

Minutes of Special Meeting

Minutes of a meeting of the Secaucus Municipal Utilities Authority held on Monday, August 06, 2015 held in the Conference Room, 1100 Koelle Boulevard, Secaucus, New Jersey 07094.

The Executive Director reported this Special Meeting would encompass all the business that was scheduled for the August 3rd 2015 regular meeting of the Authority. The notice had been forwarded to the Secaucus Home News, the Municipal Clerks office and was posted on the official website. The meeting was called to order at 4:00 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
	Jorge Cardenas	Assistant Secretary

Absent: Guy Pascarello and Michael Valente (Excused).

Also Present: Justin Glass (for J. Napolitano), Counsel and Perry Frenzel representing 1 County Road and 724 County Ave.

The Minutes of July 6, 2015 meeting were approved on a motion made by G. Schoenrock, second by J. Cardenas. Approved by Roll Call G. Schoenrock Aye; J. Cardenas Aye; F. Vogel, Aye ; 3-0-0.

Mr. Frenzel gave a detailed report on the application before the Board for 1 County Road.

The following Resolution was moved on a motion by G. Schoenrock, seconded by J. Cardenas:

RESOLUTION 2015-08A
SECAUCUS MUNICIPAL UTILITIES AUTHORITY
Hudson County, New Jersey

RESOLUTION AUTHORIZING A SANITARY SEWER CONNECTION
1 County Road

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, County Road, LLC (hereinafter “Applicant”) with offices at 901 Penhorn Avenue; Secaucus, New Jersey, has applied to the Authority to connect the property located at 1 County Road, Lots 2 & 4 Block 94, for a warehouse and office facility to the Authority’s sanitary sewer system; and

WHEREAS, the Authority Engineer, Beckmeyer Engineering shall review the application to determine there exists adequate conveyance capacity to transmit wastewater emanating from such location to the Authority's wastewater treatment plant and that 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 \$435,591.32 connection fee to the Authority (based on current flow criteria); computed as follows: $(16,197/300\text{gals/ERU} \times 8,068.00/\text{ERU} = 435,591.32^*)$

*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.

Approved by Roll Call Vote: G. Schoenrock Aye; J. Cardenas Aye; F. Vogel, Aye; 3-0-0.

Voucher List was moved on a motion made by G. Schoenrock, second by F. Vogel.

Voucher List as follows:



Voucher List for Meeting of AUGUST 03, 2015

Prepared: 07/26/15

Number	COMPANY	MONEY	CK#	PO#	REASON
1	Action Rubber	309.80		2015-371	Hose & Steel Hose Clamp for Jet Truck
2	Alpha Dog	150.00		2015-376	Monthly Maintenance & Monthly Hosting July 2015
3	Atlantic Tomorrows Office	327.68		2015-410	Copy Kit Fee 4/01/15 to 6/30/15
4	Beckmeyer Engineering	6,250.00		2015-415	Engineering Services: July 2015
5	Beckmeyer Engineering	3,870.00		2015-411	Work Performed for Approved Contracts
6	Bellaqua	89.70		2015-419	Water
7	Care Station	217.00		2015-413	Physical: Joseph Lelinho
8	Cleary Giacobbe Alfieri	3,978.60		2015-409	Legal Services:6/01/2015 to 6/30/2015
9	Comcast	110.08	9343	2015-379	Internet Services: 07/02/15-08/01/15
10	Cooper Electric	78.00		2015-391	Bulb Replacements for Pump Station Panel
11	Coyne Chemical	1,825.46		2015-377	Zetag Polymer
12	Dubow's Auto Repair, Inc.	624.00		2015-165	Repair to Chevy Truck
13	Emerald	253.95		2015-345	Latex Gloves
14	Emerald	253.95		2015-382	Latex Gloves
15	Eurofins QC Lab	248.40		2015-374	Analytical Services: 6/04/15
16	Eurofins QC Lab	236.50		2015-373	Analytical Services: 6/04/15
17	Eurofins QC Lab	33.00		2015-416	Analytical Services: Toscana Grab 7/13/15
18	Eurofins QC Lab	248.40		2015-417	Analytical Services: 7/09/15
19	Eurofins QC Lab	28.00		2015-418	Analytical Services: 7/09/15 Distilled Water
20	FedEx	20.50		2015-407	Packages
21	Fisher Scientific	1,053.27		2015-314	Lab Supplies
22	Fisher Scientific	1,045.66		2015-393	Lab Supplies
23	Gpanj	200.00	9305	2015-368	Annual Membership Dues: K. Acevedo & B. Bigler
24	Grainger	102.27		2015-351	20" Fan
25	Grainger	58.52		2015-360	Manhole Hook
26	Grainger	77.32		2015-385	Telescope Skimming Pole for Sludge Tank
27	Hach	753.28		2015-313	Lab Supplies
28	Hach	342.75		2015-394	Lab Supplies
29	Home Depot	166.60		2015-347	Yellow Safety Paint & Insect Spray
30	Home Depot	119.90		2015-366	Measuring Wheels
31	Home Depot	14.70		2015-372	Bag of Soil
32	Home Depot	89.82		2015-395	Ortho Home Defense Bug Spray
33	Hugerich Construction	9,759.00		2015-334	Installation of Sprinkler Line
34	JCI Chemical	1,900.00		2015-353	Sodium Hypochlorite
35	Life Savers	34.72		2015-370	AED Pads
36	Metro Pressure	454.00		2015-401	Repair to Steam Jenny
37	Miracle Chemical	1,171.21		2015-352	Sodium Bisulfite

38	Municipal Capital Finance	164.77		2015-389	Copier Lease: Payment #25 7/2015
39	Nassor Electric	82.44		2015-369	Alt Relay & Base for Plant Water Pump Repair
40	Nassor Electric	1,255.94		2015-350	Starters for Plant water Pumps
41	Nassor Electric	70.85		2015-386	Splicing Kit for Steam Jetty
42	NJ League of Municipalities	20.00		2015-412	Subscription: 10/2015 to 6/2016
43	NozzTeq.com	1,562.10		2015-358	Spinner Head & Custom Sled for Jet Truck
44	Olympic Glove	79.95		2015-388	Gas Meter Calibration
45	One Call Concepts	2.48		2015-414	Markouts
46	Peirce Eagle	1,425.78		2015-403	Repairs to Jet Truck
47	Persistent Construction	35,055.00		2015-425	7th Street Sewer Replacement
48	Pitney Bowes	126.50	9344	2015-380	Postage Meter Rental: 04/01/15 to 6/30/2015
49	PSEG	19,133.58		2015-423	Power: June 2015
50	PVSC	14,016.00		2015-404	Sludge Disposal:06/16/15 to 07/15/2015
51	R&D Trucking	5,760.00		2015-375	Sludge Removal: June 2015
52	Rapid Pump & Meter	7,510.40		2015-428	Retainage for Primary Clarifier Rehab as per contract
53	Regional Communications	108.00		2015-392	Batteries for Hand Held Radios
54	Spectraserv	3,440.00		2015-408	Monthly Container Charge:June 2015
55	Staples	240.85		2015-340	Office Supplies
56	Staples	68.05		2015-342	Office Supplies
57	State of NJ	30,041.68	TEPS	2015-405	Hospitalization: Active Employees
58	State of NJ	1,218.09	TEPS	2015-406	Hospitalization: Retiree Employees
59	Town of Secaucus	1,583.02		2015-426	Dental Reimbursement: August 2015
60	Verizon	182.81	9345	2015-381	Telephones
61	Verizon Wireless	259.54	9352	2015-422	Telephones: 6/13/15 to7/12/15
62	WEX Bank (Sunoco)	814.30	9346	2015-378	Fuel June 2015
TOTAL:		160,718.17			

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

Report of the Executive Director July 2015

- Sold solar generated SRECs through the Flett Exchange for \$6,044.50.
- Continued work on the HMP grant for the dual-fuel convertor for the emergency generator. Awaiting a decision from HMP regarding our completed application prior to authorizing the construction of the high pressure gas line.
- Received notification that Toscana was performing a feasibility study for a Dissolved Air Flotation (DAF) pretreatment system. There were two accidental discharges to the MUA collection system. The first occurred on July 13th at 9:00 AM; according to a Toscana

representative, the amount of this discharge was 75 gallons. A sample was taken and the results were CBOD5: 80,100 mg/l; TSS: 31,300 mg/l (limit respectively, 2,500 mg/l). The second discharge occurred on July 23rd at 9:15 AM. According to a Toscana representative, the amount of this discharge was 25 gallons. The MUA is awaiting analytical results. It should be noted that neither time was the Authority made aware of any problem(s); it was only after staff had contacted Toscana that a report detailing each incident was provided.

- Received an application for connection to the MUA collection system located at 1 County Road. This application, as presented and approved, would result in a connection fee of \$435,591.32.
- 734 County Avenue: Mr. Patel has been out of the country and is expected to return on July 27th. No further action on this. The Engineer will address during his report.
- Seventh Street sewer replacement was completed. After reviewing the video with the Authority Engineer, it was determined that only the first 150 feet had to be replaced. The original estimate was for 300 feet replacement and a revised estimate was quoted as ½ the original estimate of \$90,669.00 or \$45,334.50. The final invoice is for \$35,055.00.
- Executed a new contract with EnerG-Rudox for service for the 7 emergency generators located throughout the collection system and at the plant. As part of this new contract, we included testing/servicing of the Automatic Transfer Switches at each location that was added at no charge to the Authority.

New Business:

- 1) Final approval was received for the emergency generator. There is a meeting scheduled with the NJ State Police for August 18, 2015.
- 2) Toscana had another discharge on August 5, 2015. Again they did not notify us. Chairman Vogel commented that this was a clear violation. The Executive Director said that Mr. Papparazzo was contacted, and, should get back to us with details. We incurred overtime due to this unauthorized discharge. The cost for the overtime will be invoiced to Toscana. Chairman Vogel commented that this is a recurring problem and questioned what we were doing, working with the town, to be preventative/proactive. The Executive Director commented that he had spoken with Faula Ballas in the Buildings Department who has agreed to notify us prior to issuing any further permits. Also, this will be discussed further with counsel.
- 3) 734 County Avenue – Mr. Patel has been out of the country. Perry Frenzel commented that this will be 202,000 square feet of space, with 60,000 square feet of office space. Chairman Vogel questioned the occupancy for the office space. Mr. Frenzel stated that they had applied for the maximum amount. Commissioner Schoenrock inquired as to the exact location, Mr. Frenzel detailed the location saying there was a lone brick house, and,

the property was not fit for residential use due to contaminants. Chairman Vogel inquired about the contaminants, and, Mr. Fenzel stated there was petroleum and heavy metals. This will be capped by the development. Chairman Vogel questioned if the cap will be broken if a pump station is installed, Mr. Frenzel stated “yes”. If the SMUA is not satisfied, Mr. Patel will be forced to do the lateral as originally designed. He stated that his client was “under the gun” and he was convinced that this will get done. The Executive Director stated that Mr. Patel would need to request an extension in writing. Chairman Vogel also wants advisement from Glenn Beckmeyer.

- 4) The Executive Director commented that in 1984 the facility processed 2.9 million gallons and today it is an estimated 2.6 million gallons. Commissioner Cardenas inquired as to the reduction, the Executive Director explained that some of the decrease is due to the drought conditions, improvements in technology and plumbing (i.e. low flow toilets in the Senior Centers).
- 5) The Executive Director commented that the Primary Clarifier work has been completed, and, that Third Street is scheduled to be paved by the end of August.
- 6) The Executive Director advised that he will be doing a press release regarding the grant money.
- 7) The Executive Director announced that the facility has received a 2014 Platinum Peak Performance Award, from the National Association of Clean Water Agencies, in recognition of 16 years of complete and consistent National Pollutant Discharge Elimination System permit compliance.

Old Business: None

Legal: No Report

**SECAUCUS MUNICIPAL UTILITIES AUTHORITY
ENGINEERS REPORT
FOR THE MONTH OF JULY 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. Additional violations occurred on July 13, 2015 and July 23, 2015.

- 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. Concrete Work has been completed. The project has been completed.
- 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. The applicant's engineer is investigating other options to repair the existing lateral that he would be able to sign off on.

- 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. The application has been submitted.
- 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. 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.

- 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. Work has been completed.
- 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.
- 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. CCTV was performed on Seventh Street and it was determined the sanitary sewer needed to be replaced. The work has been completed awaiting the Town's paving project to add the final surface coarse pavement.

- Spoke to the applicant's engineer about a proposed connection at 1 County Avenue. Awaiting an appropriate application

Beckmeyer Engineering, P.C.
Glenn M. Beckmeyer, P.E.,P.P.,CME
Authority Engineer
July 29, 2015

OPERATIONS REPORT – July 2015
Submitted August 3, 2015

KOELLE BOULEVARD FACILITY

- 1) The average daily flow for the month was 2.5977 MGD. Maximum daily flow was 3.5908 MG. Total Flow for the month was 81.8224 MG.
- 2) The Serpentine Tank was drained and cleaned.
- 3) Routine maintenance and grounds keeping were performed.
- 4) The concrete stairs leading to the Primary Clarifiers were repaired.
- 5) The front steps leading to the Administration Building were repaired.
- 6) All Trickling Filter were cleaned and dosed with sodium hypochlorite in an attempt to combat the fly problem at the plant. Mr. Vincent Revelli (Heath Officer) was on site and called Western Exterminating in an attempt to find a solution to the fly problem. They had no answer.
- 7) Four sludge valves were replaced in the lower level of the Sludge Building. Longo Inc. completed the work.
- 8) Hugerich Construction installed two new sodium hypochlorite line from the Chlorine Building to the Post Aeration Tanks.
- 9) Pump Three located in Pump Station number three failed and was sent out for repair. Longo Inc. is conducting the repair.
- 10) A new Vogelsang positive displacement pump was installed in the lower level of the Sludge Building. This is a sludge transfer pump.
- 11) New rotary lobes were installed in sludge transfer pump number two.

PUMP STATION # 1 Village Place

- 1) The average daily flow was not available at the time of this report.
- 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 average daily flow was not available at the time of this report.
- 2) Routine maintenance and grounds keeping were performed.

PUMP STATION # 3 Henry Street

- 1) The average daily flow was not available at the time of this report.
- 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) Routine Maintenance and ground keeping were performed.
- 2) New parts for the emergency generator muffler were ordered.

PUMP STATION #7 - Exchange Junction

- 1) Routine maintenance was performed.
- 2) A new transducer was installed at the station. (level controller)

COLLECTION SYSTEM:

- 1) The Authority cleaned approximately 2,801 feet of sanitary sewer lines for the month. The Authority also assisted the D.P.W. in cleaning catch basins.
- 2) Upon the request of the Secaucus D.P.W. the Authority televised the Storm Culvert located in Golden Avenue.

Respectfully Submitted

Brian A. Beckmeyer Sr.
Superintendent

Citizens Comments: None

There being no further business, a motion was made to adjourn the meeting at 4:30 p.m. by G. Schoenrock seconded by F. Vogel. All in Favor: 3-0-0.