

**RESOLUTION AUTHORIZING MEETING MINUTES OF APRIL 20, 2017**

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**MOTIONED BY:** Gardiner

**SECONDED BY:** Friedrich

**WHEREAS**, the North Hudson Sewerage Authority (hereinafter "Authority") is a public body, duly formed under the Sewerage Authorities law, constituting Chapter 138 of the Laws of New Jersey of 1946, as amended (Chapter 14A of Title 40 of the New Jersey Statutes Annotated) and possesses the powers set forth therein; and

**WHEREAS**, a regular meeting of the Authority was held on April 20, 2017; and

**WHEREAS**, minutes of the meeting have been prepared by General Counsel and presented to the Authority members and staff for their review.

**NOW, THEREFORE, BE IT RESOLVED** that the Authority hereby approves the minutes of the meeting of April 20, 2017 for the record.

**DATED: JUNE 15, 2017**

**RECORD OF COMMISSIONERS' VOTE**

	<b>YES</b>	<b>NO</b>	<b>ABSENT</b>
Commissioner Assadourian	x		
Commissioner Kappock			x
Commissioner Marotta	x		
Commissioner Gardiner	x		
Commissioner Friedrich	x		
Commissioner Sanchez	x		
Commissioner Velazquez	x		
Commissioner Roque	x		
Commissioner Zuconi	x		

**THIS IS TO CERTIFY THAT THIS RESOLUTION WAS DULY ADOPTED BY THE NORTH HUDSON BOARD OF COMMISSIONERS ON JUNE 15, 2017.**

  
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**ASST. SECRETARY**

**NORTH HUDSON SEWERAGE AUTHORITY**

**MINUTES OF REGULAR MEETING**

**APRIL 20, 2017**

At approximately 6:30 p.m, Chairman Brian Kappock called the meeting to order.

In addition to Chairman Kappock, Commissioners Gardiner, Velasquez, Friedrich and Sanchez were in attendance with Commissioners Roque and Assadourian participating telephonically.

Counsel Leanza advised that this was a regularly scheduled meeting of the North Hudson Sewerage Authority and that pursuant to the Open Public Meetings Act, all appropriate action could be taken therein and that there was a super majority of seven Commissioners present to take affirmative action.

Chairman Kappock dispensed with the agenda order because of his concern that there were not enough Commissioners present to approve the March 16<sup>th</sup> minutes and reports of the Authority Engineers were then addressed.

**CH2M**

Jerry Notte of CH2M reported as follows:

1. With regard to the Adams Street Phase III PURAC upgrades, CH2M is continuing coordinating with the equipment supplier with regard to progress in design efforts for the PURAC filter cells. An initial design package for the filter media and under drains had been received and it is anticipated that design will be completed sometime in early summer and that bids will go out shortly thereafter.
2. With regard to the combined sewer overflow projects, CH2 continued working with OMI in coordinating compliance with the scheduled CSO related submissions as contained in the Authority's permits including public notifications and public participation. CH2M is overseeing the sewer water quality sample project being conducted. The status of the condition assessment projects for the River Road Wastewater Treatment Plant service area and the Weehawken Union City portions of the Adams Street Wastewater Treatment Plant service area being conducted by Mott MacDonald. CH2M also submitted an RFP for the H1-H5 Adams Street Treatment Plant service area characterization and drainage plan project.

3. With respect to the combined sewer overflow water quality sampling wet water event monitoring was suspended for the winter. The sampling program has resumed and is scheduled to finish by the end of spring, weather permitting.
4. With regard to the H5 wet weather pump station services during construction, all construction work is complete. CH2M completed and transmitted all required project close out documentation to NJDEP and the NHSA. The project is fully completed.
5. With respect to the H6-H7 CSO long term control project, CH2M hosted weekly project calls and issued meeting minutes and action items. CH2M began service area characterization work and updated their collection system hydraulic model. Mott MacDonald worked on the hydraulic model and assessment of Adams Street Plant outfall.

Commissioner Zucconi arrived at the meeting at approximately 6:40 p.m.

#### **MOTT MACDONALD**

Kevin Wynn reported as follows:

1. With regard to the collection system characterization study, West New York and Union City portions are complete and Weehawken needs to be completed in the near future. We are now progressing to return to the noted locations for appropriate cleaning.

Commissioner Velasquez commented that Mott MacDonald did a great job in doing the inspections to the system in Union City. He noted that there were no disruptions to traffic nor interference with DPW or other city workers and that the work proceeded without any disruption or complaints.

2. With regard to the West New York leak detection program, the next meeting with Suez Water is scheduled for May 16th.
3. With regard to the W1234 CSO outfall, the contractor has placed a new 96 inch diameter outfall into service and is completed rehabilitation of the existing outfall. The project is nearing completion and the contractor is scheduled to complete the final paving within the next few days.
4. With regard to the W1234 CSO solids and floatable facilities, the contract is recommended to be awarded to Weeks Marine at a contract price of \$13.6 million dollars. A pre-construction meeting has been conducted and a notice to proceed is scheduled to be issued next week.

5. With regard to the Adams Street Wastewater Treatment Plant grit classifier replacement, the contractor has installed both grid classifiers and the project is 95% complete.
6. With regard to the 2016 River Road Wastewater Treatment Plant improvements, the project is complete and we are beginning the close out process.
7. With regard to the 2017 Sewer improvement project, we have conducted the pre construction meeting and are scheduled to issue the Notice to Proceed this week.
8. With regard to the Park Avenue Syphon improvements, the rupture of the 24" syphon has been repaired and the pipe has been placed back into service. The last reach of the existing 12" syphon has been lined and we are scheduled to put the pipe back into service this week.
9. With regard to the PURAC improvements Phase II, the contractor has mobilized and commenced with the demolition of some existing tanks and other unused equipment. Shop drawings and submissions are also being reviewed.

### **GREELEY & HANSEN**

Greeley & Hansen reported as follows:

1. With regard to the River Road and Adams Street plant improvements electrical switchgear replacement, SCADA testing for switchgear currently installed was performed on March 28, 2017. A partial substantial completion certificate will be issued. Minimal work is planned to occur in the switchgear project until the contractor remobilizes in late spring to complete the work at the Adams Street plant. It is anticipated that the project will be completed this summer and it is contingent upon the conductor project being completed by May of this year.
2. With regard to the 2015 Adams Street plant improvement PURAC system upgrades Phase I, control panels, instruments and wiring installations continue. Field testing of field instruments and wiring is continued and this system will be started up at the end of this month.
3. With regard to flow monitoring, the final report was submitted on February 15, 2017 and the project is complete.

## OMI

Don Conger reported on operations of the Adams Street plant as follows:

1. The facility met all permit parameters for the month.

Monthly average BOD was 17 mg/L with a limit of 30 mg/L and TSS was 14 mg/L with a limit of 30 mg/L. Removal efficiency for BOD and TSS were 90% and 93% respectively, with permit requirements of 85 % each. All permit requirements for PH, temperature, oil and grease, and ammonia were also achieved. The average monthly flow was 13.38 mgd with 703,500 gallons of sludge hauled. The geometric means for fecal coliform and high weekly geometric mean average for coliform were both also met.

Commissioner Gardiner inquired why there was such a high volume of sludge hauled, normally a 500,000 gallon volume as opposed to a 703,000 gallon volume. It was reported by Mr. Conger that the change in temperature led to slopping off materials from the trickling filter resulting in an increased volume.

With regard to the River Road plant, Don Conger reported as follows:

2. The effluent concentration for CBOD was within the permit parameters with a monthly average of 20 mg/L and a permit limit of 25 mg/L. The effluent concentration for TSS was within the permit parameters with a monthly average of 18 mg/L and a permit limit of 30 m/L. The facility did not meet the CBOD removal percentage limit of 85%. The actual number was 83% for the month. This was due to lower than normal CBOD effluent.

The monthly average geometric mean for coliform was met. The monthly average residue for chlorine was also met.

The facility had been experiencing issues with effluent toxicity results and the same have been rectified and the NJDEP has approved the facility to return to quarterly toxicity sampling.

The average daily flow was 8.73 million gallons per day with 456,000 gallons of sludge hauled and it is noted that one of the pumps in the intermediate pump station needs to be rebuilt.

With regard to the collection system, all regulators and pump stations were operating and in good order. There were a total of 39 service calls, with 4,884 linear feet of sewer main cleaned and 55 catch basins cleaned for the previous month.

With respect to Sandy recovery, all cable feeders and trays have been completed and need to coordinate the actual installation of copper with PSE&G and start up the temporary system.

With regard to the flood mitigation project, installation of the flood doors at the Adams Street plant is commencing.

The Commissioners next addressed Resolution 17-035 authorizing the minutes of the March 16, 2017 meeting.

On motion of Commissioner Velasquez, seconded by Commissioner Gardiner, the resolution passed with seven votes in the affirmative and Commissioner Zucconi abstaining because of her absence from the meeting.

Chairman Kappock then asked Executive Director Wolff to address the consent agenda as follows:

- A. Resolution 17-036 regarding the payment of bills included \$1.15 million dollars from the operating fund, \$1.03 million dollars from the capital fund, an emergency expense of \$1.4 million consisting of primarily the electrical feeder project and \$11,000.00 in connection reviews for a \$3.6 million dollar total.
- B. Resolution 17-037 was the miscellaneous repair contract consisting of one collapsed catch basin in Hoboken, 10 collapsed catch basins in Union City and 1 collapsed catch basin in West New York for a total of 12 projects at a cost of approximately \$55,000.00.
- C. Resolution 17-038 was for establishment of the annual connection fee for new users to the system. Dr. Wolff reported that prior to the Board meeting a public meeting was held pursuant to the Sewerage Authority's law to address the public as to the calculation of the new connection fee. The purpose of the connection fee is to insure that new connectors to our system do not reap the advantages of past investments in the infrastructure and this is done by consideration of the Authority's prior debt profile which in part pays for our infrastructure. Dr. Wolff noted that the Authority has two classes of users, Users A whose effluent is fully treated in our service area

and Users B whose effluent is collected by the Authority but treated at the Passaic Valley Sewerage Commission. The User B area includes the northern and southern tips of Union City. Dr. Wolff noted that as testified to at the connection fee hearing, the application of the State formula resulted in a connection fee of \$8,913.00 per service unit for Class A Users and \$2,069.00 per service unit for Class B Users noting that a service unit is defined by formula as the average daily flow for connecting customer, set at 300 gallons per day for the average daily flow for a single family residence in the system.

On Motion of Commissioner Velasquez, seconded by Commissioner Friedrich, the consent agenda was unanimously adopted.

Commissioner Gardiner noted that the City of Hoboken has been working with Public Service Electric & Gas Company to consolidate some of the substations in the City.

It was noted that the Authority is working with Public Service especially in connection with our new electric feeds emanating from the substation adjoining the Adams Street plant and the Authority is coordinating both with Public Service and the City.

Commissioner Gardiner also noted the work that the City of Hoboken is doing with regard to rebuilding of infrastructure on and below Washington Street. Dr. Wolff noted that the Authority is in full coordination and cooperation with the City in this important project in getting all of the Authority's work and other utilities work done before final paving.

At approximately 6:55 p.m. on motion of Commissioner Velasquez, seconded by Commissioner Friedrich it was unanimously resolved to adjourn the meeting.

