

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. R2-2005-0021

RESCISSION OF SITE CLEANUP REQUIREMENTS (ORDER NO. 92-084 AS AMENDED BY ORDER NO. 94-028) FOR:

DELUXE CHECK PRINTERS

for the property located at

1551 DELL AVENUE
CITY OF CAMPBELL
COUNTY OF SANTA CLARA

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

1. **Board Orders:** The Board adopted site cleanup requirements for Deluxe Check Printers (hereinafter discharger) on July 15, 1992 (Order No. 92-084), and amended such Order on February 16, 1994 (Order No. 94-028).
2. **Summary of Investigation and Remediation Activities:** Soil and groundwater were contaminated with Volatile Organic Compounds (VOCs) from former leaking underground storage tanks (USTs) that were used prior to 1981. The USTs were closed in place by filling them with slurry in 1983. Remedial investigation activities were performed in 1989. Twelve groundwater monitoring wells, three groundwater extraction wells, and two soil venting wells were installed between 1990 and 1994. Contaminated groundwater and soil vapor was extracted from 1993 to 1999, removing approximately 2200 pounds of VOCs from soil and 250 pounds of VOCs from the groundwater. Groundwater and soil vapor extraction was discontinued in 1999 with Water Board staff approval because VOC concentrations had declined to the point where the system was no longer effective. In 2001, approximately 2500 pounds of Hydrogen Releasing Compounds (HRC) was injected into the groundwater in an attempt to further reduce residual VOC concentrations in groundwater. The HRC treatment was only moderately effective, at best, in further reducing VOC groundwater concentrations. Existing VOC concentrations, while still above the cleanup goals, are relatively low and are stable. The most recent monitoring event in March 2004 had a maximum concentration of cis-1,2-dichloroethylene (DCE) of 25 micrograms per liter ($\mu\text{g/l}$) and 31 $\mu\text{g/l}$ of tetrachlorethylene (PCE). For comparison, the maximum

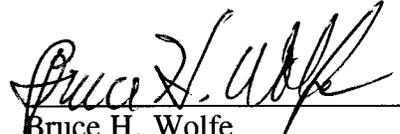
contaminant level considered safe for drinking water is 5µg/l for PCE and 6 µg/l for DCE. VOC concentrations in groundwater are expected to further decrease over time due to dilution, dispersion and adsorption. Residual VOCs in the soil and groundwater do not present a significant risk to human health or the environment.

3. **Basis for Rescission:** The groundwater and soil vapor extraction system has reduced groundwater pollution to asymptotic levels, future operation of this system will not provide significant reductions in pollutant concentrations, and risk-management measures are sufficient to protect human health and the environment in the future. The groundwater system was curtailed in 1999, and subsequent monitoring has shown no evidence of a rebound in VOC concentrations in groundwater. The dischargers have proposed and implemented the following risk-management measure: A deed restriction has been recorded with the County of Santa Clara prohibiting the extraction of shallow groundwater on the subject site for any purpose. This risk management measure needs to be implemented for an indefinite period of time to assure protection of human health and the environment. It is reasonable to assume that natural processes will reduce the concentrations of chemicals in groundwater to drinking water standards before such time that the groundwater may be used for water supply purposes.
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. 92-084 as amended by Order No. 94-02 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, Bruce H. Wolfe, 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 May 18, 2005.


Bruce H. Wolfe
Executive Officer

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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
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