

RESOLUTION AUTHORIZING MEETING MINUTES OF AUGUST 16, 2018

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 August 16, 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 August 16, 2018 for the record.

DATED: SEPTEMBER 20, 2018

RECORD OF COMMISSIONERS' VOTE

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

THIS IS TO CERTIFY THAT THIS RESOLUTION WAS DULY ADOPTED BY THE NORTH HUDSON BOARD OF COMMISSIONERS ON SEPTEMBER 20, 2018.

SECRETARY

NORTH HUDSON SEWERAGE AUTHORITY

MINUTES OF REGULAR MEETING

AUGUST 16, 2018

At approximately 6:21 p.m, Executive Director Dr. Richard Wolff called the meeting to order in the absence of the Chairman and Vice Chairman.

Counsel Leanza called the roll with Commissioners Gardiner, Soares, Velasquez, Friedrich and Zucconi present and Commissioners Kappock, Marotta, Sanchez and Roque participating by telephone.

Counsel Leanza advised that as this was a regularly scheduled meeting of the Authority and there were all members present any and all action could be taken as the Authority had complied with the Open Public Meetings Act by publishing its meeting dates and providing copies thereof for posting to the constituent municipal clerks as well as posted it on the Authority's bulletin board.

In consideration of the Commissioners participating by telephone, Executive Director Dr. Wolff asked to dispense with the regular agenda order and address resolutions.

On motion of Commissioner Velasquez, seconded by Commissioner Friedrich, Resolution 18-087 authorizing the meeting minutes of the July 19, 2018 meeting of the Authority was adopted with seven votes in the affirmative and Commissioners Kappock and Zucconi abstaining because of their absence from such meeting.

Executive Director Dr. Wolff next reviewed the consent agenda resolutions for the Commissioners as follows:

1. Resolution 18-088 authorizing the payments of bills consisting of \$1.3 million dollars from the operating fund, \$1.8 million dollars from the capital fund, \$212,000.00 in emergency expenses and \$14,400.00 in connection review fees for a total of \$3.3 million dollars.
2. Resolution 18-089 miscellaneous repairs. Repairs for this month include two collapsed catch basins, one collapsed catch basin and one sink hole near a manhole in Union City; four collapsed manholes and nine collapsed catch basins in West New York for an estimated total of \$75,000.00.
3. Resolution 18-090 OMI contract modification No. 4 consisting of the replacement of the frack tank at the Adams Street plant. The frack tank, which stores liquid sludge before it is hauled away, is rusting out at its bottom and began to leak. This

is a modification of OMI's contract to permit replacement of the tank. Replacement of the tank will begin in four weeks and must be completed within one day so as not to adversely affect the treatment process. The estimated cost of this replacement will be \$22,000.00 and has been approved by the Facilities Review Board.

4. Resolution 18-091 OMI contract modification No. 2 regarding purchase of level and flow sensors for PURAC Phase I. This resolution authorizing OMI to purchase and install level and flow sensors as part of the final close out of the first phase of the PURAC rehabilitation project. The cost is \$10,700.00. The project will begin within four weeks and has been approved by the Facilities Review Board.
5. Resolution 18-092 OMI contract modification No. 5. This is for installation of the opti control system at the Hoboken southwest park. As the Commissioners are aware Hoboken is building several storm water detention tanks under new parks that will assist in the long term CSO plan. The Authority is installing a control system which will enable the Authority to remotely manage the flow of storm water from the detention tanks to the treatment plant. As this project is outside the scope of OMI's contract this is a modification to the same. The cost of the project is \$4,300.00 and has been approved by the Facilities Review Board.
6. Resolution 18-093 Mott MacDonald's contract modification No. 3. This is a contract modification for the W1234 project. This is a series of one debit and three credit adjustments to the contract that reflect changes in construction items. The credit adjustments cancel out the one debit item making the net affect on the total contract zero. These changes have been approved by the Facilities Review Board.
7. Resolution 18-094 authorizing permanent financing with the New Jersey Environmental Infrastructure Trust Fund. This resolution is with respect to the \$1.2 million dollar sewer lining project financed by the NJIT. The project in West New York and Union City has been completed and we are converting the construction loan to a permanent loan. This agreement has been approved by the Finance Committee.
8. Resolution 18-095 amending a grant services contract. This resolution adds \$50,000 to the grant advisors, Tom Alois's contract which was originally \$60,000. This change is as a result of much higher level of activity they anticipated by the original contract. To date the Authority has secured \$827,000 in grants and has submissions of \$387,000 more for a total of almost \$1.3 million dollars with six months to go with five months to go in our fiscal year. This is apart from the \$13.6 million in other grants won by our consultants since he was retained in 2012. The modification to the contract was approved by the Finance Committee.
9. Resolution 18-096 OMI contract modification No. 3. This modification is to facilitate the upgrade of our information technology functions. As Commissioners

may be aware we have had serious and persistent problems for the last decade including frequent crashes, lost data, billing interruptions, security breaches, etc. This resolution provides for a one time start up cost of \$70,000 and an ongoing \$6,000 monthly fee for real time IT services and trouble shootings including all licenses and upgrades. It was also determined to have the IT function managed by OMI and provide for this modification to its contract. This modification has been approved by the Finance Committee.

10. Resolution 18-097 authorizes the award of a professional services contract for General Counsel. As the Commissioners are aware Frank Leanza is ceasing his 30-year professional working relationship with the Authority but his departure was at the request of the State Administration to assist at the New Jersey Sports and Exposition Authority. This resolution appoints Jason Capizzi who has worked closely with Jack Kraft who has been our Bond Counsel since the Authority's inception and who has solely handled the Authority's financing for the past several years. Jason has worked closely with Frank Leanza over the years and has been recommended by Mr. Leanza as his successor because of his deep knowledge of the Authority's financial situation and his firm's experience in dealing with the various aspects of representing local government agencies. Mr. Capizzi and his firm will continue oversight of financing as Bond Counsel and will assume the balance of Mr. Leanza's General Counsel contract in the amount of \$14,500.00. This award has been approved by the Finance Committee.

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

MOTT MACDONALD

Kevin Wynn of Mott MacDonald reported as follows:

1. With regard to the collection system characterization study, the base contract work has now been completed and the Authority has received all of the required data. There are some additional funds left in the contract which will be utilized with respect to the West New York collection system.
2. With regard to the West New York leak detection program, a meeting was recently held with Suez Water to address the continuing issues of water leaks. Some of the extra money from the collection system characterization study will be utilized to help identify leaks in the West New York service area.
3. With regard to the W1234 CSO solids and floatables facilities, the contractor has completed the installation of the northern netting chamber and is continuing with construction of the southern netting chamber. Landscape design of the platform is

being finalized.

4. With regard to the 2017 Collection System improvements, the contractor has completed work in West New York and will be performing some additional work in Union City and in Hoboken along Washington Street.
5. With regard to the Park Avenue siphon improvements, the only remaining work is final paving along Hackensack Plank Road. Currently the town of Weehawken is doing sidewalk work and upon completion of the same, final paving can commence.
6. With regard to PURAC improvements Phase II, the new hatch was successfully installed and the project can move into the close out phase.
7. With respect to the 2017 River Road wastewater treatment plant improvements, notice to proceed was issued in April and the contractor has just installed the new boilers.
8. With regard to the River Road Wastewater Treatment Plant collection system characterization study, Mott MacDonald is working on hydraulic modeling for the tributary area to the River Road Wastewater Treatment Plant in support of the Authority's Long Term control plans. A report has been completed and submitted to the New Jersey Department of Environmental Protection.
9. With regard to the H5 (Madison Avenue) drainage improvements, the Authority is currently working on the plans and specifications for the replacement of the combined sewer from 9th to 11th Street. We are currently awaiting for the City to complete their input.
10. With regard to the 2018 Green Infrastructure Project, plans and specifications are being worked on in West New York, Union City and Weehawken and borings for the same have been scheduled.

Commissioner Friedrich inquired as to how long before the Madison Avenue project.

Mr. Wynn replied that the bid documents would take six to nine months and that there would be a one year construction time thereafter.

Dr. Wolff also advised that he would check with the City to finalize the interlocal agreement with regard to the Madison Street improvements.

CH2M

Mike Wilson of CH2M reported as follows:

Capital Improvements

1. With regard to the Adams Street Wastewater Treatment Plant Phase III PURAC upgrades, CH2M has received and reviewed the general contractor's bonds and insurance, planned and conducted the mandatory NJDEP preconstruction meeting, and submitted administrative paperwork to the NJDEP. It appears that the Authority's general counsel has finalized his review of the submitted paperwork and that in the next week fabrication of the equipment to be installed will commence.

Combined Sewer Overflow Project

2. As Program Manager for the Development of the Combined Sewer Overflow Long Term Control Plan, the quarterly progress for the CSO permit for the second quarter of 2018 was submitted to the New Jersey Department of Environmental Protection on July 24, 2018. Four requests for proposals were drafted for an alternative evaluation of CSO controls. The fifth meeting of the CSO Community Advisory Board was held on August 6, 2018.
3. With regard to the H6-H7 CSO long term control project, CH2M has prepared a project update for the Authority. The project team continued assisting the Authority with its coordination of engineering activities with the City of Hoboken northwest resiliency park project team and participated in several conference calls with the City's Park design team.
4. With regard to the CSO alternative analysis concept workshop, CH2M is preparing a summary of the Authority's CSO alternatives as discussed at the workshop.

JACOBS OPERATION & MAINTENANCE

Don Conger reported on plant operations as follows:

1. With respect to the Adams Street facility, it had attained removal percentages of 89% and 93% of BOD and TSS respectively beating the 85% permit requirement. With respect to 30 day average effluent concentration, concentrations of 15 mg/L and 10 mg/L of BOD and TSS respectively were attained with a permit requirement of 30 mg/L. The daily average flow was 12,800,000 gallons per day with a volume of 491,000 gallons of sludge removed. The monthly geometric mean for fecal coliform was 183 cfu with a permit limit of 200 cfu. The maximum weekly average for fecal coliform was 945 cfu with a permit limit of 400 cfu.

The weekly coliform violations are due to the continued issues with the secondary clarification system (PURAC). Several measures are being taken to bring the facility back into permit compliance including: continued performance of repair work and all PURAC cells, including repairs to the underdrain; ongoing capital improvement projects; temporary compressor to ensure a full flocculation for the dissolved air flotation system; and Peracetic Acid System installed to provide supplemental disinfection to assist the ultraviolet system.

Mr. Conger reported that a section of chains and flights has collapsed in primary clarifier 1 and Jacobs is awaiting replacement parts for repair of the same. It was also reported that the trickling filter progress is currently operating well with units 1 and 3 in service and unit 2 offline for routine repairs and annual maintenance.

Commissioner Soares inquired as to whether we can change the PURAC system to avoid these permit exclusions.

It was explained that the PURAC system is integral part of the plant and it would be cost prohibitive to replace the same.

2. With respect to the River Road facility, removals percentages of CBOD and TSS were 88% and 90% respectively with an 85% permit requirement. As to the 30 day average effluent concentration, the plant attained 18 mg/L and 14 mg/L of CBOD and TSS concentration, respectively, with permit limits of 25 mg/L and 30 mg/L, respectively. The average daily flow at the River Road facility was 9,240,000 gallons per day with a volume of 330,000 gallons of sludge hauled. The facility met all permit requirements for the month and the toxicity measurement, with the substituted shrimp, was good.
3. With regard to the collection system, all components of the system are well. There was less cleaning of the collection system this month as vac trucks were being utilized to remove sand from the PURAC system. July saw 38 customer reports with 5,300 linear feet of sewer main cleaned and 45 catch basins cleaned with 80 cubic yards of debris removed.
4. With regard to the Sandy repair project, PSE&G is scheduled for a August 27th installation and powering up of new transformers for the system.

Commissioner Soares inquired that as to the possibility of the Authority's use of an 800 number to call in storm issues, noting that the Authority's response to the storm was great and there was little or no impact upon the city residents.

It was explained to Commissioner Soares that the Authority had done some testing and investigation with regard to a 311 emergency and that the 800 number appeared to be only working

for one city. In any event it appeared that all who needed to contact the Authority did and the response time to each and every complaint was more than satisfactory.

Dr. Wolff then advised the Commissioners that the defeasance of \$25 million dollars in bonds is complete which will reduce pressure to increase rates in the future because of the reduction in debt service. Dr. Wolff also asked Counsel Leanza to explain to the Commissioners the new connection fee.

Counsel Leanza explained that it appears that a bi-partisan bill had both passed the legislature and recently signed by the Governor and it would provide for basically three changes in the existing laws:

1. With respect to buildings that remain connected to the Authority system, the Authority would now be able to charge a connection fee to the extent that usage increased, notwithstanding that no new connection was required.
2. With regard to buildings or properties that had been previously connected to the Authority, property owners could receive a credit for either prior connection fees paid or service charges paid if the property was connected for more than 20 years and paid service charges for at least one of the past 5 years;
3. With respect to affordable housing, inclusionary units included in market rate projects would now be eligible for the 50% reduction in connection fee and there would be a credit to the extent that any prior connection fees were paid.

Executive Director Dr. Wolff then thanked Counsel Leanza for his 30 years of service to the Authority and noted that his departure was due to a request from the State Administration that he provide the same level of service that the NHSA has received as over the years in his new position as Senior Vice President for Legal and Regulatory Affairs and General Counsel to the New Jersey Sports and Exposition Authority. Counsel Leanza expressed his pride and satisfaction that he was part of a team, anchored by Dr. Wolff and Engineer Pocci, that had transformed the Authority from the scourge of the USEPA, Interstate Sanitation Commission and NJDEP, to the model for CSO and flood mitigation, infrastructure maintenance and collection and treatment of wastewater in the most environmentally sound manner. Counsel Leanza also expressed his dream of one day being enshrined with Dr. Wolff and Mr. Pocci in the Authority's Monument Park.

At approximately 6:37 p.m. on motion of Commissioner of Velasquez, seconded by Commissioner Kappock, it was unanimously resolved to adjourn the meeting.