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cc: Adam  
Dew  
Health

# 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

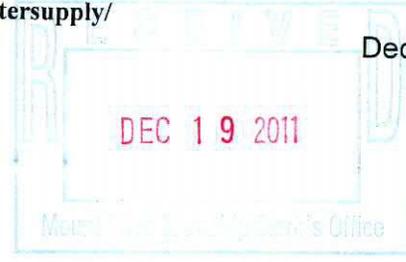
<http://www.nj.gov/dep/watersupply/>

BOB MARTIN  
Commissioner

CHRIS CHRISTIE  
GOVERNOR

KIM GUADAGNO  
LT. GOVERNOR

December 9, 2011



Stanhope Water Department  
P.O. Box 356  
Stanhope, NJ 07874

Dear Water Purveyor:

Enclosed is a construction permit dated December 9, 2011 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 September 28, 2011 and signed by Brian McNeilly, Administrator.

Your permit is for:

- ◆ Modifications to the treatment systems at Well Nos. 2, 3, 4 and 5 consisting of replacing the existing Gas Chlorination Systems with new Calcium Hypochlorite Tablet Feed Systems; located in Stanhope Borough and Mount Olive Township (Musconetcong Avenue, Continental Drive and Plane Lane, Block # 106, 10703, 11301, Lot # 2, 2.01, 23.01), Counties of Sussex and 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 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 Manfred Amissah at (609) 292-2957. When contacting the Department regarding this permit, please reference the Permit No. and PWSID No. provided herein.

Sincerely,

*Diane E. Zalaskus*  
Diane E. Zalaskus, P.E., Bureau Chief  
Bureau of Water System Engineering

**PWSID NO.: NJ1919001**

**WCP110001**

Enclosures

cc: Leo Purcell Jr., Lee T. Purcell Associates  
Mayor and Council of Stanhope Borough  
Mayor and Council of Mount Olive Township  
Northern Bureau of Water Compliance and Enforcement  
Manfred Amissah, BWSE



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## 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.

<b>Permit No.</b> WCP110001	<b>Issuance Date</b>	<b>Effective Date</b>	<b>Expiration Date</b>
<b>PWSID No.</b> 1919001	December 9, 2011	Issuance Date	See General Condition No. 19
<b>Name and Address of Applicant</b>		<b>Location of Activity/Facility:</b>	
Stanhope Water Department P.O. Box 356 Stanhope, NJ 07874		Musconetcong Avenue, Block #10703 Lot # 2, Plane Lane, Block # 11303 Lot # 23.01 Stanhope Borough Sussex County and Continental Drive Block # 4 Lot # 2 Mount Olive Township, Morris County	
		<b>Type of Permit</b>	<b>Statute(s):</b>
		Potable Water Supply	N.J.S.A. 58:12A-1.1 et seq.

**This permit grants permission to:**

1. Construct Modification to the treatment systems at Well Nos. 2, 3, 4 and 5 consisting of replacing the existing Gas Chlorination Systems with new Calcium Hypochlorite Tablet Feed Systems;
2. Operate the facilities approved by this permit and distribute water for potable purposes from said works.

**According to an Engineer's Report entitled:**

	<u>Date</u>	<u>Prepared By</u>
Potable Water Disinfection Systems	09/01/2011	Lee T. Purcell Associates

**According to Plans entitled:**

	<u>Date</u>	<u>Prepared By</u>
New Tablet Chlorination System	08/01/2011	Lee T. Purcell Associates

**According to Specifications entitled:**

	<u>Date</u>	<u>Prepared By</u>
Tablet Chlorination Systems	09/01/2011	Lee T. Purcell Associates

**Additional information:** 10/28/2011, 11/1/2011, 11/15/2011 and 11/23/2011

**This permit is subject to specific and general conditions 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

*Diane E. Zalaskus*  
Diane E. Zalaskus, P.E., Bureau Chief

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

**STANHOPE W DEPT  
1919001**

**SDW Construction Permit : WCP110001**

**Permit Requirements**

**Submittal/Action Requirements**

Applicable Subject Items	Submittal/Action Type	Requirement
TP001001, WELL 2 TP (WSYG179091)	Completed construction certification report	Within thirty days of completion of the approved facilities the permittee/engineer shall notify the Department 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]
TP002004, WELL 5 TP (WSYG179092)		
TP003006, DYNAPAC TP (WSYG179093)		
WELL 4 TP (WSYG971909)		

**Text Requirements**

**All Phases**

TP001001, WELL 2 TP (WSYG179091)

1. TREATMENT PLANT SPECIFIC CONDITIONS.
2. The permittee shall prepare documented maintenance procedures and schedules for the treatment equipment, and maintain a documented record of the date and extent of maintenance that is carried out. These procedures and records shall be maintained on site and shall be made available for review upon the request of Department personnel. [N.J.A.C. 7:10-11]

TP002004, WELL 5 TP (WSYG179092)

3. TREATMENT PLANT SPECIFIC CONDITIONS.
4. The permittee shall prepare documented maintenance procedures and schedules for the treatment equipment, and maintain a documented record of the date and extent of maintenance that is carried out. These procedures and records shall be maintained on site and shall be made available for review upon the request of Department personnel. [N.J.A.C. 7:10-11]

STANHOPE W DEPT  
1919001

SDW Construction Permit : WCP110001

**Text Requirements**

**All Phases**

TP003006, DYNAPAC TP (WSYG179093)

5. TREATMENT PLANT SPECIFIC CONDITIONS.
6. The permittee shall prepare documented maintenance procedures and schedules for the treatment equipment, and maintain a documented record of the date and extent of maintenance that is carried out. These procedures and records shall be maintained on site and shall be made available for review upon the request of Department personnel. [N.J.A.C. 7:10-11]

WELL 4 TP (WSYG971909)

7. TREATMENT PLANT SPECIFIC CONDITIONS.
8. The permittee shall prepare documented maintenance procedures and schedules for the treatment equipment, and maintain a documented record of the date and extent of maintenance that is carried out. These procedures and records shall be maintained on site and shall be made available for review upon the request of Department personnel. [N.J.A.C. 7:10-11]
9. PERMIT GENERAL CONDITIONS APPLICABLE TO ALL WELLS. [N.J.A.C. 7:10-11]
10. 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]
11. 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]
12. 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]
13. No change in plans or specifications shall be made without prior written permission from the New Jersey Department of Environmental Protection. [N.J.A.C. 7:10-11]
14. 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]
15. 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]
16. 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]
17. 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]
18. 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]
19. 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]
20. 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]
21. The minimum required licensing classifications shall be W2 and T1 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]
22. 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 Management Act Rules at N.J.A.C. 7:19-1.1 et seq. [N.J.A.C. 7:10-11]

STANHOPE W DEPT  
1919001

SDW Construction Permit : WCP110001

**Text Requirements**

**All Phases**

WELL 4 TP (WSYG971909)

23. 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 Diversion Permit 5165. [N.J.A.C. 7:10-11]



State of New Jersey

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GOVERNOR

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CONSTRUCTION COMPLETION CERTIFICATION

Attention: Bureau of Water System Engineering  
Engineering North Section

PERMIT NO.: WCP110001

ISSUANCE DATE: December 9, 2011

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: Stanhope Water Department

PWSID: NJ1919001

PROJECT DESCRIPTION: Modification to the treatment systems at Well Nos. 2, 3, 4 and 5 consisting of replacing the existing Gas Chlorination Systems with new Calcium Hypochlorite Tablet Feed Systems.

MUNICIPALITY: Stanhope Borough and Mount Olive Township

COUNTY: Sussex and 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.