

**June 14, 2022**

Minutes of a meeting of the Secaucus Municipal Utilities Authority held on Tuesday, June 14, 2022 at 6:00 PM in Conference Room, 1100 Koelle Boulevard, Secaucus, New Jersey 07094. The meeting was called to order at 6:00 PM by Jorge Cardenas.

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

Roll Call:	Jorge Cardenas	Vice-Chairman
	Ray Spellmeyer	Secretary
	Dominic Mandarano	Commissioner

Excused: F. Vogel; Absent T. Stamm

Also Present: John Napolitano, Counsel; G. Beckmeyer, for Beckmeyer Engineering; Brian Bigler, Executive Director and Laurie Purcell for SMUA.

A motion was made by R. Spellmeyer, seconded by J. Cardenas to approve the minutes of the May 3, 2022, meeting of the Authority. Minutes approved as presented 3-0-0.

**RESOLUTION 2022-06-01-A**  
**SECAUCUS MUNICIPAL UTILITIES AUTHORITY**  
Hudson County, New Jersey

**Resolution Authorizing Agreement for Professional Services  
with Great Lakes Environmental Center**

**MOTIONED BY:**

**SECONDED BY:**

**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; and

**WHEREAS** the Authority agrees to be responsible for its pro-rata share of any work at an estimated amount not to exceed \$5,791.80; 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

**WHEREAS**, in accordance with N.J.A.C. 5:30-5.4(a)(3), the Authority certifies the availability of funds to cover the maximum dollar value of the pending contract as set forth in this Resolution.

**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.

A notice of this action shall be published in the official newspaper of the Authority.

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: June 14, 2022

The Resolution was approved on a motion by D. Mandarano, seconded by R. Spellmeyer. This was approved on a roll call vote: J. Cardenas, Aye; D. Mandarano, Aye; R. Spellmeyer, Aye.  
Approved: 3-0-0

The voucher list was moved on a motion by D. Mandarano, seconded by J. Cardenas. The total amount of this voucher list is \$218,508.77. This was approved by roll call vote: R. Spellmeyer, Aye; J. Cardenas, Aye; D. Mandarano, Aye. Voucher list approved 3-0-0.

The following reports were accepted as presented:

**Report of the Executive Director  
May 2022 {submitted June 2, 2022}**

Due to the COVID-19 virus crisis, while restrictions have been relaxed staff is being diligent in maintaining a safe work site. All non-vaccinated personnel are now required to wear a face covering while at SMUA facilities or vehicles.

- We continue to monitor the sewers in low lying areas for cleaning & inspection. T Staff will perform any assistance, required by DPW & continued working with them on storm sewer issues.
- SCADA: work has progressed. There are still some minor issues regarding this contract, specifically training. We met again w/Keystone, Beckmeyer Engineering and Ensocorp (SMUA IT) to hash out any outstanding items. There are still some remaining punch list items.
- Received an application for a proposed hotel at 655 Plaza Drive. This is currently under review. Nothing further to report.
- Rapid Pump and Meter onsite work is almost completed to retrofit primary clarifiers 1 & 2. There was an issue with one of the lower bearings that they damaged and will replace at no additional cost.
- The emergency generator for PS#2 has failed and due to age, parts are no longer available. Staff had to rent a mobile unit until a replacement unit can be obtained and installed. Note, PS#3 is of the same age and will probably require replacement also but is still operable. Had Kinsley onsite to see if a temporary repair could be made to existing unit & they sent Power Plus who assured us they could get this unit running. Contacted PSEG about availability of NG near both sites, and there is. Engineer will present a report regarding the replacement of these two units.
- The grinder mechanism at PS#1 has been repaired.
- Authority Counsel has been in contact with the attorney for 246-248 County Ave. The property owner upgraded the existing site to include a restaurant and does not agree with the connection fee assessed.
- Received preliminary information about the conversion of a warehouse at 600 Jefferson Ave, to another data recovery center.
- Received preliminary information from a contractor working for NJDOT about demolishing the existing building at 25 Meadowland Parkway and constructing a new facility.
- Received preliminary information for 25 Enterprise Avenue change in use.
- Jet truck is in the shop for repairs to the suction 90 degree elbow.

**OPERATIONS REPORT –May 2022  
Submitted May 26, 2022**

## KOELLE BOULEVARD FACILITY

- 1) The estimated average daily flow for the month was 3.0198MGD. The estimated total flow for the month was 78.7998MG.
- 2) Routine maintenance and grounds keeping were performed.
- 3) Maintenance performed on pumps in PS#1.
- 4) Rapid Pumping is still work on primary # 2
- 5) New lights are being put in around the plant
- 6) New soft starts for pump station 2 and 3
- 7) Jet truck going to Peirce Eagle for repairs

## PUMP STATION # 1 Village Place

- 1) The estimated average daily flow was 1.072 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 4211 gallons per day.
- 2) Routine maintenance and grounds keeping were performed.

## PUMP STATION # 3 Henry Street

- 1) The estimated average daily flow was 72887 gallons per day.
- 2) Routine maintenance and grounds keeping were performed.

## PUMP STATION # 4 New County Road and Seaview Drive

- 1) Routine maintenance was performed.
- 2) Station checked daily.
- 3) Cleaned out the wet well.

## PUMP STATION: Wilroy – Secaucus Road

- 1) This station is not in service.

## PUMP STATION # 5 Castle Road

- 1) Routine Maintenance and grounds keeping were performed.
- 2) Average daily flow: 22187pd

## PUMP STATION #7 - Exchange Junction

- 1) Routine Maintenance and grounds keeping were performed
- 2) Station checked daily.
- 3) Cleaned out the wet well

**Respectfully submitted,  
Joe Marchese, Plant Manager**

**COLLECTION SYSTEM:**

- 1) Feet jetted: 790 feet jetted
- 2) 2 Man 18 hours for DPW

**CCTV:**

0 Sanitary Mainline

694 feet for DPW

**Respectfully Submitted,  
Anthony Smentkowski, Maintenance Foreman, CCTV Operator.**

**SECAUCUS MUNICIPAL UTILITIES AUTHORITY  
ENGINEER'S REPORT  
FOR THE MONTH OF MAY**

**Page 1 of 2**

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

- SCADA. (abridged) The project has been awarded to Keystone Engineering Group. Keystone is completing their panel fabrication and performing their shop testing (abridged). Keystone has started addressing the punch list. Keystone has been onsite addressing the punch list.
- Received and started a review on a pump station flow meter report for the Exchange Place Pump Station (abridged). 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. 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. It now appears the NJSEA has received a zoning application for a 24-story residential structure. Spoke with Secaucus Plumbing Official concerning the addition of a 25-story housing unit. It appears major revisions will be required within the SMUA Sanitary Sewer System. The SMUA

received a zoning approval for this project. Information was submitted to the SMUA concerning existing and proposed units. Exchange Engineer submitted letter on Pump Station capacity and new proposed units. Analyzing proposed flows for proposed high rise to flows submitted on the TWA to NJDEP. Also analyzing future flows beyond the proposed high rise for probably pump/force-main upgrades at the Exchange Place Pump Station and down-stream at the Seaview Avenue Pump Station and the North End Pump Stations.

- I will be meeting with the Facility manager for 600 Meadowlands Parkway (Harmony) on Friday 1/2/2021 to review the Suez water meters and to follow a domestic water supply line that does not follow the new water meter installed by the facility's management. The SMUA also requested additional Suez water bills for the facility as well as another visit to an adjoining unit to check the water supply piping. Continuing to email Facility Manager for information from their plumber and also requested further water bills and meter readings. Resent last request to facility manager.
- Specifications and Plans for the rehabilitation of Primary Clarifier Tanks 1 & 2 were completed. There is a memorandum to the SMUA from my office requesting that the equipment to be specified be from a "Proprietary Source". The reasons for utilizing a "Proprietary Source" are explanatory in the memorandum. This will need approval from the SMUA Commissioners. Project approved and awarded. Following a review of equipment submittals from the Contractor, the equipment was released for fabrication. Equipment expected to be delivered in two weeks. Equipment has been delayed at the port. Waiting for new schedule. Demolition on Primary Clarifiers # 1 & 2 has begun. Demo is complete and the new equipment is being installed within the tanks. New equipment is almost installed. Primary is up and running. Primary tank # 2, the contractor is waiting on a replacement part that was broken during installation, the manufacturer shipped the wrong replacement and is sending the right part. Should be completed in 2 weeks. Contractor still waiting on replacement parts.
- The work to install an additional layer of roofing material over the central office/break area roof has begun. Roof drains in the area will also be reset. Roof work has been completed. A leak was detected and is being investigated. Roof has been completed.
- Reviewing flows generated by "Rent the Runway" 100 Metro Way. The facility is replacing wash machines and appears to be discharging more than previously approved by SMUA
- The emergency generator at the Turnpike Pump Station has failed. Researching a replacement. Also, researching a generator for the Henry Street Pump Station, which is of the same age. The Board will receive an engineer's recommendation on this matter for review and approval.

Zoning Certificate Notices for required SMUA Sewer Connection Application:

Address	Zoning Certificate	Request Dates		SMUA App.	SMUA Fee	Engineers Report
		1 <sup>st</sup>	2 <sup>nd</sup>			
Lincoln Gateway	#17-239	N/A	N/A			Schedule site visit.
101 Plaza Center Unit 101 New Construction	#20-109	4/12/21	5/19/21	No	No	Contacted applicant emailed forms. No response to date.
600 Jefferson Ave	-	3/16/22	N/A	Yes	No	Reviewing New Submittals.
600 Meadowlands Parkway (1125 Castle Road)	#21-479	N/A	N/A	No	No	
150 Harmon Meadow (Chick-fil-A)	-	N/A	N/A	No	No	
246-248 County Road	-	N/A	N/A	No	No	
25 Enterprise	#20-375	N/A	N/A	No	No	

**Beckmeyer Engineering, P.C.**  
**Glenn M. Beckmeyer, P.E.,P.P.,CME,CFM**  
**Authority Engineer June 1, 2022**

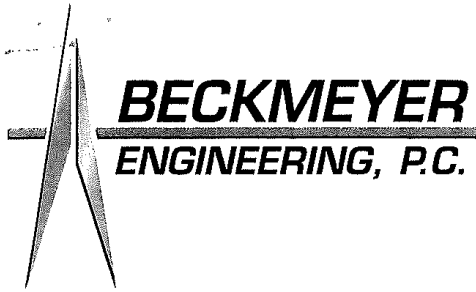
**Legal:** no report

**New Business:** None

**Old Business:** None

**Public Comments:** None

A motion was made at 6:23 p.m. by R. Spellmeyer to adjourn the meeting, seconded by D. Mandarano. All in Favor: 3-0-0.



	Y	N	A	O
① Cardenas	✓			
Manderano	✓			
② Spellmeyer	✓			
Stamm				
Vogel				

Secaucus Municipal Utilities Authority  
 1100 Koelle Boulevard  
 Secaucus, New Jersey 07094

June 8, 2022

Attn.: Mr. Brian Bigler, Executive Director

**RE: Turnpike and Henry Street Pump Stations  
 Emergency Generator Replacements  
 Scope of Work**

Dear Mr. Bigler:

As you are aware, the Emergency Generator at the Turnpike Pump Stations (T.P.S.) has not been reliable. It has recently failed due to a malfunctioning fuel pump and is not operable. The Generator was installed approximately 1977 or 1978 during the "898" comprehensive Town wide sanitary sewer project. Presently, the SMUA is attempting to locate parts for this generator and/or trying to find a contractor whom can repair the generator to keep it in service as long as possible. It is our Professional Opinion since an Emergency Generator is an essential piece of equipment within the Town 's Sanitary Sewer Collection System, and this generator has been failing and parts are becoming scarce to find that the Authority should replace the approximate 45-year-old unit. It is also our Professional Opinion that since the Henry Street Pump Station Emergency Generator was installed during the same project, is of the same age and model as the Turnpike P.S. Generator, and the scarcity of parts that the Authority should also replace this unit as well. It is also our Professional Opinion that being also an essential piece of equipment similarly the SMUA should not chance the reliability of this unit. Beckmeyer Engineering has done preliminary engineering to determine the work needed to complete this project(s). This memo will outline the work required and preliminary estimates for the work required.

**Existing Conditions**

The Pump Stations at the Turnpike and Henry St. are identical. Each site is on a 35ft. by 25ft. plot. The pumps are enclosed in a cylindrical concrete shaft. The generator is set inside a 12 ft. concrete cylinder slightly above grade. The existing generator is a diesel-powered generator rated at 60KW. The fuel supply is contained in a 200 gal. buried tank.

**Proposed Project**

The project proposes to replace the existing generators, The replacement emergency generators will also be rated at 60 KW. They will be natural gas fired. This will eliminate the need to have the fuel tanks filled, especially during an extended electric power outage. The replacement generators will be installed outside the existing enclosure. The replacement generators will not fit into the existing enclosure due to the modern Enclosure required for sound, vibration and heat. We have received price quotes through

P.O. Box 404, East Rutherford, New Jersey 07073  
 (201) 635-9401 • (201) 635-9404 Fax



**RE: Turnpike and Henry Street Pump Stations  
Emergency Generator Replacements  
Scope of Work**

SourceWell Co-Op for the replacement generators as well as other suppliers, however, SourceWell Co-Op has the earliest availability and lowest price. It should be noted that by utilizing the SourceWell Co-Op the SMUA does not need to expend any funds for public bidding, since this Co-Op is a New Jersey recognized bidding unit. It should also be noted that the SMUA, in our Professional Opinion, would be allowed by N.J. bidding laws to purchase the Turnpike Emergency Generator (minimally) out right since the Emergency Generator is considered an essential piece of equipment to safely and healthy operate the Town' Comprehensive Sanitary Sewer Collection System.

**Scope Items**

- Purchase Generators
- Natural gas service supply to site.
- Foundation Work
- Electrical Connections to existing transfer switch.
- Connection to existing SCADA system.
- Removal of existing generators.
- Removal of underground fuel oil tanks.

**Preliminary Estimates**

**Turnpike Pump Station**

<u>Item</u>	<u>Est. Cost</u>	<u>Comments</u>
• Purchase Generator	\$ 25,000	Quote from Sourcewell
• Natural Gas Service	\$ 15,000	By PSE&G
• Foundation Work	\$ 25,000	
• Equipment Installation	\$ 15,000	Includes testing
• Electrical Work	\$ 8,000	
• SCADA	\$ 5,000	
• Removal of existing Equip.	\$ 5,000	
• <u>Removal of Fuel Tank</u>	<u>\$ 3,000</u>	
<b>Total</b>	<b>\$ 96,000</b>	

**Henry St. Pump Station**

<u>Item</u>	<u>Est. Cost</u>	<u>Comments</u>
• Purchase Generator	\$ 25,000	Quote from Sourcewell
• Natural Gas Service	\$ 15,000	By PSE&G
• Foundation Work	\$ 25,000	
• Equipment Installation	\$ 15,000	Includes testing
• Electrical Work	\$ 8,000	
• SCADA	\$ 5,000	
• Removal of existing Equip.	\$ 5,000	
• <u>Removal of Fuel Tank</u>	<u>\$ 3,000</u>	
<b>Total</b>	<b>\$ 96,000</b>	

**RE: Turnpike and Henry Street Pump Stations  
Emergency Generator Replacements  
Scope of Work**

**Risk Items**

There are several items which could add to the cost of the project. Soil conditions could require additional costs for helical piles. Removal of the under-ground storage tanks may reveal leaks in the tank requiring environmental remediation.

**Estimates for Risk Items per Pump Station**

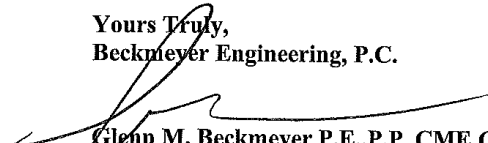
- Helical Piles 7,000 (not including soil borings report)
- UST Remediation 10,000 (rough estimate but could be exceeded)

**Total Project Estimate**

Turnpike Pump Station (Base Est.)	\$96,000
Turnpike Pump Station (Risk Items)	\$17,000
Henry St. Pump Station (Base Est.)	\$96,000
Henry St. Pump Station (Risk Items)	\$17,000
<b>Total Maximum Estimate</b>	<b>\$226,000</b>

The above estimates are based on the information available today, and will be revised as the project progresses. We have not included any estimates for engineering and design for Beckmeyer Engineering, but will furnish on when requested.

Yours Truly,  
Beckmeyer Engineering, P.C.

  
Glenn M. Beckmeyer P.E., P.P., CME, CFM  
Authority Engineer

	Y	N	A	O
Cardenas	✓			
Manderano	✓			
Spallmeyer	✓			
Stamm				✓
Del				✓



EXECUTIVE COMMITTEE

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Executive Vice President  
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VICE PRESIDENT

**Thomas W. Sigmund**  
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Buffalo Sewer Authority  
Buffalo, NY

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**Diane S. Taniguchi-Dennis**  
Chief Executive Officer  
Clean Water Services  
Hillsboro, OR

CHIEF EXECUTIVE OFFICER

**Adam Krantz**

1130 Connecticut Ave NW  
Suite 1050  
Washington DC 20036

T (202) 833-2672  
F (888) 267-9505

[www.nacwa.org](http://www.nacwa.org)

May 17, 2022

**Brian Bigler**  
Executive Director  
Secaucus Municipal Utilities Authority  
1100 Koelle Blvd  
Secaucus, NJ 07094-4100

Dear Brian:

Congratulations! On behalf of the National Association of Clean Water Agencies, I am pleased to inform you that the Secaucus Municipal Utilities Authority's *Koelle Boulevard Wastewater Treatment Facility* earned a *Platinum Peak Performance Award* for 23 years of 100% compliance.

As part of our celebration of our Platinum Peak Performance honorees, we will be honoring our award-winning facilities with a multi-media presentation. Information and key deadlines regarding the presentation are found in the *Essential Information for Award Recipients* pdf included with this correspondence.

Additional honors that your utility may have been awarded, such as Gold or Silver Awards, will be mailed to you along with your Platinum certificate after the Awards Ceremony.

Again, congratulations on a job well done.

Sincerely,

**Laura Biefer**  
Chair, NACWA Awards Committee  
Director of Public Utilities  
Salt Lake City Corporation, UT

**Adam Krantz**  
NACWA CEO

Enclosure: Essential Information for Award Recipients

**Brian Bigler**

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**From:** sales@miraclechemical.com  
**Sent:** Thursday, June 9, 2022 6:30 PM  
**To:** Brian Bigler  
**Subject:** Treatment Chemical Conditions

\*\*\* CAUTION: This email originated from outside the Town Of Secaucus \*\*\*

Good Morning, Brian.

Thank You for the time you spent with me discussing the current market conditions of Sodium Hypochlorite and Sodium Bisulfite.

Miracle Chemical Company appreciates the opportunity to provide these requirements to your facility. We hope that the service and product being delivered have met your expectations.

Unfortunately, due to unprecedented increases in both chemicals and fuel transportation costs, we find it necessary to request relief from our current and future contract.

As a distributor, we have no choice but to accept these increases from our suppliers to ensure that our customers continue to receive these essential products.

Miracle Chemical Company respectfully requests that the Authority Board consider the following:

- A Fuel Surcharge Delivery of \$50.00 on each delivery for both products.
- This will aid to offset the increasing transportation costs to deliver these products.
- Adjust the Contract from Two Years to One Year based on these volatile conditions.
- Two Year Contracts are very challenging to all Producers and Distributors currently.
- Bid these requirements for a Six Month or One Year period until conditions stabilize.

I appreciate your understanding and hope to have the privilege of continuing to service these requirements through this very difficult time.

Regards,  
Robert A. Allotta  
Vice President of Sales and Marketing  
Miracle Chemical Company  
1151 B Highway 33  
Farmingdale, NJ 07727  
(732) 938-9110 (office)  
(732) 610-6627 (mobile)  
(732) 938-6630 (fax)

	Y	N	A	O
Cardenas	✓			
Manderano	✓			
Spellmeyer	✓			
Stamm				
Vogel				