



**State of New Jersey**  
**DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
 Division of Water Supply - Bureau of Water System & Well Permitting  
 401 East State Street - P. O. Box 426, Trenton, New Jersey 08625-0426  
**Standard Application Form to Construct/Modify/Operate Public Water Works Facilities**  
**Or State Certification of 50 or more Realty Improvements**

1. Applicant/Owner \_\_\_\_\_  
 Permanent Legal Address \_\_\_\_\_  
 City/Town \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_  
 Telephone ( ) \_\_\_\_\_ Fax Number ( ) \_\_\_\_\_  
 Name of Public Water System \_\_\_\_\_  
 PWSID # \_\_\_\_\_ Public Water System e-mail address \_\_\_\_\_

2. This Application is for the approval of the following (check one or more as applicable):

<input type="checkbox"/> New Public Water System (or) <input type="checkbox"/> Modify an existing Public Water System		
New Source Water Supply	Treatment Plant	Distribution Modification
<input type="checkbox"/> Ground Water Source <input type="checkbox"/> Surface Water Source <input type="checkbox"/> Interconnection	<input type="checkbox"/> New Treatment Plant <input type="checkbox"/> Modify existing Treatment Plant	<input type="checkbox"/> Water Main Extension <input type="checkbox"/> Simplified Water Main Certification <input type="checkbox"/> Distribution Storage, Storage Tank <input type="checkbox"/> Pump Station, Booster Pump
<input type="checkbox"/> 50 or more Realty Improvements ( non-public wells)		

Brief description of the above:  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

3. Location of Work Site \_\_\_\_\_  
 Name of Facility, if applicable \_\_\_\_\_  
 Address (Street/Road) \_\_\_\_\_  
 Lot No. \_\_\_\_\_ Block No. \_\_\_\_\_  
 Municipality \_\_\_\_\_ County \_\_\_\_\_

4. New Jersey Licensed Professional Engineer responsible for the preparation of plans, specifications and engineer's report.  
 Name \_\_\_\_\_  
 Name of Firm, if employee \_\_\_\_\_  
 Address (street/road) \_\_\_\_\_  
 City/Town \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_  
 Telephone ( ) \_\_\_\_\_ Fax Number ( ) \_\_\_\_\_  
 e-mail address \_\_\_\_\_ Firm Web Site \_\_\_\_\_

**5. ESTIMATED CONSTRUCTION COST OF PROJECT AND APPLICABLE FEES**

- a. \$ \_\_\_\_\_ Total estimated construction cost of the project including land, legal and engineering.
- b. \$ \_\_\_\_\_ Cost of construction (Construction only of the proposed water system infrastructure).
- c. \$ \_\_\_\_\_ Fee is attached pursuant to N.J.A.C.7:10-15.3(a) through (e).

Fees are based on cost of construction for all projects **except Water Main** construction which is to be calculated as per N.J.A.C. 7:10-15.3 (d). An additional **\$1,000.00** is required for each new source of Water Supply (**Wells or surface**). A \$1,000.00 fee is required for state certification of 50 or more Realty Improvements on individual non-public wells.

**6. APPLICANTS CERTIFICATION**

I certify under penalty of law that the information provided in this document is true, accurate and complete. I am aware that there are significant civil and criminal penalties for submitting false, inaccurate or incomplete information.

\_\_\_\_\_  
Type: Name

\_\_\_\_\_  
Signature of Applicant/Owner

\_\_\_\_\_  
Type: Position

\_\_\_\_\_  
Date of Application

**7. PROPER CONSTRUCTION AND OPERATION CLAUSE**

I, \_\_\_\_\_ agree that the works will be properly constructed and operated in accordance with the engineering plans and specifications, as approved, and the conditions under which approval is granted by the State Department Environmental Protection.

(\_\_\_\_\_) initial here if appropriate. Portion(s) of this water main extension that is located on privately owned land shall not be owned, operated or maintained by this water utility.

\_\_\_\_\_  
Signature of Applicant/Operator of Water System

**8. STATEMENT OF PREPARER OF PLANS, SPECIFICATIONS, AND ENGINEER'S REPORT**

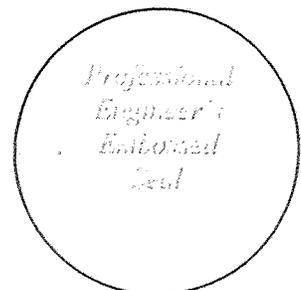
I hereby certify that the engineering plans, specifications and engineer's report applicable to this project comply with the current rules and regulations of the State Department of Environmental Protection with the exceptions as noted.

\_\_\_\_\_  
Type: Name of Engineer

\_\_\_\_\_  
Signature of Engineer

\_\_\_\_\_  
Type: Position, Name of Firm

\_\_\_\_\_  
N.J.P.E. License Number





PWS ID # \_\_\_\_\_

Pipe information:	Diameter (in)	Length (LF)	Material	YES	NO	N/A
	_____	_____	_____			
	_____	_____	_____			
	_____	_____	_____			
	Total Length (LF)	_____				

1. Does the system have adequate firm source capacity to meet the estimated new peak daily demand?  YES  NO  N/A
2. Are the water mains designed to maintain a minimum pressure of 20 pounds per square inch (psi) at street level under all flow conditions?  YES  NO  N/A
3. Is the minimum diameter of all distribution mains six inches for systems with an average daily demand less than one MGD and eight inches for larger systems?  YES  NO  N/A  
 If not, is justification provided by hydraulic analysis, taking into consideration future water usage?  YES  NO  N/A
4. Are distribution mains designed to provide a maximum flow velocity (excluding fire flow) of five feet per second for mains up to 16 inches in diameter and 10 feet per second for mains greater than 16 inches in diameter?  YES  NO  N/A
5. Are the distribution mains laid in a loop system to eliminate dead ends?  YES  NO  N/A
6. Is each deadend provided with a fire hydrant, flushing hydrant, or a valved outlet to which a temporary pipe may be affixed, to discharge flushed water above ground at a minimum pipe flushing velocity of 2.5 feet per second?  YES  NO  N/A
7. Are all distribution mains covered with a minimum of 3.5 feet or earth or other suitable cover to prevent freezing? (Minimum depth of cover: \_\_\_\_\_)  YES  NO  N/A
8. Will the water mains be disinfected prior to being placed in service in accordance with N.J.A.C. 7:10-11.6(d)?  YES  NO  N/A
9. Are all water mains and sanitary or industrial sewer lines separated by a horizontal distance of 10 feet, or if such lateral separation is not possible, are the distribution and sewer lines in separate trenches with the top of the sewer line at least 18 inches below the bottom of the water main?  YES  NO  N/A
10. At crossings of sewer lines and water mains, is the top of the sewer line at least 18 inches below the bottom of the water main, or if such vertical separation is not possible, is the sewer line of watertight construction (i.e. ductile iron, reinforced concrete pipe, etc.) with watertight joints that are a minimum of 10 feet from the water main?  YES  NO  N/A

	YES	NO	N/A
11. Are the water mains equipped with n-1 valves at intersections to minimize service interruption and safety hazards during repairs?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Do water services and plumbing conform to the requirements of the Plumbing Sub-Code of the New Jersey State Uniform Construction Code, N.J.A.C. 5:23-3.15?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Does the design involve water mains being constructed to cross surface waters? (How many? _____)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are the proposed surface water crossings satisfactory to this Department?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Are chambers or pits containing gate valves, air-relief valves, blowoffs, meters, or similar appurtenances properly drained?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Is any blowoff, air-relief valve, flushing device, hydrant drain, or chamber or pit directly connected to a storm sewer or sanitary sewer?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. Does the open end of all automatic air-relief pipes extend from the manhole or enclosing chamber to a point at least one foot above the surrounding ground, and provided with a downfacing elbow or mushroom cap and an insect screen?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. Does the open end of all manual air-relief pipes extend to the highest point in enclosing chamber, unless a high water table necessitates that the air-relief pipe extend above ground?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Are any physical connections with an unapproved water supply proposed?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\*\*\*Submit appropriate engineering plans to substantiate your answers.\*\*\*

I hereby certify that answers provided herein are accurate and reflective of the project being considered for approval and that the project will be constructed in conformance with the requirements of N.J.A.C. 7:10-11.10.

\_\_\_\_\_  
Signature of Engineer  
Professional Engineer's Embossed Seal

\_\_\_\_\_  
Date

\_\_\_\_\_  
N.J.P.E. #

\_\_\_\_\_  
Type or Print Name of Engineering Firm





PWS ID # \_\_\_\_\_

Project No. WCP \_\_\_\_\_

5. One (1) set of plans bearing the signature and seal of a New Jersey licensed Professional Engineer prepared as outlined at N.J.A.C. 7:10-11.5(i) and USGS quarter quadrangle location map.
6. Total estimated cost of construction of the proposed water system (where applicable include engineering and legal fees, land acquisition, and the estimated cost of all water related infrastructures); and Construction only of the proposed water system infrastructure pursuant to N.J.A.C. 7:10-11.5(d)9.
7. Permit application review fee to be calculated as per N.J.A.C. 7:10-15.3.  
**Note:** The fees are different if a project activity is in a designated Smart Growth area and an expedited review is requested.
8. A GIS map identifying existing and proposed water system sources, treatment, distribution and distribution facilities and the water service area as outlined at NJAC 7:10-11.5(c)6.
9. For all applications that will include a new demand on the water system, a firm source capacity and allocation analysis must be submitted.  
**Note:** If the firm source capacity and water allocation analysis cannot demonstrate that the water system has the ability to serve the proposed project, the Drinking Water Program cannot issue a Safe Drinking Water permit. The permit application will be returned to the applicant.

**Note (3):** For Permit applications for a Simplified Water Main Extension Certification only require a completed Standard Application Form, a Simplified Water Main Extension Certification Form, an overall plan showing proposed and existing water mains, Construction Cost Estimate (water mains only), a Firm Capacity and Water Allocation Analysis, and the \$250 permit application review fee as per N.J.A.C. 7:10-15.3(d)2.

**Note (4):** A technical manual has been prepared, pursuant to N.J.S.A. 13:1D-111 through 13:1D-113, which contains guidelines for permit applications for obtaining public water works facilities' approval. A copy of the technical manual may be obtained through NJDEP Maps and Publications Sales, P.O. Box 438, Trenton, NJ 08625 or from the Department's web site.

#### D. List of Applicable Technical Review Forms

Indicate with a check mark (✓) which Technical Review Forms have been completed for this project:

- PA-05 Checklist for Administrative Completeness (N.J.A.C. 7:10-11.5)
- PA-05E Firm Capacity and Water Allocation Analysis (N.J.A.C. 7:10-11.5(e))
- PA-06 General Requirements (N.J.A.C. 7:10-11.6)
- PA-07 Wells (N.J.A.C. 7:10-11.7)
- PA-08 Surface Water Supplies (N.J.A.C. 7:10-11.8)
- PA-08A Surface Water Treatment Rule (N.J.A.C. 7:10-9.1 et seq.)
- PA-09 Pumping Stations (N.J.A.C. 7:10-11.9)
- PA-10 Distribution Systems (N.J.A.C. 7:10-11.10)
- PA-10A Master Permit for Water Main Construction (N.J.A.C. 7:10-11.10(a)1)
- PA-10B Simplified Water Main Extension Certification Form (N.J.A.C. 7:10-11.10(b)1)
- PA-10DET Determination of Permit Requirements for Water Main Construction (N.J.A.C. 7:10-11.10)
- PA-11 Distribution Storage (N.J.A.C. 7:10-11.11)

PWS ID # \_\_\_\_\_

- PA-12 Chemical Handling and Feeding (N.J.A.C. 7:10-11.12)
- PA-13 Pretreatment (N.J.A.C. 7:10-11.13)
- PA-14 Filtration (N.J.A.C. 7:10-11.14)
- PA-15A Aeration (N.J.A.C. 7:10-11.15(a))
- PA-15F Fluoridation (N.J.A.C. 7:10-11.15(f))
- PA-15G Packed Column Aeration (N.J.A.C. 7:10-11.15(g))
- PA-15H Granular Activated Carbon Contactors (N.J.A.C. 7:10-11.15(h))
- PA-16 Chlorination (N.J.A.C. 7:10-11.16)
- PA-17 Ozone Generation and Feeding (N.J.A.C. 7:10-11.16(i))
- PA-18 Technical, Managerial, And Financial Capacity of New Public Community Water Systems (N.J.A.C. 7:10-11.5(a)1. And N.J.A.C. 7:10-13.1 *Et Seq.*)
- PA-19 Technical, Managerial, And Financial Capacity of New Public Non-Community Water Systems (N.J.A.C. 7:10-12.4(a) and N.J.A.C. 7:10-13.5 & 13.6*Et Seq.*)

I hereby certify that answers provided herein are accurate and reflective of the project being considered for approval.

\_\_\_\_\_  
Signature of Engineer  
Professional Engineer's Embossed Seal

\_\_\_\_\_  
Date

\_\_\_\_\_  
N.J.P.E. #

\_\_\_\_\_  
Type or Print Name of Engineering Firm



THE APPLICANT SHOULD BE AWARE OF THE FILING REQUIREMENT PERSUENT TO N.J.S.A. FOR A MINOR SUBDIVISION PLAT OR DEED.

#### 40:55D-47

#### MUNICIPALITIES GENERALLY

administrative officer, or within such further time as may be consented to by the applicant. Failure of the planning board to act within the period prescribed shall constitute minor subdivision approval and a certificate of the administrative officer as to the failure of the planning board to act shall be issued on request of the applicant; and it shall be sufficient in lieu of the written endorsement or other evidence of approval, herein required, and shall be so accepted by the county recording officer for purposes of filing subdivision plats.

Whenever review or approval of the application by the county planning board is required by section 5 of P.L.1968, c. 285 (C. 40:27-6.3), the municipal planning board shall condition any approval that it grants upon timely receipt of a favorable report on the application by the county planning board or approval by the county planning board by its failure to report thereon within the required time period.

Approval of a minor subdivision shall expire 190 days from the date of municipal approval unless within such period a plat in conformity with such approval and the provisions of the "Map Filing Law," P.L.1960, c. 141 (C. 46:23-9.9 et seq.), or a deed clearly describing the approved minor subdivision is filed by the developer with the county recording officer, the municipal engineer and the municipal tax assessor. Any such plat or deed accepted for such filing shall have been signed by the chairman and secretary of the planning board. In reviewing the application for development for a proposed minor subdivision the planning board may be permitted by ordinance to accept a plat not in conformity with the "Map Filing Act," P.L.1960, c. 141 (C. 46:23-9.9 et seq.); provided that if the developer chooses to file the minor subdivision as provided herein by plat rather than deed such plat shall conform with the provisions of said act.

The zoning requirements and general terms and conditions, whether conditional or otherwise, upon which minor subdivision approval was granted, shall not be changed for a period of 2 years after the date of minor subdivision approval; provided that the approved minor subdivision shall have been duly recorded as provided in this section.

L.1975, c. 291, § 35, eff. Aug. 1, 1976.

<sup>1</sup> Section 40:55D-5.

<sup>2</sup> Sections 40:55D-38 to 40:55D-40, 40:55D-53.

#### Library References