



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"/> 50 or more Realty Improvements (non-public wells)	<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

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

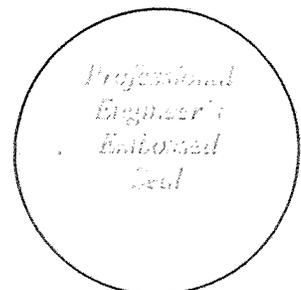
I hereby certify that the engineering plans, specifications and engineer's report applicable to this project comply with the current rules and regulations of the State Department of Environmental Protection with the exceptions as noted.

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

