



California Regional Water Quality Control Board

Los Angeles Region



Alan C. Lloyd, Ph.D.
Agency Secretary

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

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Arnold Schwarzenegger
Governor

June 15, 2005

Dave Slater
Signal Hill Petroleum, Inc.
2901 E. Orange Ave.
Long Beach, CA 90755

Dear Mr. Slater:

WASTE DISCHARGE REQUIREMENTS FOR DISCHARGE AND ONSITE TREATMENT OF CONTAMINATED SOILS – ALAMITOS RIDGE DEVELOPMENT, SIGNAL HILL PETROLEUM, INC., LONG BEACH, FILE NO. 90-60-001(05)

On January 20, 2005, Signal Hill Petroleum, Inc. (Discharger), filed a Report of Waste Discharge (ROWD) with this Regional Board for land treatment of less than 100,000 cubic yards of petroleum hydrocarbon contaminated soil excavated from the Alamitos Ridge property at 2080 Obispo Avenue, Long Beach, CA. We have reviewed the ROWD, and have determined that all conditions specified in the “General Waste Discharge Requirements For Land Treatment Of Hydrocarbon Contaminated Soil”, Order No. 90-148, are satisfied.

Enclosed are waste discharge requirements (WDRs) consisting of:

- General WDRs, Order No. 90-148, and
- Monitoring and Reporting Program 90-60-001(05), made part herein of Order 90-148.

These WDRs allow land treatment of a maximum of 100,000 cubic yards of petroleum hydrocarbon contaminated soil excavated at the referenced Alamitos Ridge property. A separate ROWD shall be filed and approved in advance by this Regional Board if the volume of petroleum hydrocarbon contaminated soil which needs to be land treated from the project site exceeds 100,000 cubic yards.

As described in the ROWD, the Discharger proposes to use soils contaminated with low levels of petroleum hydrocarbons as backfill for regrading the Alamitos Ridge property. Only soils that meet approved remediation goals for total petroleum hydrocarbons (TPH) may be reused at the property. Additionally, soils contaminated with benzene or lead above EPA Region 9 Preliminary Remediation Goals proposed to be disposed of offsite, shall be disposed of at a legally permitted facility. The Discharger shall report the disposition methods for any

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soils used as backfill and/or disposed of offsite within ten days of the completion of the disposition of soils for this project.

If the soil is to be treated onsite, best management practices are to be used, including, the addition of water and nutrients, berming and other measures to control moisture within the treatment area. Verification soil sampling of the treated soil will be conducted at the rate of one sample per 200 cubic yards to verify compliance with these WDRs.

Groundwater monitoring is required at the site. You must document that no new contaminants are introduced to the subsurface (soil and groundwater) during the land treatment process at the site. A proposal for the selected groundwater monitoring wells shall be submitted for the Executive Officer's approval by August 15, 2005, and shall include drilling methods, construction details, and precise locations. Groundwater monitoring wells shall be installed and sampled prior to conducting land treatment operations.

Soil found to contain hazardous levels of heavy metals pursuant to title 22 of the California Code of Regulations must be segregated and handled separately. Soil excavated from any metal contaminated areas must not be placed in on-site land treatment units, but shall be treated or disposed of at a legally permitted facility.

A Health and Safety Plan shall be submitted prior to conducting any field activities and must be available at the site during the soil excavation, backfill, and land treatment process.

You may begin this land treatment project in accordance with the requirements of Order No. 90-148, and are directed to submit the reports required in the Monitoring and Reporting Program 90-60-001(05). All reports submitted to the Regional Board should reference File No. 90-60. Please note, Section II and Section IV (A) of the Monitoring and Reporting Program require verification sampling during land treatment and soil excavation.

If you have any questions, please contact Rodney Nelson at (213) 620-6119 or Enrique Casas at (213) 620-2259.

Sincerely,

Original Signed By
Jonathan S. Bishop
Executive Officer

Enclosures

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cc: Ken Murray, County of Los Angeles Department of Health Services
Frawn Granados, Alamos Ridge, LLC
George Paspalof, Brycon, LLC

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