

December 7, 2021

The meeting was called to order at 6:00PM by Chairman 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
	Domenic Manderano	Treasurer

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

Excused: R, Spellmeyer; T. Stamm

A motion was made by Vogel; second by Cardenas, to approve the minutes of the November 9, 2021 meeting of the Authority. Minutes approved as presented 3-0-0.

The Voucher list was moved on a motion by Manderano, second by Cardenas. Voucher list approved on a roll call vote: Manderano: Aye; Cardenas: Aye; Vogel: Aye. Approved: 3-0-0. Total \$161,785.86.

Old Business: None

New Business: None

Legal: No Report

**Report of the Executive Director
November 2021 {submitted November 30, 2021}**

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. There were several CCTV jobs performed for the DPW regarding storm sewers. While staff will

perform any assistance, these tasks are cutting into our routine maintenance plan for the sanitary collection system.

- SCADA: work has progressed. We met with Glenn's office, Keystone and Ensocorp to hash out any outstanding items. We have been assured that the system will be 100% functional by year end.
- Received an application for a proposed hotel at 655 Plaza Drive. This is currently under review. Nothing further to report.
- Met with Town IT. It would seem that the only "home-run" would be to run a line directly off the Rec Center. We have a quote that is over \$25,000.00. Verizon fiber optic was finally installed.
- Still working with Rapid Pump and Meter on the installation of the secondary clarifiers and the installation of the new equipment for primary clarifiers #1 & 2. There was an issue with their proposals that was verbally corrected but still waiting and written communication. Work is scheduled for 1st full week in December.
- Persistent has completed work on securing the grit building platform due to some spalling on the roof.
- Repaired a plant water pump.
- Sent letter to NJDEP regarding the use of peracetic acid instead of sodium hypochlorite/sodium bisulfite. After discussion with other facilities, we may wait until we receive the new NJPDES permit from NJDEP regarding chlorine residual requirements.

OPERATIONS REPORT –November 2021

Submitted December 1, 2021

KOELLE BOULEVARD FACILITY

- 1) The estimated average daily flow for the month was 2.5190MGD. The estimated total flow for the month was 77.1035MG.
- 2) Routine maintenance and grounds keeping were performed.
- 3) Maintenance performed on pumps in PS#1.
- 4) Persistent Construction is in to work on the overhead concrete support beams.

PUMP STATION # 1 Village Place

- 1) The estimated average daily flow was 1.040 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 10972 gallons per day.
- 2) Routine maintenance and grounds keeping were performed.
- 3) Changed a pump out

PUMP STATION # 3 Henry Street

- 1) The estimated average daily flow was 100207 gallons per day.
- 2) Routine maintenance and grounds keeping were performed.
- 3) Pump No. 2 OOS due to bad EFF valve. Waiting on hardware, new valve is onsite.

PUMP STATION # 4 New County Road and Seaview Drive

- 1) Routine maintenance was performed.
- 2) Station checked daily.

PUMP STATION: Wilroy – Secaucus Road

- 1) This station is not in service.
- 2) Cut the Grass

PUMP STATION # 5 Castle Road

- 1) Routine Maintenance and grounds keeping were performed.
- 2) Average daily flow: 14132gpd

PUMP STATION #7 - Exchange Junction

- 1) _Routine Maintenance and grounds keeping were performed

Respectfully submitted.

Joseph Marchese, Plant Manager

COLLECTION SYSTEM:

- 1) Feet jetted: 1178 feet jetted
- 2) DPW: storm drains 16 hours for 2 men.

CCTV:

Sanitary Mainline

Respectfully Submitted,

Anthony Smentkowski, Maintenance Foreman, CCTV Operator.

**SECAUCUS MUNICIPAL UTILITIES AUTHORITY
ENGINEERS REPORT FOR THE MONTH OF NOVEMBER 2021**

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. Work is continuing on a limited basis due to the shut down and lack of available workers for the contractor. Construction has been on hold due to the COVID-19 situations. Work at the Pump Stations is mostly complete. Once this is complete, the Pump Stations will be tied into the main system at the Treatment Plant. Keystone completed all installations, waiting on start-up. Keystone was onsite to continue setup. Sent email to keystone on status of project. Sent certified letter to Keystone. Received initial response. Reviewing with Chuck Cuyulis for remaining punch list items. Had meeting with Keystone Representatives to discuss punch list. Keystone has started 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.
- Plans and a connection application has been submitted for a new building at the old Daffy's site in North Bergen. Even though this site is in North Bergen, the Sanitary Sewer is service within the SMUA system. A thorough review will be required since this flow is connected to the SMUA system through the Turnpike Pump Station. The Pump Station and Force Main will need to be analyzed for Capacity. Requesting and reviewing submitted materials from project engineer. Started preparing the Engineer's Report. Engineer's Report submitted. Review

TWA submitted by applicant's engineer, made comments and are awaiting a response or a revised TWA. A revised submittal has been submitted, the SMUA is required to have the Town of North Bergen sign off on the TWA prior to our acceptance. There have also been items added to the plans that are unexplained at this time. Requesting further information. Approved Plans. Waiting on information of Flow meter for pump station. Reviewing submitted flow meter material for acceptance. Requested further information on existing private sewer line location. Engineer submitted previous drawing showing the location of the force main within the NJDOT ROW.

- Contacting Rapid Pump to see the availability of the torque and limit switches for the remaining secondary clarifier tanks. Material expected arrival date 2/8/2021. One Item is still not delivered to the contractor. Contractor is scheduling the work for the limit switches in the center and western tanks. Contractor is required to submit revised proposals for the replacement of the new limit switches. Limit switch should be installed the week of December 6th.
- 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.
- Preparing details to rehabilitate the underside of the concrete slab of the Grit Chamber Floor. This is a suspended exposed floor that was built during the original facility in 1962 that the Grit Chamber and Bar Screen Equipment are located. Presently, there are scaffolding beams and posts in place to stop any falling pieces of concrete slab. These will be replaced by structural steel beams and columns to reinforce the slab. Structural steel, shop drawings were approved and contractor forwarded them to fabricator. Waiting on steel to be delivered. Contractor starting existing concrete slab preparation. Project has been completed.

- The Bi-Annual procurement specifications and bids were prepared and public bid. All bid proposals were publicly opened and are in the process of being reviewed for recommendation to the Authority.
- Prepared Annual Flow Certification of 2020 for 2022 Rates.

Zoning Certificate Notices for required SMUA Sewer Connection Application:

Address	Zoning Certificate	Request Dates		SMUA App.	SMUA Fee	Engineers Report
		1 st	2nd			
Lincoln Gateway	#17-239					Reviewing flow meter shop drawing for approval.
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.
50 Fairview Ave	-	10/20/20	11/6/20	No	No	Sewer lateral was constructed.

Beckmeyer Engineering, P.C.
Glenn M. Beckmeyer, P.E.,P.P.,CME,CFM
Authority Engineer November 29, 2021

A motion was made at 6:04 by Cardenas, second by Manderano to enter executive session.
 Approved 3-0-0.

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) 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 6:14 by Cardenas, second by Manderano to exit executive session. Approved 3-0-0.

A resolution regarding personnel was discussed and tentatively approved but will be formalized once negotiations are finalized. Meeting with parties scheduled for the following week.

The Annual Meeting dates for 2022 were approved.

Citizen's Comments: None

A motion was made at 6:18 p.m. by Vogel; second by Cardenas to adjourn the meeting. All in favor. 3-0-0.