

APRIL 06, 2021

The meeting was called to order at 6:00 PM 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. This meeting was held via teleconference.

Roll Call:	Fred Vogel	Chairman
	Jorge Cardenas	Vice-Chairman
	Raymond Spellmeyer	Secretary
	Domenic Manderano	Treasurer

Absent: T. Stamm

Also Present: Brian Bigler, Executive Director; John Napolitano, Counsel; G. Beckmeyer, Engineer.

A motion was made by F. Vogel second by J. Cardenas, to approve the minutes of March 2, 2021. Approved: 4-0-0.

The Voucher list was moved on a motion by R. Spellmeyer; seconded by J. Cardenas. Voucher list approved on a roll call vote: D. Manderano, Aye; R. Spellmeyer, Aye; J. Cardenas, Aye; F. Vogel, Aye. 4-0-0. Total \$176,138.91.

Old Business: None

New Business: The Executive Director had presented a memo to the Board prior to the meeting regarding compensation for J. Marchese and A. Smentkowski. This request was approved on a motion by F. Vogel, second by D. Manderano. Roll call vote: D. Manderano, Aye; R. Spellmeyer, Aye; J. Cardenas, Aye; F. Vogel, Aye. 4-0-0. This compensation will begin the next pay period and be memorialized by Resolution at May's meeting.

Legal: No Report

**Report of the Executive Director
March 2021 {submitted April 1, 2021}**

Due to the COVID-19 virus crisis, staff is performing basic maintenance, lab & operations. We have taken numerous steps to help curtail the spread of this virus.

- 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: Keystone due to the current pandemic, work continues to progress. Project is approximately 90% complete. No start-up date yet.
- Spoke with Town Administrator & DPW Superintendent regarding invoices from 5th & Centre and Firehouse on Centre. Both have agreed to the reimbursement, awaiting payment.
- PSI in to perform annual service for PS#1.
- Received an application for a proposed hotel at 655 Plaza Drive. This is currently under review. Nothing further to report.
- Working with the Engineer on the proposed replacement of the Daffy's warehouse. While the building is in North Bergen, the wastewater is conveyed to Secaucus. After several emails and conversations, the owners have agreed to pay the first ½ of the connection fee.
- 2nd round of negotiations with Local 11 scheduled for 4/20/21. Note this is the same union as the Town's DPW and as such, the SMUA mirrors a good portion of those negotiations specifically salaries and hospitalization.
- Working with the engineer regarding proposed development at Xchange.
- Had another meeting with engineers and Biosafe for the possible utilization of peracetic acid for disinfection purposes.
- I have been released from serving for State Grand Jury because of Essential Employee status.
- Stack tested the air quality of the emergency generator. Results to follow, but do not appear favorable. To be discussed further at the meeting.
- Met w/a representative from the Empire Meadowlands Hotel regarding the contaminated groundwater "pooling" beneath the foundation. Note: the SMUA has been charging for this discharge since 2014. To date, the owners have paid \$38,500.00 for permits regarding this discharge.

OPERATIONS REPORT – March 2021
Submitted April 1, 2021

KOELLE BOULEVARD FACILITY

- 1) The estimated average daily flow for the month was 2.7741MGD. The estimated total flow for the month was 87.6 MG.
- 2) Routine maintenance and grounds keeping were performed.
- 3) Maintenance performed on pumps in PS#1.

- 4) Still trying to get proposals to repair the flashing that suffered wind damage to the domes of two of the trickling filters. We have contacted four additional firms to try and get this work performed.
- 5) Authorized additional repairs to the collectors on three Secondary Clarifiers. Waiting on installation
- 6) Air Stack testing performed on the emergency generator. This will be discussed at the meeting.

PUMP STATION # 1 Village Place

- 1) The estimated average daily flow was 1.13 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 30,941 gallons per day.
- 2) Routine maintenance and grounds keeping were performed.
- 3) Completed new clean-out vault to facilitate jetting this force main.
- 4) The force main was cleaned by National Water Main. Pumping capacity has increased substantially.

PUMP STATION # 3 Henry Street

- 1) The estimated average daily flow was 45,238 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.

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: 33,564 gpd.

PUMP STATION #7 - Exchange Junction

- 1) Routine maintenance was performed.

COLLECTION SYSTEM: The Authority jetted and cleaned approximately 1250+ feet of sanitary sewer. Assisted DPW cleaning catch basins for a total of 32 man-hours.

Respectfully Submitted,

Brian Bigler, Executive Director, Licensed Operator

**ENGINEER'S REPORT
MONTH OF MARCH 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 is to be onsite March 31 and April 1 to continue start-up.
- 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 downstream 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.

- Trickling Filter metal flashing has been damaged by the latest two wind events. Researching a contractor who can repair this type of work. Met with one contractor on site and supplied information to another contractor.
- 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 this work.
- Inspected a manhole on Fischer Court where a blockage was reported. This is a terminal manhole from the original sanitary sewer system installed within the Town. It is of brick construction and does not have a bottom or flow channel in it. Persistent const will be installing a concrete bottom with an integral flow channel and coat the inside bricks the first week of February. The schedule for this work has been delayed until snow can be cleared from the road, due to the narrow width of Fischer court.
- 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 entrance into adjacent rental unit.
- Starting Specifications and Plans for the rehabilitation of Primary Clarifier Tanks 1 & 2. Should be ready for Public Bid by the First Week in April. 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.
- 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. Additional investigation will be completed when exposed steel reinforcement is cleaned and re-encased.
- 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					3/3/2021
101 Plaza Center	#20-109	N/A	N/A	No	No	

Unit 101 New Construction						
50 Fairview Ave	-	N/A	N/A	No	No	Emailed Architect for updated plans.
20 Meadowlands Pkwy	#20-387	N/A	N/A	Yes	No	

Beckmeyer Engineering, P.C.

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

Authority Engineer March 30, 2021

A discussion was held regarding the generator located at the main facility.

Citizen's Comments: None

A motion was made at 7:10 p.m. by D. Manderano, second by J. Cardenas to adjourn the meeting. All in favor. 4-0-0.