
Central Valley Regional Water Quality Control Board

PUBLIC NOTICE

The Central Valley Regional Water Quality Control Board (Central Valley Water Board) invites public comment on a Notice of Applicability of General Order No. R5-2015-0012, which would permit the Air Force to inject emulsified vegetable oil (EVO) into the groundwater at Beale Air Force Base (AFB), Yuba County, to promote biodegradation of trichloroethene (TCE).

SUBJECT SITE:

Site CG041-017 (Best Slough)
South of Gavin Mandery Dive between Best Slough and Dry Creek
Beale AFB, CA 95903
GeoTracker Global ID # T10000009459

PUBLIC COMMENT PERIOD: 16 December 2022 to 17 January 2023

CASE SUMMARY:

Volatile organic compounds (VOCs), primarily trichloroethene (TCE), were released to the subsurface from drum disposal trenches north of Best Slough in the western portion of Beale AFB. Best Slough was rerouted north of the drum disposal area to prevent TCE from migrating into the stream. The Site CG041 Record of Decision (ROD) selected enhanced reductive dechlorination (ERD) as the remedy for VOCs in groundwater at Site CG041-017. ERD of TCE will be accomplished by injecting emulsified vegetable oil (EVO) and a microbial consortium into groundwater injection wells and converting the existing pump-and treat system into a groundwater recirculation system. Bioreactors will be constructed in two of the drum disposal trenches which will be plumbed to the groundwater recirculation system. A portion of the existing soil-bentonite slurry wall encompassing the drum disposal source area will be reconfigured into a permeable reactive barrier containing zero valent iron (ZVI) to promote degradation of VOCs in groundwater.

Central Valley Water Board regulates the addition of chemicals to groundwater and has prepared a General Order for Waste Discharge Requirements for In-Situ Groundwater Remediation and Discharge of Treated Groundwater to Land. The associated [Tentative Notice of Applicability](#) provides site-specific requirements.

WHERE DO I GET MORE INFORMATION?

General Information regarding the site can be obtained from the GeoTracker web site at: <http://geotracker.waterboards.ca.gov/> under GeoTracker Global ID # T10000009459 and the case file for the subject site is available for review at the Central Valley Water Board main office located at 11020 Sun Center Drive, Suite #200, Rancho Cordova, California 95670.

HOW DO I PARTICIPATE?

Send comments to: Mark Clardy with the Central Valley Water Board by 17 January 2023. Mr. Clardy can be reached at (916) 464-4719, via e-mail at Mark.Clardy@waterboards.ca.gov, or in writing at 11020 Sun Center Drive, Suite #200, Rancho Cordova, California 95670.