

SEPTEMBER 1, 2020

Minutes of a meeting of the Secaucus Municipal Utilities Authority held on Tuesday September 1, 2020 at 6:00 PM via teleconference due to coronavirus pandemic.

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.

Roll Call:	Fred Vogel	Chairman
	Jorge Cardenas	Vice-Chairman
	George Schoenrock	Secretary
	Raymond Spellmeyer	Board Member

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

Absent: Dominic Manderano

A Motion was made by G. Schoenrock to approve the minutes of August 4, 2020 meeting second by F. Vogel. All in favor 4-0-0.

A resolution regarding the revised employee practices manual was prepared, but no action was taken as the Executive Director indicated that we just received the model manual from the MEL and it requires further review.

Voucher List was moved on a motion made by R. Spellmeyer; second by G. Schoenrock. There was one question from F. Vogel regarding the invoice for Constellation that was satisfactorily answered by the Director and Counsel. Roll call vote was made to approve the list as presented: Aye; R. Spellmeyer: Aye; G. Schoenrock; J. Cardenas, Aye; F. Vogel, Aye 4-0-0.

Old Business: None

New Business: None

Legal: Authority Counsel advised the Board of an Agreement that the owners of Daffy's property in North Bergen were looking for us to verify that the agreement from 1996 was still in effect. The wastewater from this facility discharges to the SMUA collection system. A brief discussion was held. As long as the same footprint is maintained, there would probably be no connection fee charged. A motion was made by R. Spellmeyer, second by J. Cardenas authorizing the Executive Director to enter into an agreement with the new owners ALL in Favor 4-0-0.

**Report of the Executive Director
August 2020 {submitted August 27, 2020}**

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: Restart-up scheduled for week of 8/10/20.
- Toscana Cheese: Due to impending legal matters, I have ceased to communicate with Mr. Paparazzo. Staff continues to monitor and there have been no discharges noted. Authority Counsel in communication with Toscana counsel regarding the violations. No further action to report.
- The Towns' & SMUA Jif's are working on settlements with homeowners regarding the storm of 9/25/18. Met with Town Attorney to discuss future fail-safes that might be implemented to prevent future flooding. Noted that most homes in the affected area have sump pumps (many more than one) that are illegally connected to the sanitary. A future meeting will be scheduled to discuss with Town & DPW. Meeting postponed due to COVID-19. No further action to report.
- Work is completed on the clean-out vault at PS#2. This will allow us access to the lower 400'-500' of the force main. Scheduling jetting of clean-out from force main for September
- Met with the Mayor, DPW, NJDOT to examine an issue regarding a sanitary line going through a storm culvert on Route 3 West Service Road. This sewer was installed in 1961 and the culvert quite possibly been built around that sewer in 1963. A full report has been submitted that verifies that the culvert was built around the sanitary and NJDOT will be notified by the Town. No further action to report.
- Application for homes to be built at the old Schmitt's property on Paterson Plank Road application still under review. The issue with pipe diameter size has been addressed and an M.O.U. has been executed. Construction is complete.
- Received an application for a proposed hotel at 655 Plaza Drive. This is currently under review. Nothing further to report.
- Rent the Runway has agreed to a settlement of \$350,000.00 to be paid over the course of 2020. Agreement has been executed. Third payment received.
- Application received from Hartz for a proposed warehouse on Hartz Way. Need further clarification from applicant.

OPERATIONS REPORT – August 2020
Submitted August 27, 2020

KOELLE BOULEVARD FACILITY

- 1) The estimated average daily flow for the month was 2.7410 MGD. The estimated total flow for the month was 70 MG.
- 2) Routine maintenance and grounds keeping were performed.
- 3) The East Secondary Clarifier collection arm has failed due to fatigue and will be repaired ASAP. See Emergency Resolution.
- 4) Performed maintenance on Stage I West Trickling Filter.
- 5) Passed the safety inspection from NJUAIJIF They recommended that we keep all gas cans in a locked safety cabinet.

PUMP STATION # 1 Village Place

- 1) The estimated average daily flow was 1.091 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 43,66 gallons per day.
- 2) Routine maintenance and grounds keeping were performed.
- 3) Completed new clean-out vault to facilitate jetting this force main.
- 4) Experiencing an issue with pumps, at times, becoming air-bound. Investigating possible causes.

PUMP STATION # 3 Henry Street

- 1) The estimated average daily flow was 44,580 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 # 5 Wilroy – Secaucus Road

- 1) This station is not in service.

PUMP STATION # 6 Castle Road

- 1) Routine Maintenance and grounds keeping were performed.

- 2) Still experiencing high flow at this station. Counsel & Engineer have been in contact with property management regarding Harmony (medical marijuana grower). Met with owners & property management. Information on processes to be forwarded to SMUA. Flow meters have been installed to determine amount of water consumption.

PUMP STATION #7 - Exchange Junction

- 1) Routine maintenance was performed.

COLLECTION SYSTEM: The Authority jetted and cleaned approximately 2,300 feet of sanitary sewer. Assisted DPW cleaning catch basins for a total of 26 Man-hours.

Respectfully Submitted,

Brian Bigler, Executive Director

SECAUCUS MUNICIPAL UTILITIES AUTHORITY ENGINEER'S REPORT MONTH OF AUGUST 2020

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

- The Sanitary Sewer Maps are being updated when new or revised information is received by this office.
- SCADA. (abridged) The project has been awarded to Keystone Engineering Group. Keystone is completing their panel fabrication and performing their shop testing. They will be ready to install in mid- September. Installation has started at the Koelle Blvd. facility. Installation has continued at the Koelle Blvd Facility. Installation of the panels has started at the remote pump stations. 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 will check in with SMUA next week to determine when work can resume. No further information at this time.
- Received and started a review on a pump station flow meter report for the Exchange Place Pump Station. 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. A response has not yet been received by the engineer. Another request has been sent. A fourth request has been sent. A request

to the Owner will also be emailed. The Engineer responded that he will speak to owner. The engineer submitted a revised report. 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. No further information was submitted to the SMUA.

- Received and started a review raw pump station flow meter data for a report for the Turnpike Pump Station. (abridged) This report is supposed to analyze the existing flows of the pump station and the amount of capacity with regards existing pumps and the areas where the flow has increased drastically. The SMUA has partially video'd the force main. The video shows material build-up on the pipe walls and deformation of the pipe. The SMUA has requested a proposal from Persistent to install a 2-way cleanout on the force main to access the force main in two- directions for improved videos and maintenance. A test pit is schedule for January 2, 2020 to find exact location of force main with comparison to PSEG and Suez buried utilities. A cleanout was installed on the force main. Heavy built-up Milk Coatings narrowed the force main to about half the original diameter. A cleanout has been installed approximately in the middle of the force main. Another cleanout will be installed soon at the beginning of the force main. New Cleanout work is Scheduled for April 9 and April 10 due to the anticipated low flows at the Pump Station. All work has been postponed on the Cleanout due to the shut down and lack of available workers for the contractor. The work on the vault and cleanout have been completed, the only item yet to be delivered and installed is the metal hatch access. The hatch was delivered and installed. The contractor is working on the elimination of a small ground water leak into the vault wall.
- Exchange Place Pump Station reviewing drainage issues and shooting elevations for the design for the Proposed Stormwater Inlet. Received elevations and laying out proposed drainage structures. A preliminary design was completed for SMUA comments, will finish construction plan. Requested a pre-construction meeting with Persistent to review options. Persistent submitted shop drawings on the trench drain system for review. This project has been completed. Will inspect during next rain event for operation. Future re-paving of the pump station area should include re-grading in some areas to direct the storm runoff better to the new trenches as well as a built-up curb along the fence line to decrease storm runoff from the sidewalk areas into the pump station area. Quotes for repaving are being received.
- Reviewing Sewage Connection at 1631 Paterson Plank Road and the SMUA's request to increase the Sanitary Sewer Main from the terminus to the Village Court for the proposed demand. The developer will be installing 300 lf. of 10 inch PVC sewer main to replace an existing 8 inch sanitary sewer from the intersection of Paterson Plank Road and Village Place to a new manhole. This will compensate for the increase of sanitary

flow being developed from the new development and meet the conveyance criteria of NJDEP. A pre-construction meeting for the installation will be held on July 14,2020. Work to install new dog-house MH and 10” PVC pipe will begin on Monday, August 3, 2020.

- The skimmer rake, rake arm and skimmer assembly on Secondary Clarifier #3 (East) was jammed and damaged. Structure members were bent and twisted. The exact cause of damage is not known at this time. It is non-operational. The SMUA received a quote to repair from Rapid Pump & Meter. Only when the unit is disassembled will the exact cause of the failure can be determined and the final scope of work and costs can be determined. Therefore, due to the significance of this unit within the overall process and capacity capability of the facility. I have submitted to the Authority Board a letter for approval for Emergency Repair on this unit.

- Zoning Certificate Notices for required SMUA sewer connection application:

Address	Zoning Certificate	Request Dates		SMUA App.	SMUA Fee	Engineers Report
		1 st	2 nd			
275 Hartz Way Equinox 10 New Construction		N/A	N/A	No	No	
2000/5000 Brianna Lane/Fraternity Meadows/Building G/New Construction	#19-430	N/A	N/A	Yes	No	
901 Penhorn Suite 1 Use Change	#20-160	N/A	N/A	No	No	
101 Plaza Center, Unit 101	#20-109	N/A	N/A	No	No	

Beckmeyer Engineering, P.C.

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

Authority Engineer June 30, 202

Legal: A brief discussion regarding a possible connection to the NBMUA system. Awaiting costs from the Authority to discuss settlement with a business in Town.

Citizen’s Comments: None

A motion was made at 6:15 p.m. by G. Schoenrock, seconded by J. Cardenas to adjourn the meeting. All in favor. 4-0-0.

