



EDMUND G. BROWN JR.
GOVERNOR

MATTHEW RODRIGUEZ
SECRETARY FOR
ENVIRONMENTAL PROTECTION

Central Valley Regional Water Quality Control Board

30 May 2014

Karnail Hira
Hira Petroleum
5057 Olivehurst Avenue
Olivehurst, CA 95961

CERTIFIED MAIL
7010 0290 0000 8536 0881

NOTICE OF APPLICABILITY - ORDER R5-2008-0149-050, HIRA PETROLEUM, 1573 NORTH BEALE ROAD, MARYSVILLE, YUBA COUNTY,

Hira Petroleum submitted a Notice of Intent (NOI), on 3 April 2014 requesting coverage under Waste Discharge Requirements General Order R5-2008-0149 General Waste Discharge Requirements for In-Situ Groundwater Remediation at Sites with Volatile Organic Compounds, Nitrogen Compounds, Perchlorate, Pesticides, Semi-Volatile Compounds and/or Petroleum Compounds. Based on information in your submittals, it is our determination that this project meets the required conditions to be approved under Order R5-2008-0149. As such you are assigned Order No. R5-2008-0149-050. No comments were received regarding the subject Order during the 30-day public comment period ending on 23 May 2014.

Hira Petroleum is currently monitoring wells related to the site's groundwater monitoring program. This approved remediation project as described herein will require additional groundwater monitoring in accordance with enclosed Monitoring and Reporting Program (MRP) No. R5-2008-0149-050.

Project Location:

The project is an active service station at 1573 North Beale Road in Marysville, Yuba County. The legal description for the site is: Assessor's Parcel Number 020-040-015, Latitude 39°, 07', 39.91" N, Longitude 121°, 33', 32.17 W. The closest surface water body is the Yuba River located approximately 7,400 feet northwest of the site.

Project Description:

In August 2004, one 10,000-gallon diesel and three 10,000-gallon gasoline underground storage tanks (USTs) were removed from this site. Soil and groundwater samples collected from beneath the USTs indicated the presence of petroleum hydrocarbons, primarily total petroleum hydrocarbons as gasoline (TPH-g), ethylbenzene, and total xylenes. From 2008 to present, Hira Petroleum has completed a number of soil and groundwater investigations and remediation projects. The contamination remains. Additional remediation efforts are required to expeditiously and cost-effectively clean up the impacts to groundwater.

KARL E. LONGLEY ScD, P.E., CHAIR | PAMELA C. CREEDON, EXECUTIVE OFFICER

11020 Sun Center Drive #200, Rancho Cordova, CA 95670 | www.waterboards.ca.gov/centralvalley

Hira Petroleum and their consultant, Stratus Environmental, Inc. (Stratus), propose to inject chemical oxidants into the subsurface groundwater at 19 injection points around the former UST locations. Analytical testing will be performed on select monitoring wells per the enclosed MRP, to evaluate if oxidant injection is effective in destroying petroleum hydrocarbons and to monitor for increases in dissolved levels of specified metals, which may be caused by oxidation of native metals in soil. There are no surface waters associated with this project.

General Information:

1. The project will be operated in accordance with the requirements contained in the General Order No. R5-2008-0149 and in accordance with the information submitted in the Notice of Intent, and otherwise as specified in this Notice of Applicability (NOA).
2. The required annual fee (as specified in the annual billing you will receive from the State Water Resources Control Board) shall be submitted until this NOA is officially withdrawn.
3. Injection of material other than those specified in the NOI into the subsurface is prohibited, unless analysis, as specified in General Order No. R5-2008-0149, of the injectant is provided and approval if granted by Board staff.
4. Failure to abide by the conditions of the General Order and this NOA can result in enforcement actions as authorized by provisions of the California Water Code.
5. The Discharger shall comply with the enclosed MRP and any revisions thereto as ordered by the Executive Officer or directed by Board staff.

If you have any questions regarding this NOA, please contact Mike Smith at (916) 464-4728, or by e-mail at msmith@waterboards.ca.gov.

Original Signed By AA for

PAMELA CREEDON
Executive Officer

Enclosure: General Order R5-2008-0149 and MRP

cc: w/ encl: Mr. Mark Owens, SWRCB, UST Cleanup Fund, Sacramento
Ms. Jovel Vossler, Central Valley Water Board, Rancho Cordova
Mr. Clark Pickell, Yuba County Environmental Health Department, Marysville
Mr. Scott Bittinger, Stratus Environmental, Inc., Cameron Park