



Public Health Department

Environmental Health

202 Mira Loma Drive
Oroville, California 95965

Cathy A. Raevsky, Director
Andy Miller, M.D., Health Officer

T: 530.538.7281
F: 530.538.5339

buttecounty.net/publichealth

WELL PERMITS IN VOLATILE ORGANIC COMPOUND (VOC) CONCERN AREAS

Site Address: _____ APN: _____

When a proposed well site is adjacent to, or down gradient of a known VOC contamination plume, identified by the State of California Department of Toxic Substances Control (DTSC), the following bulleted items are required in addition to our standard well permit requirements:

- Your application will need to include a well construction plan, prepared, signed and stamped by a CA licensed Professional Geologist or Professional Engineer, designed to prevent the spread of VOC contamination to the public or to groundwater.
- The construction plan needs to show: (a) Total well depth, (b) Well diameter, (c) Casing depth, (d) Depth of perforations (if any), (e) Annular seal depth, (f) Seal material, and (g) Method of placement of the annular seal.¹
- If your well is permitted as a potable (safe to drink) water supply, you will need to provide a VOC analysis of the water after the well has been constructed, showing the water is safe to drink. Residential building permits and creations of new parcels will not be approved until the safety of the water has been verified by laboratory analysis.²

Warning! You need to be aware that State and Federal laws regarding site mitigation³ provide that persons owning property where “...hazardous substances have come to be located...” may be liable for response costs and may be subject to various abatement orders if it is determined that the operation of your well has affected the size and/or depth of the VOC plume, you could be identified as a responsible party (RP) for environmental damages and liable for remediation costs.

Property Owner VOC Concern Area Statement: I have read and understand the above VOC information, which may affect the above referenced address, and wish to proceed with the well permit process.

Property Owner Signature

Date

Property Owner Name (Print)

¹ You and your licensed professional should be aware that a well completed in accordance with standard construction practices will not assure that the well will produce potable (safe to drink) water. A special deep well seal may or may not afford protection of your water supply from VOC contamination.

² You will be required have the water analyzed by EPA Method 524.2 for VOC's, including TCE (trichloroethylene) and PCE (perchloroethylene, also called tetrachloroethylene). Any well which is intended as a domestic water source must prove to be free of VOC contamination levels above the Maximum Concentration Level (MCL) for human consumption.

³ Comprehensive Environmental Response, Compensation and Liability Act of 1980/Superfund Amendments and Reauthorization Act (42 United States Code 9607 (a) (1)) and California Code - Chapter 6.8: Hazardous Substance Account.