

**RESOLUTION AUTHORIZING MEETING MINUTES OF OCTOBER 16, 2014**

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**MOTIONED BY:** Wiley

**SECONDED BY:** Marotta

**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 16, 2014; 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 16, 2014 for the record.

**DATED: NOVEMBER 13, 2014**

**RECORD OF COMMISSIONERS' VOTE**

	YES	NO	ABSTAIN
Commissioner Assadourian	x		
Commissioner Kappock	x		
Commissioner Marotta	x		
Commissioner Raia	x		
Commissioner Soares	x		
Commissioner Velazquez			X
Commissioner Wiley	x		
Commissioner Zucconi	x		

**THIS IS TO CERTIFY THAT THIS RESOLUTION WAS DULY ADOPTED BY THE NORTH HUDSON BOARD OF COMMISSIONERS ON NOVEMBER 13, 2014.**

  
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**SECRETARY**

# **NORTH HUDSON SEWERAGE AUTHORITY**

## **MINUTES OF REGULAR MEETING**

**OCTOBER 16, 2014**

At approximately 6:30 p.m., Chairman Frank Raia called the meeting to Order. Counsel Covello advised that this was a regular meeting of the Authority, and that pursuant to the Open Public Meetings Act, notice of the same had been sent to the Jersey Journal, Star Ledger, the Clerks of Hoboken, Union City, Weehawken and West New York and the Hudson County Clerk, with a copy thereof posted on the Authority's bulletin board. In addition to Chairman Raia, Commissioners Assadourian, Schroeder, Marotta, Wiley, Kappock and Soares were in attendance at the start of the meeting. Commissioner Zucconi arrived at 6:34 P.M.

Chairman Raia called for the reports.

### **CH2M HILL.**

Don Conger reported as follows:

Regarding the Park Avenue Siphon Rehabilitation and 11th Street Siphon Condition Assessment Project, the bid opening was scheduled for September 5, 2014, but there were no bidders. The project was re-advertised for bids on September 19, and bids were due on October 7, 2014. Several contractors picked up construction documents after the re-advertisement, and there was a request to extend the bid date. CH2M HILL prepared Addendum No. 1 to extend the bid date to October 23, 2014; the addendum was approved by the NJDEP and transmitted to all plan holders.

With regard to the Adams Street Phase I PURAC Upgrades - Instrumentation and Controls Design; CH2M HILL submitted the 60% contract drawings and technical specifications for the PURAC Instrumentation and Controls Project. The 90% plans will be ready in November. A review meeting with NHSA was held on September 15 and 16, 2014 to the review comments on the design. Following their review meeting, CH2M HILL began work on the 90% design drawings and technical specifications. They are on schedule to submit the 90% construction documents.

Regarding the GIS Collection System Mapping; CH2M HILL continued work on the GIS collection system mapping project. Three (3) field technicians were hired and are working full-time on the project. All of the GPS equipment has been acquired and field staff have been trained on its use. CH2MHILL began locating outfalls and manholes and is near completion of the 10% project test area.

Regarding the W1234 Outfall Design; CH2M HILL continued to coordinate with the Authority's attorney to finalize the necessary easements. CH2M HILL continues to coordinate with NJDEP, NJ Transit, Port Authority, and other property owners on the outfall construction project. The Treatment Works Approval was issued by the NJDEP on September 17, 2014. CH2M HILL is

coordinating with the NJDEP on their questions related to the applications for the modification to the Waterfront Development Permit. The next step will be to advertise this.

Regarding the W1234 Solids/Floatable Facility Final Design; CH2M HILL is continuing to develop the final design of the W1234 Solids/Floatables Facility in the Hudson River. The Treatment Works Approval was approved by NJDEP on September 5, 2014. CH2M HILL is coordinating with the NJDEP on their questions related to the application for a Waterfront Development permit. CH2M HILL received comments/questions from the US Army Corps of Engineers on September 30, 2014 in regards to the 404b permit application; we are preparing a response.

With regard to the H5 Wet Weather Pump Station Project; CH2M HILL is continuing to develop the final design of the H5 Wet Weather Pump Station in its new location on 11th Street and continues to respond to questions from the NJDEP on the project. CH2M HILL submitted the modification package for the Treatment Works Approval on September 19, 2014. CH2M HILL is working on the air permit for the natural gas emergency generator. CH2M HILL is coordinating with the Authority's attorney on easements for the project.

### **HATCH MOTT MACDONALD.**

Kevin Wynn reported as follows:

They continue to support the Authority's efforts to recover from Hurricane Sandy. Most notably of these projects is the cleaning of the sewer lines beneath Observer Highway that were filled with debris as the result of Hurricane Sandy. This project is now complete.

Commissioner Zucconi arrived at the meeting at 6:34 p.m. during this report.

Regarding the Jackson Street and Newark Street Combined Sewer Rehabilitation Hoboken Combined Wood Sewer Rehabilitation, the Contractor mobilized to the site on August 4, 2014 and the work should be completed during by October 17, 2014.

Regarding the West New York leak detection program, Hatch Mott is coordinating with United Water to eliminate water main leaks in West New York in an effort to reduce extraneous flows to the River Road Wastewater Treatment Plant. A meeting took place on October 15, 2014.

One bid was received for the Combined Sewer Regulator Upgrades and Improvements on August 20, 2014 and the NJEIT is currently reviewing the award of the project.

Finally, there are three projects for the capital improvement program for next year. These projects get submitted in October. These projects are for the Hamilton Avenue rehabilitation, phase 2 of the PURAC upgrades and the rehabilitation of the regulators (W1, W2 and W3) in Weehawken.

## **GREELEY & HANSEN.**

Clifford Pomerantz reported as follows:

With regard to the River Road and Adams Street Wastewater Treatment Plant improvements, development of the 100% design drawings continue. A site visit was conducted to resolve punchlist items and they are coordinating with PSE&G for the Adams Street reconfiguration.

## **OMI.**

Don Conger of OMI reported that the Adams Street facility removal percentages of 91% and 94% of BOD and TSS had been attained with effluent concentrations of 17 mg/L and 13 mg/L respectively. Average daily flow was 11.26 mg/d, daily average BOD loading was 14,045 lbs/day, and 448,000 gallons of sludge was hauled. The monthly geometric mean for fecal coliform was 32 CFU with a permit limit of 200 CFU, and a high weekly geometric mean average of 112 CFU with a permit limit of 400 CFU.

With respect to the River Road facility achieved removal percentages of 87% of CBOD and TSS, with effluent concentration amounts of 22 mg/L and 18 mg/L respectively. Average daily flow was 7.87 mg/d, daily average BOD loading was 12,102 lbs/day, and 360,000 gallons of sludge was hauled. There was one exception to the NJDEP permit parameters to be reported for September 2014. The maximum 7-day geometric mean average value was 504 CFU, above the permit allowable 400 CFU. The monthly geometric mean average for Fecal Coliform was 62 CFU, with a limit of 200 CFU. The monthly average for chlorine residual was 0.01 mg/L, with a limit of 0.10 mg/L. The maximum instantaneous value was 0.04 mg/L, with a limit of 0.13 mg/L.

Regarding Sandy Recovery projects, Mr. Conger highlighted that the PURAC Recycle Pumps No. 1, 3, 5, and 6 have been repaired and are back in service. Pumps No. 2 and 4 have been repaired and are scheduled for startup and performance testing in October. Electrical conductor replacements are ongoing between the pumps the motor control center. This project has been delayed as a result of unforeseen electrical installation issues. CH2M HILL is working with the Contractor to coordinate a combination of mid-day and overnight shutdowns to complete the remaining electrical work.

PURAC Backwash Supply Pumps No. 1 and No. 2 have been repaired and are back in service. Pump No. 3 is scheduled for removal and rebuild in October. Electrical conductor replacements are ongoing between the pumps the motor control center. This project has been delayed as a result of unforeseen electrical installation issues.

Finally, OMI included a monthly maintenance report.

Chairman Raia called for consideration of the consent agenda. Executive Director Richard

Wolff explained each of the Resolutions:

Resolution 14-108 Authorizing Meeting Minutes of September 18, 2014. Commissioner Assadourian asked that the minutes be amended to reflect that he arrived at the meeting at 6:30 p.m.

Resolution 14-109 Payment of Bills. Payments from the Operating Fund total \$1,093,940.36, payments from the Capital Fund \$926,943.99, payments of Emergency Expenditures \$729,223.61 and Connection Reviews total \$ 2,389.77.

Resolution 14-110 Directing Work to Cliffside Paving under the Biennial Miscellaneous Repair Contract. The October Projects consists of eight repairs in Hoboken, three repairs in Union City, two repairs in Weehawken and three repairs in West New York. Construction costs for the sixteen repairs is estimated to \$79,000.00 and repairs should be completed in three weeks.

Resolution 14-111 Authorizing Advertising and Bid of Contracts for Improvements to the Waste Water Sewerage System. The Facilities Review Board recommends that the Authority advertise for bids on the following projects: Replacement of the electrical switch gear and automatic transfer switches at both the River Road and Adams Street Wastewater Treatment Plants in the amount of \$2,300,000; Replacement of instrumentation and controls of the Secondary Treatment Process (PURAC) at the Adams Street Wastewater Treatment Plant in the amount of \$2,100,000; and Construction of H5 Wet Weather Pump Station near the intersection of Frank Sinatra Drive and 11th Street in the amount of \$8,500,000.

Resolution 14-112 Directing Work to CH2M HILL for Engineering Services During Construction for H5 Wet Weather Pump Station Project. CH2M HILL is the design engineer for the H5 Wet Weather Pump Station project. The work will be completed in 11th Street between Sinatra Drive North and Hudson Street. The construction work includes a below grade pump station, transition vault connection to the existing outfall, electrical vault with ancillary equipment, and above grade emergency generator. CH2MHILL will provide engineering services during construction for the project for a contract price not to exceed \$750,000. This was recommended by the Facilities Review Board.

Resolution 14-113 Directing Work to Greeley & Hansen for Engineering Services During Construction for PURAC System Improvements. This is approving a contract for Greeley and Hansen to provide services during construction for the PURAC System Rehabilitation, Phase 1 Instrumentation and Controls. Having recently completed the 90% phase of the design for this project, Greeley and Hansen's engineers have a thorough understanding of the existing and proposed conditions of the electrical systems at both the River Road and Adams Street WWTPs. The compensation under this contract is not to exceed \$170,658.03. The Facilities Review Board recommends approval of this contract.

Resolution 14-114 Directing Work to Greeley & Hansen for Engineering Services During Construction for Electrical Switch Gear Improvements. The contract is to provide engineering services for various capital projects required throughout its service area that must be performed in

order to maximize the performance of its waste water treatment facility, the capacity of its combined sewer system and/or to comply with its New Jersey Pollution Discharge Elimination System (NJPDES) permit. The contract price is not to exceed \$153,365.69 for these services. The contract is recommended for approval by the Facilities Review Board.

Resolution 14-115 Directing Work to CH2M HILL for Engineering Design of a Storm Water Management Model for the H8 Storm Water Drainage Area. to provide engineering services for various capital projects required throughout its service area that must be performed in order to maximize the performance of its waste water treatment facility, the capacity of its combined sewer system and/or to comply with its New Jersey Pollution Discharge Elimination System (NJPDES) permit. The compensation is not to exceed \$14,000 under this contract. The contract is recommended for approval by the Facilities Review Board.

Resolution 14-116 Rescinds the Resolution adopted at the last meeting (14-103) which awarded a contract to Waterware Corporation for the Rehabilitation and Upgrade of the Combined Sewer Regulators Project which included a \$50,000 price reduction from the bid amount. The state has not approved the price reduction and therefore we must award the contract at the original bid price in order for us to move forward with the project. This resolution authorizes the contract to Waterware at the original bid price of \$1,492,784.

Chairman Raia then called for consideration of the Consent Agenda. Upon a motion by Commissioner Schroeder, seconded by Commissioner Wiley, Consent Agenda Resolutions 14-108, 14-109, 14-110, 14-111, 14-113, 14-114, 14-115 and 14-116 were adopted with a vote of 8 in favor, 0 opposed.

Chairman Raia called for new business. Executive Director Wolff stated that new business relates to H5 Pump Station. The Authority must obtain an easement from the Toll Bros/Maxwell Condo Association for the portion of 11<sup>th</sup> Street where the project will be constructed. This property is not owned by the City. We are in discussions with these entities, and these discussions are not going as smoothly as we had originally anticipated. As a result, we are preparing to move forward with eminent domain proceedings as an alternative. This will result in a delay for the project.

Chairman Raia then called for public comment. Seeing no public comment, upon a motion by Commissioner Marotta, seconded by Commissioner Kappock the meeting was adjourned at 6:55 p.m. with a vote of 8 in favor 0 opposed.