California Regional Water Quality Control Board

Central Valley Region

Steven T. Butler, Chair

Winston H. Hickox
Secretary for Environmental Protection

Gray Davis
Governor

Redding Branch Office
Internet Address: http://www.swrcb.ca.gov/~rwqcb5
415 Knollcrest Drive, Suite 100, Redding, California 96002
Phone (530) 224-4845 • FAX (530) 224-4857

28 July 1999

Dennis M. Daily, Public Works Supervisor
City of Shasta Lake
P.O. Box 777
Shasta Lake, CA 96019

CASE CLOSURE, UNDERGROUND STORAGE TANK CASE #45274, CITY OF SHASTA LAKE – PUMP #4, 3700 TIBBITTS ROAD, SHASTA LAKE, SHASTA COUNTY

Dear Mr. Daily,

This letter confirms the completion of a site investigation and remedial action for the underground storage tank(s) formerly located at the above described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tank(s) are greatly appreciated.

Based on the information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, no further action related to the underground tank release is required.

This notice is issued pursuant to a regulation contained in Section 2721(e) of Title 23 of the California Code of Regulations.

Please contact our office, if you have any questions regarding this matter.

Sincerely,

GARY M. CARLTON
Executive Officer

by: JAMES C. PEDRI
Assistant Executive Officer
Shasta Cascade Watershed

cc+encl: Enclosed

cc+encl: Mr. Mark Cramer, Shasta County Department of Resource Management, Environmental Health Division, Redding

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TO: James C. Pedri, P.E.
Assistant Executive Officer

FROM: Raymond Bruun, P.E.
Associate WRC Staff Engineer
UG Tanks, Waste Containment

DATE: 28 July 1999

SIGNATURE: Raymond Bruun

SUBJECT: ***CASE CLOSURE SUMMARY, UNDERGROUND STORAGE TANK CASE #45274, CITY OF SHASTA LAKE – PUMP #4, 3700 TIBBITTS ROAD, SHASTA LAKE, SHASTA COUNTY***

Background

On 30 November 1998, a 1,500-gallon diesel underground storage tank (UST) was removed from the site. The on-site Shasta County inspector remarked that no petroleum contamination was evident in the excavation. Two soil samples taken at the time the UST was removed were nondetect for diesel (TPH-d), benzene, toluene, ethyl benzene, xylenes, (collectively, BTEX) and methyl tertiary-butyl ether (MTBE). A water sample from the tank pit contained TPH-d at 1,400 μg/l and nondetect BTEX/MTBE. In a letter dated 16 December 1999, Shasta County referred the case to the Regional Board.

At the direction of Board staff, the responsible party installed three soil borings between the former UST and nearby Churn Creek for the purpose of sampling groundwater. The borings were about 35 feet from the UST; one boring could not be completed to groundwater which was encountered at about 7.5 feet below grade in the other borings. Groundwater samples from two borings were tested, resulting in nondetect measurements for the following compounds: TPH-d, BTEX, MTBE, tert-butyl alcohol (TBA), diisopropyl ether (DIPE), ethyl tert-butyl ether (ETBE), and tert-amyl methyl ether (TAME).

Summary and Conclusions

The case involved a minor release of diesel fuel as evidenced by the following: 1) no observed staining or odors at the time the UST was removed; 2) no detections of fuel compounds in tank removal soil samples; 3) relatively low (1,400 μg/l) diesel detected in tank pit water sample; and 4) no detections of fuel compounds in groundwater samples from the test borings.

MTBE was tested for and not found.

The release does not appear to threaten water quality, human health, or the environment.

Recommendation

Close the case.

RB:tch