

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
SAN DIEGO REGION

ADDENDUM NO. 3

TO

CLEANUP AND ABATEMENT ORDER NO. 93-49

CHEVRON U.S.A. PRODUCTS COMPANY AND JAMES C. SILVER  
2712 WASHINGTON STREET;

ROBERTA H. GREEN  
2126 MAIN STREET;

WILLIS AND LILLIE SLAUGHTER  
2103 MAIN STREET;

PORTER FAMILY TRUST  
NORM'S SERVICE STATION  
1913 MAIN STREET;

JULIAN CALIFORNIA  
SAN DIEGO COUNTY

The California Regional Water Quality Control Board, San Diego Region (hereinafter the RWQCB) finds that:

1. Cleanup and Abatement Order (CAO) No. 93-49, Addendum No. 2 required final site cleanup, by April 1, 2000. Final site cleanup was not achieved by this date due to the complicated nature of the site geology. Petroleum hydrocarbon pollution has been detected in a shallow aquifer zone and a deeper aquifer zone. The deeper zone pollution was unknown when the original final site cleanup date was ordered.
2. A soil vapor extraction system to remediate the shallow and deep vadose zones was installed in 2001-2002. The system began operating in July 2002. The system links the four locations where petroleum hydrocarbon pollution from underground storage tanks has been detected. It is unknown how long the remediation system must operate to reduce the levels of petroleum hydrocarbon pollution and restore the beneficial uses of the aquifer. Therefore, a realistic final cleanup date cannot be determined at this time.
3. The dischargers have proposed submittal of a Plume Capture Analysis Progress Report, a Ground Water Treatment System Upgrade Progress Report, and Annual Project Summary Reports to keep the Regional Board informed of cleanup progress.
4. A discharge of petroleum hydrocarbon has occurred from the underground storage tank system at Norm's Service Station at 1913 Main Street in Julian. The release of petroleum

State of California  
Regional Water Quality Control Board  
San Diego Region

EXECUTIVE OFFICER SUMMARY REPORT  
March 9, 1995

ITEM:

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SUBJECT:

Chevron, 2712 Washington Street, Julian;  
Julian Auto Parts, 2126 Main Street,  
Julian and Julian Cider Mill at 2103 Main  
Street, Julian (Addendum to Cleanup and  
Abatement Order No. 93-49)

DISCUSSION:

Item 15 was not complete at the time of  
this mailing. It will be mailed to you  
with the supplemental package.

hydrocarbons at the property has created a condition of pollution in the underlying ground-water aquifer as defined by the California Water Code section 13050.

5. This discharge of petroleum hydrocarbon has contributed to a commingled gasoline plume in the aquifer identified by the County of San Diego Department of Environmental Health as the "downtown Julian Aquifer".
6. The Porter Family Trust currently owns the property (Norm's Service Station) at 1913 Main Street in Julian, California. Norm H. Cozens was the previous property owner. Ms. Cheryl DeWitt leases the property from the trust, and is the point of contact for the trust.
7. Since the Regional Board issued CAO No. 93-49, methyl tertiary butyl ether (MTBE) has been detected in the downtown Julian Aquifer and the maximum contaminant levels (MCLs) of certain constituents of concern have changed. Directive 5 of the CAO should be updated to add MTBE as a constituent of concern and to reflect the current MCLs for Toluene, Ethylbenzene and Total Lead.

**IT IS HEREBY ORDERED, pursuant to sections 13276 and 13304 of the California Water Code:**

1. The Dischargers, or their agents, successors, or assigns, shall take remedial action to cleanup and abate the effects of discharges of petroleum hydrocarbon to the Julian Aquifer.
2. Ms. Cheryl DeWitt and the Porter Family Trust are added as dischargers to Cleanup and Abatement Order No. 93-49.
3. Addendum No. 2 to CAO No. 93-49, which required final site cleanup, by April 1, 2000, is rescinded.
4. The dischargers shall submit the following reports in accordance with the following schedule:

<u>Report</u>	<u>Due Date</u>
Plume Capture Analysis Progress Report	April 1, 2003
Ground Water Treatment System Upgrade Progress Report	April 1, 2003
Annual Project Summary Reports	March 31 each year beginning in 2003"

5. **Directives 5b and 5c of CAO No. 93-49 are replaced with the following:**

- b. An evaluation of the effectiveness, feasibility and cost of at least two alternatives to attain the following California State Action Levels for Taste and Odor Thresholds for ground water:

<u>Constituent</u>	<u>Taste and Odor Threshold</u>
Ethylbenzene	29 µg/L
Toluene	42 µg/L
Xylenes	17 µg/L
Methyl Tertiary Butyl Ether	5 µg/L

- c. An evaluation of the effectiveness, feasibility and cost of at least two alternatives to attain the following primary MCL ground water quality cleanup levels:

<u>Constituent</u>	<u>Maximum Contaminant Level</u>
Benzene	1 µg/L
Toluene	150 µg/L
Ethylbenzene	700 µg/L
Xylenes	1750 µg/L
Methyl Tertiary Butyl Ether	13 µg/L
Total Lead	15 µg/L

6. **Directive 6 is replaced with:**

“The dischargers shall complete implementation of the Corrective Action Plan to attain ground water and soil cleanup to **background levels**, until the feasibility study required in Directive 5 is completed. At that time, the dischargers may petition the Regional Board to amend the CAO to require alternative ground water and soil cleanup levels. Any such alternative cleanup levels shall:

- Be consistent with maximum benefit to the people of the State;
- Not unreasonably affect present and anticipated beneficial use of such water; and
- Not result in water quality less than prescribed in the Water Quality Control Plan and Policies adopted by the State and Regional Board.”

7. The dischargers shall submit all laboratory data in electronic deliverable format to the Geotracker data warehouse as required by Water Code section 13196, and California Code of Regulations section 2729.1.

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Cleanup and Abatement Order No. 93-49

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August 26, 2002

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JOHN. H. ROBERTUS  
Executive Officer

Date issued: August 26, 2002

