



California Regional Water Quality Control Board

Los Angeles Region



Recipient of the 2001 *Environmental Leadership Award* from Keep California Beautiful

Linda S. Adams
Agency Secretary

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Arnold Schwarzenegger
Governor

November 27, 2006

Mr. Don Occhiline
Ventura County Department of Airports
555 Airport Way, Suite B
Camarillo, CA 93010

GENERAL WASTE DISCHARGE REQUIREMENTS COVERAGE FOR PROPOSED INJECTION OF FENTON'S REAGENT TO GROUNDWATER (ORDER NO. R4-2005-0030) (SERIES NO. 064) FORMER CONDOR HELICOPTER FACILITY, 2889 WEST FIFTH STREET, OXNARD (VCEHD #C86032) (CI NO. 9205)

Dear Mr. Occhiline:

We have received the document entitled "Application for General Waste Discharge Requirements Permit", dated August 25, 2006, submitted by Applied Environmental Technologies Inc. (AET), on behalf of Ventura County Department of Airports (VCDA) at the site.

The site is a former helicopter aviation fuel service station located at 2889 West Fifth street in Oxnard, California (Figure 1). Three underground storage tanks (USTs) containing aviation fuel and one UST containing gasoline were removed in 1991. The site is now owned by the Ventura County Department of Airport (VCDA). Soil contamination was detected beneath the northern end of the aviation fuel USTs. The impacted soil in the vadose zone has been treated with a vapor extraction system (VES) from 1994 to 1995. The cumulative VOC mass removed is 6,444 pounds.

A groundwater extraction system was conducted from 1994 to 1996 and from 2003 to 2005. Approximately 71.3 pounds of total petroleum hydrocarbons were removed from the groundwater. The groundwater extraction system and the vapor extraction system have been dismantled since 2005. On August 8, 2006, Applied Environmental Technologies, Inc. (AET) submitted an "Amended Correction Action Plan for Enhanced Groundwater Remediation Using Fenton's reagent" (CAP) to Ventura County Environmental Health Division (VCEHD) to clean up the residual contamination. VCEHD approved the workplan on July 10, 2006.

VCDA proposes to apply the Fenton's reagent into wells AEM-MW-5, GW-7 and GW-8 to clean up the residual petroleum hydrocarbon contaminants in groundwater. These wells shall be used for monitoring purposes only. VCDA is required to install two injection wells in the area near wells AEM-MW-5 and GW-8 and apply the Fenton's reagent through the injection wells.

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Mr. Don Occhiline
Ventura County Department of Airport

-2-

November 27, 2006

Regional Board staff have determined that the proposed discharge meets the conditions specified in Regional Board Order No. R4-2005-0030, "*General Waste Discharge Requirements for Groundwater Remediation at Petroleum Hydrocarbon Fuel and/or Volatile Organic Compound Impacted Sites*," adopted by this Regional Board on May 5, 2005.

The "Monitoring and Reporting Program" requires VCDA to implement the monitoring program on the effective date of this enrollment under Regional Board Order No. R4-2005-0030. VCDA's first monitoring report is due to this Board two months after the injection. All monitoring reports should be sent to the Regional Board, ATTN: Information Technology Unit.

When submitting monitoring or technical reports to the Regional Board per these requirements, please include a reference to "Compliance File No. CI-9205" which will assure that the reports are directed to the appropriate file and staff. Also, please do not combine other reports with your monitoring reports. Submit each type of report as a separate document.

We are sending a copy of Order No. R4-2005-0030 only to the applicant. A copy of the Order will be furnished to anyone who requests it.

If you have any questions, please contact Mr. Rodney Nelson at (213) 620-6119.

Sincerely,

Original Signed by

Jonathan A. Bishop
Executive Officer

Enclosures

Board Order No. R4-2005-0030
Monitoring and Reporting Program No. CI-9205

Cc: Yvonne Shanks, State Water Resources Control Board, Underground
Storage Tank Cleanup Fund(w/o Board Order No. R4-2005-0030)
Malia Cox, Ventura County Environmental Health Division
Scott Sankey, Applied Environmental Technologies Inc.

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