

RESOLUTION AUTHORIZING MEETING MINUTES OF AUGUST 17, 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 August 17, 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 August 17, 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

AUGUST 17, 2017

At approximately 6:35 p.m, Executive Director Dr. Richard Wolff called the meeting to order because of the absence of both Chairman Kappock and Vice Chairman Marotta. Counsel Leanza noted that this was a regularly scheduled meeting of the North Hudson Sewerage Authority and that because proper notice had be given thereof under the Open Public Meetings Act all appropriate actions could be taken herein.

In attendance at the meeting were Commissioners Gardiner, Roque, Friedrich, and Velasquez. Commissioners Assadourian and Marotta participated by telephone.

Counsel Leanza noted that because there are only six members present reports could be taken but that no affirmative action could be taken unless a seventh member was in attendance and voted therefore.

Executive Director Wolff next asked for reports.

CH2M

William McMillin of CH2M reported as follows:

1. In regards to general engineering and the Adams Street Phase III PURAC upgrades design: CH2M continued coordinating with the floatation system supplier and the under drain supplier as they continue to complete their design efforts for the PURAC filter cell equipment. Design of the upgrades progressed to 90% for instrument and controls and electrical. Internal quality assurance review has become and a review with the Authority is being scheduled. An investigation is being conducted of the existing filter cells to determine the structural integrity of concrete walls following the collapse of structural members of one of the cells. CH2M is performing the coring and on August 10th completed the same. CH2M developed an approach with OMI to expedite procurement and construction to reduce the time for Phase III implementation to avoid further failures of the existing system. The design and specifications are being modified to reflect the new approach.

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. Public newsletter material has been drafted. Preparations are being made for the next CSO community advisory board meeting. The CH2M project manager is overseeing the sewer water quality sampling project being conducted by CH2M. CH2M is also tracking the status of the sewer condition assessment projects in the River Road and Adams Street service areas being conducted by Mott MacDonald. CH2M is also overseeing characterization work on the H1-H5 characterization and drainage planning project. The H6-H7 CSO long term control project, and the River Road and Adams Street treatment plant characterization projects. CH2M has submitted the quarterly status report to the NJDEP for CSO activities for April through June of 2017.
3. With regard to the combined sewer overflow water quality sampling project, CH2M continued to track weather forecast to monitor one more wet weather event. An event was sampled on August 7th and if all data is satisfactory the project will be finished. CH2M is awaiting receipt of New Jersey combined system overflow group data to review and compare to the Authority's data previously sent to the group.
4. CH2M continued working on the sewer system inventory, service area analysis and collection system modeling task for the Weehawken and Union City combined sewer characterization in the Adams Street service area.
5. With regard to the H6-H7 CSO long term control project, CH2M continued the service area characterization work. The collection system hydraulic model was used to simulate a new storm water system and identify preliminary flows and volumes for planning purposes. The initial and preliminary volume sizing was discussed by the project team CH2M, OMI and the Authority. The model simulations provided a range of volumes needed based on the 2004 typical year to identify the range of collection system and CSO discharge flows that the project will be addressing. Mott MacDonald continued the land survey work for the sewer system separation design and aerial survey.
6. With regard to the H1-H5 combined sewer system characterization and drainage planning for the Adams Street service area, CH2M received the signed resolution and started characterization work.

MOTT MACDONALD

Kevin Wynn of Mott MacDonald reported as follows:

1. With regard to the collection system characterization study through the month of July, Mott MacDonald has been working in Weehawken and started work Washington Street in Hoboken.
2. With regard to the West New York leak detection program, the next regularly scheduled quarterly meeting is September 7, 2017.
3. With respect to the W1234 CSO solids and floatables facility, the contractor has been reviewing shop drawings and submittals after review by Mott MacDonald and the project will be starting in early September.
4. With regard to the combined sewer regulator upgrades and improvements, approximately 99% of the work has been completed and the contractor is in the paperwork close out phase.
5. With regard to the 2017 River Road improvements, plans are being finalized for the replacement of boilers, trickling filter odor control system and trickling filter pump station check valves and the project is scheduled to go out to bid on September 27th.
6. With regard to the 2017 collection system improvements, the contractor has completed the cleaning and closed circuit television work and has started the lining sewers as of July 31st in West New York.
7. With regard to the Hamilton Avenue sewer improvements, after a meeting with the Township in Weehawken, the Authority has decided to proceed with the construction of a small pump station at the intersection of J. F. K. Boulevard and Hamilton Avenue along with a replacement of five hundred linear feet of combined sewer along Hamilton Avenue. Mott MacDonald is working on the plans and specifications as directed by the Authority.
8. With regard to the Park Avenue syphon improvements, the project is moving towards the close out phase and completion of the last change order to be approved by the Commissioners.
9. With regard to PURAC improvement Phase II, the contractor has successfully removed the sand from the clear well and Mott MacDonald is working on the design for the permanent hatch way to the clear well and some additional sludge piping.
10. With regard to the River Road wastewater treatment plant collection system

characterization, Mott MacDonald is working on hydraulic modeling for the tributary area to the River Road plant in support of the Authority's long term control plan.

11. With regard to the H5 collection system study, Mott MacDonald has completed a topographical survey and will be presenting some options to the Authority to remediate the surface flooding at Madison Avenue and 9th Street. Mott MacDonald is scheduled to meet with representatives of the City of Hoboken to discuss the scope of the project on or about August 15, 2017.

Commissioner Gardiner inquired as to what is the scope of this project to remediate the Madison Avenue flooding and how extensive will the work be that is planned.

Mr. Wynn reported that for now, sewer size on Madison Avenue is going to be increased and there is a recommendation to raise some of the curbing and then follow up as to the impact of those changes.

GREELEY & HANSEN

Michael Hope reported that as follows:

1. With regard to the electrical switch gear replacement, the tentative start date is now set for October 2017 and that refileing of the necessary work permits has taken place with the City of Hoboken.
2. With regard to the PURAC system upgrades Phase I, the punch list has been completed and demolish of the old system has also been completed. What remains to be done is the installation of turbidity meters which have been ordered. They are expected to arrive within the next three weeks, be installed, calibrated and tested and then train OMI personnel on the same.

OMI

Don Conger of OMI reported on operations as follows:

1. With respect to the Adam Street facility that it had met effluent permit parameters for both BOD and TSS limits. Monthly average BOD was 18 mg/L with a limit of 30 mg/L and TSS was 16 mg/L with a limit of 30 mg/L. Removal efficiency for BOD and TSS were 87% and 88% respectively, with permit requirements of 85%. All permit requirements for PH, temperature, oil and grease, and ammonia were also achieved. The monthly average flow was 12.09 million gallons per day with 526,000 gallons of sludge hauled.

There were a total of five (5) high weekly geometric mean average permit excursions. OMI has installed a trial disinfection system using peracetic acid. It helps in maintaining permit compliance in the summer months. The system will be kept on site until the PURAC upgrade projects are complete. There were problems with the chemical feed pumps this month that were corrected and repaired by the pump vendor. The combination of the effluent gate malfunctions and the pump malfunctions caused the weekly high fecal exceedence is expected this per acetic acid system will allow the plant to meet its monthly permit average for disinfection.

2. With respect to the River Road facility. It met all permit requirements for the month. The effluent concentration for CBOD was within the permit parameters with a monthly average of 15 mg/L and a permit limit of 25 mg/L. The effluent concentration for the TSS was within the permit parameters with a monthly average of 15 mg/L and a permit limit of 30 mg/L. The monthly average geometric means for fecal chloroform and chlorine residual were also met. The average daily flow for July was 8.74 million gallons per day with 381,000 gallons of sludge hauled.
3. With respect to the collection system, there were a total of 36 service calls with 4,109 linear feet of sewer main cleaned. 83 catch basins were also cleaned in the previous month resulting in the removal of 40 cubic yards of debris. Otherwise all aspects of the collection system were working as designed.

With regard to the Sandy recovery matters OMI is waiting for PSE&G to issue cutting cards so that the Authority could be cut over to temporary service building by building in the month of September. It is anticipated that OMI will utilize the Labor Day holiday to cut over the Administration Building.

While staff was attempting to contact Chairman Kappock who was on a flight, Commissioner Gardiner asked whether it would be possible to review a transcript of the condemnation matter with the Maxwell House Homeowners Association. Counsel Leanza replied that because the matter has settled before appeal, the Authority did not pay for a transcript and there would be none available. The same would prove quite costly and Commissioner Gardiner said he understood the circumstances.

Commissioner Gardiner also informed the Commissioners regarding a discussion in Hoboken as to the need for a bump out of curb areas at every intersection along the Washington Street improvement project and queried whether the bump outs would require any changes in the Authority's system.

At approximately 7:00 pm the staff reached Erica Zucconi bringing the total of seven members participating in the meeting so that affirmative action could be taken.

Dr. Wolff advised that neither Resolution 17-042 authorizing the minutes of May 18, 2017

nor Resolution 17-070 authorizing the meeting minutes of July 20, 2017 could be acted upon because there were not seven Commissioners present who were in attendance at either of such meetings. He then went on to review the consent agenda as follows:

1. Resolution 17-071 authorizing the payment of bills consisting of \$1.4 million dollars in operating funds; \$835,000 dollars from the capital fund; \$184,000 in emergency expenditures; and \$9,368 in connection revenues receipts for a total of \$2,460,000.00 dollars.
2. Resolution 17-072 with respect to miscellaneous repairs consisting of in Union City: 1 broken sewer pipe, 1 collapsed manhole and 2 collapsed catch basins; in Weehawken: 1 manhole casting replacement and 18 collapsed catch basins; in West New York: 2 manhole cover replacements and 4 collapsed catch basins for a total of \$113,900.00.
3. Resolution 17-073 contract modification to the Park Avenue syphon project. This is the final close out of the contract consisting of a \$122,000 modification necessitated by extra milling and paving and the difficulty in locating the syphons causing more than expected excavation cost, discovery of a deteriorated manhole, the need for additional sewer lining, additional transportation and disposal of soils, additional time and man hours, and additional police presence for a total modification of \$122,000.00 amount. This had been preciously approved by the Facilities Review Board.
4. Resolution 17-074 for a sewer connection for 1100-1114 Madison Street of approximately 60 gallons per day for dewatering PSE&G property for a total of \$1.8 million dollars which had been preciously approved by the Facilities Review Board.

Commissioner Gardiner inquired as if this connection fee amount was not included in the budget, was it so called "found money" for the Authority. Dr. Wolff replied that money such as this was used as it has been done earlier year to pay down the Authority's variable debt so that we could reduce future debt service and thereby constructively apply these funds.

At 7:06 p.m., on motion by Commissioner Gardiner, seconded by Commissioner Zucconi, the consent agenda was unanimously adopted.

On motion of Commissioner Gardiner, seconded by Commissioner Velaquez it was unanimously resolved to adjourn the meeting.