

RESOLUTION AUTHORIZING MEETING MINUTES OF FEBRUARY 15, 2018**MOTIONED BY:** Velazquez**SECONDED BY:** Gardiner

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 February 15, 2018; 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 February 15, 2018 for the record.

DATED: APRIL 19, 2018**RECORD OF COMMISSIONERS' VOTE**

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

THIS IS TO CERTIFY THAT THIS RESOLUTION WAS DULY ADOPTED BY THE NORTH HUDSON BOARD OF COMMISSIONERS ON APRIL 19, 2018.



SECRETARY

NORTH HUDSON SEWERAGE AUTHORITY

MINUTES OF REGULAR MEETING

FEBRUARY 15, 2018

At approximately 6:37 p.m, Chairman Brian Kappock called the meeting to order. In addition to Chairman Kappock, Commissioners Soares and Friedrich were in attendance at the meeting which Commissioners Velasquez, Roque, Marotta and Gardiner participating telephonically.

Counsel Leanza announced that this was a regularly scheduled meeting of the Authority and notice thereof had been given pursuant to the Open Public Meetings Act. He also noted that seven members were present so if they all voted unanimously, affirmative actions could be taken.

In consideration of the Commissioners participating telephonically, Chairman Kappock asked Dr. Wolff to address the consent agenda first.

Executive Director Wolff reviewed the consent agenda for the Commissioners as follows:

1. Resolution 18-014 the minutes of the Authority's January 18th meeting.
2. Resolution 18-015 the reorganization minutes of February 1st. It was noted that Resolution 18-016, minutes of the February 5th Special Meeting could not be addressed as there were an insufficient number of Commissioners present.
3. Resolution 18-017 payment of bills. This consisted of \$1.2 million dollars from the operating fund, \$1.2 million dollars from the capital fund, \$30,000.00 in emergency expenditures and \$1,900.00 in connection review fees for a total of \$2,350,000.00.
4. Resolution 18-018 miscellaneous repairs consisting of one broken catch basin in Hoboken, one collapsed manhole in Union City and one collapsed manhole in West New York.

Dr. Wolff noted that Resolution 18-019 a sewer connection for 1500 Harbor Boulevard, Weehawken would not be addressed by the Commissioners because no connection fee had been obtained for the same.

5. Resolution 18-020 River Road Plant Improvement contract. This is the award to Dougherty & Co. for the 2018 West New York Plant improvements for a low bid of \$1.12 million dollars just below the engineer's estimates. Five bids were reviewed and the award to Dougherty & Co. was approved by the Facilities Review Board.

6. Resolution 18-021 directing work to CH2 for PURAC III. These are additional engineering services for work on Phase III consisting of reviewing the concrete condition in the cells; air blowers for the back wash, and equipment pre-purchase. The contract is in the amount not to exceed \$88,700.00 and was approved by the Facilities Review Board.
7. Resolution 18-022 a final contract modification for the combined sewer regulator project. This involves a credit to the Authority of \$31,514.00 making the final amount \$1.46 million dollars as compared to \$1.49 million dollars in the original contract amount. This was approved by the Facilities Review Board.
8. Resolution 18-023 contract modification for W1234 Project. There is additional work required of the contract with regard to complications with the cofferdam construction and modifications to the outfall pipe in the amount of \$260,844.00. This amount was approved by the Facilities Review Board.
9. Resolution 18-024 change in scope of work at the Hamilton Avenue Project. After examination, the type and length of sewer rehabilitation was revised by the engineers with regard to lining 890 feet rather than 300 feet of clay pipe. The cost of the rehabilitation should remain the same at \$474,450.00 and the change was approved by the Facilities Review Board.
10. Resolution 18-025 award of the Bi-annual miscellaneous repair contract. This contract is broken into two sections, the first section is for piping and manhole repair. There were four bids with Cliffside Paving being the lowest bidder at \$89,000.00, the next lowest bidder being \$113,000.00. This award to Cliffside Paving was approved by the Facilities Review Board.
11. Resolution 18-026 award of second part of miscellaneous repair contract. The second contract is for catch basins and laterals. There were four bids with Cliffside Paving the lowest bidder at \$127,000.00, the next lowest bidder being \$172,000.00. This award was also approved by the Facilities Review Board.
12. Resolution 18-027 award of the 10-year sewer contract. There was only one bidder for this contract, Spinello, at \$573,945.00. This is within the engineer's estimate and was approved by the Facilities Review Board.

Commissioner Marotta indicated that he wanted to make sure that Resolution 18-019 with respect to the 1500 Harbor Boulevard sewer connection was not being considered because no payment therefore had been received.

Commissioner Marotta was assured by Chairman Kappock that the same had been removed

from the consent list.

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

At approximately 6:45 p.m. Commissioners Velasquez and Roque were required to sign off from the meeting because of their prior municipal commitments.

CH2M

Mike Wilson of CH2M reported that CH2M had received the NJDEP's authorization to advertize the PURAC Phase III design and is preparing to put the same out to bid.

CH2M is tracking the status of sewer condition assessment projects including closed circuit Tving being conducted by Mott MacDonald. CH2M is also overseeing characterization work on the H1/H5 characterization and drainage planning project, the H6/H7 CSO LTCP project, the Adams Street wastewater treatment Weehawken/Union City characterization project and the River Road characterization project.

CH2M is continuing their characterization phase of the H1-H5 combined sewer system characterization and drainage planning for the Adams Street plant.

Conceptual alignments for collection systems modifications including new storm sewers are being applied for the H6/H7 CSO long term control project.

CH2M continued work on the sewer system inventory, service area and land use analysis, collection system modeling and identification of sensitive areas in the Weehawken and Union City combined sewer characterization for the Adams Street plant in support of the long term control project.

Commissioner Soares asked what exactly is the characterization and drainage planning.

Mr. Wilson replied that this was establishing a drainage plan for a specific geographic area depending upon slope and other drainage issues.

Authority Engineer Pocci indicated that these studies will help us redo some of the existing combined sewers as well as provide information with which to conduct the H6/H7 separation of flow project.

MOTT MACDONALD

Kevin Wynn of Mott MacDonald reported as follows:

1. A quarterly meeting was held on February 13th with Suez Water to continue the West New York leak detection program and identify potential leaks in the water system.
2. With regard to the W1234 CSO solids and floatables facility, the contractor has enclosed a cofferdam structure, completed the dredging work and completed the foundation piles. The contractor is scheduled to conduct a major concrete pour for the slab the week of March 19th which will consist of approximately 600 yards of concrete over the water.
3. The combined sewer regulator upgrades and improvement project has been now closed out and it was brought in under budget with additional work added to the project.
4. With respect to the Hamilton Avenue sewer improvements, the contractor has completed installation of the new 30-inch diameter sewer and all that remains is some sidewalk restoration work.
5. With regard to the Park Avenue siphon improvements, the only remaining work is final paving along Hackensack Plant Road.
6. With regard to the 2018 River Road wastewater treatment plant, Dougherty & Co. was recommended to be awarded a contract in the amount of \$1,112,000.00.
7. With regard to the River Road wastewater treatment plant collection system characterization, Mott MacDonald is working on hydraulic modeling for the area to the plant in support of the Authority's long term control plan.
8. With regard to the H-5 Madison Avenue drainage improvements, Mott MacDonald is working on plans and specifications for the replacement of the combined sewer from 9th Street to 11th Street.

Commissioner Soares inquired whether the Hamilton Avenue project had been reduced in scope.

Mr. Wynn replied that it was determined to reline the existing piping rather than open, cut and install replacement piping giving the Authority more for its dollar.

Commissioner Soares replied that that was a good idea.

Commissioner Friedrich inquired as to whether that would cause any lessing of flow.

Mr. Wynn replied that the pipe is smoother and therefore facilitates additional flow.

GREELEY & HANSEN

It is expected that installation of the temporary generator should be completed by the end of February and with regard to the PURAC I upgrades, performance acceptance tests have been completed and operator training and close out is all that remains.

OMI

Don Conger of CH2M had reported that the facility met all effluent permit parameters for both BOD and TSS limits with a monthly average BOD of 24.4 mg/L and TSS with a 20.6 mg/L with permit requirement of 30 mg/L. The removal efficiency of BOD and TSS were 85% and 87% respectively with permit requirements at 85%. Permit requirements were also met for PH, temperature, oil and grease, and ammonia. The monthly average flow was 12,480,000 gallons with 501,000 gallons of sludge hauled. It was noted that there were seven high weekly violations for the month for weekly average geometric mean. The operator is preventing additional violations by starting up the chemical system during the work on PURAC.

Mr. Conger reported that the operator is working on solutions to maintain permit limits while the PURAC system is being rehabilitated.

Mr. Conger reported that the West New York facility met all permit parameters for the month with 86 and 87% removal rates of CBOD and TSS with 85% permit requirements and 21 mg/L mg/L in effluent concentrations of CBOD as against a 25 mg/L permit requirement and 16 mg/L concentration of TSS as against a 30 mg/L permit requirement. It was noted that the average daily flow was 8,440,000 gallons which may be attributable to a higher pressure being imposed by Suez which results in increasing leakage. It was noted that 406,000 gallons of sludge were hauled.

Mr. Conger also reported with respect to the collection system that all pumps, regulators and other aspects of the system were in working order. He noted that there were 30 service calls in the month of January with 1,200 linear feet of sewer main cleaning, 21 catch basins cleaned and 40 cubic yards of debris removed.

With regard to the Sandy recovery and mitigation projects, Mr. Conger reported that there would be a cut over to the temporary switchgear on Monday, President's Day to minimize any adverse impact upon the Authority operations.

Mr. Pocci and Mr. Conger then explained to the Commissioners the Authority's asset management standard operating procedures and that representatives from the New Jersey Department of Environmental Protection were at the Authority reviewing the same and being educated by the Authority and CH2M Hill as to its operation, software, breakdown of the asset inventory, etc. It is anticipated that the NJDEP will use the Authority's asset management program as a best practices standard for other Authorities throughout the State.

The Commissioners then added that review of some of the details of the asset management system and how it prolongs the life of many of the components of the Authority's system not only saving maintenance and capital expenses but assisting the Authority in planning long term capital improvements and expenditures.

Commissioner Soares inquired that if water was turned off to a facility would it still receive a sewer bill.

Executive Director Wolff replied that the facility would still get minimal use sewer bills unless the water meter was disconnected by the particular water company.

At approximately 7:15 pm it was unanimously resolved to adjourn the meeting .