

64558 Source Capacity Planning Study

(a)

If directed by the State Board to do so based on its determination that there is an existing or potential problem with the system's source capacity or a proposed expansion pursuant to section 64556(a)(5), a water system shall submit a Source Capacity Planning Study (Study) containing the following information: (1) The anticipated growth of the water system over a projected period of at least ten years in terms of the population and number and type of residential, commercial, and industrial service connections to be served by the water system. (2) Estimates of the amount of water needed to meet the total annual demand and the MDD over the projected ten-year growth period (projected system demand). Methods, assumptions, and calculations used to estimate the projected system demand shall be included. (3) A map and description of the entire existing and proposed service area, showing: (A) The location of each water source, including wells that are abandoned, out-of-service, destroyed, standby, or inactive; 1. Any valid water rights owned by the system for surface water sources, including information on any limitations or restrictions of those rights; 2. For a groundwater aquifer, the groundwater levels and drawdown patterns; 3. Permits or approvals for groundwater extraction if pumping from an adjudicated groundwater basin; 4. Existing and planned source pumping capability and distribution storage capacity for the system as a whole and for each pressure zone; 5. The calculated sustained

well yields of existing wells if groundwater sources are used; 6. Permits, if required, for any waters proposed for use to offset potable water demand; and 7. A Source Water Assessment for each potable water source. (B) Distribution system piping, pressure zones, hydropneumatic tanks, and reservoirs; (C) Valves, sample taps, flow meters, unmetered service connections, and other system appurtenances; (D) Conveyance facilities; (E) Any flood plains in the projected service area; and (F) The 100 year flood or highest recorded flood level, whichever is higher.

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A map and description of the entire existing and proposed service area, showing: (A) The location of each water source, including wells that are abandoned, out-of-service, destroyed, standby, or inactive; 1. Any valid water rights owned by the system for surface water sources, including information on any limitations or restrictions of those rights; 2. For a groundwater aquifer, the groundwater levels and drawdown patterns; 3. Permits or approvals for groundwater extraction if pumping from an adjudicated groundwater basin; 4. Existing and planned source pumping capability and distribution storage capacity for the system as a whole and for each pressure zone; 5.

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A Source Water Assessment for each potable water source.

(B)

Distribution system piping, pressure zones, hydropneumatic tanks, and reservoirs;

(C)

Valves, sample taps, flow meters, unmetered service connections, and other system appurtenances;

(D)

Conveyance facilities;

(E)

Any flood plains in the projected service area; and

(F)

The 100 year flood or highest recorded flood level, whichever is higher.

(b)

If directed by the State Board to do so based on its determination that a study is out of date, a water system shall update and submit the Study to the State Board.

(c)

Water systems that have submitted an Urban Water Management Plan to the Department of Water Resources pursuant to Water Code Part 2.6 commencing with section 10610, may submit a copy of that report in lieu of some or all of the

requirements of subsection (a) to the extent such information is included in the plan.