



California Regional Water Quality Control Board

Los Angeles Region



Winston H. Hickox
Secretary for
Environmental
Protection

Over 50 Years Serving Coastal Los Angeles and Ventura Counties
Recipient of the 2001 *Environmental Leadership Award* from Keep California Beautiful

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Phone (213) 576-6600 FAX (213) 576-6640 - Internet Address: <http://www.swrcb.ca.gov/rwqcb4>

January 16, 2003

Ms. Carol Dickerson
Stauffer Management Company, LLC
1800 Concord Pike
Wilmington, DE 19850-5437

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
CLAIM NO. 7000 0520 0024 7219 6456

Dear Ms. Dickerson:

GENERAL WASTE DISCHARGE REQUIREMENTS FOR GROUNDWATER REMEDIATION AT PETROLEUM HYDROCARBON FUEL AND/OR VOLATILE ORGANIC COMPOUND IMPACTED SITES – STAUFFER MANAGEMENT COMPANY, LLC, 2112 EAST 223rd STREET, CARSON, CALIFORNIA (FILE NO. 02-071)

We have completed our review of your application for Waste Discharge Requirements to re-inject treated water from the pump-and-treat system into the shallow aquifer at the subject site.

Groundwater underneath the Stauffer Management Company (SMC) site in Carson is impacted by 1,2-dichloroethane (1,2-DCA), trichloroethene (TCE), and vinyl chloride (VC). In April 2002, SMC proposed two pilot tests for the remediation of the groundwater. One is a passive test and the other is a semi-active test. The passive pilot test will involve the injection of emulsified soybean oil through six temporary injection points arranged in a semi-circle on the upgradient side of monitoring well MW-12B. It will be conducted near the southwest property boundary of the subject site for one week.

The semi-active pilot test will involve extraction of impacted groundwater from monitoring well MW-9A, addition and mixing of lactate and ethanol with extracted groundwater, and re-injection of the mixture back into the subsurface through re-injection well RIW-1. The test will be conducted near the center of the subject site and the planned duration is 4 to 6 months.

Regional Board staff have reviewed the information provided and have determined that the proposed discharge meets the conditions specified in Order No. R4-2002-0030, "General Waste Discharge Requirements for Groundwater Remediation at Petroleum Hydrocarbon Fuel and/or Volatile Organic Compound Impacted Sites," adopted by this Regional Board on January 24, 2002. Refer to the attached Fact Sheet.

Enclosed are your Waste Discharge Requirements, consisting of Regional Board Order No. R4-2002-0030 (Series No. 018) and the new Monitoring and Reporting Program No. CI-8523.

The "Monitoring and Reporting Program" requires you to implement the monitoring program on the effective date of this enrollment (January 16, 2003) under Regional Board Order No. R4-

California Environmental Protection Agency

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption

***For a list of simple ways to reduce demand and cut your energy costs, see the tips at:
<http://www.swrcb.ca.gov/news/echallenge.html>***



Our mission is to preserve and enhance the quality of California's water resources for the benefit of present and future generations.

Ms. Carol Dickerson
Stauffer Management Company, LLC

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2002-0030. All monitoring reports shall be sent to the Regional Board, ATTN: Information Technology Unit.

When submitting monitoring or technical reports to the Regional Board per these requirements, include a reference to "Compliance File No. CI-8523", which will assure that the reports are directed to the appropriate file and staff. 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. R4-2002-0030 only to the applicant. A copy of the Order will be furnished to anyone who requests it.

If you have any additional questions, please contact Mr. David Koo at (213) 620-6155.

Sincerely,

Dennis A. Dickerson
Executive Officer

Enclosures:

1. Board Order No. R4-2002-0030
2. Monitoring and Reporting Program No. CI-8523
3. Standard Provisions applicable to Waste Discharge Requirements (addressee only)
4. Fact Sheet

cc: Mr. Gordon Innes, Division of Water Quality, State Water Resources Control Board
Mr. Robert Sams, Office of Chief Counsel, State Water Resources Control Board
Mr. Michael Lauffer, Office of Chief Counsel, State Water Resources Control Board
Mr. Tim Smith, County of Los Angeles Department of Public Works, Environmental Programs Division, Underground Tanks
Mr. Steven Hariri, Los Angeles Regional Water Quality Control Board, Site Cleanup III
Mr. Brian Dean, Earth Tech

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