

**April 04,2023**

This meeting was called to order at 6:00 PM by Chairman Fred Vogel.

Pledge of Allegiance/Salute to the Flag

The Open Public Meetings Act was read. Included in this statement was that this meeting was posted on the Authority website, the Authority bulletin board and a copy sent to Town Hall.

Roll Call:

Fred Vogel	Chairman
Jorge Cardenas	Vice-Chairman
Ray Spellmeyer	Secretary
Domenic Manderano	Treasurer

Excused: Tim Stamm-Board Member

Also Present: Brian Bigler, Executive Director; John Napolitano, Counsel; G. Beckmeyer, for Beckmeyer Engineering; L. Purcell, Admin.

A motion was made by R. Spellmeyer; second by J. Cardenas, to approve the minutes of the February 07, 2023, meeting of the Authority. Minutes approved as presented. All in favor 4-0-0.

The Consent Agenda was moved on a motion by D. Manderano, second by J. Cardenas and is as follows:

**RESOLUTION # 2023-04A**  
**SECAUCUS MUNICIPAL UTILITIES AUTHORITY**  
**Hudson County, New Jersey**

**RESOLUTION AUTHORIZING CONTRACT WITH ENGINEERED SOLUTIONS CORPORATION**

**WHEREAS**, the Secaucus Municipal Utilities Authority (the “Authority”) is a public body, duly formed under the Municipal and County Utilities Authority Law, N.J.S.A. 40:14B-1, et seq., and possesses the powers set forth therein; and

**WHEREAS**, Engineered Solutions Corporation provided a proposal to provide SCADA and Surveillance Systems Engineering Services to the Authority on February 1, 2023 in an amount not to exceed \$30,000; and

**WHEREAS**, the Authority has determined that it is in its best interest to accept this proposal and entered into a contract with Engineered Solutions Corporation as of February 1, 2023; and

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

**WHEREAS**, in accordance with N.J.S.A. 5:30-5, et. seq. the Authority certifies the availability of funds for this contract.

**NOW, THEREFORE, BE IT RESOLVED**, by the members of the Secaucus Municipal Utilities Authority as follows:

1. The Authority hereby ratifies and approves the Contract between the Authority and Engineered Solutions Corporation effective February 1, 2023 through January 31, 2024.
2. The Executive Director shall take any actions and execute any documents necessary to effectuate the terms of this Resolution.

**SECAUCUS MUNICIPAL UTILITIES AUTHORITY  
SEWER USE RULES AND REGULATIONS  
2023-04B**

Rules and Regulations governing the discharge of wastewater into the Secaucus Municipal Utilities Authority's Wastewater Treatment Facility and all sewers tributary thereto.

**WHEREAS**, the Federal "Clean Water Act Amendments of 1977", as amended, 33 U.S.C. 1251 et.seq., the New Jersey "Water Pollution Control Act", N.J.S.A 58:10A-1 et.seq., and the New Jersey "Pretreatment Standards for Sewage, etc", N.J.S.A. 58:11-49 et.seq. 1972 have resulted in a program of management and cleaning up waters of the Nation; and

**WHEREAS**, the Secaucus Municipal Utilities Authority has already made and will continue to make a substantial financial investment in its wastewater treatment facility to achieve the goals of the acts; and

**WHEREAS**, the Secaucus Municipal Utilities Authority seeks to provide for the use of its Wastewater Treatment Facility by its users served by it without any physical damage to all Authority Facilities, without impairment of their normal function of collecting, treating, discharging and management of the wastewater, and without violation of any discharge pollutant limitations and other conditions by its Wastewater Treatment Facility which is regulated under the New Jersey Pollutant Discharge Elimination System (NJPDES) permit and the applicable rules of all governmental authorities with jurisdiction over such discharges.

**NOW, THEREFORE**, be it ordained and enacted by the Secaucus Municipal Utilities Authority, County of Hudson, State of New Jersey as follows (by the entire text of the Sewer Use Rules and Regulations).

The Consent Agenda was approved as presented by roll call vote. D. Manderano: Aye; R. Spellmeyer: Aye; J. Cardenas: Aye; F. Vogel: Aye. Motion carries 4-0-0

The voucher list was moved on a motion by F. Vogel, second by D. Manderano. The total amount of this voucher list is \$173,179.74. This was approved by roll call vote: D. Manderano: Aye; R. Spellmeyer: Aye; J. Cardenas: Aye; F. Vogel: Aye. Voucher list approved 4-0-0.

The following reports were accepted as presented:

**Report of the Executive Director  
March 2023 {submitted March 30, 2023}  
For the Authority meeting of April 4, 2023**

- We continue to monitor the sewers in low lying areas for cleaning & inspection. Staff will perform any assistance, required by DPW & continued working with them on storm sewer issues. This included assistance to remedy flooding situation on Meadowland Parkway by NJDOT yard.
- Received one generator unit, now awaiting on survey completion to allow for the installation of pad & fencing.
- Continued meeting with Authority Regulatory Engineers to address permit issues that may be imposed in the permit renewal. That is the permitted effluent discharge to Mill Creek and permit cycle is every five (5) years. NJDEP is seeking to impose effluent limits on copper and zinc. We are adamantly opposed to the inclusion of such limits based upon surface water quality standards and are not site specific. Recent correspondence from them is that zinc limit will be removed & copper limit still needs addressing. Indications are that the existing permit limits shall remain & that DEP is more focused on PFAs & PFOs than our copper issue. Note that I am aware of facilities that have not had final permits issued for several years.
- Dewatering scheduled to proceed for the 600 Jefferson Ave. late March, early April. The contractor who sent over 1256 pages of data to review. Has pulled the Treatment Works Approval application from NJDEP. The new estimates are well below the 8,000 gpd originally submitted (<3,000 gpd).

**CONNECTIONS:  
ALL ITEMS REMAIN OPEN.**

- Received preliminary information from a contractor working for NJDOT about demolishing the existing building at 25 Meadowland Parkway and constructing a new facility. The fee is waived due to this being a DOT facility. Received the \$500 review fee and processed the application. This has been approved.
- Received preliminary information for 25 Enterprise Avenue change in use. Sent information about the cost associated with this change in use. This fee has been paid in full.
- 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. No further action to report. I have heard that the owner is selling this property (no confirmation).
- Received payment in full for the Equinix NY03 conversion of a warehouse at 600 Jefferson Ave, to a data recovery center.

- An agreement has been executed regarding the additional flow from Rent the Runway (RTR). First payment installment has been received. HMI to proceed with the installation of a new sewer line and manhole to contain this additional flow.
- Received an application for another data center located at 2 Emerson Lane. Under review.
- Received an application for 300 Castle Road. This has been reviewed by the Authority Engineer and has been determined that there will be no additional flow so no connection fee assessed.

In addition, the Executive Director reported we might start sampling for PFAs. He has contacted the contract laboratory for pricing, certification, and sampling requirements. The Authority has received a quote from Skyline Environment to perform the 2022 RTK survey. They will also be tasked with instruction of staff for future surveys. A new property valuation was done (last one performed 10 years ago) and, we anticipate an expected increase in insurance premiums for the coming year.

## **OPERATIONS REPORT –March 2023**

### **Submitted March 29, 2023**

#### **KOELLE BOULEVARD FACILITY**

- 1) The estimated average daily flow for the month was 2.9134 MGD. The estimated total flow for the month was 82.0648MG.
- 2) Routine maintenance and ground keeping were performed.
- 3) Maintenance performed on pumps in PS#1.
- 4) New lights around the plant
- 5) Pumping Service was in to work on Pump station 2 and 3.

#### **PUMP STATION # 1 Village Place**

The estimated average daily flow was .1.119 MGD.

- 1) All pumps cleaned and maintained on a regular basis.
- 2) Routine maintenance and ground keeping were performed.
- 3) Removed the pump and took it for service.

#### **PUMP STATION # 2 Paterson Plank Road and Turnpike Exit**

- 1) The estimated average daily flow was 48528 gallons per day.
- 2) Routine maintenance and ground keeping were performed.
- 3) A new hoist put in to lift the basket out.

#### **PUMP STATION # 3 Henry Street**

The estimated average daily flow was 72941 gallons per day.

Routine maintenance and ground keeping were performed.

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

Routine maintenance was performed.

The station checked daily.

#### **PUMP STATION: Wilroy – Secaucus Road**

This station is not in service.

#### **PUMP STATION # 5 Castle Road**

Routine Maintenance and grounds keeping were performed.

Average daily flow: 0 pd

PUMP STATION #7 - Exchange Junction

- 1) Routine Maintenance and grounds keeping were performed.
- 2) The station checked daily.

**Respectfully submitted.**

**Joe Marchese, Plant Manager**

### **COLLECTION SYSTEM:**

Feet jetted: 4398 feet jetted.

DPW 2 men for storm drains cleanings # of hours total 8 hours.

Jet truck out for service.

### **CCTV:**

Camera

**Respectfully Submitted,**

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

## **SECAUCUS MUNICIPAL UTILITIES AUTHORITY ENGINEER'S REPORT MARCH 2023**

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

- 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. Reviewing plans received on 25 story housing structure. Reviewing tower connection and

existing system. To attend a meeting on 11/1/2022 for the sanitary and storm sewer connections at the site. Stopped by site to monitor progress.

- 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. It has been published that Harmony will be permitted to sell for recreation purposes, the SMUA will be revisiting the generated sanitary flow under this allowance. Sent emails to management company for water records for past year.
- 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. Reviewing supplemental information submitted.
- 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. Emergency Generators have been ordered. Site work investigation has started and request for survey issued. Awarded survey work and designing structural pad. Met with contractor for site evaluation. Submitted information to surveyor to determine easement boundaries for generator placement and fence location. Received the boundary survey form the surveyor for Henry Street pump station, proceeding with the final design. Surveyor still working with the NJTA on final boundary survey. Received final surveys. Met with PSEG onsite for gas service location. Producing final site plans.
- Started field work for lower-level electric box replacement and waterproofing at 1100 Koelle Blvd. Brought in electrician to open all electrical boxes for inspection. Waiting on report. Report has been received and is being reviewed. Requested three (3) separate cost estimates to replace electric boxes from contractor. Requested additional quotes utilizing aluminum.
- Preparing scope to empty and clean sludge holding tank. This was last done in 2010. Met with Spectra Serv to determine best course to accomplish cleaning. Facility personnel is gradually pumping down the sludge level for tank cleaning and sludge transfer pipe valve replacement.
- Issues have occurred with the gear drive/drive unit in the sludge thickening tank. Looking into options to replace equipment.

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>			
Brianna Lane- Bl 5.02, Lot 3.04 Building G, XChange	-	N/A	N/A			Under Review
2 Emerson- Coresite NY3	-	N/A	N/A	Yes		Under Review
100 Metro Way- Rent the Runway	-	N/A	N/A			Under review
700 Secaucus Road	File #22-407	11.17.22		No	No	Under Review
25 Meadowlands Parkway-	-	N/A	N/A	Yes	Yes	Under Review
200 Mill Creek	File #22-355	N/A	N/A	No	No	Under Review
600 Meadowland Parkway (1125 Castle Road) Suite 22D	File # 21-479	N/A	N/A	No	No	Under Review
150 Meadowlands Parkway (Suite 300)	File #22-411	N/A	N/A	No	No	3/10/2023

**Beckmeyer Engineering, P.C.**  
**Glenn M. Beckmeyer, P.E.,P.P.,CME,CFM**  
**Authority Engineer March 29, 2023**

Legal: Permit filed for an adjudicatory hearing regarding proposed copper limits on the facility effluent.

Public Comments: None

A motion was made at 6:18 PM to adjourn the meeting by F. Vogel, second by J. Cardenas. All in favor 4-0-0.