

September 03, 2019

Minutes of a meeting of the Secaucus Municipal Utilities Authority held on Tuesday, September 03, 2019 at 7:00 PM in Conference Room, 1100 Koelle Boulevard, Secaucus, New Jersey 07094. The meeting was called to order at 7:08 PM by Fred Vogel.

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

| | | |
|------------|--------------------|----------------|
| Roll Call: | Fred Vogel | Chairman |
| | Jorge Cardenas | Vice- Chairman |
| | George Schoenrock | Secretary |
| | Raymond Spellmeyer | Commissioner |
| | Dominic Manderano | Commissioner |

Also Present: John Napolitano, Counsel; Glenn Beckmeyer, Beckmeyer Engineering; Brian Bigler: Executive Director; Brian Bigler, Executive Director; Victor Paparazzo, Counsel Toscana Cheese; Katherine Acevedo QPA.

The minutes of the August 06, 2019 meeting were approved on a motion made by G. Schoenrock, second by J. Cardenas. All in favor: 5-0-0.

Resolution 2019-0902 was moved on a motion by R. Spellmeyer; seconded by J. Cardenas. The Executive Director gave a brief description of the Resolution which is as follows:

RESOLUTION 2019-0902
SECAUCUS MUNICIPAL UTILITIES AUTHORITY
Hudson County, New Jersey

RESOLUTION AUTHORIZING A SANITARY SEWER CONNECTION

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, Secaucus Riverside Urban Renewal, LLC(hereinafter “Applicant”), with offices at c/o Pirhl Acquisitions, LLC, 5 Commerce Way, Suite 210E, Hamilton, NJ 08691, has applied to the Authority to connect the property located at 1631 Paterson Plank Road, Block 191, Lot 15,15.01 & 15.03, to the Authority’s sanitary sewer system; and

WHEREAS, the Applicant has agreed to perform a flow study to confirm there exists adequate conveyance capacity in the existing sanitary sewer line and has agreed in the event adequate conveyance does not exist to replace the sanitary sewer line with a larger sanitary sewer line as required; and

WHEREAS, the Authority, through its engineer, Beckmeyer Engineering, has determined that there exists adequate treatment capacity at the Authority's wastewater treatment plant to treat such wastewater; and

NOW, THEREFORE, BE IT RESOLVED, that the application of _____ to connect to the Authority's sanitary sewer system is hereby approved, subject to the following:

1. Payment of \$664,738 connection fee to the Authority {based on current flow criteria}; computed as follows: (21,900 gpd/300gpd/ERU x \$9,106 ERU = 664,738.*)

*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.

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

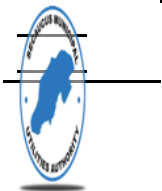
BE IT FURTHER RESOLVED BY THE MEMBERS OF THE BOARD OF THE SECAUCUS MUNICIPAL UTILITIES AUTHORITY, that the Executive Director is hereby authorized and empowered to take whatever action may be necessary and execute any documents that may be required, on behalf of the Authority, after consultation with legal counsel, to effectuate the purposes of this Resolution.

Date: September 3, 2019

Resolution 2019-0902 was then approved by Roll Call vote: D. Manderano, Aye; R. Spellmeyer, Aye; G. Schoenrock, Aye; J. Cardenas, Aye; F. Vogel, Aye. 5-0-0.

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

Voucher List as follows:



Voucher List for Meeting of Sept. 03, 2019

Prepared: 08/25/19

| NUMBER | COMPANY | MONEY | PO# | REASON |
|--------|---------------------------|-----------|----------|---|
| 1 | Accent Control | 829.93 | 2019-367 | Signet ORP Electrodes |
| 2 | Action Rubber | 357.55 | 2019-439 | Hose Jet Truck |
| 3 | Amazon | 58.28 | 2019-443 | Office Supplies |
| 4 | Applied Analytics | 1,565.00 | 2019-359 | Annual Calibration of Flow Meters |
| 5 | Associated Fire | 882.75 | 2019-336 | Repair & Testing to Fire System |
| 6 | Beckmeyer Engineering | 6,250.00 | 2019-431 | Engineering Services: August 2019 |
| 7 | Bellaqua | 203.10 | 2019-470 | Water |
| 8 | Centrica/ Ener-G Rudox | 6,178.00 | 2019-475 | Maintenance Agreement 1st Payment |
| 9 | Cleary, Giacobbe, Alfieri | 4,341.95 | 2019-460 | Legal Services: 07/01/19 to 07/31/19 |
| 10 | Comcast | 188.03 | 2019-426 | Internet Services: 08/02/19 to 09/01/19 |
| 11 | Constellation NewEnergy | 11,855.72 | 2019-455 | Power: Main Plant & Sub Stations 6/29/19 to 7/31/19 |
| 12 | Eurofins | 33.00 | 2019-452 | Analytical Services: Toscana 7/16/19 |
| 13 | Eurofins | 33.00 | 2019-451 | Analytical Services: Toscana 7/19/19 |
| 14 | Eurofins | 33.00 | 2019-450 | Analytical Services: Toscana 7/23/19 |
| 15 | Eurofins | 33.00 | 2019-440 | Analytical Services: Toscana 7/25/19 |
| 16 | Eurofins | 33.00 | 2019-447 | Analytical Services: Toscana 7/31/19 |
| 17 | Fed Ex | 77.88 | 2019-448 | Package |
| 18 | Ferguson | 406.68 | 2019-422 | Pipes, Hose Bib |
| 19 | Fisher Scientific | 963.83 | 2019-385 | Lab Supplies |
| 20 | Fisher Scientific | 16.56 | 2019-418 | Lab Supplies |
| 21 | Flanagan DBA Gov Sites | 100.00 | 2019-476 | Monthly Maintenance Fee 9/2019 |
| 22 | Grainger | 30.38 | 2019-414 | Maintenance Supplies |
| 23 | Hach | 375.30 | 2019-437 | Lab Supplies |
| 24 | Hach | 19.98 | 2019-417 | Lab Supply |
| 25 | Home Depot | 83.46 | 2019-413 | Maintenance Supplies |
| 26 | Jersey Journal | 272.41 | 2019-444 | Legal Ad |
| 27 | McManimon & Scotland | 86.00 | 2019-473 | Professional Services:2018 Audit Response |
| 28 | Miracle Chemical | 543.13 | 2019-411 | Sodium Bisulfite |
| 29 | Miracle Chemical | 1,580.00 | 2019-428 | Sodium Bisulfite |
| 30 | Miracle Chemical | 1,701.00 | 2019-406 | Sodium Hypochlorite |
| 31 | Municipal Capital | 150.00 | 2019-441 | Copier Lease: Payment 8 of 60 9/28/19 |
| 32 | Nassor Electric | 35.46 | 2019-401 | Flags Relays |
| 33 | National Water Main | 2,676.28 | 2019-342 | Wet Well Cleaning PS# 2 (Toscana to Reimburse) |
| 34 | NJ Municipalities | 25.00 | 2019-467 | Annual Subscriptions |
| 35 | One Call | 4.08 | 2019-449 | Mark outs (3) |
| 36 | Process Equipment | 883.27 | 2019-478 | RPM Kits Diaphragm and Check Valves |
| 37 | PS&S | 437.50 | 2019-459 | Professional Services: 7/1/19 to 7/31/19 |
| 38 | PSE&G | 9,580.32 | 2019-453 | Power: Sub Stations 06/28 to 07/30/19 |
| 39 | PVSC | 13,104.00 | 2019-462 | Sludge Disposal: 07/01/19 to 07/31/19 |
| 40 | Regional Communications | 170.00 | 2019-415 | Batteries for Hand Held Radios |

| | | | | |
|---------------|---------------------|------------|----------|---|
| 41 | Royal Printing | 140.00 | 2019-423 | Confined Entry Permits |
| 42 | Scott Environmental | 150.00 | 2019-438 | Black Flow Prevention |
| 43 | Spectraserv | 3,900.00 | 2019-461 | Monthly Container Charge: Grit/Screenings 07/19 |
| 44 | Spectraserv | 6,251.70 | 2019-463 | Sludge Removal: 07/01/19 to 07/31/19 |
| 45 | Staples | 86.58 | 2019-442 | Copy Paper |
| 46 | State of NJ | 37,718.38 | 2019-471 | Hospitalization: Active Employees:08/2019 |
| 47 | Steven Bronowich | 49.99 | 2019-427 | Telephone Reimbursement: 8/2019 |
| 48 | Suez Water NJ | 4,449.96 | 2019-404 | Water 06/20/19 to 07/19/19 |
| 49 | Town of Secaucus | 1,498.00 | 2019-434 | Dental Reimbursement: Sept. 2019 |
| 50 | Uniforms By Rose | 410.00 | 2019-118 | Uniforms |
| 51 | Union Auto Parts | 60.00 | 2019-435 | Auto Supplies |
| 52 | United Ford | 25,011.50 | 2019-424 | 2019 Ford Escape |
| 53 | Verizon | 320.78 | 2019-416 | Telephones 07/19/19 to 08/18/19 |
| 54 | Verizon Wireless | 237.90 | 2019-468 | Telephones: 07/13/18 to 08/12/19 |
| 55 | WEF | 107.00 | 2019-446 | Membership T. Joehnk |
| 56 | WEX Bank (Sunoco) | 804.19 | 2019-425 | Fuel: July 2019 |
| TOTAL: | | 147,393.81 | | |

The voucher list was then approved by Roll Call vote: D. Manderano, Aye; R. Spellmeyer, Aye; G. Schoenrock, Aye; J. Cardenas, Aye; F. Vogel, Aye. 5-0-0.

New Business: None

Old Business: None

**Report of the Executive Director
August 2019 {submitted August 29, 2019}**

- We continue to monitor the sewers in low lying areas for cleaning & inspection. There were several CCTV jobs performed. We have also performed cleaning of catch basins for the Town. While staff will perform any assistance, these tasks are cutting into our routine maintenance plan for the sanitary collection system.
- SCADA: Keystone continued working on SCADA system.
- Harmon Cove Condos: It appears that only the "Keys" have retained a Licensed Operator for this collection system. Working with NJDEP to assess the rest of this area. We have invoiced the Condo Association that they will be charged for this and any future work. I have been informed that IMPAC has finally hired a firm to clean and televise these sewers.
- Toscana Cheese: Due to impending legal matters, I have ceased to communicate with Mr. Paparazzo. Staff continues to sample and will notify of any notices of violation.

- The third-party engineer hired by the Town's JIF continues to request information on the collection system flooding issue of 9/25/18.
- Received final payment for the FEMA grant for the installation of the retrofit for natural gas conversion. Nothing further to report.
- Work has finished on the 2018 audit. The final has been submitted to DCA and accepted as submitted.
- Discussed upgrading PS#2 with the Authority Engineer. It is our consensus opinion that we wait until the work that Toscana is supposed to complete is finished. This should reduce flow to this station substantially.
- There was a water repair on 4th Street made by Suez, who unintentionally broke the sanitary for this home. Suez made a spot repair but did not go far enough into the street (as our CCTV provided evidence that the lateral break was longer than Suez anticipated). I sent proof of this to Suez and they repaired the sanitary line within two days. Payment was received in the amount of \$7,640.00.
- Continued updating the sewer use rules and regulations. Also spoke with the Town Attorney and they will adopt ours once it is completed.
- Met with the Mayor, DPW, NJDOT to examine an issue regarding a sanitary line going through a storm culvert on Route 3 West Service Road. This sewer was installed in 1961 and the culvert quite possibly been built around that sewer. Unable to inspect due to high tide and the failure of the tidal gate.
- Received application for homes to be built at the old Schmitt's property on Paterson Plank Road. (info included in package).

**SECAUCUS MUNICIPAL UTILITIES AUTHORITY
ENGINEERS REPORT AUGUST 2019**

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

- 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. Castle Road Sanitary layout is being updated from previous road plans. Golden Avenue has been updated from field information.
- 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. Finalizing the I/O list with Chuck Cuyulis and re-submitted to the contractor. Keystone is completing their panel fabrication and performing their shop testing. They will be ready to install in mid- September.

- 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 fourth request has been sent. A request to the Owner will also be emailed. The Engineer responded that he will speak to owner. The engineer submitted a revised report. We calculated flows for all additional housing units compared to the amount of flow as reported on the NJDEP TWA. Additional questions on the housing unit quantities are being confirmed.
- 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. Elevation have been taken and proposed pumps and force main review has started. Two site visits to determine size of a new ladder and basket. A plan for the force main upgrade is being formulated. The SMUA will attempt to video inspect the existing force main for force main condition and possible re-use.
- Continuing to receive discharge Violations from Toscana Cheese, therefore, this office had issued the following "Notice of Violations":

| Notice Date | Violation Date |
|-------------|----------------|
| 8/21/19 | 7/12/19 |
| 8/21/19 | 7/16/19 |
| 8/21/19 | 7/19/19 |
| 8/21/19 | 7/23/19 |
| 8/21/19 | 7/25/19 |
| 8/21/19 | 7/31/19 |
| 8/21/19 | 8/2/19 |

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. Visited site with SMUA chairman. Met with owner and building department. The owner now proposes to separate the domestic bathroom flow from all other flows. Only domestic flow will go to sewer. All other flows will go directly to the frac tank. Plans were approved by the Building Department, waiting for notice of construction completion.

- 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 ongoing and will be monitored
- Started scheduling process with the Contractors on the Interim Pump Station upgrade. Approved shop drawing for the structural aspect of the Pump Station. Met with contractor at site for construction logistics. The structural part of the contact is 98% completed. The pumps will start being installed July 9th. The project has been substantially completed and is operational. Item will be removed from the next months report.
- 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. Scope of work has been submitted and costs are being obtained. Requested a proposal from another roofing contractor, if proposal exceeds the allowable amount the project will need to be public bid. The Administration Building proposal was accepted and a PO was issued.
- Exchange Place Pump Station reviewing drainage issues and shooting elevations for the design for the Proposed Stormwater Inlet. Received elevations and laying out proposed drainage structures. A preliminary design was completed for SMUA comments, will finish construction plan. Requested a pre-construction meeting with Persistent to review options.
- Zoning Certificate Notices for required SMUA sewer connection application:

| Address | Zoning Certificate | Request Dates | | SMUA App. | SMUA Fee | Engineers Report |
|-----------------------------------|--------------------|-----------------|-----------------|-----------|----------|------------------|
| | | 1 st | 2 nd | | | |
| 655 Plaza Drive | #18-332 | 4/29/19 | 5/7/19 | No | No | |
| Alexander Hamilton Service/Sunoco | N/A | N/A | N/A | | | 2/5/19 |
| 25 Enterprise | #19-064 | 6/27/19 | N/A | No | No | |
| 1000 Secaucus Rd | #19-312 | N/A | N/A | 6/27/19 | No | |
| 50 Seaview Drive | | N/A | N/A | 6/27/19 | No | |
| 650-675 Paul Amico Way | #17-383 #17-418 | N/A | N/A | No | No | |

| | | | | | | |
|------------------------|---------|-----|-----|---------|-----|---------|
| 1631 Paterson Plank Rd | | N/A | N/A | Yes | Yes | 8/28/19 |
| 1000 Castle Rd | #19-312 | N/A | N/A | 7/31/19 | No | |
| 701 Penhorn Ave | #19-289 | N/A | N/A | | | |
| 43 Meadowlands Pkwy | #19-078 | N/A | N/A | | | |

Beckmeyer Engineering, P.C.
Glenn M. Beckmeyer, P.E.,P.P.,CME
Authority Engineer
August 28, 2019

OPERATIONS REPORT – August 2019
Submitted September 3, 2019

KOELLE BOULEVARD FACILITY

- 1) The average estimated daily flow for the month was 3.3816 MGD. Maximum daily flow was 5.3058 M.G.; the estimated total flow for the month was 104.9524 MG.
- 2) The yearly calibrations were performed on Plant Flow Meters by A.B.B. Inc.
- 3) There are broken flyghts and chain in Primary Clarifier number two. Spalling concrete from the walkways located on the top of the Clarifier fell into the tank. The Authority engineer inspected the tank and made recommendations. Rapid Pump was contacted for the repair.
- 4) The metal catwalks and railings located in the Wet Well of Pump Station number One needs to be replaced due to corrosion. Gary Voss of the Secaucus D.P.W. was contacted and reviewed the work needed. He will begin repair as his schedule allows.
- 5) New 1.5-inch Plant Water piping has been installed at the Post Aeration Tanks.
- 6) The Odor Control System was cleaned and serviced. New O.R.P. and pH probes were installed for Odor Control Tower number two.
- 7) Routine maintenance and grounds keeping were performed.
- 8) The Serpentine tank was drained and cleaned.
- 9) The oiler located on Primary Sludge Pump number one was repaired.
- 10) New lighting is needed in Pump Station number two and three. The Authority Engineer reviewed the Situation and has made recommendations. The Authority Electrician is scheduled to begin the installation of new lights the week of 9/3/19.
- 11) The Plants backflow preventer was tested by Mr. Scott Knight.
- 12) The roof of Pump Station number two and three needs replacement. The quotes for the repair were high. This repair may need to be put out for bid.
- 13) The roof drains located on Pump Station number two and three were cleaned.
- 14) The north entrance gate to the plant needs to be serviced. A quote has been received from New Jersey Door Works. A Purchase Order number has been issued to perform the repairs.
- 15) The Drive Chain (west end) of Primary Clarifier number five was repaired.
- 16) Repairs to the roof of the Administration Building is scheduled to begin.

PUMP STATION # 1 Village Place

- 1) The estimated average daily flow was 1.195 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 77,686 gallons per day.
- 2) Routine maintenance and grounds keeping were performed.
- 3) National Watermain Inc. is scheduled to clean cheese and grease from the Wet Well.

PUMP STATION # 3 Henry Street

- 1) The estimated average daily flow was 51,343 gallons per day.
- 2) Routine maintenance and grounds keeping were performed.
- 3) Pump number one was taken out of service and replaced. The Pump was sent out for repair. (seal failure)

PUMP STATION # 4 New County Road and Seaview Drive

- 1) Routine maintenance was performed.
- 2) The Wet Well was cleaned utilizing the Jet Truck.
- 3) The fuel injector line of the Emergency Generator was replaced by Concentra Inc.

PUMP STATION # 5 Wilroy – Secaucus Road

- 1) This station is not in service.

PUMP STATION # 6 Castle Road

- 1) The estimated average flow was approximately 41,089 g.p.d.
- 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 stormwater drainage. We are awaiting work to commence on the drainage.

COLLECTION SYSTEM: The Authority jetted and cleaned approximately 1,570 feet of sanitary sewer, also assisted the Secaucus Department of Public Works in cleaning numerous catch basins.

Respectfully Submitted
Brian A. Beckmeyer Sr.
Superintendent

Citizens Comments: Victor Paparazzo made comment that the lines going into the SMUA sanitary from the Toscana Cheese factory were capped but the job was not complete. He requested an extension till Saturday.

A motion was made by F. Vogel at 7:40 p.m., seconded by J. Cardenas to close the public portion of the meeting and enter into Executive Session. All in Favor: 5-0-0.

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 8:08 PM by R. Spellmeyer, seconded F. Vogel to close the executive session and re-open the public portion of the meeting. All in favor: 5-0-0.

A motion was made to adjourn the meeting at 8:09 p.m. by R. Spellmeyer, seconded by G. Schoenrock. All in Favor: 5-0-0.