

**North Coast Regional Water Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403**

Notice of Proposed Corrective Action Plan Approval for

Gaddis Nursery Site, 1051 Spencer Avenue, Santa Rosa, CA

Comment Period Begins: December 16, 2005

Comment Period Ends January 16, 2006

Problem Description

The Gaddis Nursery site is located in a residential area of Santa Rosa bounded on the north by Pacific Avenue, on the south by Spencer Avenue, on the west by Wright Street, and on the east by North Street. From the early 1900s to 1976, Unocal operated a bulk petroleum distribution plant in the central portion of the site. Gaddis Nursery operated a commercial nursery at the site from 1934 to the 1980s. Subsurface investigations and groundwater monitoring at the site indicate contamination of soil and/or groundwater with petroleum hydrocarbons, including gasoline, diesel and motor oil, semi-volatile organic compounds, polynuclear aromatic hydrocarbons, lead, organic lead, and pesticides.

Site Characterization and Interim Actions Completed

Seven underground storage tanks and a former slab for above ground storage tanks were used during the bulk plant operation. Three additional underground storage tanks were installed at the site during the Gaddis Nursery operations. By 1987, all of the underground and aboveground storage tanks had been removed. Overexcavation of contaminated soil occurred at two of the former underground storage tank sites located on and near Gaddis Court.

There are currently 12 shallow monitoring wells and one deep monitoring well at the site. The groundwater plume is defined, with the highest concentrations of petroleum hydrocarbon contamination in groundwater occurring at Gaddis Court and extending southwest to Wright Street. Groundwater contamination has not been detected in domestic wells located near and downgradient of the site. The City of Santa Rosa provides domestic water supply to residences and businesses in the area.

Proposed Corrective Action

Unocal Corporation proposes to install five new monitoring wells, two on Gaddis Court and three on Wright Street. The new monitoring wells will be used to diffuse oxygen into the subsurface. The purpose of oxygen diffusion is to enhance degradation of contaminants in saturated soils and groundwater. A soil investigation at the former above ground storage tanks on North Street (behind 1082 Gaddis Court) will also be conducted.

The approved corrective action will be approved without further notice unless significant public comment is received prior to January 16, 2006.

Please contact **Jo Bentz at (707) 576-2838** with questions or comments regarding this project. You may also submit written comments to:

**North Coast Regional Water Quality Control Board
Attn: Jo Bentz
5550 Skylane Blvd., Suite A,
Santa Rosa, CA 95403**

Or email to: jbentz@waterboards.ca.gov