

**April 04, 2016**

Minutes of a meeting of the Secaucus Municipal Utilities Authority held on Monday, April 4, 2016 at 7:00 PM in Conference Room, 1100 Koelle Boulevard, Secaucus, New Jersey 07094.

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

Roll Call:	Fred Vogel	Chairman
	Guy Pascarello	Vice- Chairman
	George Schoenrock	Secretary
	Jorge Cardenas	Treasurer
	Mark Moloughney	Assistant Secretary

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

The minutes of the March 07, 2016 meeting were approved on a motion made by F.Vogel, second by G. Pascarello. Roll Call M. Moloughney: Aye; G. Schoenrock: Aye; J. Cardenas: Aye; G. Pascarello: Aye; F. Vogel: Aye; Approved 5-0-0.

Mr. Chuck Cuyulis, P.E. of Engineered Solutions gave a presentation on his findings regarding the feasibility and implementation of a System Control and Data Acquisition {SCADA} system for the Authority facilities.

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

**Secaucus Municipal Utilities Authority  
CONSENT AGENDA – 04/04/2016**

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

- 01 Resolution Regarding the Bidding of the Dual-Fuel Conversion Installation.**
- 02 Resolution Regarding Extension of Existing Electrician Contract.**
- 03 Motion Adopting the Updated Policies and Procedures Manual.**

**RESOLUTION 2016-04-04B**  
**AUTHORIZING THE PURCHASE OF ONE (1) EVO-SP-2600G SYSTEM COMPLETE WITH GAS TRAIN ASSEMBLY MANUFACTURED BY ENER-G RUDOX FOR ITS USE IN ITS EMERGENCY GENERATOR DUAL FUEL UPGRADE PROJECT.**

**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 has the need for a dual gas generator conversion kit at its Wastewater Treatment Plant (WWTP) which will be used in its Emergency Generator Dual Fuel upgrade project (the “Project”); and

**WHEREAS**, the Authority needs to specify converter equipment for this system that has a proven track record, low maintenance, and compatible with the Authority’s existing Mitsubishi Generator; and

**WHEREAS**, the system as manufactured by ENER-G Rudox is the sole dual energy conversion kit approved for use on Mitsubishi Generators; and

**WHEREAS**, the Authority has determined that the EVO-SP-2600g System complete with gas train assembly is necessary for the conduct of its affairs; and

**WHEREAS**, the Authority therefore has a compelling need to specify this equipment as authorized by N.J.S.A. 40A:11-13 and N.J.A.C. 5:34-2.2 where the sole source designation overshadow the benefit of use of “brand name or equivalent”; and

**WHEREAS**, the Authority’s Attorney has reviewed the proposed certification for the special need for the sole source equipment and has reviewed the proposed certification for the special need for the sole source equipment and has advised of its applicability and acceptability pursuant to N.J.S.A. 40A:11-13 and N.J.A.C. 5:34-2.2.

**NOW, THEREFORE, BE IT RESOLVED** that Members of the Secaucus Municipal Utilities Authority:

1. That the Authority agrees that due to the specialized nature of this equipment necessary for the conduct of its affairs, the only acceptable manufacturer for the equipment installed as part of the Emergency Generator Dual Fuel project is the EVO-SP-2600g System complete with gas train assembly manufactured by ENER-G Rudox.
2. This Resolution for sole source equipment shall be made part of the bid documents.

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

**RESOLUTION 2016-04-04**  
**RESOLUTION AUTHORIZING 60 DAY EXTENSION OF**  
**ELECTRICAL SERVICES CONTRACT**

**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**, on March 2, 2015 by previous resolution the Authority awarded a contract to Carfi Electric. LLC (“Carfi”) to provide electrical services and repairs; and

**WHEREAS**, the time involved with the latest bid process has pushed a potential award beyond the term of the contract period; and

**WHEREAS**, the Authority agreed to Carfi a sixty (60) day extension of existing contract pursuant to the same terms and conditions; and

**WHEREAS**, Carfi has agreed to the proposed extension to allow the Authority to complete the bid process; and

**NOW, THEREFORE, BE IT RESOLVED**, that Members of the Secaucus Municipal Utilities Authority:

1. The Agreement with Carfi Electric, LLC, is hereby extended by sixty (60) days;
2. The terms and conditions of the existing contract shall remain.
3. The original contract was awarded in compliance with N.J.S.A. 19:44A-20.4 *et seq.*

**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.

The above resolutions were approved by Roll Call vote. M. Moloughney: Aye; G. Schoenrock: Aye; J. Cardenas: Aye; G. Pascarello: Aye; F. Vogel: Aye; Approved 5-0-0.

The April 04, 2016 Voucher list was moved on a motion made by G. Schoenrock, seconded by G. Pascarello.

The Voucher list is as follows:



**Voucher List for Meeting of April 04, 2016**

Prepared: 03/25/16

Number	COMPANY	MONEY	CK#	PO#	REASON
1	Adapco Inc.	1,541.00		2016-115	Lavacide
2	Alamo	2,551.13		2016-179	2nd Installment Risk Management fee
3	Alpha Dog	150.00		2016-173	Monthly Maintenance & Hosting Fee 3/16
4	Beckmeyer Engineering	6,250.00		2016-139	Engineering Services: March 2016

5	Bellaqua	101.60		2016-169	Water
6	Beyer Ford	28,775.00		2016-106	Ford F-250 Truck State Contract
7	Bio Triad	282.00		2015-729	Vapor DOX
8	Cari Electrical	3,660.50		2016-189	Electrical Services: 2015 to 2016
9	Cleary, Giacobbe, Alfieri	3,850.00		2016-153	Legal Services: 2/1/2016 to 2/29/2016
10	Comcast	169.39	9778	2016-131	Internet Services: 03/02-04/01/16
11	Coyne Chemical	1,815.46		2016-105	Zetag Polymer
12	Emerald	250.95		2016-71	3 Cases XL Gloves
13	Engineered Solutions	250.00		2016-156	Annual Remote Computer Access
14	ERA	357.00		2016-166	For NJ D.E.P. Proficiency Testing-For Lab
15	Eurofins QC Lab	37.80		2016-168	Analytical Services: 02/24/2016
16	Eurofins QC Lab	18.90		2016-167	Analytical Services: 02/23/2016
17	Eurofins QC Lab	18.90		2016-159	Analytical Services: 02/19/2016
18	Eurofins QC Lab	18.90		2016-160	Analytical Services: 02/16/2016   } Copper Analysis
19	Eurofins QC Lab	18.90		2016-161	Analytical Services: 02/11/2016
20	Eurofins QC Lab	18.90		2016-162	Analytical Services: 02/09/2016
21	Eurofins QC Lab	18.90		2016-163	Analytical Services:02/05/2016
22	Eurofins QC Lab	18.90		2016-164	Analytical Services:02/02/2016
23	Eurofins QC Lab	233.40		2016-165	Analytical Services: 02/04/2016
24	Eurofins QC Lab	678.35		2016-188	Analytical Services: Semi-Annual Effluent 3/10/16
25	F&G Mechanical	3,900.00		2016-11	Rebuild & Replace Hot Water Pump
26	FedEx	51.92		2016-158	Packages
27	Fisher Scientific	344.56		2016-133	Lab Supplies
28	Fisher Scientific	755.75		2016-118	Lab Supplies
29	GLEC	577.63		2016-171	HDG Consulting Services
30	Hach	107.46		2016-119	Lab Supplies
31	Home Depot	109.96		2016-145	Screening
32	Home Depot	110.99		2016-125	Garden Hoses, Nozzles & Reel
33	JCI Chemical	1,634.00		2016-121	Sodium Hypochlorite
34	Maximum Materials	500.00		2016-107	Hoist & Crane Inspections
35	Miracle Chemical	1,057.35		2016-110	Sodium Bisulfite
36	Miracle Chemical	1,436.40		2016-138	Sodium Bisulfite
37	Municipal Capital Finance	164.77	9779	2016-130	Copier Lease: Payment #33 03/2016
38	NJ Transit	806.00	9791	2016-157	Annual Occupancy Permit Main Line
39	NJUA-JIF	63,778.31		2016-180	2nd Installment 2016
40	Nassor Electric	140.04		2016-129	Metal Hailed Light Bulbs
41	Nassor Electric	58.05		2016-113	24 volt Power Supply For Secondary Control
42	Nassor Electric	210.41		2016-109	Electrical Cord for Steam Jenny
43	Nassor Electric	109.14		2016-137	Outdoor Enclosure for DC Power Supply
44	OfficeChairs.com	314.00	9784	2016-135	Office Chair
45	One Call	1.24		2016-172	Markouts
46	Praxair	207.57		2016-123	Compressed Oxygen & Dissolved Acetylene

47	Precision Electric	3,166.00		2016-93	Rebuild Plant Water Pump
48	Precision Electric	738.00		2016-128	Site Drainer Pumps
49	PS&S	1,061.58		2016-154	Professional Services:02/29/2016
50	PSEG	4,285.33	9785	2016-143	Power: February 2016
51	PSEG	20,615.14	9790	2016-152	Power: February 2016 Main Plant
52	Pumping Services	525.00		2016-150	Service to Pump Station#1
53	Pumping Services	1,850.00		2016-63	Pump Maintenance For Pump Station#2
54	Purchase Power	320.99	9780	2016-132	Postage
55	PVSC	14,280.00		2016-155	Sludge Disposal: 02/16/16 to 03/15/2016
56	R&D Trucking	8,552.50		2016-174	Sludge Removal: February 2016
57	Spectraserv	3,956.00		2016-170	Monthly Container Charge: February 2016
58	Staples	74.07		2016-127	Office Supplies
59	Staples	20.55		2016-75	Office Supplies
60	Staples	205.30		2016-92	Office Supplies
61	State of NJ	33,881.22	TEPS	2016-176	Hospitalization: Active Employees: March 2016
62	State of NJ	1,283.63	TEPS	2016-177	Hospitalization: Retiree Employees: April 2016
63	Suez Water NJ	1,085.31	9794	2016-190	Water
64	Town of Secaucus	1,630.08		2016-175	Dental Reimbursement: April 2016
65	Treasurer State of NJ	1,943.00		2016-178	Annual Air Quality Permit
66	Treasurer State of NJ	34,277.80		2016-181	Effluent Discharge Permit
67	Verizon	190.91	9786	2016-144	Telephones
68	Verizon Wireless	203.32	9789	2016-151	Telephones: 02/13/16 to 03/12/16
69	WEX Bank (Sunoco)	447.52	9741	2016-122	Fuel: February 2016
<b>TOTAL:</b>		<b>262,054.68</b>			

Roll Call to approve the voucher list as presented: M. Moloughney: Aye; J. Cardenas: Aye; G. Schoenrock: Aye; G. Pascarello: Aye; F. Vogel: Aye. 5-0-0.

Old Business:

New Business:

### Report of the Executive Director March 2016

- Continued sampling 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 {on Agenda for this meeting}.
- The Authority's Environmental/Regulatory Engineering firm PS&S has been assisting with the documentation/submittals for the grant(s) funding.
- Awaiting a report from Gabel Associates regarding the possibility of another array of solar panels that would be marketed through a third party contractor at no cost to the Authority.
- Continued researching the possibility of lining some of the manholes in the collection system that may be in need of repair. There are several firms that market the equipment for this type of repair but not many firms want to come out and demonstrate a product.
- Continued contact with the Town regarding the possible connection of the USCG Auxiliary building to the SMUA sanitary on Meadowland Parkway.
- One of the yard hydrants line broke. While repairing this, it was discovered that there were numerous conduit feeds that were improperly installed. We will have to excavate to determine the scope of work.
- Received preliminary report on SCADA feasibility study and met with ENSOCORP to discuss. Chuck Cuyulis will give a brief presentation at the April meeting.
- For the month of March 2016, the Jet Truck was out eleven (11) full days assisting the DPW.

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

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

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. Toscana has installed a vertical vessel for storage of their product waste for sale.

Started design and specifications for the Generator conversion to N.G. I am still waiting on information from the manufacturer on the required installation requirements. PSEG will extend a high pressure line from Huber Street. Through value engineering, we revised the route of the PSEG gas line, new cost to PSEG has reduced from \$94,966.74 to \$75,720.04. Meeting with the manufacturer concerning design aspects of project, revising drawings according. SMUA sent PSEG check for high pressure line extension. PSEG to start gas line extension when recent snow is removed. High pressure line has been installed. Will seek a resolution to allow a sole source bidding process for the gas/diesel convertor. Specifications and Plans are being finalized for Bids in April 2016.

Still looking into a design to supply sanitary services to the Coast Guard Building. Designed a gravity system from the property line to a manhole on the trunk sanitary sewer in Meadowlands

Parkway, waiting on an estimate from the contractor. Received an estimate for the gravity line, will look at a pump station with gravity line. Waiting on the estimate for the force main and pump station. Received information on the pump station, however, it has been revealed by the Town electrician that sufficient power is not available for a pump station and a new 3 phase service would need to be installed. Received quote for installation of a force main. Complying the costs of the force main, pump station installation and new power source. Submitted to Town for review. We have been contacted by the Building Department and the Mayor concerning this project. The Mayor has requested a meeting on this project. Waiting on his availability.

Spoke to the applicant's engineer about a proposed connection at 1 County Avenue. Reviewing application. Engineer received review letter and stated that the design may change. Unsuccessful attempt to return calls to Applicants permit engineer. Waiting on design plans from the applicant

Contacted Tax Department to ascertain new tax maps for use by the Authority for facilities inventory. Waiting for meeting schedule. Will be attending a meeting at NJSIA on their GIA/Meri system. The tax department is waiting on a proposal from the TownE to update the Tax Maps.

Met with PSEG concerning the possible expansion of the existing Solar Panel System. Sent elevations and cross section of the Primary Clarifier tanks to Contractor. Contractor will get back to us with their findings.

Excessive grease accumulated at the Turnpike PS, investigating. Also increase flow is being experienced at the Turnpike PS.

The pump guide rails and support have been compromised at the Seaview Pump Station. Reaching out for proposals to repair. Rapid Pump submitted a proposal of \$4,290. Awarded contract to Rapid to repair. Work has started with an expected finish date of 3/31/2016

Spoke with National Watermain and others concerning a manhole lining/coating system for the collection system older brick man holes throughout the Town, especially the Clarendon Area. Also looking into the Predl rehabilitation system. Waiting on a date from a contractor to demonstrate a rehabilitation procedure.

Reviewing status of existing bucket chains and sprockets on Grit Chamber #3. Possible need to replace chains. Facility to order chains.

Started investigation to determine the capital cost for the replacement of the trickling filters plastic media.

Investigating the leaking of the plant water system by the secondary clarifier area. Also looking into a replacement for a 1-1/2" yard hydrant that has been deteriorated beyond use. Hydrant has been ordered, waiting on delivery. Additional conduit have been found that doesn't appear to be properly installed, will investigate.

Prepared the 2016 COAH report.

**Beckmeyer Engineering, P.C.**  
**Glenn M. Beckmeyer, P.E.,P.P.,CME**  
**Authority Engineer**  
**March 30, 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 thing 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 - Exchange 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

At 8:10 PM, a motion was made by F. Vogel, second by J. Cardenas to close the public portion of the meeting and enter into executive session. All in Favor 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) To discuss Personnel

The matters discussed in Executive session will be disclosed to the public at such time as action is taken by the Authority or if possible, prior to action being taken if the Authority feels that disclosure can be made without affecting the public interests of the individuals affected.

A motion was made at 9:15 by F. Vogel, seconded by J. Cardenas to close Executive Session and re-open the meeting to the public. All in favor

A motion was made to adjourn the meeting at 9:16 by G. Schoenrock; seconded by M. Moloughney. All in Favor: 5-0-0.