

Source Water Protection Measures**25-32d-2. Preparation of plans and schedule for submission**

- (a) Each water company supplying water to 1,000 or more persons or 250 or more consumers, and any other water company requested by the commissioner, shall submit a water supply plan for approval in conformance with Sections 25-32d-1a through 25-32d-6, inclusive, of the Regulations of Connecticut State Agencies.
- (b) If the commissioner requests a water company to submit an initial plan, the water company shall submit the plan within two years from the date of the request.
- (c) If the commissioner requests a water company to submit a revised plan, the water company shall submit the plan within one year from the date of the request.
- (d) In preparing the plan, the water company shall:
 - (1) Provide a separate analysis for each water supply system;
 - (2) use gallons as a unit of measure; and
 - (3) use the most current national geodetic vertical datum from the National Geodetic Survey, unless otherwise specified.

(Added effective August 10, 2000.)

25-32d-3. Contents of the plan

Each water supply plan submitted shall evaluate the water supply needs in the service area of the water company and propose a strategy to meet such needs. The plan shall contain:

- (a) A description of the existing water supply system, including:
 - (1) The legislative or franchise authority for the areas proposed to be served by the plan;
 - (2) a list and description of: service areas; sources of supply, including active, emergency and inactive sources, with a description of what portion of the service area is served by each source of supply; pump stations; and storage and treatment facilities;
 - (3) a map of: water company owned lands, service areas, sources of supply, interconnections, pumping stations, pressure zones, source water protection area boundaries, storage, treatment facilities, public or privately-owned protected lands.
 - (4) a map and description of existing transmission and distribution facilities, including age, materials, capacity and condition, if known;
 - (5) a description of meter reading and testing program and extent of metering;
 - (6) a schematic of the water supply system's hydraulic profile;
 - (7) a general discussion of the water supply system's fire flow capabilities;
 - (8) the calculation of the safe yield of each source of supply in accordance with Section **25-32d-4** of the Regulations of Connecticut State Agencies;
 - (9) a summary of monthly system production data by sources of supply and a summary of system average daily demands, maximum month demands and peak day demands for the previous five years;
 - (10) a list, description, and map of existing interconnections, and the quantities of water sold to or purchased from other water companies during the previous five years, and any limitations on their use;
 - (11) a history of water quality violations in each water supply system for the previous five years and a trend analysis for water quality parameters that may be approaching water quality standards;
 - (12) a description of the watershed inspection program required pursuant to subsection (b) of section 19-13-B102 of the Regulations of Connecticut State Agencies and the cross connection inspection program required pursuant to subsection (f) of section 19-13-B102 of the Regulations of Connecticut State Agencies, and demonstration of compliance with certification requirements pursuant to sections 25-32-7a to 25-32-14, inclusive, of the Regulations of Connecticut State Agencies;
- (b) An analysis of present and future water supply demands for the five, twenty, and fifty year planning periods, including:
 - (1) A description of the present population distribution patterns and population served;
 - (2) data and an evaluation of current and historic water use in each water supply system for the past five years of record, or since the most recent submittal of a water supply plan,