



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

**SURFACE WATER SUPPLIES
(N.J.A.C. 7:10-11.8)**

Water Purveyor

PWSID#

Municipality

Source of Water (i.e. identify the body of water): _____

State Plane Coordinates of Intake: _____ Water Diversion Approval No.: _____

Maximum Permitted Withdraw: _____ Total Pumping Capacity: _____

Major Pollutant Sources within the Watershed: _____

Minor Pollutant Sources within One Mile Upstream of Intake: _____

	YES	NO	N/A
Intake Design			
1. Is the surface water intake equipped with multiple units (excluding raw water intake lines) to provide firm capacity? (N.J.A.C. 7:10-11.8(c)1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Is the intake structure located and arranged to minimize the impact of surface drainage on water quality? (N.J.A.C. 7:10-11.8(c)2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. The maximum surface water intake velocity does not exceed one-half foot per second? (N.J.A.C. 7:10-11.8(c)3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Is the intake designed to allow for the selective withdraw of water from multiple levels of the reservoir? (N.J.A.C. 7:10-11.8(c)4)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Is the intake protected by removable or cleanable coarse screens or racks to prevent debris from entering the water system? (N.J.A.C. 7:10-11.8(c)5)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. The intake is not located within 100 feet of a septic system or sanitary sewer line? (N.J.A.C. 7:10-11.8(c)6)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Is all mechanical equipment protected against the 100 year flood? (N.J.A.C. 7:10-11.8(c)7)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Treatment Facilities

YES NO N/A

- 1. Has pilot test data been submitted for the proposed treatment process?
(N.J.A.C. 7:10-11.8(d)1) YES NO N/A
- 2. Does treatment, at a minimum, include coagulation, flocculation, gravity filtration, and disinfection? (N.J.A.C. 7:10-11.8(d)2) YES NO N/A
- 3. Is the treatment facility designed to accommodate powder activated carbon or granular activated carbon treatment units? (N.J.A.C. 7:10-11.8(d)4) YES NO N/A
- 4. Is the treatment plant designed to provide firm capacity to meet peak demands (excluding coagulation, flocculation, and sedimentation)?
(N.J.A.C. 7:10-11.8(d)5)
Maximum Capacity = _____ MGD Firm Capacity = _____ MGD YES NO N/A
- 5. Is sufficient auxiliary power provided to run the entire plant?
(N.J.A.C. 7:10-11.8(d)7) YES NO N/A

6. Which Treatment unit does not run on auxiliary power?

_____	_____
_____	_____
_____	_____
_____	_____

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

PA08 (09/13)

