

RESOLUTION AUTHORIZING MEETING MINUTES OF MARCH 16, 2017

MOTIONED BY:**SECONDED BY:**

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 March 16, 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 March 16, 2017 for the record.

DATED: APRIL 20, 2017

RECORD OF COMMISSIONERS' VOTE

YES	NO	ABSTAIN
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Commissioner Assadourian		
Commissioner Kappock		
Commissioner Marotta		
Commissioner Gardiner		
Commissioner Friedrich		
Commissioner Roque		
Commissioner Velazquez		
Commissioner Sanchez		
Commissioner Zucconi		

THIS IS TO CERTIFY THAT THIS RESOLUTION WAS DULY ADOPTED BY THE NORTH HUDSON BOARD OF COMMISSIONERS ON APRIL 20, 2017.

SECRETARY

NORTH HUDSON SEWERAGE AUTHORITY

MINUTES OF REGULAR MEETING

MARCH 16, 2017

At approximately 6:34 p.m, Chairman Brian Kappock called the meeting to order.

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

Counsel Leanza advised that since this was a regularly scheduled meeting of the Authority and that the requisite notifications had been given to the official newspapers, the constituent municipalities and posting on the Authority's bulletin board so that appropriate action could be taken at the meeting. Counsel Leanza noted however that as there are only six Commissioners participating no affirmative action could be taken.

Chairman Kappock then asked for reports.

CH2M

Mike Wilson of CH2M Hill reported as follows:

1. With regard to the Adams Street Phase III PURAC upgrades, CH2M Hill has been coordinating with the equipment supplier, AWC, and it is anticipated that AWC will provide a submittal to CH2M so that the design can be commenced for the project.
2. With regard to the combined sewer overflow projects, OMI continues coordinating compliance with the scheduled CSO related submissions contained in the Authority's discharge permits including public notifications and public participation. CH2M is coordinating characterization work with the H6/H7 CSO long term control plan and CH2M Hill attended an NJDEP presentation of the green infrastructure guide on February 16, 2017.
3. With regard to the H5 wet weather pump station, CH2M Hill submitted all documents required for a close out to the NJDEP and all that remains to be done is modification of the deed restriction for the property to account for the Authority's new construction thereon.

At approximately 6:36 P.M., Commissioner Valesquez joined the meeting telephonically and at approximately 6:37 P.M. Commissioner Marotta joined the meeting telephonically.

Counsel Leanza noted that the Authority now had a super majority of Commissioners participating and that affirmative action could be taken.

Chairman Kappock next asked to address the approval of the prior meeting minutes.

On Motion of Commissioner Gardiner, seconded by Commissioner Friedrich, Resolution 17-029 authorizing the minutes of the February 16, 2017 meeting was unanimously adopted.

Chairman Kappock next asked for continuation of the reports:

MOTT MACDONALD

Kevin Wynn reported as follows:

1. With regard to the collection system characterization study, close circuit television inspection of the West New York, Union City and Weehawken systems should be completed by the first or second week in May.
2. With regard to the West New York leak detection program, a meeting was held recently with Suez and one is scheduled in May. There have been some increases in flow to the River Road facility and Mott MacDonald continues to work with Suez to attempt to reduce the same.
3. With regard to the W1234 CSO outfall, both the new and existing outfalls are now working and the project is nearing completion and it appears that only landscaping remains to be done.
4. With regard to the W1234 solids and floatable facilities, Mott MacDonald has submitted its report recommending that Weeks Marine would be awarded the contract for this project.
5. With regard to the combined sewer regulator upgrades and improvements, the tide gates necessary to complete this project have now been delivered and the project should be completed within the next month.
6. With regard to the Adams Street treatment plant grid classifier replacement, this project is almost complete. All that remains to be done is some control work and adjustment.

7. With regard to the 2016 River Road plant improvements, the project is complete and close out process has commenced.
8. With regard to the 2017 River Road plant improvements, plans and specifications are being prepared for replacement of the boilers and trickling filter odor control systems and within the next month or two this project should go out to bid.
9. With regard the 2017 Sewer improvement project, the scheduling of a pre construction meeting is in process pending approval by the New Jersey Environmental Infrastructure Trust Fund for the project.
10. With regard to the Hamilton Avenue Sewer improvements, some basements are suffering from flooding along Hamilton Avenue and Mott MacDonald is exploring several options to remedy the situation.
11. With regard to the Park Avenue Syphon improvements, both the 24" and 12" syphon have been repaired. The 24" syphon has been placed back in service and the 12" syphon has been relined and just put into service as well.
12. With regard to the PURAC improvements Phase II, the contractor has commenced demolition of tanks and unused equipment and Mott MacDonald is reviewing shop drawings and other submittals.

GREELEY & HANSEN

Greeley & Hansen reported as follows:

1. With regard to the wastewater treatment plant improvements at River Road and Adams Street, electrical switchgear replacement, the project is nearing completion and the scheduled SCADA test for the switchgear that was scheduled for March 14th had to be postponed because of the weather conditions and the same will be rescheduled by the end of March.
2. With regard to the Adams Street PURAC system upgrades Phase I, instruments and wiring is being complete and Greeley & Hansen are addressing both requests for information 21 and 22 and it is anticipated that the contractor will be complete with this project in 2017.

OMI

Phil Reeves of CH2M/OMI gave the following reports:

1. With regard to the Adams Street facility, it had met all permit parameters for the month.

Monthly average BOD was 15 mg/L with a limit of 30 mg/L and TSS was 13 mg/L with a limit of 30 mg/L. Removal efficiency for BOD and TSS were 92% and 89% respectively, with permit requirements of 85 %. All permit requirements for PH, temperature, oil and grease, and ammonia were also achieved. The average monthly flow was 12.24 mgd with 546,500 gallons of sludge hauled. The monthly geometric mean for fecal coliform was 58 CFU with a permit limit of 200 CFU, and a high weekly geometric mean average of 101 CFU with a permit limit of 400 CFU.

2. The River Road facility also met all permit parameters for the month.

The CBOD removal percentage was 86% with a permit requirement of 85%. The facility did meet the permit required effluent concentration of 25 mg/L with a concentration of 21 mg/L.

The TSS removal percentage was 90% with a permit requirement of 85%. The effluent concentration for TSS was within the permit parameters with a monthly average of 17 mg/L and a permit limit of 30 m/L.

The monthly geometric mean for coliform was met. The monthly geometric mean was 5 CFU, with a limit of 200 CFU. The maximum seven day geometric mean average value was 12 CFU, with a limit of 400 CFU. The monthly average for chlorine residual was 0.06 mg/L, with a limit of 0.10 mg/L. The maximum instantaneous value was 0.06 mg/L, with a limit of 0.13 mg/L. The plant also enjoyed satisfactory results of toxicity testing and is awaiting approval from the NJDEP to return to quarterly testing.

For the previous month, the average flow was 8.11 mgd with a volume of 355,000 gallons of sludge hauled.

3. The collection system was functioning normally and OMI made 27 service calls in the previous month. 3,740 linear feet of sewer mains were cleaned with 64 catch basins cleaned.

4. As to Sandy recovery and mitigation projects, the electrical feeder repair project continues. Wire is being pulled from the solid buildings to each of the other buildings in the Adams Street facility through new conduit. The construction schedule has a new electrical feeder installation work being completed by this May and replacement of the existing feeder completed in May of 2018. This work will be slightly delayed due to the revised conduit installation in the PURAC building.

Chairman Kappock next asked Dr. Wolff to address the Commissioners as to the consent agenda.

Dr. Wolff addressed the Commissioners as follows with regard to the Resolutions on the agenda:

- A. Resolution 17-030 for the payment of bills included \$1.4 million dollars from the operating fund, \$1.6 million dollars from the capital fund, \$160,000.00 in emergency expenditures, connection reviews of \$6,000.00, for a total of \$3.2 million dollars.
- B. Resolution 17-031 with regard to miscellaneous repairs included five projects in Hoboken consisting of 2 worn manhole castings and 3 collapsed catch basins and 11 projects in Union City consisting of 8 worn manhole castings and 3 collapsed catch basins for a total of \$55,000.00.
- C. Resolution 17-032 authorizing the award of the W1234 solids floatables screening facility was approved by the Facilities Review Board as the second phase of the W123 outfall project. This project includes the construction of an in water platform with a screening facility under a small park area all pursuant to requirements of a consent order regarding the project. Six bids were received and the low bid of \$13.7 million dollars from Weeks Marine which was below the engineers estimate of \$14.2 million dollars was recommended by the engineer and approved by the Board.
- D. Resolution 17-033 directing engineer services for the mandated long term CSO plan. This resolution awards the contract for the characterization of the Weehawken and Union City portions of the service area that flows to the Adams Street plant including inventory of the collection system, hydraulic collection system modeling and preparation of the system characterization report. Four of the pre-qualified Authority engineering firms put in proposals and CH2M was selected for an amount not to exceed \$228,000.00. This was approved by the Facilities Review Board.
- E. Resolution 17-034 engineering work for services for the draining system that flows to the River Road plant. Four of the pre-qualified engineers put in proposals and Mott MacDonald was selected for an price not to exceed \$195,000.00 as approved by the Facilities Review Board.

On Motion of Commissioner Gardiner, seconded by Commissioner Velasquez, the consent agenda was unanimously adopted with seven votes in the affirmative, Commissioner Marotta being disconnected from the telephone connection and Commissioner Zucconi not participating.

A system user appeared before the Commissioners with regard to property owned at 321 49th Street in Union City listed under the name of David Valesquez. It appeared that the problem is a water meter in the basement that has not been used for which the Authority is required to bill a facilities charge. The Authority's staff will review the same and the user was advised that as long as Suez maintains this water meter on the property, it must be billed a facilities charge under our resolutions.

Commissioner Gardiner next advised the Commissioners that he had been contacted by a Hoboken resident with regard to the storm water runoff issue involved with the expansion of Stevens Institute of Technology's expansion of its parking facilities.

Engineer Pocci explained that he is thoroughly familiar with the issue and that the Authority is working in concert with City of Hoboken. It appears that the City of Hoboken has it's own outfall to which the Stevens property is attached and that the City would have great difficulty in adhering to existing and future CSO regulations if it maintains ownership of this CSO facility. The Authority is willing to accept responsibility for the CSO on the condition that Stevens Institute finance the construction of a screening facility to comply with NJDEP regulations thereon. It appears that Stevens is reluctant to install the solids floatables facility even though the construction of its own outfall would cost it in excess of \$1,000,000.00. Both the Authority and the City of Hoboken will press for Stevens to bring its storm water outfall in conformance with State regulations.

Commissioner Gardiner also inquired about a discussion he had with a Hoboken developer regarding help with the Veteran's Housing project.

Dr. Wolff replied that he was aware of the project and has been in contact with the developer and that under State legislation, the Authority was given the Veterans Housing a 50% deduction in its connection fee.

At approximately 7:04 p.m. on motion of Commissioner Gardiner, seconded by Commissioner Roque it was unanimously resolved to adjourn the meeting.