Copy 8/12/13 cc: Admin DPW Gene B.

CHRIS CHRISTIE
GOVERNOR

KIM GUADAGNO
LT. GOVERNOR

State of New Jersey
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Mail Code 401-03
Division of Water Supply & Geoscience
Water System Operations Element
Bureau of Water System Engineering
401 E. State Street - P.O. Box 420
Trenton, New Jersey 08625-0420
Tel #: (609) 292-2957 - Fax #: (609) 633-1495
http://www.nj.gov/dep/watersupply/

BOB MARTIN
Commissioner

AUG 1 2 2013

August 6, 2013

Mount Olive Township Water Department
204 Flanders-Drakestown Road
P O Box 450
Mount Olive, NJ 07828

Dear Water Purveyor:

Enclosed is a simplified water main extension permit dated August 6, 2013 issued to you pursuant to the New Jersey Safe Drinking Water Act, N.J.S.A. 58:12A, and in consideration of your application dated May 16, 2013 and signed by Sean Canning, Township Administrator.

Your permit is for:

- Construction of 780 L.F. of 6 and 8 inch DIP water main extension to serve Siemens Healthcare Diagnostics, Inc., a proposed commercial building with 65,096 S.F. of office space, 36,179 S.F. of warehouse space, and 61,596 S.F. of light manufacturing space; located in Mount Olive Township (262 Flanders-Bartley Road, Block # 5400, Lot # 25 and 26), County of Morris, New Jersey; and
- The distribution of water for potable purposes from said works.

Your attention is directed to both the **specific and general** conditions **specifically conditions # 6, 8, 10, 11, and 12** of the aforementioned permit. Enclosed with this permit is the Construction Completion Certification (CCC). The CCC **must** be submitted as required by the Submittal Action Requirements in the attached permit conditions. If the facility is not completed within the specified time allotment, an "Extension of Time" shall be requested at least ninety (90) days prior to the permit expiration date to allow for review and approval. No extension of time will be granted to an expired permit. Should you have any questions about this permit, please contact Syed Rizvi at (609) 292-2957. When contacting the Department regarding this permit, please reference the Permit No. and PWSID No. provided herein.

Sincerely,

Steven Pudney, C. Eng. MICE
Section Chief, Engineering North
Bureau of Water System Engineering

PWSID NO.: NJ1427005
WCP130002
Enclosures

cc: Peter Kozen, P.E., Korzen Engineering, LLC
Mayor and Council of Mount Olive Township
Syed Rizvi, BWSE

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Commissioner

PERMIT*

The New Jersey Department of Environmental Protection grants this permit in accordance with your application, attachments accompanying same application, and applicable laws and regulations. This permit is also subject to further conditions and stipulations enumerated in the supporting documents which are agreed to by the permittee upon acceptance of the permit.

Permit No.	Issuance Date	Effective Date	Expiration Date
WCP130002 PWSID No. 1427005	August 6, 2013	Issuance Date	See General Condition No. 9

Name and Address of Applicant	Location of Activity/Facility:	
Mount Olive Township Water Department 204 Flanders-Drakestown Road P O Box 450 Mount Olive, NJ 07828	262 Flanders-Bartley Road Block # 5400, Lot # 25 and 26 Mount Olive Township, Morris County	
	Type of Permit Potable Water Supply	**Statute(s):** N.J.S.A. 58:12A-1.1 et seq.

This permit grants permission to:

1. Construct 780 L.F. of 6 and 8 inch DIP water main extension to serve Siemens Healthcare Diagnostics, Inc., a proposed commercial building with 65,096 S.F. of office space, 36,179 S.F. of warehouse space, and 61,596 S.F. of light manufacturing space;
2. Operate the facilities approved by this permit and distribute water for potable purposes from said works.

According to Simplified Water Main Extension Certification Form:
Dated May 9, 2013, prepared by Korzen Engineering, LLC, received July 10, 2013;

According to Plans entitled:

	Date	Prepared By
Site Plan Siemens Healthcare Diagnostics, 62 Flanders-Bartley Road, Tax Block 5400, Lot 25 and 26, Township of Mount Olive, Morris County	05/28/2013	Korzen Engineering, LLC

Additional information: 7/10/2013 and 7/22/2013

This permit is subject to <u>specific and general conditions</u> contained in the following page(s):
Continued on Requirements Page -- 1 of 2

Approved by the authority of:

Bob Martin
Commissioner
Department of Environmental Protection

Steven Pudney, C. Eng. MICE
Section Chief, Engineering North

The word permit means approval, certification, registration, etc.

MOUNT OLIVE TWP W D MAIN
1427005

SDW Construction Permit : WCP130002

Permit Requirements

Submittal/Action Requirements

Applicable Subject Items	Submittal/Action Type	Requirement
Water Main Extension to serve Siemens Healthcare Diagnostics, Inc. (WSYT1034791)	Completed construction certification report	Within thirty days of completion of the approved facilities the permittee/engineer shall notify the Bureau of Water System Engineering of the completion date and certify that the facilities were constructed in accordance with the approved plans and specifications by returning the enclosed Construction Completion Certification. Submission shall be no later than 30 days after expiry of permit. [N.J.A.C. 7:10-11]

Text Requirements

All Phases

Water Main Extension to serve Siemens Healthcare Diagnostics, Inc. (WSYT1034791)

1. DISTRIBUTION SYSTEM PERMIT SPECIFIC CONDITIONS.
2. The permittee is advised that the peak daily demand associated with this approval is 0.028 MGD. A peaking factor of 1.5 to the average day demand for the project was applied instead of a peaking factor of 3.0 due to the reason that the project shall be constructed in accordance with LEED Silver Standards and no irrigation with potable water shall be allowed. [N.J.A.C. 7:10-11]
3. The permittee is advised that the Department has not included the unusual demand data from January 1 through April 30, 2013 because the Department is imposing water system operational requirements specified in conditions # 6, 8, 10, 11, and 12. [N.J.A.C. 7:10-11]
4. The permittee is advised that with this approval and previously approved water main extensions, the projected peak daily demand for this water supply will be 1.070 MGD versus a current Firm Source/Treatment Capacity of 1.116 MGD considering the peak water demand for the system is 27.516 MGM recorded in May 2009. [N.J.A.C. 7:10-11]
5. The permittee is advised that the total water available from diversion privileges as set by Water Allocation Permit # 5103 is 55.0 MGM and 530 MGY. With this approval and previously approved water main extensions, the projected peak monthly and annual demands are 34.39 MGM and 376.5 MGY. [N.J.A.C. 7:10-11]
6. The permittee is required to submit annual water usage reports to the Bureau by January 31st. each year once the facility is occupied to demonstrate that the reduced peaking factor for the LEED Silver compliant development is realistically 150% of the average water demand. [N.J.A.C. 7:10-11]
7. This permit shall not be construed as an approval for any other future development(s) or service connections to be served by this water main extension. Separate permit applications are necessary for these development(s). [N.J.A.C. 7:10-11]
8. The permittee is required to design an Asset Management Plan for the system in accordance with the Department's guidance by January 31, 2014 and initiate implementation of the plan by May 30, 2014. [N.J.A.C. 7:10-11]
9. For this permit to remain valid, the facilities approved in this permit shall be constructed and placed into service within five years from the effective date of the permit. [N.J.A.C. 7:10-11]
10. The permittee is required to provide the Bureau with a report identifying locations for installing new or backup wells and/or identifying alternative water supply opportunities through long term bulk purchases from other water systems to improve Firm Capacity by January 31, 2014. The bulk purchase contract shall be finalized for Bureau review and/or the backup well installed by January 31, 2016. [N.J.A.C. 7:10-11]
11. In order to identify and remediate line breaks before they significantly impact water loss, the permittee is required to implement a leak detection program within three (3) months of issuance of this permit. The permittee shall submit the details of the program to the Bureau prior to implementation. [N.J.A.C. 7:10-11]

Text Requirements

All Phases

Water Main Extension to serve Siemens Healthcare Diagnostics, Inc. (WSYT1034791)

12. The permittee is required to investigate other potential causes for the high off-peak water demands for the system beyond the water main breaks and conduct a water loss audit in accordance with AWWA standards and submit the reports to the Bureau within six months of issuance of this permit. [N.J.A.C. 7:10-11]
13. PERMIT GENERAL CONDITIONS.
14. The permit is revocable, or subject to modification or change, at any time, when in the judgment of the New Jersey Department of Environmental Protection such revocation, modification or change shall be necessary. [N.J.A.C. 7:10-11]
15. The issuance of this permit shall not be deemed to affect in any way action by the New Jersey Department of Environmental Protection on any future application. [N.J.A.C. 7:10-11]
16. The works, facilities and/or activities shown by plans and/or other engineering data, which are this day approved, subject to the conditions herewith established, shall be constructed and/or executed in conformity with such plans and/or engineering data and said conditions. [N.J.A.C. 7:10-11]
17. No change in plans or specifications shall be made without prior written permission from the Bureau of Water System Engineering. Modification requests shall be submitted on the applicable form available at www.state.nj.us/dep/watersupply/dws_const.html. [N.J.A.C. 7:10-11]
18. The granting of this permit shall not be construed in any way to affect the title or ownership of property, and shall not make the New Jersey Department of Environmental Protection or the State a party in any suit or question of ownership of property. [N.J.A.C. 7:10-11]
19. This permit does not waive the obtaining of Federal or other State or Local Government consent when necessary. This permit is not valid and no work shall be undertaken until such time as all other required approvals and permits have been obtained. [N.J.A.C. 7:10-11]
20. A copy of this permit shall be kept at the work site, and shall be exhibited upon the request of Department personnel. [N.J.A.C. 7:10-11]
21. In the examination of plans and/or other engineering data, the New Jersey Department of Environmental Protection does not examine the structural features of the design, such as thickness of concrete or its reinforcement, the efficiency of any electrical or mechanical equipment or apparatus, and the approval herewith given does not include these features. [N.J.A.C. 7:10-11]
22. Water distribution by said works shall at all times meet the applicable standards for quality. Additional units for the derivation, treatment and for distribution of the water shall be established if and when required by the New Jersey Department of Environmental Protection. [N.J.A.C. 7:10-11]
23. The operations of the public water facility shall be under the supervision of an operator or operators who shall possess a valid license or licenses issued by the New Jersey Department of Environmental Protection, pursuant to the provisions of the Water Supply and Wastewater Operators' Licensing Act, N.J.S.A. 58:11-64 et seq. [N.J.A.C. 7:10-11]
24. The minimum required licensing classifications shall be W-1 and T-2 or equivalent in accordance with the Licensing of Water Supply and Wastewater Treatment System Operators, N.J.A.C. 7:10A-1.1 et seq. [N.J.A.C. 7:10-11]
25. The public water facilities shall be operated in such a manner so as to be in full compliance with the New Jersey Safe Drinking Water Act Rules at N.J.A.C. 7:10-1.1 et seq. and the Water Supply Allocation Rules at N.J.A.C. 7:19-1.1 et seq. [N.J.A.C. 7:10-11]
26. The public water facilities shall be operated in such a manner as to optimize the use of all available sources of water in order to achieve and maintain compliance with Water Allocation Permit # 5102. [N.J.A.C. 7:10-11]
27. As per N.J.A.C. 7:10-11.17, an applicant for a permit under this subchapter or any person, subject to the limitation on third party appeal rights set forth in P.L. 1993, c.359 (N.J.S.A. 52:4B-3.1 through 3.3), who believes himself or herself to be aggrieved with respect to any decision made by the Department regarding such permit application submitted pursuant to this subchapter, may contest the decision and request an adjudicatory hearing pursuant to the Administrative Procedure Act, N.J.S.A. 52:14B-1 et seq., and the Uniform Administrative Procedure Rules, N.J.A.C. 1:1 within 20 calendar days of the receipt of the permit decision. Filing details and the required form to be submitted are available at www.state.nj.us/dep/watersupply/dws_const.html. [N.J.A.C. 7:10-12]

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BOB MARTIN
Commissioner

CONSTRUCTION COMPLETION CERTIFICATION

Attention: Bureau of Water System Engineering
Engineering Northern Section

PERMIT NO.: WCP130002 **ISSUANCE DATE:** August 6, 2013

I (We) hereby certify that the following has been built and placed into service* and was completed in accordance with the approved plans, specifications, and other supporting information.

APPLICANT: Mount Olive Township Water Department

PWSID: NJ1427005

PROJECT DESCRIPTION: 780 L.F. of 6 and 8 inch DIP water main extension from Flanders - Bartley Road to serve Siemens Healthcare Diagnostics, Inc., a proposed commercial building with 65,096 S.F. of office space, 36,179 S.F. of warehouse space, and 61,596 S.F. of light manufacturing space.

MUNICIPALITY: Mount Olive Township

COUNTY: Morris

COMPLETION DATE: _____

DATE FACILITIES WERE PLACED INTO SERVICE *: _____

_____
Signature of Engineer & Embossed Seal

_____
Name of Engineer / New Jersey License Number

_____
Date

* Placed into service means that the water mains or other permitted infrastructure changes are actually delivering water to all consumers approved by the permit, except to the extent that the remaining number of realty improvements not being served is below the threshold for needing a permit, i.e. less than 30 realty improvements or 12,000 GPD of non-residential demand.

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