

RESOLUTION AUTHORIZING MEETING MINUTES OF OCTOBER 19, 2017**MOTIONED BY:** Velazquez**SECONDED BY:** Assadourian

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 October 19, 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 October 19, 2017 for the record.

DATED: NOVEMBER 16, 2017

RECORD OF COMMISSIONERS' VOTE

	YES	NO	ABSTAIN
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 Zucconi	x		

THIS IS TO CERTIFY THAT THIS RESOLUTION WAS DULY ADOPTED BY THE NORTH HUDSON BOARD OF COMMISSIONERS ON NOVEMBER 16, 2017.



ASST. SECRETARY

NORTH HUDSON SEWERAGE AUTHORITY

MINUTES OF REGULAR MEETING

OCTOBER 19, 2017

At approximately 6:34 p.m, Chairman Brian Kappock called the meeting to order. In addition to Chairman Kappock, Commissioners Gardiner, Assadourian, and Friedrich were also present with Commissioners Velasquez, Sanchez, Roque and Marotta participating by telephone.

Counsel Leanza advised that since this was a regularly scheduled meeting of the Authority and notice of the same had been published and posted in accordance with the Open Public Meetings Act proper action could be taken herein and he also noted that there was a super majority of Commissioners partaking in the meeting.

Executive Director Dr. Richard Wolff noted that with the absence of Commissioner Zucconi no action could be taken on Resolutions 17-042, 075 and 083 meeting minutes of the May 18, 2017 August 17, 2017 and September 21, 2017 respectively.

In consideration of the participation of several members by telephone, the Authority next considered the consent agenda.

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

- A. Resolution 17-084 authorizing the payment of bills. These payments consisted of \$1.39 million dollars in the operating fund; \$1.5 million dollars in the capital fund; \$133,000 in emergency expenses for a total of \$3.2 million dollars.
- B. Resolution 17-085 regarding municipal repairs consisted of an excavation of 11th and Garden to determine the origin of the sink hole in Hoboken; two (2) collapsed manholes and one (1) collapsed sewer main in Union City; one (1) collapsed catch basin in Weehawken; and four (4) collapsed catch basins in West New York for a total estimated cost \$41,500.00.
- C. Resolution 17-086 involved repair of a collapsed sewer main on Hamilton Avenue and this resolution authorizing work to EN-TCH under its existing sewer rehabilitation construction contract to reline a portion of the sewer. It was noted that this is the first stage of a two stage sewer project on Hamilton Avenue. The second stage which will start in a few weeks will involve the replacement of the rest of the Hamilton Avenue line with a larger line to help alleviate severe wet weather problems. This resolution is in an amount not to exceed \$474,450.00 and had been previously approved by the Facilities Review Board.

- D. Resolution 17-087 authorizing a sewer repair at 33rd Street and Pleasant Avenue in Union City. This resolution authorizes EN-TCH under its existing contract to undertake the repair of the 15-inch sewer line at 33rd Street and Pleasant Avenue for an amount not to exceed \$19,500.00 and had been previously approved by the Facilities Review Board.

At approximately 7:37 p.m. Commissioner Erica Zucconi joined the meeting by telephone.

On motion by Commissioner Assadourian, seconded by Commissioner Gardiner, the consent agenda was unanimously enacted with eight votes in the affirmative and Commissioner Zucconi abstaining therefrom.

Dr. Wolff noted that there were a full slate of nine Commissioners now participating in the meeting and that the minutes of the prior meetings could now all be addressed.

1. Resolution 17-042 authorizing the minute meetings of May 18, 2017 was moved by Commissioner Assadourian and seconded by Commissioner Zucconi with seven votes in the affirmative and Commissioners Velasquez and Sanchez abstaining therefrom.
2. Resolution 17-075 authorizing minute meetings of August 17, 2107 was introduced by Commissioner Friedrich and seconded by Commissioner Zucconi with seven votes in the affirmative and Commissioners Kappock and Sanchez abstaining therefrom.
3. Resolution 17-083 authorizing minute meetings of September 21, 2107 was moved by Commissioner Zucconi and seconded by Commissioner Gardiner with seven votes in the affirmative and Commissioners Velasquez and Marotta abstaining therefrom.

At approximately 7:44 P.M. Commissioners Zucconi and Velasquez left telephone contact with the meeting to conduct various municipal activities.

Chairman Kappock next asked for engineers reports.

CH2M

William McMillin reported as follows:

1. With regard to the Adams Street Phase III PURAC upgrade, CH2M continued coordinating with the dissolved air floatation system supplier and under drain supplier working to address the final quality control comments of CH2M and complete their design efforts for the PURAC filter cell equipment. CH2M continue

with the final cross check and update of the contract documents to progress toward bid documents.

2. With regard to the combined sewer overflow projects, CH2M continued working with OMI in coordinating compliance with scheduled CSO related submissions in the Authority's NJPDES permits, public notifications, and public participation. CH2M participated in a CSO community advisory board meeting on September 20, 2017. CH2M is overseeing the sewer water quality sampling project being conducted by CH2M and is tracking the status of sewer condition assessments projects in the River Road and Adams Street service areas being conducted by Mott MacDonald. CH2M is overseeing the H6/H7 CSO long term control project, the River Road wastewater treatment plant characterization project and the Adams Street Weehawken/Union City characterization project.
3. It was noted that CH2 is finalizing a technical memorandum reporting on the sampling activities and findings with regard to CSO water overflow quality sampling.
4. With regard to the Weehawken and Union City combined sewer characterization for the Adams Street plant, CH2M continued work on the sewer system inventory, service area analysis, collection system modeling and sensitive area tasks.
5. With regard to the H6/H7 CSO long term control project work was focused this period on completing land survey and aerial survey work and developing conceptual alignments for collection system modifications. Collection system modeling is being performed to evaluate conceptual alignment performance compared to project goals. The project team attended the City of Hoboken's northwest resiliency park design project kick off meeting and will be participating in monthly meetings in support of the Authority.
6. With combined to the H1-H5 combined sewer system characterization and drainage planning, CH2M began the characterization phase of the project by starting work on the sewer system inventory service area analysis collection system modeling and sensitive area tasks.

MOTT MACDONALD

Kevin Wynn reported as follows:

1. With regard to the collection system characterization study, work has been completed in Weehawken, and work is now commencing in Northwest Hoboken.
2. With regard to the West New York leak detection program, Mott MacDonald

continues its coordination with Suez with the next meeting scheduled for early November 2017.

3. With regard to the W1234 CSO solids and floatables facility, the west wall of the cofferdam has been complete and the contractor is working on the south wall.
4. With regard to the 2017 River Road wastewater treatment plant improvements including boilers and trickling filter odor control, there were no bids received on the project and Mott MacDonald will review the contract documents accordingly.
5. With regard to the 2017 collection system improvements, the contractor has completed the cleaning and closed circuit TV work and is currently working along 60th Street in West New York and is almost complete therein.
6. With regard to the Hamilton Avenue sewer improvements, following a meeting with the Township of Weehawken, the Authority has decided to replace approximately 300 linear feet of collapsed sewer and to line an additional 500 linear feet of sewer. The Authority will be performing this work as a task order to EN-TCH's ten year miscellaneous repair contract.
7. With regard to the River Road wastewater treatment plant collection system characterization study, Mott MacDonald was working on hydraulic modeling for the tributary area to the River Road wastewater treatment 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 currently working on the plans and specifications for the replacement of the combined sewer from 9th Street to 11th Street. It also had a coordination meeting with Hoboken's engineer on October 17, 2017 to coordinate both projects. It was also noted that an optimum solution to the drainage problems therein would be raising of the street grades by approximately two feet but that the same will be limited by the existing buildings thereon.

Engineer Pocci questioned Mr. Mott as to the status of work on Broadway and 49th Street in Union City and Mr. Wynn replied that a meeting has been scheduled with Union City for their approval of the project.

Mr. Assadourian questioned the possibility of raising the streets by two feet and Mr. Pocci said that because of the existing structures and doorways that might not be possible but it would be optimum to raise the street levels as much as possible.

GREELEY & HANSEN

Michael Hope reported as follows:

1. The City has requested a permit for installation of temporary generators and that Greeley & Hansen is in the process of completing the same.
2. With regard to the PURAC Phase I, Greeley & Hansen had recommended the holding back of partial payment pending review of the lake claims from the contractor.

Engineer Pocci noted that progress is being made with Longo, the contractor and hopes that a meeting can review some of the reasons for the delays and that the job can progress to a finishing with an appropriate adjustment of the contract amount.

OMI

Don Conger of OMI reported on operations for the previous month as follows:

1. With respect to the Adam Street wastewater treatment plant, the facility met all permit parameters for the month. Thirty day average percent removal for BOD and TSS were both above the 85% permit requirements with 88% removal of BOD and 89% removal of TSS. With regard to thirty day average effluent concentration, BOD effluent concentration of 17 mg/L was achieved and a TSS concentration of 15 mg/L was achieved with a 30 mg/L permit requirement. The average daily flow was eleven million seven hundred seventy thousand gallons per day with 548,000 gallons of sludge hauled.

The monthly geometric mean for fecal coliform was 48 cfu with a permit limit of 200 cfu and a high weekly geometric mean average of 95 cfu with a permit limit of 400 cfu. These averages were all met. It was also noted that the Authority is trimming its use of periacetic acid to help attain these results.

Finally it was reported that the repairs to the pipe gallery were made the previous month without any incident.

2. With respect to the River Road facility, it too met all permit requirements. The thirty day average percent removal rate was 90% for CBOD and TSS was at 89% with an 85% permit requirement for both measures. With regard to the thirty day average effluent concentration, 15 mg/L had been attained with CBOD with a permit requirement of 25 mg/L and 16 mg/L had been achieved with regard to TSS with a permit requirement of 30 mg/L. The average daily flow at the plant was eight million three hundred and eighty thousand gallons with 339,000 gallons of sludge removed.

The monthly geometric mean for fecal coliform was met. The monthly geometric mean 26.06 cfu with a permit limit of 200 cfu. The maximum seven day geometric mean average value was 54 cfu, with a limit of 400 cfu. The monthly average for chlorine residue was 0.06 mg/L with a limit of 0.1 mg/L. Only minor repairs were completed at the plant with the next month anticipating some major maintenance work.

3. With regard to the collection systems, all regulators and pumps stations were working with the note that repairs were made to the Port Imperial One pump station as well as the Baldwin Avenue pump station.

Last month OMI went out on 34 service calls, cleaned 4,321 linear feet of sewers, cleaned 43 catch basins, and removed 60 cubic yards of debris.

Chairman Kappock noted OMI's participation and information distribution at the Weehawken Day and thought a very good day was done with both the videos and handouts to the public.

Commissioner Gardiner inquired as to how long new pumps installed are expected to last. Mr. Conger replied that it is difficult to give an exact time frame depending on usage, size and maintenance but on the average new pumps could be expected to last twenty years.

At approximately 8:05 p.m. on motion of Commissioner Assadourian, seconded by Commissioner Gardiner, it was unanimously resolved to adjourn the meeting.