

RESOLUTION AUTHORIZING MEETING MINUTES OF SEPTEMBER 21, 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 September 21, 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 September 21, 2017 for the record.

DATED: OCTOBER 19, 2017

RECORD OF COMMISSIONERS' VOTE

	YES	NO	ABSENT
Commissioner Assadourian			
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 OCTOBER 19, 2017.

SECRETARY

NORTH HUDSON SEWERAGE AUTHORITY

MINUTES OF REGULAR MEETING

SEPTEMBER 21, 2017

At approximately 6:35 p.m, Chairman Kappock called the meeting to order. In addition to Chairman Kappock, Commissioners Friedrich, Assadourian and Zucconi were present with Commissioners Gardiner, Roque and Sanchez participating telephonically. Counsel Leanza advised that since this was a regularly scheduled meeting and all appropriate notices had be given with regard to the Authority's scheduled regular meetings, we could proceed under the Open Public Meetings Act and he noted that there was a super majority of seven members present to take affirmative action.

Executive Director Dr. Richard Wolff noted that neither Resolution 17-042 regarding the minutes of the May 18, 2017 meeting nor Resolution 17-075 authorizing meeting minutes of August 17, 2017 could be acted upon as there was not present a seven commission majority in attendance at those meetings. However, Resolution 17-070 authorizing the meeting minutes of July 20, 2017 was addressed with Commission Assadourian moving the resolution and Commissioner Gardiner seconding the resolution and all members voting therefore.

Because of the presence of several Commissioners telephonically, Chairman Kappock moved to address the Resolutions prior to the reports. Executive Director Wolff explained the consent agenda resolutions as follows:

- A. Resolution 17-076 authorizing the payment of bills consisting of \$2.29 million dollars from the operating fund; \$401,000 dollars from the capital fund; and emergency expenditures of \$156,000 for a total of \$2,800,000.00 dollars.
- B. Resolution 17-077 with respect to miscellaneous repairs included 3 collapsed catch basins and one collapsed manhole in Hoboken with 5 collapsed catch basins and 5 collapsed manholes in Union City.
- C. Resolution 17-078 authorizing a contract modification to repair and replace a connection pipe at the Adams wastewater treatment plant for an amount of \$114,425.00 as approved by the Facilities Review Board. This required a bypass pumping around the pipe gallery to make a permanent repair to a ruptured 12-inch pipe and valves between the Administration and the sludge blending buildings.

- D. Resolution 17-079 a sewer connection application for Port Imperial in Weehawken consisting of 313 residential units 4,150 square feet of commercial space. This project is expected to generate 58,015 gallons per day and the connection fee is calculated at \$477,000.00.
- E. Resolution 17-080 directing work to Mott MacDonald for engineering services for green infrastructure projects. These projects include engineering design and construction services for green infrastructure projects in Union City composed of the St. Augustine Parking lot pervious surface, Weehawken, the Gregory Park storm water plant and West New York, the 63rd Street parking lot for pervious pavements. This cost is an amount not to exceed \$101,000.00 and the project has been approved by the Facilities Review Board.
- F. Resolution 17-081 engineering services to be provided by Mott MacDonald for H-5 drainage basement improvement project. This is investigation to improve the drainage in the 9th and Madison area in Hoboken including hydraulic monitoring and the evaluation and potential access to the 11th Street trunk sewer from 9th and Madison. The design is expected to be completed by February 2018 and is for an amount not to exceed \$83,662.00 and this also has been approved by the Facilities Review Board.
- G. Resolution authorizing additional work to Jack Curley for legal services. This includes ongoing work regarding the H5 easement, the Hartz Mountain issues and a potential land acquisition in West New York. This is for an amount of approximately \$35,000 and had been approved by the finance committee.

Chairman Kappock had a question regarding a law firm as payee on the bill list and it was explained to him that this was a user refund going to the user's attorney.

Commissioner Gardiner had a question as to the subjects of the continuance of Mr. Curley's contract.

Dr. Wolff explained to him that this was for the ongoing work with regard to the W1234 easement and investigating the potential property acquisition adjacent to the West New York plant.

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

At approximately 6:44 pm, Commissioner Gardiner signed off from the meeting because of his illness.

Reports.

CH2M

Bill McMillin of CH2M reported as follows:

1. With regard to the Adams Street wastewater treatment plant, Phase III PURAC upgrades designs, CH2M continued coordinating with the dissolved air floatation system supplier and under drain supplier as they continue to complete their design efforts for the PURAC filter cell equipment. Progress was made in the investigation of the structural integrity of the filter cell concrete walls following the structural collapse. CH2M performed coring on August 10th and is arranging for testing of the samples. The designs of the upgrades have been completed up to 95% completion and have been submitted to the NJEIT for approval or comments. A project review meeting was held with the Authority and OMI on September 12th and the Authority and CH2M Hill have developed an approach to expedite procurement and sequence of construction to reduce the time for Phase III implementation. The design is being modified to reflect this new approach.
2. With respect to the combined sewer overflow projects and CH2M's function as program manager for the long term control plan, CH2M continued working with OMI in coordinating compliance with scheduled CSO related submissions in the Authority's permits, public notifications, and public participation. Public newsletter material has been drafted for release later this year. Preparations are being made for the next CSO community advisory board meeting noting that a meeting was held last evening and favorable comments were received regarding the same. CH2M Hill is in the process of overseeing water quality sampling project and is tracking the status of sewer condition assessments projects in the River Road and Adams Street service areas being conducted by Mott MacDonald.

Dr. Wolff noted that he had sent emails to the Commissioners regarding the September 20th meeting and will do the same for future meetings asking that the Commissioners schedule their attendance at such meetings so that there would not be an inordinate amount of NHSA staff, consultants and Commissioners at individual meetings.

3. With respect to the combined sewer overflow water quality sampling, a sufficient numbers of samples have been collected for characterization work and future sampling will not be cost effective. CH2M has demobilized from sampling and is drafting a technical memorandum reporting on the sampling activities and findings.

Dr. Wolff noted that at the meeting last evening there was a question regarding sampling in the Weehawken cove area. It was noted by Engineer Pocci that the sampling we are conducting is with regard to the CSO effluent and not necessarily the sampling of river water. The PVSC has done the sampling for the river water and there is no present intention for the Authority to do any sampling in the Weehawken cove area.

Chairman Kappock inquired as to what exactly we were sampling and Mr. McMillin replied that we were sampling the sewer system in rain events from the areas near the regulators to determine the concentration of ecoli and other substances that would flow into the river.

4. With regard to combined sewer characterization study for the Adams Street plant regarding Weehawken and Union City, CH2M continued work on the sewer system inventory, service area analysis and collection system modeling.
5. With regard to the H6-H7 CSO long term control project, CH2M continued the service area characterization work. The collection system hydraulic model is being used to simulate a new storm water system and identify preliminary flows and volumes for planning purposes. Mott MacDonald completing land survey and aerial survey work and is developing proposed alignments for collection system modifications.
6. Finally, with respect to the H1-H5 combined sewer system characterization and drainage planning, CH2M has received the signed resolution and started characterization work.

MOTT MACDONALD

Kevin Wynn of Mott MacDonald reported that the most significant project Mott MacDonald is working on is the CSO W1234 solids and floatables facility and that this week the contractor had begun putting in sheet piling necessary for construction of the facility. Some dredging had occurred previously in the month.

1. With regard to the collection system characterization study, work has near completion in West New York, Union City and Weehawken and work has been started on Washington Street in Hoboken.
2. With regard to the West New York leak detection program, the latest meeting was conducted on September 20, 2017 noting that the flows have been steady and that Mott MacDonald and the Authority are working with Suez to identify other potential leaks so that these extraneous flows to West New York plant could be eliminated.

Engineer Pocci noted that the workings and meetings as between Suez and the North Hudson Sewerage Authority have been adopted by the NJDEP as a model for desired actions throughout the State of New Jersey.

OMI

Don Conger reported as follows:

1. With respect to the Adam Street facility, all permit parameters had been met for the month. The facility met effluent permit parameters for both BOD and TSS limits with a monthly average BOD of 17 mg/L with a limit of 30 mg/L and TSS was 18 mg/L with a limit of 30 mg/L. Permit requirements were 85% for each category and removal percentages of 88% had been attained. With regard to thirty-day average effluent concentrations, permit required maximum of 30 mg/L for each parameter and effluent concentration limits of 17 mg/L and 15 mg/L had been obtained for BOD and TSS, respectively. The daily average flow at the Adams Street Plant was twelve million three hundred gallons per day with 350,500 gallons of sludge hauled.

The monthly geometric mean for fecal coliform was well within permit limits as well as the high weekly geometric mean. Mr. Conger also reported on in more detail as to the bypass and the work being done to repair the damaged pipe in the pipe gallery.

2. With respect to the River Road facility, Mr. Conger reported that it too had met all permit requirements for the previous month with 85% removal rates for CBOD and TSS required and 87% and 86% respectively removal percentages achieved. With regard to effluent concentration, permit requirements were 25 mg/L and 30 mg/L of CBOD and TSS respectively and concentrations received were 19 mg/L for each category. The West New York plant had an average daily flow of eight million four hundred and eighty gallons with 327,500 gallons of sludge removed.

Mr. Conger also noted that some repairs were made to the recirculation pump as well as the trickling filter mechanism in West New York.

3. With regard to the collection systems, all pumps, regulators, etc. were in working order except for repairs to a pump at the Pershing Road station.

The Authority answered 24 service calls in the previous month with 4,109 linear feet of sewer mains cleaned as well as cleaning 52 catch basins.

With regard to the Sandy recovery project, the only major aspect left is the electric feeder repair and PSE&G had installed the meters for the Authority earlier in the day so that cut over to the temporary system could be made very shortly.

Executive Director Dr. Wolff reported that he and the Authority are working very closely with Congressman Sires' offices regarding the denial of the grant for the 5th Street Pump station upgrade. One of the reasons for the denial was the belief that the damage was not caused by Sandy.

At approximately 7:09 p.m. on motion of Commissioner Assadourian, seconded by Commissioner Friedrich, it was unanimously resolved to adjourn the meeting.