

**August 1, 2016**

Minutes of a meeting of the Secaucus Municipal Utilities Authority held on Monday August 01, 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

Excused: Jorge Cardenas; Mark Moloughney; John Napolitano, Counsel  
Also Present: Glenn Beckmeyer, Engineer

The minutes of the July 11, 2016 meeting were approved on a motion made by G. Pascarello; second by F. Vogel. Roll Call: G. Schoenrock: Aye; G. Pascarello: Aye; F. Vogel: Aye. Approved 3-0-0.

**The Consent Agenda** was moved on a motion by G. Schoenrock; second by F. Vogel;

#### **RESOLUTION 2016-08**

#### **AUTHORIZING AGREEMENT FOR PROFESSIONAL SERVICES WITH GREAT LAKES ENVIROMENTAL CENTER**

**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, along with certain other municipal and county sewerage utility authorities, have formed a consortium known as the New Jersey Harbor Dischargers Group (hereinafter "NJHDG") to address certain issues arising from various studies performed by the New York/New Jersey Harbor Estuary Program; and

**WHEREAS**, the NJHDG wishes to effectively address these issues and avoid the application of inappropriate effluent limitations for New Jersey dischargers by the Environmental Protection Agency (hereinafter "EPA") and the New Jersey Department of Environmental Protection; and

**WHEREAS**, the NJHDG desires to enter into a contract with Great Lakes Environmental Center (hereinafter "GLEC") to serve as Technical Advisor to the NJHDG, in accordance with its proposal dated June 3, 2016; and

**WHEREAS**, the Authority agrees to be responsible for its pro-rata share {Attachment "A"} of any work at an estimated amount not to exceed \$11,229.00; 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, as a member of the NJHDG, agrees to execute an agreement with GLEC to perform said services in accordance with its proposal; 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 Great Lakes Environmental Center.
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 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: August 1, 2016

Roll Vote: G. Schoenrock: Aye; G. Pascarello: Aye; F. Vogel: Aye. Approved 3-0-0.

The voucher list was moved on a motion by G. Pascarello; second by G. Schoenrock; and is as follows:



**Voucher List for Meeting of August 01, 2016**

Prepared: 07/25/16

Number	COMPANY	MONEY	CK#	PO#	REASON
1	Alpha Dog	150.00		2016-413	Monthly Maintenance & Hosting Fee:7/2016
2	At A Glance	119.79	9990	2016-397	2017 Standard Red Large Diary
3	Atlantic Tomorrows Office	375.27		2016-437	Copy Kit Fee: 4/1/16 to 6/30/16
4	Beckmeyer Engineering	6,250.00		2016-429	Engineering Services: July 2016
5	Beckmeyer Engineering	573.75		2016-432	Work Done for Approved Contracts
6	Beckmeyer Engineering	8,482.50		2016-433	Work Done for Approved Contracts
7	Bellaqua	65.45		2016-419	Water
8	Bio Triad Environmental Inc.	1,389.00		2016-375	Odor & Grease Control
9	Cleary, Giacobbe, Alfieri LLC	3,908.65		2016-415	Legal Services: 5/1/16 to 5/31/16
10	Cleary, Giacobbe, Alfieri LLC	3,850.00		2016-416	Legal Services: 6/1/16 to 6/30/16
11	Comcast	174.35	9950	2016-386	Internet Services: 07/02/16 to 08/01/16
12	D.W. Martine & Assoc. LLC	10,459.00	9996	2016-111	Chain & Assembly for Grit Collectors

13	D.W. Martine & Assoc. LLC	128.25		2016-126	Pins & Cotters for Grit Collectors
14	Deluxe Intl Trucks Inc.	1,338.17		2016-444	Service & Parts for Jet Truck
15	Emerald	253.95		2016-391	3 Cases XL Gloves
16	Emerald	253.95		2016-445	3 Cases XL Gloves
17	Ener-G Rudox	426.25		2016-243	Service Call for Generator @ Henry Street
18	Engineered Air Solutions	1,920.00		2016-314	Wet Well Exhaust Fan
19	Engineered Solutions Corp.	6,326.60		2016-436	Feasibility Study for the Implementation of SCADA
20	Envirogen Tech.	407.50		2016-192	Training On Control Panels For Odor Control
21	Eurofins QC Lab	50.80		2016-439	Analytical Services: 06/09/16
22	Eurofins QC Lab	236.50		2016-440	Analytical Services: 06/09/16
23	Ferraioli, Wielkotz, Cerullo & Cuva	17,500.00		2016-408	Audit Services Yr Ended 12/31/2015
24	Fisher Scientific	184.63		2016-398	Lab Supplies
25	Fisher Scientific	1,131.71		2016-411	Lab Supplies
26	Grainger	75.32		2016-428	Case of Cleaning Cloths
27	Home Depot	37.94		2016-379	Weed Killer
28	Home Depot	177.05		2016-410	Maintenance Supplies
29	JCI Chemical	1,797.40	9991	2016-312	Sodium Hypochlorite
30	JCI Chemical	1,792.24		2016-354	Sodium Hypochlorite
31	JCI Chemical	1,965.10		2016-395	Sodium Hypochlorite
32	Lowes	85.38		2016-359	Wheels for Lawn Mower
33	Miracle Chemical	897.75		2016-370	Sodium Bisulfite
34	Miracle Chemical	1,316.70		2016-401	Sodium Bisulfite
35	Municipal Capital Finance	164.77	9997	2016-425	Copier Lease: Payment # 37 7/29/16
36	Nassor	69.50		2016-385	Fuses for Pump Station#1
37	Nassor	24.17		2016-396	Relays for Pump Station #1
38	Nassor	462.84		2016-434	Lot Of Supplies Secondary Clarifiers (Electrical)
39	One Call	8.75		2016-412	Markouts
40	PSEG	1,157.79	9998	2016-404	Power: June 2016
41	PS & S	330.00		2016-455	Professional Services: HMGP Grant 6/30/16
42	PVSC	22,080.00		2016-407	Sludge Disposal:05/16/2016 -06/15/2016
43	PVSC	20,928.00		2016-454	Sludge Disposal:06/16/2016 -07/15/2016
44	Persistent Construction	2,750.00		2016-405	Removed & Replaced Manhole
45	Persistent Construction	13,173.43		2016-446	Valve Replacement 1100 Koelle
46	Persistent Construction	15,248.60		2016-447	Hydrant Repair 1100 Koelle
47	Pitney Bowes	117.00		2016-414	Postal Meter Rental Fees: 7/1/16 to 9/30/16
48	Power Place	642.00		2016-376	Deck for Lawn Tractor
49	Praxair	231.47		2016-449	Lease Renewal For Tanks
50	Pumping Services	1,360.00		2016-389	Emergency Service Call PS# 1
51	Pumping Services	3,200.00		2016-420	Power Cable for Secondary Pump
52	Pumping Services	1,648.00		2016-421	Labor Cost for Emergency Secondary Pump
53	Pumping Services	819.00		2016-442	Rental Fee for 5HP Trash Pump
54	R&D Trucking	11,055.00		2016-409	Sludge Removal: June 2016
55	Secaucus Home News	167.22		2016-443	Synopsis of Audit
56	Spectraserv	3,956.00		2016-406	Monthly Container Charge: June 2016

57	Staples	153.85		2016-360	Office Supplies
58	Staples	96.47		2016-402	Office Supplies
59	State of NJ	33,881.22	TEPS	2016-422	Hospitalization: Active Employees: 7/2016
60	State of NJ	1,283.63	TEPS	2016-423	Hospitalization: Retiree Employees: 8/2016
61	Suez Water NJ	1,539.81	9949	2016-387	Water
62	Town of Secaucus	1,630.08		2016-424	Dental Reimbursement: August 2016
63	Town of Secaucus	169.98		2016-431	2 Way Radios
64	Union Auto Parts	30.00		2016-448	Headlight Bulbs For Chevy Pickup
65	Union Auto Parts	75.00		2016-417	Bulbs & Oil
66	Universal Electric Motor	315.00		2016-390	Repair to Hoist Motor PS#4
67	USA Blue Book	1,229.18		2016-378	Odor Block, Casting For Pole Mount
68	Verizon	305.62	9999	2016-427	Telephones
69	Verizon Wireless	204.66	1000	2016-426	Telephones: 07/13 to 8/12/16
70	WEF	103.00		2016-450	Annual Membership Renewal: A. Smethkowski
71	WEX Bank (Sunoco)	553.46	9951	2016-392	Fuel: June 2016
72	William Katchen	12,000.00		2016-418	Accounting Services 7/2015 to 12/2015
73	WinCan LLC	1,500.00		2016-430	Annual Service Support
<b>TOTAL:</b>		228,765.45			

Roll Call to approve the voucher list as presented: g. Schoenrock: Aye; G. Pascarello: Aye; G. Schoenrock: Aye. Approved: 3-0-0.

Old Business: None

New Business: None

### **Report of the Executive Director July 2016 {July 28, 2016}**

- In the process of installing a new bank of conduit for the secondary sludge pumps project. A dead short was detected between the secondary clarifiers and the main control panel. We are running five separate banks of conduit to correct this problem.
- Contract for the purchase and installation of the dual fuel converter has been awarded. Contractor I the process of pulling permits to proceed.
- Met with the Authority's Environmental/Regulatory Engineering firm PS&S and the Office of Homeland Security & Preparedness regarding some of the security system upgrades into the SCADA system. It was determined that technical specifications would be covered under the OHSP grant. Awaiting a formal proposal from PS&S; correspondence in the meeting package.
- Continued contact with the Town regarding the possible connection of the USCG Auxiliary building to the SMUA sanitary on Meadowland Parkway. Met with Councilman McKeever to go over cost proposals that the Authority presented to the Town several months ago.

- Glenn provided additional drawings for conduit runs for the SCADA installation.
- Had several conversations and emails with the members of the NJHDG to discuss plans moving forward to supply regulatory agencies with analytical data in an effort to prove a reduction in discharge limitations is appropriate and discussed the proposed contract. The Resolution regarding this contract is on tonight's agenda.
- The larvacide applied to reduce fly population has resulted in a drastic reduction of fly population.
- The replacement cost for the valve for the isolation of flow to primary clarifiers 3, 4 & 5 is \$22,500.00 for the valve only. Trying to obtain prices for the installation to put together a complete, formal quote.
- A meeting is scheduled for August 3, 2016 with Local 11 regarding labor negotiations.
- Received quotes for the replacement of the scum collection trough on the gravity sludge thickener. We will be awarding contract after document review. Two quotes received: (A) \$38,000.00 and (B) \$15,780.00.
- Registered for the Water Environment Federation Technical and Educational Conference, to take advantage of early registration discount. The conference takes place in September 2016.

**SECAUCUS MUNICIPAL UTILITIES AUTHORITY  
ENGINEER'S REPORT  
JULY 2016**

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

- Bids were published and will be accepted on April 29, 2016. Project was rebid due to excessive bid numbers. Rebid opening to be June 1, 2016. The low responsible bidder was Envirocon from N.J. at \$119,000. Gathering the paper work from the Contractor to sign the contractor before the pre-construction meeting is held. Since the conversion equipment is more than a month to order and all other work will be done at that time, the preconstruction meeting will be held when the contractor receives the delivery date of the conversion kit.
- Still looking into a design to supply sanitary services to the Coast Guard Building. We have compiled the costs of to bid out either a force main/pump station installation or a gravity system. Submitted the comparison information to the Town for review and input. The Mayor had 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. Received plans and reviewed, issued comments back to the applicants engineer. Revised plans have just been submitted, starting the review.
- 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 NJSEA on their GIA/Meri system. The tax department is waiting on a proposal from the Town to update the Tax Maps. We are also

- meeting again with the NJSEA to gather information on use of their system and/or data.
- Started investigation to determine the capital cost for the replacement of the trickling filters plastic media. Estimated cost for delivery of Media > \$1,000,000 without installation or disposal of old media.
  - Prepared scope to replace roof on Pump Station #2/3 building and sent to three roofing contractors for quotes.
  - Reviewing information of revised project at 46 Meadowlands Parkway. Preliminary approval of flow numbers for a TWA application. At this time the new facility will be utilizing the existing lateral from the old structure, therefore, no review is required on installation.
  - 2 Secondary sludge pumps burnt out due to a shorted power feed. A rental pump was installed along with a temporary pump feed cable from the panel in the sludge building to the clarifier. We are acquiring proposals to install new conduit and feed wiring between the panel and the clarifier. Conduit has been installed. Waiting on the electrician to install the new wiring.
  - Preparing a scope to supply and install the scum collecting “beach” within the sludge thickener tank. The SMUA will empty and clean the tank with the contractor doing the remaining work. We will also be replacing a 6” eccentric ball valve at the bottom of the tank since it will be empty and out of service. Prepared a RFP and uploaded it to the SMUA web page. Held a pre-bid meeting with three contractors in attendance. Two contractors bid with Rapid pump and meter Services being the lowest at \$15,780.00. Second bidder was \$38,000.00.
  - Responded to a request to locate SMUA facilities within two areas County Road/New County Road intersection and Penhorn Avenue/Secaucus Road intersection for the proposed Gateway-Trans Hudson Partnership Amtrak Tunnel Project (GTHPATP). Sent the GTHPATP sketches with the approximate location of sewer lines and elevations within their requested zone.
  - Met with representatives for the proposed Hudson County Technical School to be located on New County Road. Produced Estimated flow letter for the Authority and Applicant. Started technical review.
  - Met with Chuck Cuyulis on the proposed SCADA project. Started preparing facility layouts and the conduit design runs. Sent Chuck Cuyulis preliminary plans for review and markup.
  - A “Change of Use” has been submitted for 4 Emerson Lane. The applicant is converting 8,000 sf of existing warehouse into a digital printing operation. The applicant has explained the new equipment will only produce 2,500 gpd of rinse water accomplished by an evaporation/condensation system that would be free of any ink. The only way ink could enter the system is by a malfunction. I am requesting further information on the new equipment with respect to the water usage and discharge.

**Beckmeyer Engineering, P.C.**  
**Glenn M. Beckmeyer, P.E.,P.P.,CME**  
**Authority Engineer**  
**July 27, 2016**

**OPERATIONS REPORT – July 2016**  
**Submitted August 1, 2016**

KOELLE BOULEVARD FACILITY

- 1) The estimated average daily flow for the month was 2.6035 MGD. Maximum daily flow was 5.0279 M.G.; the total estimated flow for the month was 80.83 MG...
- 2) The exhaust fan for the Sludge Blower room was repaired.
- 3) The shear pin was replaced on the drive unit of the settling zone of Primary Clarifier number 3.
- 4) Six (6) new flyghts were installed in the old aeration zone of Primary Clarifier number three.
- 5) Routine maintenance and grounds keeping were performed.
- 6) The Serpentine tank was drained and cleaned.
- 7) New electrical conduit was installed from the Sludge Building to the Secondary Clarifiers for the sludge pumps. A new A.B.S. sludge pump has arrived on site. We are awaiting installation after the Electrician installs new power supply to the Secondary Sludge pumps. Hugerich Construction excavated the trench for the conduit.
- 8) Quotes have been received for the repair of the Sludge Thickening Tank Scum Trough.
- 9) New plywood ramps have installed over foam spray piping located on the Post Aeration Tank.
- 10) The Sodium Hypochlorite feed line was replaced on Odor Control tower number one.
- 11) Plant boilers were inspected by C.N.A. insurance.
- 12) A leak on sodium hypochlorite pump number two was repaired.
- 13) The sodium hypochlorite feed pump located in the wet well of Pump Station number one was replaced.

PUMP STATION # 1 Village Place

- 1) The estimated average daily flow was 1.0085 mg.
- 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 68,516 g.p.d...
- 2) Routine maintenance and grounds keeping were performed.

PUMP STATION # 3 Henry Street

- 1) The estimated average daily flow was 53,107 g. p. d.
- 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 grounds keeping were performed.
- 2) The estimated average flow was 22,956 g.p.d.

PUMP STATION #7 - Exchange Junction

1) Routine maintenance was performed.

COLLECTION SYSTEM: Approximately 355 feet of sanitary lines were cleaned. The Vac Con truck was out for repair for most of the month. International Truck first, then Vac Con. Assisted the D.P.W in cleaning various catch basins.

Respectfully Submitted  
Brian A. Beckmeyer Sr.  
Superintendent

At 7:20 a motion was made to adjourn the meeting by: F. Vogel; second by: G. Pascarello. All in Favor 3-0-0.