acevedo as the Qualified Purchasing Agent for the Secaucus Municipal Utilities Authority.

RESOLUTION 2016 – 5B
SECAUCUS MUNICIPAL UTILITIES AUTHORITY
Hudson County, New Jersey

**Resolution Rejecting Bid for Emergency Generator Diesel/Natural Gas
Dual Fuel/Upgrade and Authorizing Rebid**

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, on April 29, 2016 the Authority received a bid for the Emergency Generator Diesel/Natural Gas Dual Fuel Upgrade Project (“Project”); and

WHEREAS, the sole bid was significantly in excess of the Authority’s budget and the Engineer’s estimate; and

WHEREAS, pursuant to N.J.S.A. 40A:11-13.2 the Authority may reject the bid; and

WHEREAS, the Authority wishes to reject the bid and authorize the advertisement for the rebidding of the project.

NOW THEREFORE BE IT RESOLVED by the Members of the Secaucus Municipal Utilities Authority that the bid is rejected and the Authority is authorized and directed to rebid for the Project.

RESOLUTION 2016-05C
SECAUCUS MUNICIPAL UTILITIES AUTHORITY
Hudson County, New Jersey
RESOLUTION AUTHORIZING A SANITARY SEWER CONNECTION
100 Park Plaza, LLC

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, 100 Park Plaza, LLC (hereinafter “Applicant”) with offices at 100 Park Plaza; Secaucus, New Jersey, has applied to the Authority to connect the property located at 100 Park Plaza, Secaucus, for 469 residential units to the Authority’s sanitary sewer system; and

WHEREAS, the Authority Engineer, Beckmeyer Engineering shall review the application to determine if there exists adequate conveyance capacity to transmit wastewater emanating from such location to the Authority’s wastewater treatment plant and that if there exists adequate treatment capacity at the Authority’s wastewater treatment plant to treat such wastewater; and

NOW, THEREFORE, BE IT RESOLVED, by the members of the Secaucus Municipal Utilities Authority that the Executive Director is authorized to execute the Applicant’s Treatment Works Application, subject to the following:

1. The completion of the Engineers review and its approval of the application.
2. Payment of \$ connection fee to the Authority (based on current flow criteria); computed as follows: $(87,675/300\text{gals/ERU} \times 8,977.00/\text{ERU} = 2,623,528.25^*)$

*Note that the connection fees chargeable for any connection shall be that schedule of fees applicable as of the date of connection, not the date of approval. Connection fees shall be payable in the following manner: one-half due upon Authority approval and the other half due prior to issuance of Certificate of Occupancy.

3. The recommendations as set forth in the engineering review by Beckmeyer Engineering.
4. This approval is good for two (2) years from the date of issuance.

BE IT FURTHER RESOLVED BY THE MEMBERS OF THE BOARD OF THE SECAUCUS MUNICIPAL UTILITIES AUTHORITY, 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 purposes of this Resolution.

RESOLUTION 2016-5D
SECAUCUS MUNICIPAL UTILITIES AUTHORITY
Hudson County, New Jersey

**Resolution Authorizing the Modification of a Connection Agreement with
Hartz Mountain Industry**

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, by previous resolution dated April 6, 2013, the Authority approved a Connection Agreement with Hartz Mountain Industry, Inc. (Hartz), 400 Plaza Drive, Secaucus, New Jersey for the redevelopment of 46 Meadowlands Parkway Secaucus New Jersey; and

WHEREAS, Hartz wishes to modify its Connection Agreement to increase the projected sewage flow from 6,845 gallons per day (gpd) to 22,229 gpd; and

WHEREAS, because of the prior development on the property, there exists a credit for 41,641 gpd and therefore no connection fee is due; and

WHEREAS, this application requires the Engineer's review and approval; and

NOW THEREFORE BE IT RESOLVED, by the Members of the Board of the Secaucus Municipal Utilities Authority, that the proposed redevelopment sewer connection application is hereby approved subject to the Engineer's approval.

BE IT FURTHER RESOLVED that the Executive Director is hereby authorized to execute any documents reasonably required to effectuate the terms of this Resolution including but not limited to the Treatment Works Application.

The above resolutions were approved by Roll Call vote. G. Schoenrock: Aye; J. Cardenas: Aye; F. Vogel: Aye; Approved 3-0-0.

The May 02, 2016 Voucher list was moved on a motion made by G. Schoenrock, seconded by F. Vogel.

The Voucher list is as follows:



Voucher List for Meeting of May 02, 2016

Prepared: 04/25/16

Number	COMPANY	MONEY	CK#	PO#	REASON
1	Accent Control	2,789.04		2016-124	PH Electrode & ORP Electrode
2	Air Group	421.50	9838	2016-56	Service Completed to Main Boilers
3	Air Group	346.50		2016-193	Service Call on Boilers
4	Alpha Dog	150.00		2016-217	Monthly Maintenance & Hosting Fee 4/16
5	Atlantic Tomorrows Office	329.87		2016-241	Copy Kit Fee: 1/1/2016 to 3/31/16
6	Beckmeyer Engineering	6,250.00		2016-233	Engineering Services: April 2016
7	Bellaqua	125.40		2016-229	Water
8	Bergen Industrial Supply	104.88		2016-239	Threaded Rods & Couplings for Trickling Filter
9	Bio Triad	3,408.00		2016-148	Product Program for Odor Control

10	Campbell	250.00		2016-238	Semi Annual Inspection Fire Suppression System
11	City Ladder	452.00		2016-103	Aluminum Ladder
12	Comcast	174.39	9792	2016-185	Internet Services: 04/02-05/01/16
13	Coyne Chemical	1,815.46		2016-140	Zetag Polymer
14	Eurofins QC Lab	233.40		2016-218	Analytical Services: 3/10/16
15	Eurofins QC Lab	43.00		2016-219	Analytical Services: 3/10/16 distilled water
16	Eurofins QC Lab	18.90		2016-220	Analytical Services: 3/09/16 copper
17	Eurofins QC Lab	18.90		2016-221	Analytical Services: 3/4/16 copper
18	Eurofins QC Lab	48.00		2016-247	Analytical Services: 3/4/16
19	Fisher Scientific	1,380.71		2016-182	Lab Supplies
20	Fisher Scientific	684.85		2016-196	Lab Supplies
21	Fisher Scientific	353.86		2016-199	Lab Supplies
22	GLEC	958.73		2016-232	HDG Consulting Services
23	Grainger	72.94		2016-197	Cleaning Rags
24	Grainger	15.04		2016-186	Couplers
25	Home Depot	24.52		2016-195	Threaded Rods & Bolts
26	Home Depot	53.95		2016-202	Filters Shop Vac & Pipe Wrench
27	Home Depot	59.97		2016-211	Outdoor Flood light
28	Home Depot	30.43		2016-226	Driller Toggle, Screws & Bit
29	JCI Chemical	1,763.00		2016-183	Sodium Hypochlorite
30	K-H Machine Works, Inc.	460.60		2016-224	Links for Grit Collector
31	Koester	17,920.00		2016-717	Supply & Install of 2 Frequency Drives
32	Miracle Chemical	1,197.00		2016-194	Sodium Bisulfite
33	Municipal Capital Finance	164.77	9834	2016-207	Copier Lease: Payment #34 04/2016
34	Nassor Electric	136.84		2016-191	Miniature Light Bulbs
35	NJBIA	220.00		2016-225	Annual Membership Dues
36	Olympic Glove & Safety	79.95		2016-206	Gas Meter Calibration
37	One Call	3.75		2016-228	Markouts
38	Power Place	45.82		2016-251	Blades For Lawn Tractor
39	PSEG	19,642.05	9842	2016-237	Power: March 2016
40	PVSC	16,320.00		2016-258	Sludge Disposal: 03/16/16 to 04/15/16
41	Pitney Bowes	126.50	9835	2016-208	Postage Meter Rental: 01/01/16 to 03/31/16
42	R&D Trucking	8,635.00		2016-231	Sludge Removal: March 2016
43	Rapid Pump	4,290.00		2016-57	Pump Guide Rail Replacement
44	Royal Printing	38.00		2016-134	Business Cards
45	Spectraserv	3,956.00		2016-230	Monthly Container Charge: March 2016
46	Staples	118.24		2016-142	Office Supplies
47	Star Ledger	582.66		2016-242	Legal Ad: 4/29/16
48	State of NJ	33,881.22	TEPS	2016-214	Hospitalization: Active Employees: 4/16
49	State of NJ	1,283.63	TEPS	2016-215	Hospitalization: Retiree Employees: 5/16
50	Town of Secaucus	1,630.08		2016-216	Dental Reimbursement: May 2016
51	Union Auto Parts	127.48		2016-203	Air & Oil Filters
52	Universal Electric	5,212.00		2016-99	Furnish & Install Plant Water Pump
53	US BANK	1,000.00	9836	2016-210	Trustee Fee:NJEIT 2010 A&B

54	Verizon	217.75	9839	2016-213	Telephones
55	Verizon Wireless	203.24	9846	2016-248	Telephones: 03/13/16 to 04/12/16
56	WEF	103.00		2016-222	Annual Membership Dues N. Nielsen
57	WEF	103.00		2016-223	Annual Membership Dues S. Bronowich
58	WEX Bank (Sunoco)	386.72	9837	2016-209	Fuel: March 2016
TOTAL:		140,462.54			

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

Old Business:

New Business:

Report of the Executive Director April 2016

- We're trying one more sampling event at the NBMUA Woodcliff Treatment Facility. We will have analytical data for the possible removal of copper in the waste stream. Copper is a metal that our facility is pending a limit that cannot be met through the traditional treatment methods at the Koelle Boulevard Facility.
- Contract specifications went out to bid for the purchase and installation of the dual fuel converter {on Agenda for this meeting}.
- The Authority's Environmental/Regulatory Engineering firm PS&S has been assisting with the documentation/submittals for the grant(s) funding.
- Awaiting a report from Gabel Associates regarding the possibility of another array of solar panels that would be marketed through a third party contractor at no cost to the Authority.
- Continued contact with the Town regarding the possible connection of the USCG Auxiliary building to the SMUA sanitary on Meadowland Parkway.
- One of the yard hydrants line broke. While repairing this, it was discovered that there were numerous conduit feeds that were improperly installed. We will have to excavate to determine the scope of work.
- Received preliminary report on SCADA feasibility study and met with ENSOCORP to discuss. Chuck Cuyulis gave a brief presentation at the April meeting. Met with Chuck and Glenn to discuss what would be needed in regards to drawings for the placement of conduit runs and MCC panels.
- For the month of March 2016, the Jet Truck was out eleven (11) full days assisting the DPW.
- Met with the members of the NJHDG to discuss plans moving forward to supply regulatory agencies with analytical data in an effort to prove a reduction in discharge limitations is appropriate.

- Met with representatives from Hartz Mountain Industries regarding a reallocation of flow credit for 46 Meadowland Parkway and the proposed construction of new residential units located at 100 Park Plaza.
- Getting ready to begin the third cycle application of Strike, the lavacide to reduce fly population and began installing screens on each vent of the trickling filters.

**SECAUCUS MUNICIPAL UTILITIES AUTHORITY
ENGINEERS REPORT
FOR THE MONTH OF APRIL 2016**

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

- Started design and specifications for the Generator conversion to N.G. I am still waiting on information from the manufacturer on the required installation requirements. PSEG will extend a high pressure line from Huber Street. Through value engineering, we revised the route of the PSEG gas line, new cost to PSEG has reduced from \$94,966.74 to \$75,720.04. Meeting with the manufacturer concerning design aspects of project, revising drawings according. SMUA sent PSEG check for high pressure line extension. PSEG to start gas line extension when recent snow is removed. High pressure line has been installed. Will seek a resolution to allow a sole source bidding process for the gas/diesel convertor. Specifications and Plans are being finalized for Bids in April 2016. Bids were published and will be accepted on April 29, 2016.
- Still looking into a design to supply sanitary services to the Coast Guard Building. Designed a gravity system from the property line to a manhole on the trunk sanitary sewer in Meadowlands Parkway, waiting on an estimate from the contractor. Received an estimate for the gravity line, will look at a pump station with gravity line. Waiting on the estimate for the force main and pump station. Received information on the pump station, however, it has been revealed by the Town electrician that sufficient power is not available for a pump station and a new 3 phase service would need to be installed. Received quote for installation of a force main. Complying the costs of the force main, pump station installation and new power source. Submitted to Town for review. We have been contacted by the Building Department and the Mayor concerning this project. The Mayor has requested a meeting on this project. Waiting on his availability.
- Spoke to the applicant's engineer about a proposed connection at 1 County Avenue. Reviewing application. Engineer received review letter and stated that the design may change. Unsuccessful attempt to return calls to Applicants permit engineer. Waiting on design plans from the applicant. Received plans and reviewed, issued comments back to the applicants engineer.
- Contacted Tax Department to ascertain new tax maps for use by the Authority for facilities inventory. Waiting for meeting schedule. Will be attending a meeting at NJSIA on their GIA/Meri system. The tax department is waiting on a proposal from the Town to update the Tax Maps.

- Met with PSEG concerning the possible expansion of the existing Solar Panel System. Sent elevations and cross section of the Primary Clarifier tanks to Contractor. Contractor will get back to us with their findings.
- Excessive grease accumulated at the Turnpike PS, investigating. Also increase flow is being experienced at the Turnpike PS.
- The pump guide rails and support have been compromised at the Seaview Pump Station. Reaching out for proposals to repair. Rapid Pump submitted a proposal of \$4,290. Awarded contract to Rapid to repair. Work has started with an expected finish date of 3/31/2016. Work has been completed and accepted.
- Spoke with National Watermain and others concerning a manhole lining/coating system for the collection system older brick man holes throughout the Town, especially the Clarendon Area. Also looking into the Predl rehabilitation system. Waiting on a date from a contractor to demonstrate a rehabilitation procedure.
- Reviewing status of existing bucket chains and sprockets on Grit Chamber #3. Possible need to replace chains. Facility to order chains.
- Started investigation to determine the capital cost for the replacement of the trickling filters plastic media. Estimated cost for delivery of Media is \$1,000,000 without installation or disposal of old media
- Investigating the leaking of the plant water system by the secondary clarifier area. Also looking into a replacement for a 1-1/2" yard hydrant that has been deteriorated beyond use. Hydrant has been ordered, waiting on delivery. Additional conduit have been found that doesn't appear to be properly installed, will investigate. Contractor to return to repair the hydrant and uncover the conduit.
- Prepared scope to replace roof on Pump Station #2/3 building and sent to three roofing contractors for quotes.
- Reviewing information of revised project at 46 Meadowlands Parkway.
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Beckmeyer Engineering, P.C.
Glenn M. Beckmeyer, P.E., P.P., CME
Authority Engineer
April 27, 2016

OPERATIONS REPORT – April 2016
Submitted May 2, 2016

KOELLE BOULEVARD FACILITY

- 1) The estimated average daily flow for the month was 2.4555 MGD. Maximum daily flow was 3.8 M.G.; the estimated total flow for the month was 73.632 MG.
- 2) The Odor Control system was drained and cleaned. Training was conducted on the operation of the Odor Control System.
- 3) The monthly test was conducted on the Emergency Generator. The diesel tank was topped off with fuel.
- 4) Plant Water pump number one was repaired and is back in service.
- 5) Routine maintenance and grounds keeping were performed.
- 6) The Serpentine tank was drained and cleaned.
- 7) Biannual cleaning and maintenance was conducted on Stage One and Stage Two Trickling filters.

- 8) Screening has been installed on the aeration openings on the Trickling Filters. This was done to help with the fly problem.
- 9) Support rods for the distribution arms of Stage Two Trickling Filter were repaired.
- 10) Biannual cleaning and maintenance was conducted on the Secondary Clarifiers.
- 11) A new Plant Water hydrant was installed south of the middle Secondary Clarifier. We are awaiting Persistent Construction to complete the job.
- 12) Sludge Blower number one has failed It was replaced with a Gardner Denver Blower. A new Gardner Denver blower has been ordered.
- 13) The west entry door and the garage door in the Jet Truck building were repaired.
- 14) The flushing valves were reinstalled on all pumps located in Pump Station number two.
- 15) The rubber on the sludge collection arm located in the Sludge Thickening tank was replaced.
- 16) The pillow block was replaced on the south fresh air blower located in the pipe gallery.
- 17) The N.J.D.E.P. was onsite to inspect the Emergency Generator diesel fuel tank.
- 18) Strike insecticide continues to be added to the Primary Clarifier effluent to combat the flies.

PUMP STATION # 1 Village Place

- 1) The estimated average daily flow was 1.045 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 69,510 g.p.d...
- 2) Routine maintenance and grounds keeping were performed.
- 3) The wet well was cleaned.
- 4) A new ladder is being installed in the wet well.

PUMP STATION # 3 Henry Street

- 1) The estimated average daily flow was 54,552 g.p.d.
- 2) Routine maintenance and grounds keeping were performed.
- 3) Rudox repaired an electrical problem with the emergency generator.

PUMP STATION # 4 New County Road and Seaview Drive

Routine maintenance was performed.

PUMP STATION # 5 Wilroy – Secaucus Road

This station is not in service. Grounds keeping was performed.

PUMP STATION # 6 Castle Road

- 1) Routine Maintenance and grounds keeping were performed.
- 2) The estimated average flow was 16,415 g.p.d.

PUMP STATION #7 - Exchange Junction

- 1) Routine maintenance was performed.
- 2) During extremely high winds the gate at the station was damaged. Exchange will be repairing the gate

COLLECTION SYSTEM:

- 1) The driver of the Jet Truck has been out on medical leave.

Respectfully Submitted

Brian A. Beckmeyer Sr.
Superintendent

At 7:40 PM, a motion was made by F. Vogel, second by J. Cardenas 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) To discuss Personnel

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 7:44 by F. Vogel seconded by G. Schoenrock to close Executive Session and re-open the meeting to the public. All in favor

A motion was made to adjourn the meeting at 7:45 by G. Schoenrock; seconded by J. Cardenas. All in Favor: 3-0-0.