

Central Valley Regional Water Quality Control Board

18 September 2015

Mr. Kent Hawley
Chief, Environmental Section
9 CES/CEVR
6601 B Street
Beale Air Force Base, CA 95903-1708

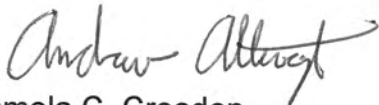
NOTICE OF TERMINATION FOR GENERAL ORDER NO. R5-2008-0149 – 037, SITE OW034, BEALE AIR FORCE BASE, YUBA COUNTY

On 12 January 2012, the Executive Officer of the Central Valley Regional Water Quality Control Board (Central Valley Water Board) issued a Notice of Applicability (NOA) under General Order No. R5-2008-0149, *In-Situ Groundwater Remediation at Sites with Volatile Organic Compounds, Nitrogen Compounds, Perchlorate, Pesticides, Semi-Volatile Compounds, Hexavalent Chromium and/or Petroleum Hydrocarbons*. In the NOA the project was assigned site-specific Order No. R5-2008-0149-037. Beale Air Force Base has requested termination of the NOA and the related Monitoring and Reporting Program (MRP) as groundwater has been adequately remediated. The request was part of the conclusions for *Site OW034 Corrective Measures Implementation Report* (CMI Report) (CH2MHILL, 2015).

Injection of an oxidant (RegenOx) and an oxygen release compound (ORC-A) occurred during April and May of 2012. In-situ chemical oxidation (ISCO) was implemented to remediate groundwater contaminated with benzene, total petroleum hydrocarbons as diesel (TPH-D), and TPH as gasoline (TPH-G). Monitoring conducted since 2012 indicates that minimal adverse impact to the aquifer from ISCO remains. Oxidation reduction potential (ORP) values and low dissolved oxygen (DO) concentrations have returned to baseline conditions in all wells but the furthest down-gradient monitoring point. The Air Force concludes that this ORP response likely represents the 2012 ISCO injections reaching this well, and anticipates a return to baseline conditions as has occurred in all other compliance wells. Central Valley Water Board staff concurs with this conclusion.

The Central Valley Water Board finds that it is appropriate to terminate the NOA for Site OW034. Therefore, through this letter the NOA for General Order No. R5-2008-0149-037 and the related MRP are hereby terminated as of the date of this letter.

If you have any questions regarding this matter, please contact Marie McCrink at (916) 464-4670 or at mmccrink@waterboards.ca.gov.



For

Pamela C. Creedon
Executive Officer

Central Valley Regional Water Quality Control Board

cc: Mr. Jay Wilburn, CH2MHill, Sacramento, CA
Mr. Dominique Forrester, DTSC, Sacramento, CA