



**NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATER SYSTEM ENGINEERING
TECHNICAL REVIEW FORM**

**MASTER PERMIT FOR WATER MAIN CONSTRUCTION
(N.J.A.C. 7:10-11.10(a)1)**

Water Purveyor

PWSID#

Municipality

New Demands for this Master Permit:

Year projected to be built	Pressure Zone	Peak Residential Demand* (MGD)	Peak Non Residential Demand* (MGD)	Total (MGD)

*Identify individual projects that have more than 0.5 MGD demand using:

- DEP standards (N.J.A.C. 7:10-12.6) – Table 1 or
- Department of Community Affairs standards x 3 = peak (N.J.A.C. 5:21-5.1)

Attach additional sheets as necessary

➤ **Note: Supporting data & calculations must be included in the Engineer’s Report and on the Plans** ◀

Existing Demands

Current system peak daily demand: _____ Month/Year: _____
(Avg. daily demand of the peak month in past 5 yrs)

Previously Allocated Water: _____ Projects approved by the Bureau of Water System Engineering, but not yet placed into service¹; Attach additional sheets listing Permit Numbers and estimated demands

Total current peak daily demand: _____ Current system peak daily demand + Previously allocated water

Estimated New Peak Daily Demand: _____ Total estimated additional demand from this project + total current peak daily demand

System Source Capacity

Total Source Capacity _____ Attach a list of all sources with capacities

Firm Source Capacity _____ Total Source Capacity – Largest Source/ Treatment Unit

¹ 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

Please list below each pressure zone and the source the serves that zone as well as the capacity for the zone

Pressure Zone Name	Source (Well/Pump Station)	Total Capacity of Zone (MGD)	Firm Capacity of Zone (MGD)

Please list any demand related permits that are currently not covered by this Master Permit. Indicate if you want these permits to be included as part of this Master Permit or give a reason as to why not.

Permit Number	Pressure Zone Name	Demand (MGD)	Include as part of this Master Permit? If no, please state why.
	Total Demand		

- | | YES | NO | N/A |
|---|--------------------------|--------------------------|--------------------------|
| 1. Is there a map showing existing and proposed water mains?
(N.J.A.C. 7:10-11.10(a)3) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Has the applicant provided a list of all proposed developments?
(N.J.A.C. 7:10-11.10(a)3) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Does the list include number of service connections? (N.J.A.C. 7:10-11.10(a)3) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Does the list include anticipated peak daily demand for each?
(N.J.A.C. 7:10-11.10(a)3) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Has the applicant provided technical specifications for the water main construction? (N.J.A.C. 7:10-11.10(a)3) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Do the specifications conform to the requirements of N.J.A.C. 7:10-11.10? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. Is there adequate storage to comply with the Water Supply Management Act Rules? (N.J.A.C. 7:10-11.10(b)4ii) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Submit appropriate engineering plans, specifications, reports, etc. to substantiate your answers
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

