



Additional Submission Requirements for Approval of Non-Transient Non-Community Water Supply Systems
(effective 8/21/00)

7:10-13.5 Demonstration of technical capacity for public nontransient noncommunity water systems

(a) An applicant for a certification to construct and operate a new public nontransient noncommunity water system pursuant to N.J.A.C. 7:10-12.4(a) of this chapter shall in addition to requirements set forth at N.J.A.C. 7:10-12.39 and 12.41, submit to the administrative authority an engineer's report prepared by a New Jersey licensed professional engineer that contains:

1. A system description that includes:
 - i. An identification of the municipality, area, or facility to be served by the proposed system;
 - ii. A description of the nature of the establishments and of the area to be served by the proposed system;
 - iii. Provisions for future extension of the water system;
 - iv. Identification of all interconnections with other systems;
 - v. A description of the design basis, including average, daily, annual, maximum daily, peak hour demands, and useful life of all sources, treatment, and transmission facilities including pipes, pumping stations, and storage facilities;
 - vi. A description of proposed treatment processes including criteria and basis of design of units, methods or procedures used in arriving at recommendations and reasons or justifications for any deviations from conventional or indicated process or method;
 - vii. Identification of all backflow prevention devices;
 - viii. Description of source meters;
 - ix. Population projections and trends for 25 years into the future.
2. A description of the source adequacy including:
 - i. An analysis of the ability of the proposed and existing sources to reliably meet design demands, and a comparison of the available water with average and maximum daily demands, considering existing and future (25 years) conditions;

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- ii. A determination of the safe yield of the sources of supply.
 - (A) For ground water sources, the maximum potential yield for each well must be reported along with the following:
 - (1) An identification of the aquifer in which the wells are located;
 - (2) Well efficiency information, including ratio of most recent specific capacity to maximum specific capacity;
 - (3) Planned pumping rates of the wells, including the maximum well capacity of each well based on limitations such as the relationship to other wells, interference from other wells, contamination, and excessive drawdown; and
 - (4) Operational considerations that may limit the pumping rate.
 - iii. A characterization of the sources of supply including appropriate hydrological data to demonstrate reliability and water quality with a comparison to established or proposed drinking water standards;
 - iv. Source water delineation and assessment in compliance with New Jersey source water protection requirements, if applicable.
- 3 Evidence of compliance with the State operator certification regulations, at N.J.A.C. 7:10A as applicable, including the name of the operator(s) and licenses held; and
 - 4 Description of compliance with the State cross-connection control program (at N.J.A.C. 7:10-10.9), as applicable.
 - 5 An operations plan that includes the following:
 - i. The name of, and license possessed by, the system operator(s);
 - ii. Responsibilities, qualifications and training of operating personnel;
 - iii. A description of the routine operation/maintenance procedures.
 - iv. Water quality violation response procedures;
 - v. Water quality monitoring plan to comply with regulatory

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- requirements for supply;
- vi. Sources, treatment and distribution system;
- vii. Maintenance and testing of backflow prevention devices;
- viii. Source meter maintenance;
- ix. Operation of treatment works and pumping plants; and
- x. Storage tank inspection and cleaning.

7:10-13.6 Demonstration of managerial and financial capacity for nontransient

noncommunity water systems

- (a) No person shall commence operation of a new public nontransient noncommunity water system prior to obtaining certification from the administrative authority pursuant to this section.
- (b) The supplier of water shall submit to the administrative authority the following information prior to the certification and approval of the water system for operation:
 - 1. A description of the as-built water system that includes the information required under N.J.A.C. 7:10-12.40(b)1 through 8;
 - 2. A managerial plan containing the following:
 - i. A description of the organizational structure with a chart showing all aspects of water system management and operation;
 - ii. A description of the primary responsibilities and identification of all key personnel, including board of directors or councils, involved in the management or operation of the system or personnel;
 - iii. Identification, including the names and phone numbers, of those responsible for policy decisions ensuring compliance with State regulatory requirements, and the day-to-day operation of the system;
 - iv. If the person in charge of operation has other responsibilities unrelated to the water system, explain how the operator will reliably execute his or her managerial responsibilities;
 - v. Copies of any contracts for management or operation of the water system by persons or agencies other than the system owner; and
 - vi. Description of how legal, engineering, and other professional services are provided.
 - vii. The identity of the system's legal owner name and address.
 - viii. Copies of all documents which form the legal basis of the system and prescribe the conditions under which the system may operate.
 - ix. Copies of any deeds, leases or easements for land, water supply sources, or physical facilities used in the operation of the system.

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x. A description of the qualifications of the owners and managers of the water system, including any training and experience in owning or managing a water system. Also, system owners shall include a list of public water systems previously or currently owned as well as any systems previously or currently operated under contract for another owner;

xi. A description of a plan for keeping management personnel informed concerning regulatory requirements for managing and operating a public water system; and

xii. The names and telephone numbers of responsible persons to contact in the event of an emergency.

3. A financial plan including the following:

i. A 5-year budget that includes revenues, operating expenses, reserves, and capital improvements including:

(1) A revenue/expenditure analysis that compares all anticipated water system revenues with planned expenditures for a 5 year period.

(2) Identification of reserve accounts for emergency funding and equipment replacement.

(3) A capital improvement plan for the next 5 years including identification of the project, estimated costs, and amount allocated for repayment of debt financing to meet new drinking water standards and accommodate growth.