



**NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WATER SYSTEM ENGINEERING  
SIMPLIFIED WATER MAIN CERTIFICATION  
(N.J.A.C. 7:10-11.10(b)1)**

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Water Purveyor

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PWSID#

**A. Safe Drinking Water Program Specific Administrative Review**

Only the following information shall be submitted for a Simplified Water Main Certification.

- 1. Completed Standard Application Form to Construct/ Modify/ Operate Public Water Works Facilities or 50 or more Realty Improvements, Form PA-01.
- 2. Completed Technical Review Form PA-10B bearing the signature and seal of a New Jersey Professional Engineer and the signature of the water system representative.
- 3. Completed Technical Review Form PA-05E (firm source capacity and allocation analysis) bearing the signature and seal of a New Jersey Professional Engineer and the signature of the water system representative.
- 4. Permit application review fee of \$250.
- 5. One (1) set of plans showing the location of existing and proposed water mains 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). Any endorsement shall be Water Supply specific. Endorsements such as "Final for Sewer" are not acceptable for water supply applications.
- 6. An electronic copy, in pdf format, of the application including Technical Review Forms and plans. These electronic documents are submitted on CD with the application. Do not include an image of the check or other personally identifiable information otherwise the application will be Administratively Deficient until corrected.

**NOTES:**

All application documents are public records. Drawings and documents marked 'Proprietary/confidential' or with other similar restrictions shall not be submitted, or will be returned as administratively deficient, without prior written approval of the Bureau.

Plans that include soil, landscaping, lighting, demolition etc. (i.e. other than those related to water main construction) shall be returned in their entirety as Administratively Deficient requesting only those that relate to the water mains.

Any standard application / review form more than 6 months out of date will be determined as an Administrative Deficiency requiring the current form to be completed and submitted.

Simplified Water Main Certifications do NOT require Engineer' Reports and Specifications to be included.

**B. Planning Area Applicability**

- 1. Is project activity located in the Highlands Preservation Area?  Yes or  No  
 If yes, is the application exempt from Highlands Act Rules?  Yes or  No  
 If yes, submit documentation demonstrating that the project activity is exempt.

**Note:** The permit application will be returned to the applicant if the project is located within the Highlands Preservation Area and not exempt from the Highlands Act. For these project activities, a Water Main Extension Permit application must be submitted as part of a HPA.

- 2. Is the project activity located in the Pinelands Planning Area?  Yes or  No  
 If yes, have you included one of the following:
  - a. Pinelands Certificate of Filing  Yes or  No
  - b. Letter of Exemption for Pinelands Review  Yes or  No
  - c. Public Development Approval  Yes or  No

**Note:** The permit application will be returned to the applicant if the project is located within the Pinelands Planning Area and one of the above documents is not submitted.

- 3. Is the project activity consistent with the Area-wide Water Quality Management Plan?  Yes or  No

**Note:** The permit application will be returned to the applicant if the project is not consistent.

**C. Simplified Water Main Certification Applicability**

- 1. Does the project propose new residential service to more than 30 realty improvements **but** fewer than 50 service connections and requires 3,000 feet or less of water mains and does not include other distribution system infrastructure such as; interconnections, pump stations or storage tanks?  Yes or  No
- 2. Will the project generate a new non-residential average demand greater than 12,000 gallons per day determined pursuant to Table 1 at N.J.A.C. 7:10-12.6(b) and require water mains less than 3,000 feet in length?  Yes or  No

**Note:** If you answered no to both questions the project is not eligible for a Simplified Water Main Certification.

**D. Water Main Details**

Piping Information:	Diameter (in.)	Length (LF)	Material
	_____	_____	_____
	_____	_____	_____
	_____	_____	_____
	Total Length (LF)	_____	

Comments

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(Demand details shall be recorded on the PA-05E)

**E. Construction Standards**

**The undersigned hereby certifies that the proposed water main extensions will be constructed in conformance with the requirements of N.J.A.C. 7:10-11.10 et. seq. and specifically that:**

	YES	NO	N/A
1. In accordance N.J.A.C. 7:10-11.10(c) the water system has the:			
a. Firm source capacity for the estimated new peak daily demand? (N.J.A.C. 7:10-11.5(e)1)	<input type="checkbox"/>	<input type="checkbox"/> *	
b. Monthly allocation to meet the estimated new peak monthly demand? (N.J.A.C. 7:10-11.5(e)2)	<input type="checkbox"/>	<input type="checkbox"/> *	
c. Annual allocation to meet the estimated new peak year demand? (N.J.A.C. 7:10-11.5(e)2)	<input type="checkbox"/>	<input type="checkbox"/> *	
2. Does the application ONLY include Service Lines? If Yes go to question 7. If no go to question 3.	<input type="checkbox"/>	<input type="checkbox"/>	
3. In accordance with N.J.A.C. 7:10-11.10(d) the distribution water mains have been designed to:			
a. Maintain a minimum pressure of 20 psi at street level under all flow conditions?	<input type="checkbox"/>	<input type="checkbox"/> *	
b. Be at least six inches in diameter?	<input type="checkbox"/>	<input type="checkbox"/> *	
4. In accordance with N.J.A.C. 7:10-11.10(e) the distribution water mains have been designed to:			
a. Limit maximum flow velocity to 5 fps or less for mains up to 16 inches in diameter?	<input type="checkbox"/>	<input type="checkbox"/> *	
b. As far as practicable eliminate dead ends by being laid in a loop system?	<input type="checkbox"/>	<input type="checkbox"/> *	
c. Have a fire hydrant or flushing device with flow greater than 2.5 fps installed on any dead end?	<input type="checkbox"/>	<input type="checkbox"/> *	<input type="checkbox"/>
d. Be covered with a minimum of 3.5 feet of earth?	<input type="checkbox"/>	<input type="checkbox"/> *	
e. Provide adequate separation of water mains and sanitary or industrial sewers and protection of water main crosses sanitary / industrial sewers?	<input type="checkbox"/>	<input type="checkbox"/> *	<input type="checkbox"/>
g. Include n-1 valves at intersections of water mains?	<input type="checkbox"/>	<input type="checkbox"/> *	
5. In accordance with N.J.A.C. 7:10-11.10(g) the distribution water mains have, as applicable, been designed to provide sanitary protection to the water during maintenance by:			
a. All chambers or pits containing gate valves; air-relief valves; blowoffs; meters being properly drained?	<input type="checkbox"/>	<input type="checkbox"/> *	<input type="checkbox"/>
b. Any blowoffs; air-relief valves; flushing devices or hydrant drains not being directly connected to a storm or sanitary sewer?	<input type="checkbox"/>	<input type="checkbox"/> *	<input type="checkbox"/>
c. The open end of any automatic air-relief pipes being extended one foot above grade and are provided with downfacing elbow or mushroom cap and provided with an insect screen?	<input type="checkbox"/>	<input type="checkbox"/> *	<input type="checkbox"/>
6. Are there any proposed surface water crossings? If Yes, have they been pre-approved by the Bureau of Water System Engineering? Approval letter number _____ If No, either obtain pre-approval or submit a standard water main extension application.	<input type="checkbox"/>	<input type="checkbox"/>	
If Yes, have they been pre-approved by the Bureau of Water System Engineering? Approval letter number _____	<input type="checkbox"/>	<input type="checkbox"/> *	
7. In accordance with N.J.A.C. 7:10-11.10(e)7 are the water services designed to conform to the requirements of the Plumbing Sub code of the NJ State Uniform Construction Code?	<input type="checkbox"/>	<input type="checkbox"/> *	
8. Is there any new construction that results in materials being in contact with potable water? If Yes, do the specifications and contract documents require that those materials be disinfected prior to use in accordance with N.J.A.C. 7:10-11.6(d)?	<input type="checkbox"/>	<input type="checkbox"/>	
If Yes, do the specifications and contract documents require that those materials be disinfected prior to use in accordance with N.J.A.C. 7:10-11.6(d)?	<input type="checkbox"/>	<input type="checkbox"/> *	
9. Does any service line supplied by this water main extension serve a facility with an unapproved water supply? If YES then either provide the physical connection permit number: _____ or an application for a physical connection permit must be submitted	<input type="checkbox"/>	<input type="checkbox"/>	

**If you have answered NO to any of the construction standard questions above marked \* then the design deviates from the standards and a full Water Main Extension permit application must be submitted whereby the deviation can be explained in the Engineer's report.**

**F. Certification**

**a. APPLICANT'S CERTIFICATION**

I certify under penalty of law that the information provided in this document is true, accurate and complete and complies with N.J.A.C. 7:10-11.5. I am aware that there are significant civil and criminal penalties for submitting false, inaccurate or incomplete information.

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

\_\_\_\_\_  
Signature of Applicant/Owner's Authorized Representative

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

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

**b. STATEMENT OF PREPARER OF PLANS, AND SUPPORTING DOCUMENTATION**

I hereby certify under penalty of law that the engineering plans, and supporting documentation applicable to this project comply with the current rules and regulations of the State Department of Environmental Protection. I further certify that the facilities are designed to achieve the design intent. I am aware that there are significant civil and criminal penalties for submitting false, inaccurate or incomplete information.

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

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

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

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

