

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
SAN FRANCISCO BAY REGION

ORDER NO. R2-2003-0061

RESCISSION OF SITE CLEANUP REQUIREMENTS (ORDER NO. 95-016) FOR:

**VARIAN ASSOCIATES AND PEERY/ARRILLAGA 1976 CHILDREN'S TRUST**

for the property located at

**3100 JAY STREET  
SANTA CLARA  
SANTA CLARA COUNTY**

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

1. **Regional Board Orders:** The Board adopted site cleanup requirements for this site on January 18, 1995 (Order No. 95-016).
2. **Summary of Investigation and Remediation Activities:** In August 1984, approximately 20 gallons of trichloroethane (TCA) was spilled onto the ground surface causing contamination to the soil and the underlying shallow groundwater. In 1984 and 1985, approximately 300 cubic yard of contaminated soil were removed from the source area. The original TCA concentrations in groundwater in 1985 were up to 11,000 micrograms per liter ( $\mu\text{g/l}$ ). A groundwater extraction and treatment system was installed in August 1987. The system operated for about 7 years, extracting approximately 41,000,000 gallons of groundwater.
3. **Basis for Rescission:** The dischargers have met all soil and groundwater cleanup standards at all compliance points. The Department of Health Services determined in April 1986 that soils had been adequately remediated. Attainment of groundwater cleanup standards was confirmed by regular groundwater monitoring; cleanup standards have been met in all SMP monitoring wells since March 2002. The highest concentrations during the most recent monitoring event (March 2003) were 2.3  $\mu\text{g/l}$  for TCA, 5.1  $\mu\text{g/l}$  for DCE, and 4.7  $\mu\text{g/l}$  for DCA. The cleanup standards for these contaminants are 200  $\mu\text{g/l}$ , 5  $\mu\text{g/l}$ , and 6  $\mu\text{g/l}$ , respectively. The groundwater extraction and treatment system was shut down in September 1994, and subsequent monitoring has shown no evidence of a rebound in Volatile Organic Compound (VOC) concentrations in groundwater. All VOCs have shown decreasing concentration trends in all

groundwater monitoring wells since groundwater extraction was terminated. The groundwater has also been screened for 1,4-dioxane, a stabilizing chemical commonly added to TCA, and this contaminant was not found above the detection limit of 2 µg/l.

4. **CEQA:** This action rescinds an order to enforce the laws and regulations administered by the Board. As such, this action is categorically exempt from the provisions of the California Environmental Quality Act (CEQA) pursuant to Section 15321 of the Resources Agency Guidelines.
5. **Notification:** The Board has notified the discharger and all interested agencies and persons of its intent under California Water Code Section 13304 to rescind site cleanup requirements for the discharge, and has provided them with an opportunity to submit their written comments.
6. **Public Hearing:** The Board, at a public meeting, heard and considered all comments pertaining to this discharge.

**IT IS HEREBY ORDERED**, pursuant to Section 13304 of the California Water Code, that Order No. 95-016 is rescinded.

**IT IS FURTHER ORDERED** that the dischargers shall properly close all monitoring and extraction wells consistent with applicable local agency requirements, and shall document such closure in a technical report to be submitted to the Board within 30 days following the completion of closure activities.

I, Loretta K. Barsamian, 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 June 18, 2003.

  
Loretta K. Barsamian  
Executive Officer

=====  
FAILURE TO COMPLY WITH THE REQUIREMENTS OF THIS ORDER MAY SUBJECT  
YOU TO ENFORCEMENT ACTION, INCLUDING BUT NOT LIMITED TO:  
IMPOSITION OF ADMINISTRATIVE CIVIL LIABILITY UNDER WATER CODE  
SECTIONS 13268 OR 13350, OR REFERRAL TO THE ATTORNEY GENERAL FOR  
INJUNCTIVE RELIEF OR CIVIL OR CRIMINAL LIABILITY  
=====