

July 6, 2015

The Executive Director reported that Commissioner Schoenrock would be a few minutes late and that Chairman Vogel had a prior commitment. Meeting was called to order at 7:10 PM. Minutes of a meeting of the Secaucus Municipal Utilities Authority held on Monday, July 06, 2015 held in the 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:	George Schoenrock	Secretary
	Jorge Cardenas	Assistant Secretary
	Michael Valente	Treasurer

Absent: Fred Vogel and Guy Pascarello (Excused).

Also Present: Andy Srodin, Beckmeyer Engineering and John Napolitano, Counsel.

The Minutes of June 1, 2015 meeting were approved on a motion made by M. Valente, second by J. Cardenas. Approved by Roll Call G. Schoenrock Aye; J. Cardenas Aye; M. Valente, Aye ; 3-0-0.

The following Resolution was moved on a motion by G. Schoenrock, seconded by M. Valente:

RESOLUTION 2015
SECAUCUS MUNICIPAL UTILITIES AUTHORITY
Hudson County, New Jersey

Resolution Authorizing Agreement with Public Service Electric & Gas

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, the Authority wishes to modify its emergency generator to better protect the environment and community during emergencies; and

WHEREAS, the Authority wishes to modify its existing emergency generator to operate on natural gas in addition to diesel fuel; and

WHEREAS, it is necessary to have Public Service Electric and Gas (“PSEG”) to install a new higher pressure gas main to the Authority facility for the emergency generator; and

WHEREAS, PSEG has submitted a proposal to the Authority to install approximately 1,666 feet of 2 inch diameter HTNP pipe for a cost of \$95,566.74; and

WHEREAS, the Authority wishes to contract with PSEG to install the high pressure gas line; and

WHEREAS, the New Jersey Local Public Contracts Law (N.J.S.A. 40A:11-5) exempts the award of contracts with entities regulated by the Bureau of Public Utilities from the requirements of public advertising and bidding; and

NOW THEREFORE BE IT RESOLVED BY THE MEMBERS OF THE BOARD OF THE SECAUCUS MUNICIPAL UTILITIES AUTHORITY, as follows:

1. The Secaucus MUA Executive Director is hereby authorized and directed to execute the agreement with Public Service Electric and Gas.
2. A notice of this action shall be published in the official newspaper of the Authority.
3. This contract is awarded in compliance with the requirements of N.J.S.A. 19:44A-20.4 et seq.

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

Commissioner Valente inquired if this was to enhance with Natural Gas, and, about the timing. The Executive Director said yes, and, the timing would not be until after affirmation from the state regarding grant money. Commissioner Valente asked if it would come to vote again at that time. John Napolitano said no, however there will be additional work that would be bid on.

This Resolution was approved on a motion by
Roll Call Vote: G. Schoenrock; Aye; M. Valente; Aye; J. Cardenas; Abstain.

Voucher List was moved on a motion made by G. Schoenrock, second by J. Cardenas.

Voucher List as follows:



Voucher List for Meeting of July 06, 2015

Prepared: 06/26/15

Number	COMPANY	MONEY	CK#	PO#	REASON
1	Alpha Dog	150.00		2015-305	Monthly Maintenance & Monthly Hosting 6/2015
2	Automatic Suppression	1,450.00		2015-308	Annual Contract
3	Automatic Suppression	369.50		2015-307	Service to Fire Alarm System
4	Beckmeyer Engineering	6,250.00		2015-321	Engineering Services: June 2015
5	Bellaqua	80.40		2015-328	Water
6	Cleary Giacobbe Alfieri	3,850.00		2015-330	Legal Services:5/1/15 to 5/31/15
7	Comcast	110.08		2015-301	Internet Services: 06/02/15-07/01/15

8	Computer Systems	606.30		2015-248	Computer Equipment for CCTV truck
9	Coyne Chemical	1,825.46		2015-249	Zetag Polymer
10	Crystal Carpet Cleaning	390.00		2015-294	Office Carpet Cleaning
11	Divita Balance	240.00		2015-344	Lab Scale Yearly Calibration
12	Elevator Maintenance Corp	360.00		2015-317	Emergency Repair
13	Emerald	318.95		2015-298	Latex Gloves
14	Ferraioli, Weilkotz, Cerullo	17,500.00		2015-315	Auditing Services YR Ending Dec. 2014
15	Fisher Scientific	541.25		2015-247	Lab Supplies
16	Fisher Scientific	451.50		2015-292	Lab Supplies
17	GLEC	250.96		2015-356	HDG Consulting Services
18	Grainger	32.88		2015-335	Paint Brushes
19	Grainger	202.32		2015-343	Spray Nozzles
20	Grainger	66.43		2015-348	Cleaning Cloths 50lbs
21	Hach	125.34		2015-246	Lab Supplies
22	Home Depot	139.01		2015-312	Office Supplies
23	Industrial Chem. Labs	1,158.61		2015-286	Lift Station Degreaser
24	JCI Chemical	1,887.65		2015-295	Sodium Hypochlorite
25	McManimon & Scotland	140.00		2015-306	Professional services: April 2015
26	Metro Pressure Systems	260.30		2015-361	Power Cord w/GFI for Steam Jenny
27	Miracle Chemical	1,826.65		2015-281	Sodium Bisulfite
28	Municipal Capital Finance	164.77	9295	2015-320	Copier Lease: Payment #24 6/2015
29	One Call Concepts	7.44		2015-319	Markouts
30	Persistent Construction	89,608.00	9303	2015-346	3rd Street Sewer Replacement
31	Precision Electric	125.00		2015-297	Repair Motor for Odor Control Fan
32	PS&S	130.00		2015-331	Professional services: Followup FEMA & ARRA Loan
33	PS&S	387.50		2015-332	Professional services: Work Related to HMGP Grant
34	PSEG	20,816.05	9297	2015-323	Power: 2015
35	PVSC	13,536.00		2015-355	Sludge Disposal:05/16/15 to 06/15/2015
36	QC Labs	248.40		2015-302	Analytical Services: 5/07/2015
37	QC Labs	90.00		2015-303	Analytical Services: 5/22/2015
38	QC Labs	90.00		2015-304	Analytical Services: 5/21/2015
39	QC Labs	33.00		2015-333	Analytical Services: Toscana Grab 6/3/15
40	R&D Trucking	5,480.00		2015-318	Sludge Removal: May 2015
41	Rudox	6,000.00		2015-316	Maintenance on Generators as per Contract
42	Scott Enviromental	150.00		2015-354	Qtrly Connection Test & Maintenance Report
43	Secaucus Home News	111.60		2015-362	Legal Ad: Synopsis of Audit
44	Spectraserv	3,440.00		2015-329	Monthly Container Charge:May2015
45	Staples	148.51		2015-251	Office Supplies
46	Staples	273.91		2015-255	Office Supplies
47	State of NJ	31,950.14	TEPS	2015-311	Hospitalization: Active Employees
48	State of NJ	1,218.09	TEPS	2015-309	Hospitalization: Retiree Employees
49	Town of Secaucus	1,583.02		2015-310	Dental Reimbursement: July 2015
50	Town of Secaucus	2,934.10		2015-324	Police Traffic Detail 3rd & Pandolfi

51	United Water	5,508.33		2015-364	Water:4/19/15 to 5/22/15
52	USA	86.01		2015-327	Skimmers
53	Verizon	217.50		2015-322	Telephones
54	Verizon Wireless	220.46	9302	2015-357	Telephones: 5/13/15 to 6/12/15
55	WEX Bank (Sunoco)	643.18	9255	2015-296	Fuel May 2015
TOTAL:		225,784.60			

NOTES: On voucher list 06/01/15 Line#20 for Interstate battery should have been \$313.90 correct amount paid

Roll Call to approve the voucher list as presented. G. Schoenrock Aye; J. Cardenas Aye; M. Valente, Aye; 3-0-0.

Report of the Executive Director
June 2015

- Construction has been completed on the Third Street sewer replacement. Currently waiting for settlement to subside before applying the surface (top) coat of asphalt. Received quotations for paving the entire roadway. The contractor has agreed to payment less than the contracted amount for this work. See correspondence.
- Continued work on the HMP grant for the dual-fuel convertor for the emergency generator. See correspondence regarding the installation of a new high pressure gas line.
- Received correspondence from Mr. Tonrey, counsel for Toscana violations of sewer use ordinance. Authority Counsel will discuss.
- The Water Environment Federation conference will be held in Chicago, the last week of September 2015.
- Spoke to the Engineer for 734 County Avenue. He has tried several times over the past month to contact the owner, Mr. Patel. All attempts were unsuccessful. The sixty-day time-frame for the owner to correct the issues outlined in the approving resolution expired 5/30/15. Mr. Patel paid the remaining portion of the connection fee for this project, but has not complied with the requirements of the Authority Engineer. See correspondence. Counsel to discuss.

Legal:

Mr. Napolitano stated that correspondence was received from the attorney representing Toscana regarding a proposed schedule for completion of certain tasks that Toscana was to perform prior to the Authority considering reduction of any current fines. The Executive Director stated that we requested information on a contract that Toscana had indicated they entered into with

Ecolabs, in an effort to address pH violations. To date, the Authority has not received this information.

734 County Avenue: We have received and deposited (under advice of counsel) two checks totaling \$25,942.00 for the connection fee from SKAD Enterprises LLC. However, Mr. Patel still has not completed the work he agreed to. The Executive Director has spoken with the mayor regarding this matter, and sent an email to Foula Ballas (Building Department) and the mayor. Mr. Patel did not copy his engineer on his email to the Authority and the Authority Engineer forwarded this to him. Counsel advised that we request that the Building Department not issue Certificate of Occupancies for this project, and, that we request the temporary Certificates of Occupancy be revoked for unoccupied units. Mr. Bigler reported that Mr. Patel informed him that all units had been rented. No additional connections should be issued on future projects proposed by Mr. Patel until such time as this matter is resolved. Counsel has agreed to talk with David Drumeler and the town attorney to prepare a joint letter. Commissioner Cardenas inquired about total cost which the Executive Director estimated at \$20,000.00. Counsel added that the Building Department can issue violations if the property is not built in accordance with the requirements.

New Business: None

Old Business: None

**SECAUCUS MUNICIPAL UTILITIES AUTHORITY
ENGINEERS REPORT
FOR THE MONTH OF JUNE 2015**

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

- Toscana has been issued a Notice of Violation of \$10,000 for discharge violation of TSS and CBOD₅ on December 30, 2014 that exceeded the limits as set in the new "Agreement." Toscana was also notified that as per the "Agreement", they have violated two out of the three allowable significant discharges within a 90 day period. If another significant discharge is recorded by March 30, 2015 an automatic violation of \$100,000 will be issued. Also, five (#5) times the discharge had exceeded the allowable pH of 9.0 but within the significant range of 10.80, these will be issued a Violation of \$1,000 each, one (#1) time the discharge had exceeded the significant pH of 10.81, this will be issued a Violation of \$5,000 each, and two (#2) times the discharge had fallen below the significant pH of 4.79, this will be issued a Violation of \$5,000 each, for an additional Violation of \$20,000. The pH Notices will be distributed this week. All notices have been delivered with Toscana responding via their attorney. A discharge violation occurred on June 3, 2015, further information will be supplied.

- Primary Clarifier Tanks #4 and 5. **(Prior work description can be found in previous months Engineering Reports)** Additional work will be required on the scum pipe at the perimeter of Tank #2 and on the concrete tanks themselves at various locations. The proposal for the Scum Pipe on Tank #2 is for \$15,980.00. We are reviewing the proposals from the contractor on the Concrete work. Change Order #1 in the amount of \$15,980.00 has been approved and sent to the contractor to begin. The contractor began the work on the Scum Pipe beginning the week of January 19, 2015. Work during the week of January 26 has stopped due to the weather. The Scum pipe was found to be corroded to a point of structural failure, there a Change Order #2 in the amount of \$19,890.00 has been submitted, and with prior notice from the Commissioners, has been preliminarily approved and awarded to the contractor. Designed a scope of work for the repair of the concrete stairs on the side of the Primary Clarifier. Preparing to contact contractor to get proposals for the work. Submitted scope of work to repair concrete and stair nosing on the primary clarifiers. Waiting on estimates for the concrete work. Scum pipes have been delivered and installed. The scum pipes have been installed. The concrete work was awarded.
- Starting reviewing specifications for new post aeration blowers. Also, reviewing the possibility of changing speed of blowers to reduce power consumption. It has been decided to leave the existing blowers but to adjust the speed to reduce energy costs. A quote on utilizing a VFD to control the blower speed is being reviewed.
- Received proposed plans for a small pump station and 1,170 lf. of 1.25" dia forcemain from the Frank R. Lautenberg Station to the SMUA gravity sewer in North Drive. Started review and requested further information. Received further information, but not all requested, and are reviewing. Received further information and in review process. Reviewing calculations on Hydrogen Sulfide production within the lengthy force main and determining if the hydrogen sulfide will affect the integrity and the odor of the sewer system and safety and wellness of the SMUA workers. Submitted engineer's review.
- Reviewed site plan for Sanitary Sewer Connection Application for 34 Meadowlands Parkway. Requested further information.
- Reviewed site plan for Sanitary Sewer Connection Application for 46 Meadowlands Parkway. Requested further information.
- Received and reviewing revised plans for 734 County Ave. Requested information and requirements for approval. Owner has been calling, however engineer's review letter has not been rectified. Developer has asked for connection approval for the connection, however, the contractor did NOT notify the SMUA of the proposed work, the engineers review letter had never been rectified, the work was not installed as per the Developer's Engineer's plans, nor the connection or work witnessed by the SMUA. This office requested a video from the Contractor of the system. The first video was of a very poor quality, but depicted many issues with the installation. This office

requested another video of a different method to improve the quality, however, that video only substantiated our original findings. At this time this office can not approve the connection. The owner was given sixty days to comply with the engineers review, as of this date this office has not been notified of any work performed. The owner sent the SMUA an email asking for an extension and a request to not perform the work agreed to by the agreement.

- Redesign concrete work for elevating sludge building opening to extend up beyond Mill Creek flood stage. Waiting on proposals. Work has been completed. Waiting on gates and doors to finish the project.
- Attended another meeting with the Hudson County Mitigation Plan in Kearny, NJ. SMUA to receive \$100,000 for the installation of a new generator to the bypass pumps and for the conversion of the existing generator to dual fuel. Starting looking into the Generator conversion to N.G. and new Generator at bypass pump station. Contacting Gas Co. to see if gas supply is sufficient at our location and the method of bringing the supply to the generator. PS&S will be submitting the application of the proposed work for approval. I am still waiting on information from the manufacturer on the required gas supply and pressure required. Information received and submitted to PSEG for their investigation on supply availability. PSE&G requested further information which has been submitted to them. Submitted to PSEG natural gas consumption of the facilities boilers and the proposed dual fuel convertor for the generator. PSE&G is reviewing. Met with PSEG officials at the facility to discuss main line pressures and service installation. Received proposals from PSE&G for connecting with the low pressure line and the use of a booster pump or the installation of a new high pressure line. Analyzing proposals. Supplied estimates for the HMP Grant application.
- Reviewing application for MLB Network located at 40 Hartz Way. Submitted engineers review.
- Met representative with “Rent the Runway” about a new connection. Waiting on application and requested information. Received information on old water bills and plans, reviewing information.
- Started looking into a design to supply sanitary services to the Coast Guard Building. It will be proposed to install 350 gal holding tanks alongside the building to store wastewater until the SMUA can collect with the VacTruck. for disposal at the Koelle Blvd facility. Checking on NJMC and NJDEP permitting requirements. Will start investigating the proposal to install a gravity line from the new facility to the existing trunk line within Meadowlands Parkway. Preparing information to go to Verizon for utility crossing clearances. Met with Persistent to review options with the installation of the sewer lateral. Waiting on Persistent for proposal for work. Received a proposal from Persistent. Performed test pits to try to redesign to a lower cost. 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.

- Receiving proposals to replace section or force mains within the pump station at Castle Road. Requested additional information from the low bidder. Low Bidder rescinded the quote, will need to request additional quotes from other contractors. Waiting on a proposal from additional vendors.
- Reviewing options and proposals to replace the Sodium Hypochlorite lines from the Chlorine Storage building to the Chlorine Contact Tanks. Requested additional quotes from other contractors. Received a quote from a contractor waiting on paper work.
- Responded to an emergency repair on Third Street between Pandolfi Ave and the terminus. Line was CCTV and was found to be a Clay Pipe that is in bad condition. Pipe is cracked, joints out of alignment, and sections missing causing backups. It is the recommendation of this office to replace the existing clay pipe with new PVC pipe. A quote has been received from Persistent to replace the pipe. Contractor started the work to replace the sanitary sewer from Pandolfi Ave to terminus. Work has been completed except the final top course of pavement. Town engineer requested that the entire street be milled and paved. Reviewing different options for costs.
- CCTV was also performed on Minnie Place, First Street, Second Street, and Fourth Street. Fourth Street had been replaced with PVC pipe already and is in no need of work. However, the remaining streets are of similar condition of Third Street and are being reviewed for future repair work. A further detailed report will be presented by the next meeting. Still reviewing the video for the report
- Met at the site with engineer and representatives for the new Hudson Technical School on New County Road and discussed possible location of sanitary sewer connection. They questioned the amount of the connection fee, it was explained that the amount of the ERU's is set by the commissioners once a year and the fee is derived from the average daily flow as presented by the applicants engineer. They were to revisit their engineer's numbers.
- Reviewed information from the SMUA Sewer contractor to install approximately 170 feet of 8 inch pvc sanitary sewer within Seventh Street. This road has a concrete base and therefore will be more money to replace. The sewer is in extreme poor condition in one section and it is advised to replace this section before the Town repaves the road.

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

June 30, 2015

OPERATIONS REPORT – June 2015
Submitted July 6, 2015

KOELLE BOULEVARD FACILITY

- 1) The average daily flow for the month was 2.9422 MGD. Maximum daily flow was 4.5059 MG Total Flow for the month was 89.1431 MG.
- 2) The Serpentine Tank was drained and cleaned.
- 3) Routine maintenance and grounds keeping was performed.
- 4) Drive belts were changed on the small Odor Control fan.
- 5) The starter contact was replaced for plant water pump number one which is located in the control panel.
- 6) All Trickling Filter distribution arms were flushed and cleaned.
- 7) Concrete repair in various locations at the Plant should begin in the first week of July.
- 8) The motor for Plant water Pump number one failed. The motor was replaced.
- 9) The gear box for the Sludge Transfer Pump has failed. A purchase order was generated to purchase a new sludge transfer pump. The Authority is awaiting the delivery of the new pump.
- 10) The Plant backflow preventer was calibrated and checked by Mr. Scott Knight.
- 11) Primary Clarifier number one, west end settling zone had the motor, gear box and sprocket replaced.
- 12) Sludge transfer pump number two love joy was replaced. This is located between the motor and the pump.

PUMP STATION # 1 Village Place

- 1) The average daily flow for the month was 1.109 MG.
- 2) All pumps cleaned and maintained on a regular basis.
- 3) Routine maintenance and grounds keeping was performed.

PUMP STATION # 2 Paterson Plank Road and Turnpike Exit

- 1) The average daily flow for the station was 69,643 gallons.
- 2) Routine maintenance and grounds keeping was performed.

PUMP STATION # 3 Henry Street

- 1) The average daily flow was 68,073 gallons.
- 2) Routine maintenance and grounds keeping was performed.

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 were performed.

PUMP STATION # 6 Castle Road

- 1) Routine Maintenance and ground keeping were performed.
- 2) Anti-freeze was changed in the Generator.

PUMP STATION #7 - Exchange Junction

- 1) Routine maintenance was performed.
- 2) The Transformer was raised off t of the ground.
- 3) Anti-freeze was changed in the Generator.
- 4) While cleaning the wet well the level transducer was damaged. Repairs are scheduled.

COLLECTION SYSTEM:

The Authority cleaned approximately 3,800 feet of sanitary sewer lines for the month. The Authority also assisted the D.P.W. in cleaning catch basins.

Respectfully Submitted

Brian A. Beckmeyer Sr.
Superintendent

A motion was made to adjourn the meeting a 7:50 by J. Cardenas, seconded by G. Schoenrock.
All in Favor: 3-0-0.