



COUNTY OF SAN LUIS OBISPO HEALTH AGENCY

PUBLIC HEALTH DEPARTMENT

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Well Site/Seal Inspection Checklist

Well Site Surveys:

1. Proposed site shall be designated with a flagged surveyor's stake labeled "Well Site."
2. No closer than 10 feet from any property line – SLO County Code 8.40.062.
3. Adequate horizontal distances from potential sources of contamination – Bulletin 74-90, page 12 – Plot Plan shall indicate all potential contamination sources within a 200 foot radius around the proposed well, which may include neighboring properties.
 - Sewer line (50 feet) – According to the UPC, this distance may be reduced to 25 feet when the drainage pipe is constructed of materials approved for use within a building.
 - Septic tank, leach field, animal enclosure (100 feet).
 - Cesspool or seepage pit (150 feet).
 - Storage and preparation areas of pesticides, fertilizers, and other chemicals (100 feet).

Well Seals:

1. Minimum seal depth is 50 feet – SLO County Code 8.40.060(b) – Exceptions can be made for shallow wells on a case-by-case basis: The seal shall be within 5 feet of the start of the perforations/screening. Example: If the perforations start at 35 feet, the seal could be approved at 30 feet. However, in no case shall the annular seal be less than 10 feet in depth.
2. The sealing material shall consist of neat cement, sand-cement, or concrete. Bentonite may be added to cement-based mixes, up to 6% by weight of cement used. – Bulletin 74-90, pages 17-20. Example: $8(50 \text{ lb. bags of cement}) + 1(25 \text{ lb. bag of bentonite})$
 $25/400 = .0625$
3. The sealing material shall be applied in one continuous operation from the bottom of the interval to be sealed to the top using "tremie" pipe – Bulletin 74-90, page 21.
4. "Freefall" or gravity installation of sealing material shall **NOT** be used unless the interval to be sealed is dry and no deeper than 30 feet below ground surface – Bulletin 74-90, page 22.
5. Well destructions: Cut-off casing 5' below grade. 25'-5' below grade shall be filled with approved sealing material. 5'-0' backfilled with native soil. – Bulletin 74-90, page 29.

Note seal depth and other available information; borehole depth, completed well depth, depth to first water, production estimate, depth of screens/perforations

Environmental Health Services

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