



California Regional Water Quality Control Board
Central Valley Region
Katherine Hart, Chair



Matthew Rodriguez
*Secretary for
Environmental Protection*

415 Knollcrest Drive, Suite 100, Redding, California 96002
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<http://www.waterboards.ca.gov/centralvalley>

Edmund G. Brown Jr.
Governor

1 November 2011

Robin Harbert
Red Barn
P.O. Box 8
Bieber, CA 96009

**TENTATIVE NOTICE OF APPLICABILITY, GENERAL ORDER 5R-2003-0044
RED BARN, 656/980 STATE HIGHWAY 299 BIEBER, LASSEN COUNTY**

You have submitted a Notice of Intent for the subject site. We have determined that the proposed in situ groundwater treatment meets required conditions for authorization under *Order R5-2003-0044, General Order for Land Disposal of Groundwater and Water from Cleanup of Petroleum Fuel Pollution (General Order)*. Find details at:

http://www.waterboards.ca.gov/centralvalley/board_decisions/adopted_orders/general_orders/r5-2003-0044.pdf

All requirements of the General Order will apply to your project; you are hereby assigned **General Order No. _____**.

General Order R5-2008-0149 prescribes minimum groundwater monitoring requirements for compliance. The attached Monitoring and Reporting Program sets forth minor requirements; additional monitoring may be necessary if proposed compliance wells show unanticipated results.

PROJECT LOCATION

The project is at 656/980 State Highway 299, Bieber, Lassen County.

PROJECT DESCRIPTION

The project generally consists of extraction wells EX-1, EX-2, and EX-3; an above-ground treatment plant with a 500-gallon holding tank, transfer pump, four, 50- and 100- micron bag filters in two serial pairs, three, 1,000-pound granulated activated carbon filters in series, a second, 500-gallon clean water holding tank; and an infiltration gallery. Project design assumes unattended, continuous operation. The project includes the following site-specific groundwater monitoring schedule:

Sampling Frequency	Wells	Chemical Constituents ¹
Quarterly	MW-1, MW-11R, MW-16, MW-17, MW-8	GRO, DRO, BTEX, MtBE, DIPE, TBA, TAME, 1,2-DCA
Semi-annually	MW-1 through MW-10, MW-11R, MW-12 through MW-18, DW-1, DW-2, and DW-3	GRO, DRO, BTEX, MtBE, DIPE, TBA, TAME, 1,2-DCA

1. GRO, DRO, gasoline and diesel range organics, by EPA Method 8015 modified; BTEX, Benzene, Ethylbenzene, Toluene, and Xylenes; MtBE, DIPE, TBA, and TAME, Methyl tert Butyl Ether, Di-isopropyl Ether, tert-Butyl Alcohol, and tert-Amyl Methyl Ether; and 1,2-DCA, 1,2-Dichloroethane, all by EPA Method 8260B.

Field Data

Measurement Frequency	Wells	Parameters ²
Monthly	MW-1 through MW-5, MW-13, MW-16, MW-17, and MW-18	Depth to Water
Quarterly	MW-1 through MW-5, MW-13, MW-16, MW-17, and MW-18	pH, temperature, ORP; specific conductance

2. Depth to water, feet and tenths below surveyed wellhead index marks; pH in standard units, temperature in degrees Centigrade or Fahrenheit, ORP, oxidation-reduction potential, in millivolts, and specific conductance, in microSiemens/centimeter.

PUBLIC COMMENT

Interested parties and public agencies had opportunity to comment on a Tentative Notice of Applicability (NOA) from 1 November 2011 to 30 November 2011. This final NOA incorporates those comments.

GENERAL INFORMATION

1. Project activities shall be in accordance with requirements in the General Order and information submitted with the Notice of Intent.
2. You will receive annual billing of a required annual fee from the State Water Resources Control Board until this NOA is revoked.
3. You must comply with the attached Monitoring and Reporting Program, and submit results electronically and as hard copies, as provided therein.
4. Failure to abide by the conditions of the General Order could result in an enforcement action as authorized by the provisions of the California Water Code.

Robin Harbert
Red Barn

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1 November 2011

Contact Eric Rapport of my staff at (530) 224-4998, erapport@waterboards.ca.gov, or 415 Knollcrest Drive, Suite 100, Redding, CA 96002, with questions or comments.


<Signature on Final Version>
PAMELA C. CREEDON, P.E.
Executive Officer

Enclosures: General Order R5-2003-0044 with Attachment C only, Monitoring and Reporting Program

cc: US Environmental Protection Agency, Region 9, San Francisco
US Fish and Wildlife Service, Sacramento
Department of Fish and Game, Region 1, Redding
Department of Health Services Office of Drinking Water, Redding
Department of Water Resources, Northern District, Red Bluff
Patrick Pulupa, OCC, SWRCB, Sacramento
James Maugham, DWQ, SWRCB, Sacramento
Della Kramer, RWQCB R5, Sacramento
Ellen Cognina, Lassen County Public and Environmental Health, Susanville
Gowri Kowtha, P.E., Stratus Environmental, Cameron Park

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California Environmental Protection Agency

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