

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

**ORDER No. R2-2007-0044  
NPDES PERMIT No. CA0038784**

**RESCISSION OF WASTE DISCHARGE REQUIREMENTS FOR:**

**COUNTY OF SANTA CLARA ROADS & AIRPORTS DEPARTMENT  
PUMP STATION AT OREGON EXPRESSWAY AND ALMA STREET  
PALO ALTO, SANTA CLARA COUNTY**

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

1. The County of Santa Clara Roads & Airports Department (hereinafter "Discharger") operates a pump station where the Oregon Expressway passes under Alma Street in Palo Alto.
2. The pump station collects and discharges groundwater from roadway underdrains to prevent the Oregon Expressway underpass from flooding. The pump station also collects storm water runoff (including urban runoff) from the area. The average groundwater flow is about 260 gallons per minute (gpm). Up to 450 gpm of combined groundwater and storm water flow is treated to remove volatile organic compounds (VOCs) and discharged to Matadero Creek.
3. On August 16, 2000, the Water Board adopted Order No. 00-085, reissuing NPDES Permit No. CA0038784 for the discharge. This permit covers the discharge of groundwater and storm water from the pump station.
4. On February 14, 2005, the Discharger submitted a timely application for permit reissuance; therefore, the permit was administratively extended beyond its expiration date.
5. The application describes the groundwater discharge characteristics, including concentrations of VOCs (i.e., 1,1,2,2-tetrachloroethane and trichloroethylene) and metals (i.e., chromium, copper, lead, mercury, nickel, selenium, and zinc).
6. Santa Clara County municipal storm water discharges are regulated under Order No. 01-024 (Permit No. CAS029718), as amended by Order No. 01-119 and Order No. R2-2005-0035. The air stripping treatment provided at the Oregon Expressway underpass does not add any pollutants to the storm water; therefore, duplicate regulation of the storm water is unnecessary.
7. The Water Board reissued General Permit No. CAG912003 (Order No. R2-2004-0055) on July 21, 2004, to regulate the discharge and reuse of extracted and treated

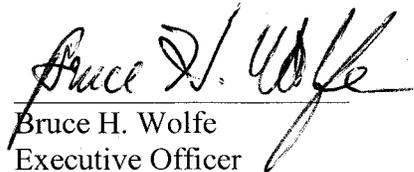
groundwater resulting from the cleanup of groundwater containing VOCs. All dischargers eligible for this permit may file a Notice of Intent to obtain coverage.

8. The Discharger's groundwater discharge qualifies for General Permit coverage because (a) it results from the cleanup of VOC-containing groundwater, (b) it is consistent with the water reuse policy provisions of Resolution No. 88-160, and (c) the treatment system is capable of ensuring that the discharge will meet the provisions, prohibitions, and limitations of the General Permit.
9. Because the storm water discharge is covered by another existing permit, and because the groundwater discharge may be covered by a general permit, the existing individual permit is unnecessary, and Order No. 00-085 should be rescinded.

IT IS HEREBY ORDERED, pursuant to provisions of the California Water Code (Division 7) and the regulations, plans, and policies adopted thereunder, that:

1. The Discharger shall file a Notice of Intent for coverage under General Permit No. CAG912003 no later than July 31, 2007.
2. Order No. 00-085 is rescinded effective September 30, 2007.

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 Region, on July 11, 2007.

  
Bruce H. Wolfe  
Executive Officer