64560 New Well Siting, Construction, and Permit Application

(a)

To receive a new or amended domestic water supply permit for a proposed well, the water system shall provide the following information to the State Board in the technical report as part of its permit application:(1) A source water assessment as defined in Section 64401.57 for the proposed site; (2) Documentation demonstrating that a well site control zone with a 50-foot radius around the site can be established for protecting the source from vandalism, tampering, or other threats at the site by water system ownership, easement, zoning, lease, or an alternative approach approved by the State Board based on its potential effectiveness in providing protection of the source from contamination; (3) Design plans and specifications for the well; and (4) Documentation required for compliance with the California Environmental Quality Act (CEQA).

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in providing protection of the source from contamination;

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Documentation required for compliance with the California Environmental Quality Act (CEQA).

(b)

After the State Board has provided written or oral approval of the initial permit amendment application and the water system has constructed the well, the water system shall submit the following additional materials for its permit application: (1) A copy of the well construction permit if required by the county or local agency; (2) Department of Water Resources well completion report; (3) A copy of any pump tests required by the State Board; (4) Results of all required water quality analyses; and (5) As-built plans.

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(2)

Department of Water Resources well completion report;

(3)

A copy of any pump tests required by the State Board;

(4)

Results of all required water quality analyses; and

(5)

As-built plans.

(c)

Each new public water supply well shall: (1) As a minimum, be constructed in

accordance with the community water system well requirements in California Department of Water Resources Bulletins 74-81 and 74-90, which are hereby incorporated by reference; (2) Be constructed in accordance with American Water Works Association (AWWA) Standard A100-06 (Water Wells), which is hereby incorporated by reference; (3) Be installed such that: (A) All equipment is accessible for operation, maintenance, and removal; (B) Protection is provided against flooding; (C) The wellhead terminates a minimum of 18 inches above the finished grade; (D) Wellhead and electrical controls are not installed in vaults; (E) The well is equipped with: 1. Fittings and electrical connections to enable chlorination facilities to be readily installed; 2. A non-threaded down-turned sampling tap located on the discharge line between the wellhead and the check valve. Sampling taps used for obtaining samples for bacteriological analysis shall not have a screen, aerator, or other such appurtenance; (F) Provisions are made to allow the well to be pumped to waste with a waste discharge line that is protected against backflow.

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