

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. R2-2006-0046

RESCISSION OF SITE CLEANUP REQUIREMENTS (ORDER NO. 93-075) FOR:

BW/IP International, Inc

for the property located at

Former BW/IP Facility
1132 North Seventh Street
San Jose, California
SANTA CLARA COUNTY

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

1. **Water Board Orders:** The Board adopted site cleanup requirements (Order No. 93-075) for the BW/IP International, Inc. facility (Site) referenced above on July 21, 1993 (see Figure 1, Site Location Map). The Order set forth a task and time schedule to investigate and remediate pollutant releases at the Site.
2. **Summary of Investigation and Remediation Activities:** In 1985, United Centrifugal Pumps abandoned in-place a 1,000 gallon gasoline underground storage tank (UST). BW/IP removed a 500 gallon kerosene UST in January 1992. In September and October 1994, investigations were conducted at the Site. Seventeen wells were installed in the shallow water bearing unit. Nine of the wells were recovery wells (ITRW-1 through ITRW-9) and the remaining wells were monitoring wells (ITMW-1 through ITMW-8). Chlorinated solvents (VOCs), petroleum hydrocarbons as gasoline (TPHg), and benzene, toluene, ethylene and xylenes (BTEX) were detected in soil and groundwater samples collected.

In May 1995, IT installed an interim groundwater recovery and treatment system at the Site. Initially, treated groundwater was discharged into a holding tank to determine the removal efficiency of the system. Discharge of treated groundwater, pursuant to the Board's NPDES general permit for VOC cleanup sites began on June 5, 1996.

An Interim Remedial Action Plan (IRAP) dated April 9, 1999 was implemented at the Site from August 4, 1999 through December 20, 1999. The IRAP used in-situ oxidation technology to reduce halogenated volatile organic compounds (HVOCs) found within the groundwater at the Site; specifically PCE, TCE, cis-1,2-DCE, and vinyl chloride to concentrations within or below their Maximum Contaminant Level (MCLs). Laboratory analytical results of the groundwater samples collected during the interim remedial action activities indicated that the HVOC-affected groundwater had been treated to produce groundwater concentrations that were below their drinking water MCLs for PCE, TCE, cis-1,2-DCE, and vinyl chloride.

- 3. Basis for Rescission:** Groundwater sampling was conducted in December 2004, 5 years after the implementation of the IRAP, to evaluate any rebound in concentrations. Monitoring results indicated that PCE, TCE, cis-1,2-DCE, and vinyl chloride concentrations in the groundwater samples were generally below their respective MCLs with the exception of samples collected from wells ITRW-3, ITRW-4, ITRW-7, and MW-5. Cis-1,2-DCE concentrations contained in wells ITRW-3, ITRW-4 and MW-5 were above the MCL but considerably less than ten times the MCL. Similarly, vinyl chloride concentrations detected in wells ITRW-7 and MW-5 exceeded the MCL but were significantly less than ten times the MCL. The maximum concentrations of pollutants detected in December 2004 monitoring are as follows: PCE, 4.1 ug/l; TCE, 6.7 ug/l; Cis-1,2-DCE, 40 ug/l; and, vinyl chloride, 2.2 ug/l.

Based on the December 2004 monitoring data, the IRAP was effective at reducing VOC concentrations in groundwater at the site. Natural processes should reduce the residual concentrations of pollutants in groundwater to drinking water standards before such time as the groundwater may be needed for water supply purposes. Accordingly, it is appropriate to discontinue groundwater monitoring activities and rescind Order No. 93-075. No further remediation is needed at this Site. A land-use covenant has been recorded on the property which prevents development of wells or use of groundwater on the Site. Based on these conditions, the current commercial/industrial landuse of the Site and neighboring area and that the underlying groundwater within the Site and neighboring area is not a current source of drinking water, the slight exceedences of residual VOCs in groundwater do not pose a significant threat to human health or the environment.

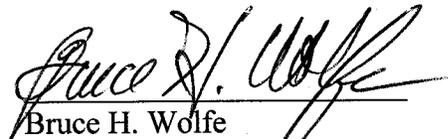
- 4. CEQA:** This action rescinds an order to enforce the laws and regulations administered by the Board. As such, this action is categorically exempt from the provisions of the California Environmental Quality Act (CEQA) pursuant to Section 15321 of the Resources Agency Guidelines.

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. 93-075 is rescinded.

IT IS FURTHER ORDERED, pursuant to Sections 13304 and 13267 of the California Water Code, 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 July 12, 2006.


Bruce H. Wolfe
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

Attachment: Figure 1, Site Location Map

DRAWING NUMBER 152311-A8

CHECKED BY

APPROVED BY

BJ

4-24-98

DRAWN BY

4-24-98

BJ

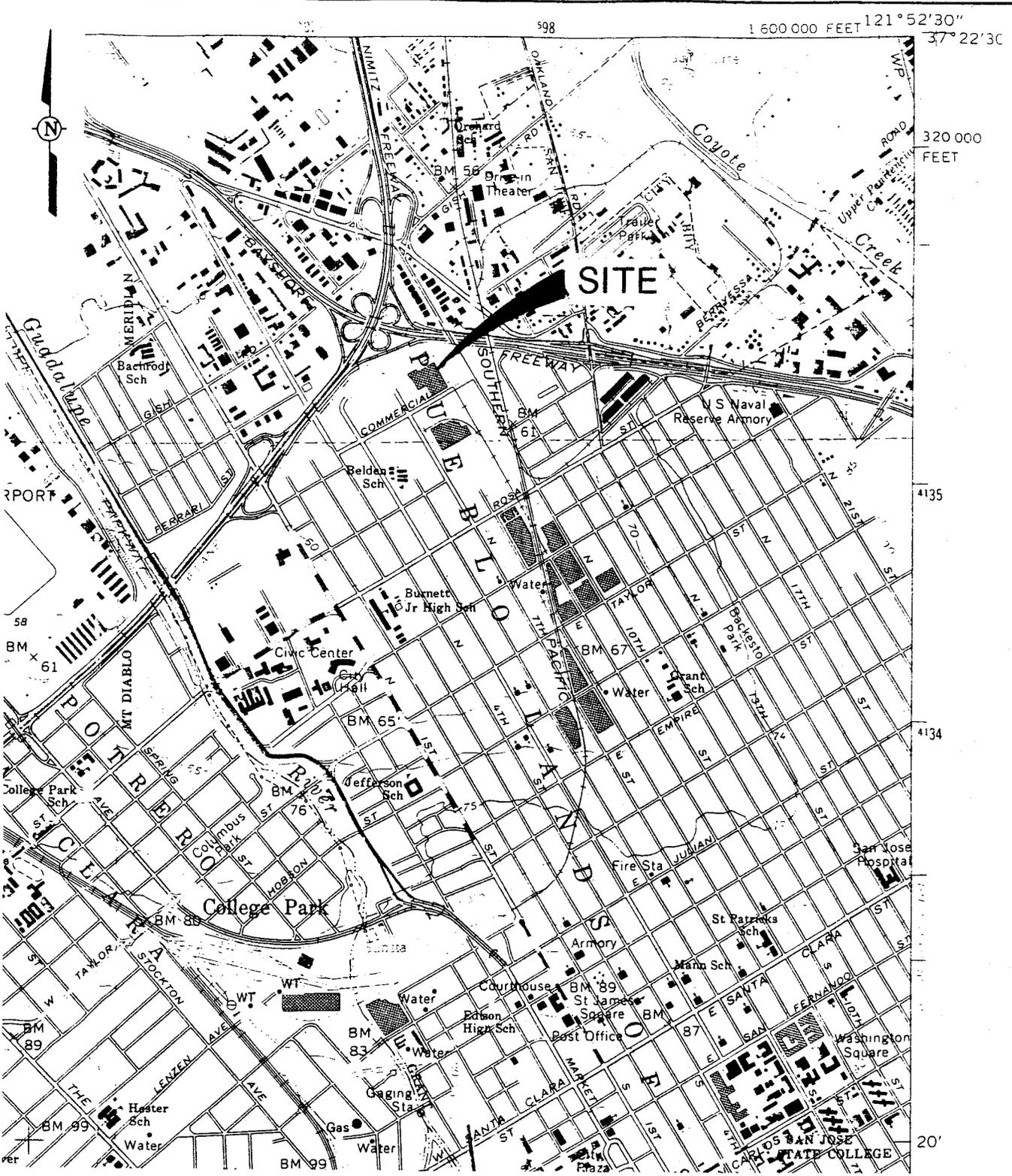


FIGURE 1

SITE LOCATION MAP

FLOWSERVE FACILITY

SAN JOSE CALIFORNIA

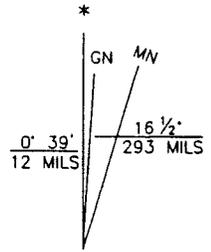
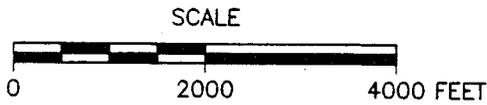
PREPARED FOR

FLOWSERVE CORPORATION

IRVING, TEXAS



**INTERNATIONAL
TECHNOLOGY
CORPORATION**



REFERENCE:
USGS 7.5' QUADRANGLE "SAN JOSE
WEST" DATED:1961, PHOTOREVISED:1980
SCALE 1:24000

BW-SKFVM(BW17)