

**RESOLUTION AUTHORIZING SEWER CONNECTION APPLICATION#23032001
MIDDLE SCHOOL, 36th, 37th, & 38th St. Union City UNION CITY, NJ**

MOTIONED BY: Friedrich
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, the Authority has received a request, application #23032001 from New Jersey Schools Development Authority, Trenton, New Jersey 08625 for the purpose of approving their application for a sewer connection of an estimated 23,400 gallons per day to the North Hudson system associated with their development of a middle school containing 936 students to be located at Block 218, Lots 15-17 and 44-45; Block 219, Lot 22-24 and 35-37, Union City, New Jersey; and

NOW, THEREFORE, BE IT RESOLVED that the Authority hereby certifies that the committed flow to the Adams Street WWTP does not exceed the presently permitted design capacity, nor will the addition of flow proposed by this application cause the permitted design capacity to be exceeded.

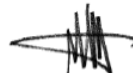
BE IT FURTHER RESOLVED that, upon Applicant's satisfaction of the necessary conditions as specified herein above, the Authority Engineer is authorized to approve the necessary Certification as required by the NJDEP to grant a Sewer Connection approval for a total additional flow of approximately 23,400 gallons per day.

DATED: SEPTEMBER 21, 2023

RECORD OF COMMISSIONERS' VOTE

	YES	NO	ABSENT
Commissioner Kappock			x
Commissioner Marotta	x		
Commissioner Gardiner	x		
Commissioner Friedrich	x		
Commissioner Guzman	x		
Commissioner Velazquez	x		
Commissioner Barrera	x		
Commissioner Zucconi	x		
Commissioner Assadourian	x		

THIS IS TO CERTIFY THAT THIS RESOLUTION WAS DULY ADOPTED BY THE NORTH HUDSON BOARD OF COMMISSIONERS ON SEPTEMBER 21, 2023.



SECRETARY



New Jersey Schools Development Authority
Mr. Ed Martoglio
32 East Front Street
Trenton, NJ 08625

Your Reference:
Application 23032001

Our Reference:
Project 101715-001/SC148

**New Grade 7-9 School for Union City Public Schools
36th, 37th, & 38th Street, Union City
Block 218, Lots 15-17 and 44-45; Block 219, Lots 22-24 and 35-37
Status: Conditional Approval Recommendation
Application: Sewer Connection and Stormwater Detention Review**

111 Wood Avenue South
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United States of America

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mottmac.com/americas

September 12, 2023

Dear Mr. Martoglio:

Mott MacDonald has received the following documents for review regarding the above referenced project.

- One (1) copy of the NHSA Sewer Connection Application Form, signed and sealed by Matthew Neuls, P.E.
- One (1) copy of the Stormwater Management and Engineer's Report for a New Grade 7 through 9 School in Union City, Hudson County, New Jersey, signed and sealed by Matthew J. Neuls, P.E., dated January 2023.
- One (1) set of Engineering Drawings titled "Union City - New Grade 7 through 9 School" for 720 8th Street, Block 42, Lot 9 Union City, Hudson County, New Jersey, consisting of a total of 17 sheets, 13 of which are signed and sealed by Matthew J. Neuls, P.E. dated November 1, 2022 and last revised August 2, 2023.
- Operation and Maintenance Plan for the ADS Stormwater Detention System located under a proposed school athletic field, dated November 2022.
- TWA and WQM-006 Forms, prepared for signature by the NHSA for submission to the NJDEP.

Mott MacDonald has reviewed the project documents and summarizes the relevant features as follows:

- This project includes 53,401 SF, 1.23 acres, located at 36th, 37th, & 38th Street, Block 218, Lots 15-17 and 44-45 and Block 219, Lots 22-24 and 35-37, Union City, NJ. The proposed project includes the construction of a six-story middle school for approximately 936 students and an outdoor physical education area. The estimated sanitary flow is 23,400 gallons per day (gpd).



- This applicant is a Class A User that discharges to the NHTA combined sewer system within the W1 drainage basin and then flows to the Adams Street Wastewater Treatment Plant.
- The project includes two proposed sanitary sewer connections. One proposed sanitary sewer connection consists of 4-inch PVC pipe extending from the new building, passing through a 500-gallon grease interceptor, and discharging to the North Hudson Sewerage Authority (NHTA) 15-inch vitrified clay pipe (VCP) combined sewer within 37th Street. The second proposed sanitary sewer connection consists of 6-inch PVC extending from the new building and discharging into a proposed doghouse manhole within the NHTA 15-inch VCP combined sewer within 37th Street.
- The proposed stormwater management system consists of one hundred twenty-seven (127) ADS StormTech® SC-740 chambers. The stormwater system discharges into a single downstream outlet control structure (OCS) prior to discharge to the NHTA combined sewer system within 38th Street. The OCS shall be controlled by OPTI Communications through automated control valve. Based on ADS stormwater technical specifications, the total storage capacity per SC-740 chamber is 560 gallons. The total storage within 127 chambers controlled by the OCS is 71,157 gallons.
- One street catch basin in 37th Street discharging directly to the proposed detention piping is included in the proposed stormwater management system. Drainage includes use of the Contech CDS-4 Swirl Separator between the catch basin and the stormwater management system.
- The owner shall be responsible for the Operation and Maintenance of the stormwater management system.

The submitted documents were reviewed for compliance with NHTA sewer connection criteria. For final approval, an access agreement for the maintenance and inspection of the stormwater control system with the Authority is required. The Agreement shall be signed by both parties, and recorded with the Hudson County Registrar of Deeds. The responsibility to maintain and operate all portions of the proposed stormwater management system must be included in the agreement.

In order for Union City School Board to proceed with the project and obtain TWA approvals, a conditional approval is recommended. The above requirements for easements will be required for final approval.

Please contact me should you have any questions.

Very truly yours,

Mott MacDonald

A handwritten signature in blue ink, appearing to read 'Kevin P. Wynn'.

Kevin P. Wynn, PE
Principal Project Manager
T +1973-912-2537 F +1973-912-2455
kevin.wynn@mottmac.com

cc: Fredric J. Pocci, P.E., NHTA
Donald J. Conger III, NHTA
Phillip Reeve, Jacobs
Doris Alejandro, Jacobs
Karen Karvazy, P.E., Mott MacDonald



NORTH HUDSON SEWERAGE AUTHORITY

INVOICE

1600 ADAMS STREET
 HOBOKEN, NJ 07030
 201-963-6043

New Jersey Schools Development Authority
 32 East Front Street
 Trenton, New Jersey 08625
 Attention:

APPLICATION NUMBER 23032001
 INVOICE DATE September 14, 2023

GALLONS	DESCRIPTION	GPD	AMOUNT
23,400	GPD Project: Union City Middle School - 936 Students Project Address: 36th, 37th, 38th Streets, UC Application fee Connection fee Rate: \$11,898.00 Surcharge fee Rate: \$0.04 Review/Inspection fees Rate: \$0.10 *min \$2500 Additional review fees TOTAL PROJECT FEES: Payments received: Check # 64881 received on 3/20/23 TOTAL PAYMENTS:		\$ 500.00 23,400 23,400 \$ 936.00 \$ 2,500.00 \$ 1,000.00 \$ 4,936.00 \$ 3,000.00 \$ 3,000.00
Connection fee calculation: GPD/300 x Rate			
Surcharge fee calculation: GPD x Rate			
Review/Inspection fees: GPD x Rate min \$2500		Total	\$ 1,936.00

*Connection fee waived.

MAKE ALL CHECKS PAYABLE TO:
 NHSA

1600 Adams Street
 Hoboken, NJ 07030

PAY THIS
 AMOUNT



NHSA Sewer Connection Application Form

1600 Adams St.
Hoboken, NJ 07030
201/963-3907
nhudsonsa.com

SITE Address _____

Date of Application _____

Commissioners:

Brian H. Kappock
Chairman

Edward Friedrich
Kurt Gardiner
Libero D. Marotta
Joseph E. Roque
Myrli T. Sanchez
Anthony J. Soares
Alejandro Velazquez
Erika White

1. General Information

a. Applicant/Owner

Name: _____

(If LLC, provide owner contact name on first line and LLC name on second line and attach LLC operating agreement)

Telephone: _____

Email: _____

Permanent Legal Address: _____

b. Location of Activity

Name of Facility/Site: _____

Street Address/Location: _____

Lot and Block Number(s): _____

c. New Jersey Licensed Professional Engineer / Architect

Name: _____ NJ License No. _____

Name of Firm: _____

Address of Firm: _____

Email: _____

Telephone Number: _____

2. Permit Application

a. Permit Type:

_____ NHTSA Combined Sewer Connection

_____ Dewatering Discharge

b. Project Description (Brief Description of the Proposed Project and Intended Use)

c. NHTSA Drainage Area

Identify the NHTSA drainage area based on the Sewer Atlas. The legend identifies the drainage area boundary line type. The sewer atlas files may be found on the NHTSA website (<http://www.nhudsonsa.com/sewer/sewer.html>):

c1. Drainage Area (eg. H1, H2, WNY1) _____

c2. Location of sewer connection discharges to:

_____ Adams Street WWTP

_____ River Road WWTP

_____ Passaic Valley Sewerage Authority

3. Design Basis

- a. Number of proposed physical house connections to the NHSA sewer _____
- b. Size and Material of all proposed house connections _____
- c. Size of Lot (square feet) _____
- d. Description of Stormwater Detention System - Attach Stormwater Management Worksheet (<http://www.nhudsonsa.com/sewer/sewer.html>).
- e. Attach velocity estimates for each proposed house connection.
- a. Number of proposed physical house connections to the NHSA sewer
- f. Is there a pump required for the proposed system? Yes / **No**
 Attach pump selection, design TDH and design flow.

4. Sanitary Flow Discharge Estimates

NHSA Sewer Connection Fees are based on projected flows (N.J.A.C 7:14 A.23). Attach additional lines as necessary. Projected flow rates are considered for establishment of the connection fee to the NHSA Combined sewer system. Applicants shall provide documentation of tenants confirmed for all commercial units.

Establishment Type	Number of Units	Gallons per Day / Unit	Total Projected Flow
Total			

5. Property Sewer Connection History

Historic Sewer Connection information is collected for the connection fee determination in compliance with NJSA 40:14A-8a(a) and 40:14A-8.5(a).

- 5.a Is there a previous or existing connection to the NHSA combined sewer system located at this subject property? Yes No

NHSA Account Number (if applicable): _____

- 5.b Quantify Existing Flows and Provide documentation of the approved sewer connection.

Existing Approved Sewer Discharge? _____

Attach documentation of previous sewer connection approval, if applicable.

Attach documentation of existing size and number of units to determine basis of existing flows.

- 5.c Is the property currently disconnected connection that has been physically disconnected from the NHSA combined sewer System? Yes No

If Yes, provide documentation to support the following:

Date of Disconnection*: _____

Attach documentation of NHSA Termination of Sewer Service.

6. Property Owner's Certification

I hereby certify that _____ owns the property identified in this application. As owner, I grant permission for the activity to be permitted under this application and authorize The North Hudson Sewerage Authority to conduct on-site inspections, if necessary. If the construction activity will take place in an easement, I certify that with this application, I have obtained all necessary permission from the property owners prior to initiation of construction.

Property Owner _____

Property Owner Signature _____

Date _____

7. Applicant/Owner's Agent (optional)

I _____ (applicant/owner name) authorize to act as my agent/representative in all matters pertaining to my application the following person:

Name _____

Address _____

Telephone _____ Email _____

Signature of Agent _____ Date _____

Signature of Owner _____ Date _____

8. Engineer of Record Certification

I hereby certify that modifications to the Engineering Plans and documents of Record will be reviewed by the North Hudson Sewerage Authority.

Owner's Engineer _____

Engineer's Signature _____

Date _____

Engineer Seal