

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION**

ORDER NO. R2-2025-XXXX

TERMINATION OF SITE CLEANUP REQUIREMENTS (ORDER NO. 92-139):

UNOCAL CORPORATION

For the property located at:

1300 CANAL BOULEVARD
RICHMOND, CONTRA COSTA COUNTY

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

1. **Regional Water Board Order:** The Regional Water Board adopted Site Cleanup Requirements for the property located at 1300 Canal Boulevard in Richmond (Property) on November 18, 1992 (Order No. 92-139). The order named Unocal Corporation as the discharger and was issued in response to the rupture of four above ground storage tanks (AST) during the 1989 Loma Prieta Earthquake. The refinery has undergone several changes in ownership and names, as follows:
 - 1983 to 1997: Unocal Corporation
 - 1997 to 2001: Tosco Corporation
 - 2001 to 2002: Phillips Petroleum
 - 2003 to 2012: ConocoPhillips Company
 - 2012 to present: Phillips 66 Company
2. **Compliance with Board Order:** Order No. 92-139 required the discharger to investigate the horizontal and vertical extent of contaminated soil and groundwater, develop a remediation plan for soil and groundwater, and implement a groundwater monitoring program at the Property. The discharger and its successor, Phillips 66 Company, have completed these tasks.
3. **Basis for Termination:** Termination of the order is appropriate for the reasons discussed below:
 - a. The nature and extent of the chemicals of concern (COCs) in soil, groundwater, and soil vapor have been adequately characterized through investigations beginning in 1992. The COCs are benzene, methyl-tertiary-butyl-ether (MTBE), total petroleum hydrocarbons as diesel (TPHd), and total petroleum hydrocarbons as gasoline (TPHg).
 - b. The following remedial actions have successfully addressed COCs in groundwater:
 - i. Recovery of non-aqueous phase liquid from the ground near the ruptured AST's and from shallow groundwater.
 - ii. Operation of a groundwater extraction and treatment system from 1997 to 2017.

- c. Soil vapor was sampled in 2020 to assess the risk of vapor intrusion. Low concentrations of residual contamination are present and limited in extent.
- d. Post remediation groundwater monitoring conducted between 2017 and 2021 indicate that the Property has been fully assessed, and residual concentrations of COCs in subsurface media do not pose an unacceptable health risk to construction workers, site operators, maintenance workers and the environment.
- e. The following table provides the historical maximum and current concentrations of COCs in groundwater. The remediation at the Property has significantly reduced the magnitude and size of the groundwater plume, which continues to decrease and will meet cleanup levels.

Concentrations of COCs in Groundwater (micrograms per liter)

	TPHd	TPHg	Benzene	MTBE
Maximum Concentration	330,000	140,000	3,300	4,300
Current Concentration	2,000	190	0.50	30
Cleanup Level	200	760	1	5

- f. A Soil and Groundwater Management Plan, approved by the Regional Water Board in September 2021, was prepared to address residual contamination should the Property undergo redevelopment.
 - g. The Property is still undergoing investigation for Per- and Polyfluoroalkyl Substances (PFAS) in accordance with State Board Order WQ 2021-0006-DWQ and will remain under regulatory oversight to assess and, if necessary, remediate PFAS at the Property.
4. **Human Right to Water:** Under Water Code §106.3, the State of California's policy is that every human being has the right to safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes. (Wat. Code, § 106.3; see also State Water Board Resolution No. 2016- 0010.) The human right to water extends to all Californians, including disadvantaged individuals and groups and communities in rural and urban areas.
 5. **CEQA:** This action terminates an order to enforce the laws and regulations administered by the Regional Water Board. Termination of the order is not a project as defined in the California Environmental Quality Act (CEQA). There is no possibility that the activity in question may have a significant effect on the environment (California Code of Regulations., title 14, §§ 15378 and 15061, subdivision (b) (3)).
 6. **Notification:** The Regional Water Board has notified the discharger and all interested agencies and persons of its intent under Water Code section 13304 to terminate site cleanup requirements for the discharge and has provided them with an opportunity to submit their written comments.

IT IS HEREBY ORDERED that Order No. 92-139 is terminated.

I, Eileen M. White, Executive Officer, do hereby certify that the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region, on _____, 2025.

Eileen M. White, PE
Executive Officer

