

**March 7, 2016**

Minutes of a meeting of the Secaucus Municipal Utilities Authority held on Monday, March 7, 2016 at 7:00 PM in Conference Room, 1100 Koelle Boulevard, Secaucus, New Jersey 07094. The meeting was called to order at 7:15 p.m. by Fred Vogel.

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

|            |                   |              |
|------------|-------------------|--------------|
| Roll Call: | Fred Vogel        | Chairman     |
|            | George Schoenrock | Secretary    |
|            | Mark Moloughney   | Board Member |

Absent: J. Cardenas; G. Pascarello (Excused)

Also Present: John Napolitano, Counsel; Glenn Beckmeyer, Engineer

The minutes of the February 1, 2016 meeting were approved on a motion made by F. Vogel, second by G. Schoenrock. Roll Call: G. Schoenrock, Aye; M. Moloughney, Aye; F. Vogel, Aye. Approved: 3-0-0.

The following Resolution was moved on a motion by F. Vogel; second by M. Moloughney

RESOLUTION 2016-03-A  
SECAUCUS MUNICIPAL UTILITIES AUTHORITY  
Hudson County, New Jersey  
Resolution Authorizing Agreement for Professional Services  
To Paulus Sokolowski and Sartor, 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**, the Authority wishes to retain a firm to provide environmental engineering services; and

**WHEREAS**, Paulus Sokolowski and Sartor, LLC (“PS&S”) is willing to provide these services set forth in its proposal dated February 24, 2016 in an amount not to exceed \$19,420.00; and

**WHEREAS**, the Authority wishes to retain PS&S to perform these services; and

**WHEREAS**, the New Jersey Local Public Contracts Law (N.J.S.A. 40A:11-5) exempts the award of contracts for professional services from the requirements of public advertising and bidding; and

**WHEREAS**, the Authority wishes to ratify any actions taken in furtherance of this resolution; 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 Paulus Sokolowski and Sartor, LLC.
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.

Date: March 7, 2016

The above resolution was approved by Roll Call: Mark Moloughey: Aye; G. Schoenrock: Aye; F. Vogel: Aye; Approved 3-0-0.

There was some discussion regarding the bids and specifications for the dual-fuel convertor for the emergency generator.

The March 2016 Voucher list was moved on a motion made by G. Schoenrock, seconded by M. Moloughey.

The Voucher list is as follows:



**Voucher List for Meeting of March 07, 2016**

Prepared: 02/25/16

| Number | COMPANY                   | MONEY    | CK#  | PO#      | REASON                                 |
|--------|---------------------------|----------|------|----------|--|
| 1      | AEA                       | 3,700.00 | 9732 | 2016-76  | 2016 Member Dues Annual                |
| 2      | Air Group                 | 1,539.49 |      | 2016-58  | Replacement of Plant Boiler Motor      |
| 3      | Alpha Dog                 | 150.00   |      | 2016-89  | Monthly Maintenance & Hosting Fee 2/16 |
| 4      | Automatic Suppression     | 497.65   |      | 2015-743 | Fire Alarm Repair                      |
| 5      | Beckmeyer Engineering     | 6,250.00 |      | 2016-82  | Engineering Services: February 2016    |
| 6      | Bellaqua                  | 95.65    |      | 2016-83  | Water                                  |
| 7      | Better Security           | 538.00   |      | 2016-45  | Repair to Storeroom Door & Lock Sets   |
| 8      | Bobs Glass Works          | 361.04   |      | 2016-54  | Repair to GMC Truck                    |
| 9      | Cleary, Giacobbe, Alfieri | 3,882.15 |      | 2016-101 | Legal Services: 1/1/2016 to 1/31/2016  |
| 10     | Comcast                   | 174.39   | 9733 | 2016-77  | Internet Services: 02/02-03/01/16      |

|    |                           |            |      |          |  |
|----|---------------------------|------------|------|----------|--|
| 11 | Coyne Chemical            | 1,825.46   |      | 2015-642 | Zetag Polymer                                    |
| 12 | Emerald                   | 250.95     |      | 2016-112 | 3 Cases XL Gloves                                |
| 13 | Engineered Solutions      | 14,230.52  |      | 2016-91  | Feasibility Study for the Implementation of SCAD |
| 14 | Eurofins QC Lab           | 43.00      |      | 2016-84  | Analytical Services: 2/04/16                     |
| 15 | Fisher Scientific         | 532.49     |      | 2016-52  | Lab Supplies                                     |
| 16 | GLEC                      | 84.15      |      | 2016-87  | HDG Consulting Services                          |
| 17 | Grainger                  | 33.21      |      | 2016-44  | Snow Shovels                                     |
| 18 | Grainger                  | 63.66      |      | 2016-62  | Pressure Switch                                  |
| 19 | Grainger                  | 30.18      |      | 2016-60  | Batteries  |
| 20 | Grainger                  | 76.08      |      | 2016-69  | U Shaped Fluorescent Bulbs                       |
| 21 | Grainger                  | 66.00      |      | 2016-55  | Hard Hats  |
| 22 | Hach                      | 527.23     |      | 2016-51  | Lab Supplies                                     |
| 23 | Home Depot                | 20.07      |      | 2016-18  | Parts for Trash Pump                             |
| 24 | JCI Chemical              | 2,020.14   |      | 2016-70  | Sodium Hypochlorite                              |
| 25 | Koester                   | 17,350.00  |      | 2015-611 | Supply & Install Transfer Pump #2                |
| 26 | Longo                     | 4,058.24   |      | 2015-383 | Install New Transducer @ Pump Station #3         |
| 27 | Manufacturers Edge, Inc.  | 3,843.00   |      | 2015-716 | Submersible Pump Henry Street                    |
| 28 | Miracle Chemical          | 798.00     |      | 2016-59  | Sodium Bisulfite                                 |
| 29 | Municipal Capital Finance | 164.77     | 9730 | 2016-73  | Copier Lease: Payment #32 02/2016                |
| 30 | Nassor Electrical         | 148.32     |      | 2016-43  | Outlets for Steam Jenny                          |
| 31 | Nassor Electrical         | 42.96      |      | 2015-744 | Photo Control for Jet Truck                      |
| 32 | Nassor Electrical         | 13.30      |      | 2015-550 | Gfi For Grit Building                            |
| 33 | Persistent Construction   | 14,000.00  |      | 2016-79  | 2016 SMUA Emergency Repair Contract              |
| 34 | Persistent Construction   | 14,560.00  |      | 2016-80  | 165 Louis Street                                 |
| 35 | PS&S                      | 1,468.31   |      | 2016-102 | Professional Services: 1/31/2016                 |
| 36 | PSEG                      | 23,099.72  | 9735 | 2016-81  | Power: January 2016                              |
| 37 | PSVC                      | 15,432.00  |      | 2016-98  | Sludge Disposal: 01/16/16 to 02/15/2016          |
| 38 | Pumping Services          | 345.00     |      | 2016-94  | Service At Main Pump Station                     |
| 39 | R&D Trucking              | 8,525.00   |      | 2016-85  | Sludge Removal: January 2016                     |
| 40 | Royal Printing            | 105.00     |      | 2016-68  | SMUA Business Envelopes                          |
| 41 | Scott Enviromental        | 150.00     |      | 2016-72  | Qrtly Connection & Back Flow Testing             |
| 42 | Spectraserv               | 3,956.00   |      | 2016-86  | Monthly Container Charge: January 2016           |
| 43 | Staples                   | 42.20      |      | 2016-50  | Office Supplies                                  |
| 44 | State of NJ               | 33,881.22  | TEPS | 2016-95  | Hospitalization: Active Employees: February 2016 |
| 45 | State of NJ               | 1,283.63   | TEPS | 2016-96  | Hospitalization: Retiree Employees: March 2016   |
| 46 | State of NJ-PERS          | 156,204.00 |      | 2016-74  | Annual Employer Appropriation                    |
| 47 | Suburban Forklift Inc.    | 648.00     |      | 2016-12  | Service to Repair Forklift                       |
| 48 | Suez Water NJ             | 1,774.21   |      | 2016-116 | Water  |
| 49 | Town of Secaucus          | 1,630.08   |      | 2016-90  | Dental Reimbursement: March 2016                 |
| 50 | Treasurer State of NJ     | 1,915.00   |      | 2016-104 | Annual Lab Permit                                |
| 51 | VZ Auto                   | 603.00     |      | 2016-53  | Repair to Ford Truck                             |
| 52 | Verizon                   | 214.76     | 9734 | 2016-78  | Telephones                                       |
| 53 | Verizon Wireless          | 203.30     | 9736 | 2016-97  | Telephones: 02/13/16 to 03/12/16                 |
| 54 | WEF                       | 103.00     |      | 2016-88  | Annual Membership Renewal: L. Smethkowski        |
| 55 | WEF                       | 103.00     |      | 2016-100 | Annual Membership Renewal: J. Baer               |

|               |                   |                   |      |         |                    |
|---------------|-------------------|-------------------|------|---------|--------------------|
| 56            | WEX Bank (Sunoco) | 426.48            | 9728 | 2016-67 | Fuel: January 2016 |
| <b>TOTAL:</b> |                   | <b>344,083.01</b> |      |         |                    |

The voucher list was approved on a motion made by G. Schoenrock, second by M. Maloughney. Roll Call: G. Schoenrock, Aye; M. Moloughney, Aye; F. Vogel, Aye. Approved: 3-0-0.

Old Business: None

New Business: Mr. Bigler reported that Board Member George Schoenrock was chosen by the Association of Environmental Authorities as Outstanding Commissioner. Mr. Schoenrock will be accepting the Award at the Spring Conference in Atlantic City on March 9, 2016.

### **REPORT OF THE EXECUTIVE DIRECTOR FEBRUARY 2016**

- Sampled the membrane filter pilot system currently being tested 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.
- PSE&G has installed the high pressure gas line. Waiting on contract specifications to go out to bid for the purchase and installation of the dual fuel converter.
- The Authority's Environmental/Regulatory Engineering firm PS&S attended the mandatory training for the receipt of the grant funds. They will be assisting with the documentation/submittals.
- Met with Mark Warner of Gabel Associates to investigate the possibility of another array of solar panels that would be marketed through a third party contractor at no cost to the Authority.
- Continued researching the possibility of lining some of the manholes in the collection system that may be in need of repair.
- Received a call from Vincent Prieto regarding the possible connection of the USCG Auxiliary building to the SMUA sanitary on Meadowland Parkway. Mayor Gonnelli called, but I was out in the facility when the call came in. I returned his call (voice mail), texted & emailed him. Glenn Beckmeyer also tried to contact him.
- As reported last month, due to age and mileage, the Authority has issued a P.O. for another pick-up truck and plow assembly.
- Received preliminary report on SCADA feasibility study and met with ENSOCORP to discuss. Additionally, met with representatives from A+ Security regarding the installation of security features around the plant. A portion of these features may be applicable towards the SCADA system and become eligible for the Homeland Security Grant funds.
- Staff was called to the high school on two occasions to assist in clearing a back-up that occurred during the installation of a new storm sewer.
- For the months of January and February 2016, the Jet Truck was out eight (8) full days assisting the DPW.

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

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

- Bi-Annual Bids were produced and published with public bids received and opened on November 24, 2015 on the following: Disposal Of Sanitary Sewage Sludge, Construction of Miscellaneous and Emergency Sanitary Sewer Work, Furnishing and Delivering Sodium Hypochlorite and/or Sodium Bisulfite, Removal and Disposal of Sewage Grit and Screenings, Emergency Pump Repair Services. The bids are in the process of being reviewed. Recommendations were presented to the Director. Contracts were awarded.
- Toscana - Discharge violations have occurred on June 3, 2015, July 13, 2015, July 23, 2015 and August 6, 2015. On September 14, 2015 a discharge occurred at the Toscana facility. Authority Attorney and the Toscana Attorney are working on a settlement. A discharge occurred on September 29, 2015 having an acidic pH of 4.32. A discharge has occurred on November 24, 2015. A discharge has occurred due to a rupture line on December 20, 2015. To be removed from monthly report unless future discharges occur or information is needed to transfer.
- 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 form 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 proprietary bidding process for the gas/diesel convertor.
- 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.
- 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.
- Started investigating the replacement of the soft starts within PS# 1, 2&3 within the Koelle Blvd. facility with Variable Frequency Drives. Started receiving proposals from contractors. Awarded contract to Koestner

- Associates. VFDs have arrived on site for the bypass pump station. VFD's have been installed and are operational on the Bypass Pump Station
- 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 GIS/Merit system.
  - 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.
  - 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.
  - 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.
  - Reviewing status of existing bucket chains and sprockets on Grit Chamber #3. Possible need to replace chains.
  - Started investigation to determine the capital cost for the replacement of the trickling filters plastic 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.
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**Beckmeyer Engineering, P.C.**  
**Glenn M. Beckmeyer, P.E., P.P., CME**  
**Authority Engineer**  
**March 2, 2016**

**OPERATIONS REPORT – February 2016**  
**Submitted March 7, 2016**

**KOELLE BOULEVARD FACILITY**

- 1) The average daily flow for the month was 3.1879 MGD. Maximum daily flow was 4.8992 M.G.; the estimated total flow for the month was 91.6142 MG.
- 2) The Odor Control system was drained and cleaned.
- 3) The monthly test was conducted on the Emergency Generator.
- 4) The recirculation pump for boiler number two was replaced. A new actuator was also installed on the heat valve.
- 5) Routine maintenance and grounds keeping were performed.
- 6) The Serpentine tank was drained and cleaned.
- 7) Plant water pump number one was repaired and is back in service. Plant water pump number two was sent out for repair, also a new Aurora plant water pump was ordered.
- 8) PSE&G installed a new gas line in Koelle Blvd. for the dual fuel emergency generator.
- 9) The Secondary Sludge pump transducer was reinstalled. The manufacturer found no problem with the unit. They think a voltage spike caused the problem. A D.C. power unit will be installed to attempt to correct this problem.
- 10) New Benshaw V.F.D.'s were installed for the interim bypass pumps.

- 11) Plant water piping located south of the Secondary Clarifiers failed. Persistent Construction has been contacted to repair the pipe. We are awaiting the new arrival of new hydrants for the system.
- 12) The South Grit Collector chain is in need of replacement. New chain and parts have been ordered. The center channel chain is also scheduled for replacement.

PUMP STATION # 1 Village Place

- 1) The estimated average daily flow was 1.14mgd.
- 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 67,263 g.p.d..
- 2) Routine maintenance and grounds keeping were performed

PUMP STATION # 3 Henry Street

- 1) The estimated average daily flow was 73,623g.p.d.
- 2) Routine maintenance and grounds keeping were performed.

PUMP STATION # 4 New County Road and Seaview Drive

- 1) Routine maintenance was performed.
- 2) A bracket, holding the pump rails failed. Rapid Pump and Meter was awarded the job to repair the pump rails located in the wet well. They are waiting to begin the repair.

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 grounds keeping were performed.
- 2) The estimated average flow was 17,623 g.p.d.

PUMP STATION #7 - Xchange Junction

- 1) Routine maintenance was performed.

COLLECTION SYSTEM:

- 1) The Authority assisted the D.P.W. cleaning various catch basins throughout the town for the month.

Respectfully Submitted  
Brian A. Beckmeyer Sr.  
Superintendent

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