

JUNE 01, 2021

The meeting was called to order at 6:00 PM by Vice-Chairman Cardenas

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:	Jorge Cardenas	Vice-Chairman
	Domenic Manderano	Treasurer
	Tim Stamm	Board Member

Absent: F. Vogel. R. Spellmeyer.

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

A motion was made by J. Cardenas second by D. Manderano, to approve the minutes of the May 4, 2021. Meeting of the Authority. Approved: -0-0.

The Voucher list was moved on a motion by D. Manderano, second by J. Cardenas. Voucher list approved on a roll call vote: Stamm: Aye; Manderano: Aye; J. Cardenas. Approved: 3-0-0. Total \$409,773.32

Old Business: None

New Business: None

Legal: No Report

**Report of the Executive Director
May 2021 {submitted May 27, 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 95% 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. Authorized installation of new pump that we had onsite.
- Received an application for a proposed hotel at 655 Plaza Drive. This is currently under review. Nothing further to report.
- The owners have paid the first ½ of the connection fee for Daffy's: \$146,546.00.
- Met with Local 11 scheduled for 5/19/21. We've negotiated almost all the issues for the new contract except salaries and hospitalization. These costs are Town driven.
- 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've instructed the Environmental Engineers to begin preparing a Quality Assurance Program Plan that will need to be forwarded to NJDEP for approval before we can proceed any further.
- Sold CEPs (solar) in the amount of \$8,240.00.
- Stack tested the air quality of the emergency generator. Still awaiting on formal report.
- In addition to my recent email regarding a retiring employee, I have been informed that an Operator will also be retiring in August 2021.

**OPERATIONS REPORT –May 2021
Submitted May 25, 2021**

KOELLE BOULEVARD FACILITY

- 1) The estimated average daily flow for the month was 24052MGD. The estimated total flow for the month was 57.93 MG.
- 2) Routine maintenance and grounds keeping were performed.
- 3) Maintenance performed on pumps in PS#1.
- 4) Received a proposal to repair the flashing that suffered wind damage to the domes of two of the trickling filters. This will be covered by insurance.
- 5) Authorized additional repairs to the collectors on three Secondary Clarifiers. Waiting on installation
- 6) The west secondary arm was replaced.

PUMP STATION # 1 Village Place

- 1) The estimated average daily flow was 1.056 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 20,492 gallons per day.
- 2) Routine maintenance and grounds keeping were performed.

PUMP STATION # 3 Henry Street

- 1) The estimated average daily flow was 44,208 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: 32,139 gpd.

PUMP STATION #7 - Exchange Junction

- 1) Routine maintenance was performed.

Respectfully submitted;

Joseph Marchese, Operations Forman

COLLECTION SYSTEM:

- 1) Jetted and cleaned approximately 5,009 feet of sanitary sewer.
- 2) Jet Truck: On May 25, 2021 is out for service.

CCTV: For SMUA; 350 ft televised.

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

ENGINEER'S REPORT MONTH OF MAY 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 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. Communication with the applicant's engineer on the submittal to the NJDEP TWA.
- 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. Received and reviewed contractor's proposal for the repair work. Project awarded, waiting on start date.
- 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. Work is proceeding.

- 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. Meet with new facility manager at the site with Suez to inspect and locate the water meters. All meters have been located. The facility manager is to hire a plumber to trace all water lines from two of the meters with the most consumption. Once complete, this information should demonstrate each of the tenant's usage.
- 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. Public Bid opening was held on Friday April 30, a verbal report will be given at the SMUA meeting on the results and possible recommendations. Project awarded to Rapid Pump & Meter Service Co., Inc.
- 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. A design has been developed and communication with the contractor have began to repair this issue. Waiting on construction proposal.
- Submitted responses to NJDOT's Letter concerning Stormwater/Sanitary Sewer Conflict in NJ Rt. #3 West Bound Service Road. Also recommended a meeting to review my responses with Mr. Jeffas.
- Zoning Certificate Notices for required SMUA Sewer Connection Application:

Address	Zoning Certificate	Request Dates		SMUA	SMUA	Engineers Report
		1 st	2 nd	App.	Fee	
Lincoln Gateway	#17-239					3/3/2021
101 Plaza Center Unit 101 New Construction	#20-109	4/12/21	5/19/21	No	No	Contacted applicant emailed forms.
50 Fairview Ave	-	10/20/20	11/6/20	No	No	Emailed Architect for updated plans. 3 rd Request for information 4/23/21. No Response
600 Secaucus Road (Peloton)	-	N/A	N/A	Yes	Yes	5/19/21

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

Authority Engineer May 26, 2021

Citizen's Comments: None

A motion was made at 6:06 p.m. by Cardenas, second by Manderano to adjourn the meeting. All in favor. 3-0-0.