

RESOLUTION AUTHORIZING MEETING MINUTES OF JULY 19, 2018

MOTIONED BY: Velazquez

SECONDED BY: Friedrich

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 July 19, 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 July 19, 2018 for the record.

DATED: AUGUST 16, 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 AUGUST 16, 2018.



ASST. SECRETARY

NORTH HUDSON SEWERAGE AUTHORITY

MINUTES OF REGULAR MEETING

JULY 19, 2018

At approximately 6:32 p.m, Executive Director Richard Wolff called the meeting to order in the absence of Chairman Kappock.

Counsel Leanza advised that this is a regularly scheduled meeting of the Authority and proper notices thereof have been given according to the Open Public Meetings Act so that appropriate actions could be taken at the meeting.

Present at the meeting were Commissioners Gardiner, Soares, Velasquez and Friedrich. Participating by telephone were Commissioners Sanchez, Marotta and Roque. Counsel Leanza noted that there were seven Commissioners present so that action could be taken with the super majority.

Executive Director Wolff asked all in attendance to stand in a moment of silence in memory of those children who had recently passed away in the tragic fire in Union City.

In consideration of the Commissioners participating by telephone, Executive Director Dr. Wolff suggested the revision of the agenda so that resolutions could be addressed first.

Executive Director Wolff addressed the resolutions as follows:

1. Resolution 18-079 authorizing the minutes of June 21, 2018.
2. Resolution 18-080 authorizing the payments of bills consisting of \$7.8 million dollars from the operating fund, \$954,000.00 dollars from the capital fund, \$3,700.00 from the emergency fund and \$10,700.00 for connection review fees for a total of \$8.8 million dollars.
3. Resolution 18-081 miscellaneous repairs consisting of one broken manhole casting in Hoboken, five collapsed catch basins and one collapsed lateral in Union City and two collapsed catch basins in West New York.
4. Resolution 18-082 authorizing additional engineering work with regard to the switchgear project. Noting that the electrical feeder project at the Adams Street plant has taken almost 887 days longer than anticipated with a current estimated time of completion of 2018 and additional engineering services are required in amount not to exceed \$94,352.00, such sum having been approved by the Facilities Review Board.

5. Resolution 18-083 closing out the NJDEP permitting project. As the Commissioners may recall, Hall & Assoc. were hired to analyze and advocate for the Authority with its NJDEP permitting project. Their work has been completed with a final invoice of \$2,697.00 which has been approved by the Facilities Review Board.
6. Resolution 18-084 authorizing the defeasance of debt. This authorizes implementation of the Authority's debt defeasance program with staff advisors: NW Financial, Amawalk, Leanza Agrapidis, Donahue Giranda, TD Bank, all existing professionals. As the Commissioners will recall the purpose of the defeasance is to lessen our interest charges which will in turn reduce pressure in changing our rates. This debt reduction also helps the Authority maintain its AA rating with the Wall Street Bond Rating Agents.
7. Resolution 18-085 amending the Bond Resolution 16-100 for funding for the long term CSO project. There has been an additional million dollars available from the NJEIT for CSO projects planning and this resolution will increase this source of funding from \$5 to \$6 million dollars for the Authority and has been approved by the Finance Committee.
8. Resolution 18-086 Bond Resolution with regard to the Park Avenue siphon project. This resolution will fund the final stages of the Park Avenue siphon project as the original NJEIT loan did not cover the total cost of the project which had many challenges including searching for the unmapped siphon connection for the plant, restricted access because of the proximity to the Lincoln Tunnel, and repaving requirements adding to time and cost. The additional loan will be for \$700,000.00 and it will close out the project and has been approved by the Finance Committee.

On motion of Commissioner Velasquez, seconded by Commissioner Gardiner, the consent agenda was unanimously adopted with seven votes in the affirmative.

CH2M

Shivani Patel gave the June engineering report as follows:

1. With regard to capital improvement projects, the State of New Jersey had authorized the award of the contract for Phase III of the PURAC and its contract documents are currently under review.
2. With regard to the combined sewer overflow project, CH2M continued working with OMI in coordinating compliance with scheduled submissions to the New Jersey Department of Environmental Protection public notifications and public participation. The required documents have been submitted to the NJDEP and its review is being awaiting.

3. With regard to the combined sewer overflow water quality sampling study, CH2M received CSO water quality sampling data from the New Jersey CSO group. Information on the data was added to the technical memorandum reporting on the sampling activities and findings for the Authority's review. The technical memorandum was submitted to the Authority on June 22, 2018. With regard to the H6-H7 CSO long term control project, the project team updated the collection system modeling software with the most recent storm water collection system design. The software was used to analyze the performance of the new storm water system and existence CSO system during various storm events and land use scenarios. CH2M is continuing assisting the Authority with coordination with activities with the City of Hoboken Northwest resiliency park and participated in several conference calls with the City.

MOTT MACDONALD

Karen Karvazy gave the Mott MacDonald engineering report as follows:

1. With respect to the collection system characterization study, the contract work has now been completed and Mott MacDonald has established a deadline of August 1st to receive all of the updated GIS information.
2. With regard to the West New York leak detection program, the last quarterly meeting was held on June 2nd at which time Mott MacDonald presented information as to leaks identified from closed circuit TV. A meeting is scheduled next week to ascertain the progress made by Suez.
3. With regard to the W1234 CSO solids and floatables facilities, the contractor has installed the first netting chamber and started to backfill the cofferdam. Mott MacDonald is finalizing the landscape design of the platform.
4. With regard to PURAC improvements Phase II, the new hatch was successfully installed and the project can move into the close out phase.
5. With regard to the 2017 River Road wastewater treatment plant improvements, the contractor has demolished the existing boilers and odor control system as the first step in replacing the same.
6. With regard to the H5 drainage improvements, Mott MacDonald is currently working on plans and specifications for the replacement of the combined sewer from 9th to 11th Street.

7. With regard to the 2018 Green Infrastructure Project, Mott MacDonald is working on plans and specifications and funding for the construction of new green infrastructure facilities in West New York, Union City and Weehawken.

JACOBS OPERATION & MAINTENANCE

Don Conger reported on operations as follows:

1. With regard to the Adams Street facility, it had reported 88% and 91% removal percentages as against an 85% permit requirement with effluent concentrations of 19 mg/L and 14 mg/L with permit requirements of 30 mg/L for both BOD and TSS, respectively. The daily average flow was 12.41 million gallons per day with a volume of sludge hauled of 665,000 gallons of sludge hauled. The monthly geometric mean for fecal coliform was 473 cfu with a permit limit of 200 cfu. The maximum seven day weekly geometric mean was 1,062 cfu with a permit limit of 400 cfu. These deviations from the permit were all because of the enormous amount of sand that had bled through the system. It appears that with the installation of additional sand the fecal coliform numbers will increase greatly. It was also reported that primary clarifiers one and two had been cleaned out mostly of snail shells and the remaining clarifier is on schedule to be cleaned.
2. With regard to the River Road facility, it received removal percentages of 92% and 93% of CBOD and TSS respectively with 85% permit limits and 12 mg/L and 9 mg/L effluent concentrations of CBOD and TSS respectively with permit requirements of 25 mg/L and 30 mg/L. The average daily flow was 8.70 million gallons a day with 449,000 gallons of sludge hauled. The monthly average geometric mean for coliform was met as well as for chlorine residual.

It should also be reported that a new sodium bisulfite pump has been installed and is operational and that new bar screens have also been installed.

3. With regard to the collection system, there were 25 customer reports in June with 8,900 linear feet of sewer main was cleaned, 30 catch basins cleaned and 40 cubic yards of debris removed.

It was also noted that an intense storm consisting of inches per hour caused some flooding in Hoboken none of which appeared to go over the curb line and all of which subsided shortly after the rain fall ceased.

It's also reported that a brace on the West New York outfall pipe had given way causing a sag and the leak and it is scheduled to be repaired as soon as bids are received and evaluated.

Otherwise, all pumps, lines and regulators are working as designed.

With regard to Sandy recovery, we are currently waiting on PSE&G to replace the transformers in the electrical vault in the solids building. All six transformers were deemed to be old and in need of replacement. PSE&G has installed three of the new transformers and we are awaiting installation of the final three by the end of the month. It appears that the project will be finally be closed out in October.

With regard to pipe gallery flood proof doors, several shop drawings were submitted and returned this month with a new construction schedule showing mobilization on the site and substantial completion by August 31, 2018.

Commissioner Soares asked some questions regarding bio swails on intersections in Hoboken as to whether they can be maintained by the Authority. Dr. Wolff replied that the Authority is cooperating with the City with regard to these issues and that presently the Authority will take care of the underground portion and pumping out the same but that the above ground portion remains the responsibility of the City.

At approximately 7:00 p.m. it was unanimously resolved to adjourn the meeting.