



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

320 W. 4th Street, Suite 200, Los Angeles, California 90013
Phone (213) 576-6600 FAX (213) 576-6640 - Internet Address: <http://www.waterboards.ca.gov/losangeles>

Arnold Schwarzenegger
Governor



August 28, 2007

CERTIFIED MAIL NO. 7002 0860 0004 5295 7373
RETURN RECEIPT REQUESTED

Ms. Rita Sevlian
J & R Fuel
6954 Atlantic Boulevard
Long Beach, CA 908052

Dear Ms. Sevlian:

COVERAGE UNDER GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM AND WASTE DISCHARGE REQUIREMENTS—F & R FUEL, 6954 ATLANTIC BOULEVARD, LONG BEACH, CALIFORNIA (NPDES NO. CAG834001, CI-9301)

We have completed our review of your application for a permit to discharge waste under the National Pollutant Discharge Elimination System (NPDES).

Based on the attached Fact Sheet and other information provided, we have determined that the groundwater discharge meets the conditions to be regulated under Order No. R4-2007-0021, *Waste Discharge Requirements for Treated Groundwater and Other Wastewaters from Investigation and/or Cleanup of Petroleum Fuel-Contaminated Sites to Surface Waters in Coastal Watersheds of Los Angeles and Ventura Counties*, adopted by this Board on April 5, 2007.

Enclosed are your Waste Discharge Requirements, which also serve as your NPDES permit, consisting of Order No. R4-2007-0021 and Monitoring and Reporting Program No. CI-9301. The groundwater discharge from your facility flows into the Los Angeles River. Therefore, the discharge limitations in Attachment B.7.d. of Order No. R4-2007-0021 are applicable to your discharge.

The Monitoring and Reporting Program requires you to implement the monitoring program on the effective date of coverage under this permit. 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-9301 and NPDES No. CAG834001", 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. In order to avoid future annual fees, please submit written notification when the project has been completed and the permit is no longer needed.

We are sending a copy of Order No. R4-2007-0021 only to the applicant. For those on the mailing list, please refer to the Board Order sent to you previously. A copy of the Order will be furnished to anyone who requests it, or it can be obtained at our web site address: http://www.swrcb.ca.gov/losangeles/html/permits/general_permits.html.

California Environmental Protection Agency



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

Ms. Rita Sevljan
F & R Fuel

August 28, 2007

If you have any questions, please contact Gensen Kai at (213) 576-6651.

Sincerely,



Deborah J. Smith
Interim Executive Officer

Enclosures:

Fact Sheet for CI-9301
Order No. R4-2007-0021
Attachment A – Screening Levels for General NPDES Permit
Attachment B – Receiving Water Specific Limitations
Attachment D – Federal Standard Provisions
Attachment E – Monitoring and Reporting Program for No. CI-9301
Attachment G – Minimum Levels

cc: Environmental Protection Agency, Region 9, Permit Section (WTR-5)
U.S. Army Corps of Engineers
U.S. Fish and Wildlife Services, Division of Ecological Services
NOAA, National Marine Fisheries Service
Philip Isorena, SWRCB, NPDES Unit
California Department of Fish and Game, Marine Resources, Region 5
California Department of Health Services, Environmental Branch
Los Angeles County, Department of Public Works, Waste Management Division
Los Angeles County, Department of Health Services
City Manager, City of Long Beach
Jae Kim, Tetrattech

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STATE OF CALIFORNIA
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION
320 West 4th Street, Suite 200, Los Angeles, California 90013

**FACT SHEET
WASTE DISCHARGE REQUIREMENTS
FOR
J & R FUEL.**

**NPDES NO. CAG834001
CI-9301**

FACILITY ADDRESS

6954 Atlantic Blvd.
Long Beach, California 90805

FACILITY MAILING ADDRESS

6954 Atlantic Blvd.
Long Beach, California 90805

PROJECT DESCRIPTION:

J & R Fuel (Discharger) operates a retail fuel dispensing facility at 6954 Atlantic Boulevard in the City of Long Beach (See Figure 1 for the site location). The groundwater beneath the site is impacted by petroleum compounds. The Discharger proposes to extract the impacted groundwater with a High Vacuum Dual Phase Extraction (HVDPE) system. The HVDPE extracts groundwater containing both dissolved phase compounds and free-floating product. It is then passed through a knock-out tank to separate the liquids and vapors. The liquid is sent to a temporary storage tank, thence to a series of activated carbon canisters (See Figure 2 for treatment process) to remove the dissolved phase compounds. The treated water is discharged into a nearby storm drain.

VOLUME AND DESCRIPTION OF DISCHARGE:

Approximately 8,500 gallons per day of groundwater is discharged from the facility to Discharge Point 1 (Latitude: 33° 52' 52", Longitude: 118° 11' 10"). The discharge flows into the Los Angeles River, a water of the United States.

FREQUENCY OF DISCHARGE:

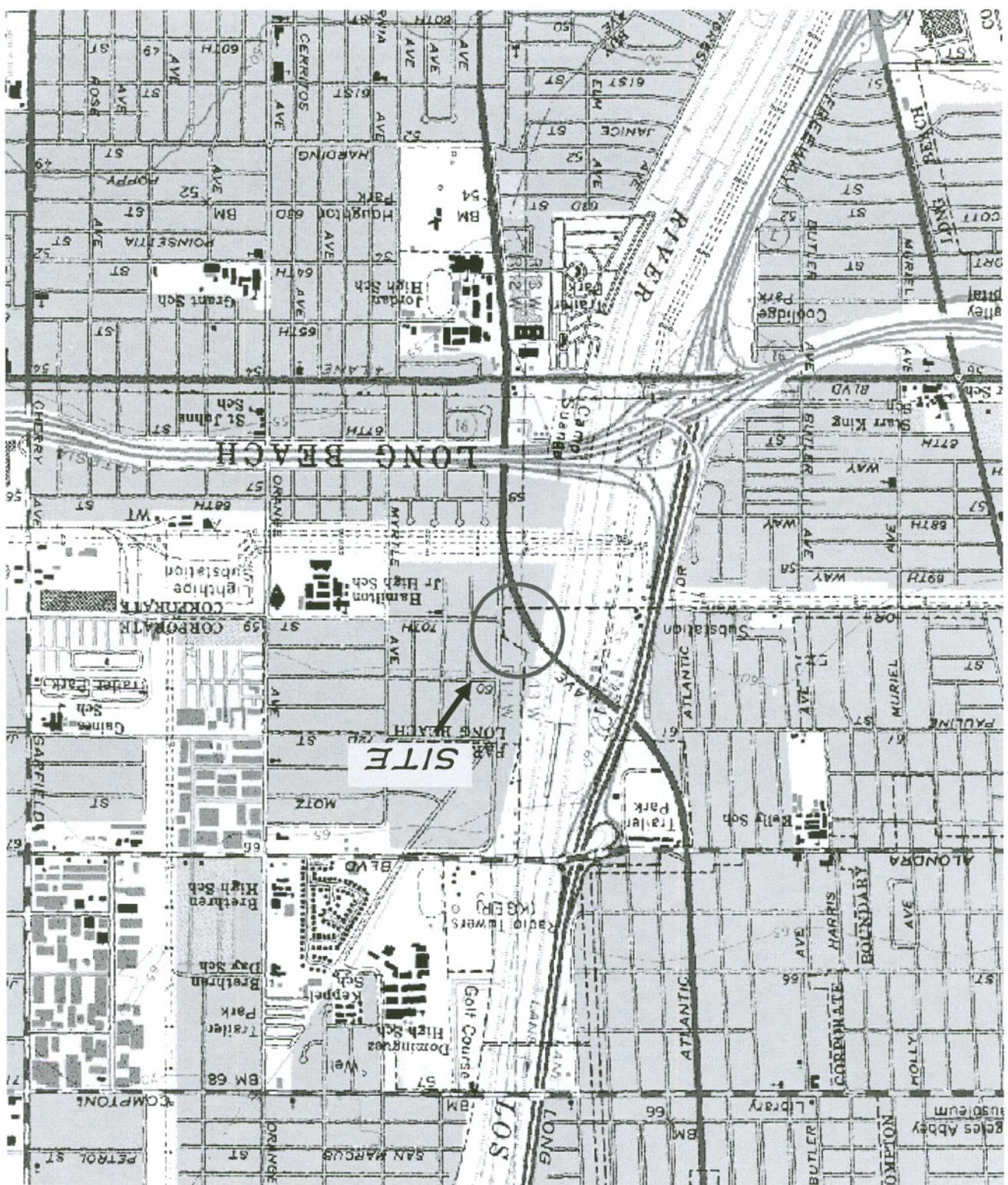
The groundwater discharge will be continuous for the duration of the treatment system operation.

REUSE OF WATER:

Offsite disposal of the groundwater is not feasible due to high cost of disposal. The property and the immediate vicinity have no landscaped areas that require irrigation using the groundwater. Since there are no feasible reuse options, the groundwater will be discharged to the storm drain in accordance with the attached order.

August 28, 2007

Figure 1. Site Location



SCHEMATIC FLOW DIAGRAM

HIGH VACUUM DUAL PHASE GROUND WATER EXTRACTION/TREATMENT SYSTEM

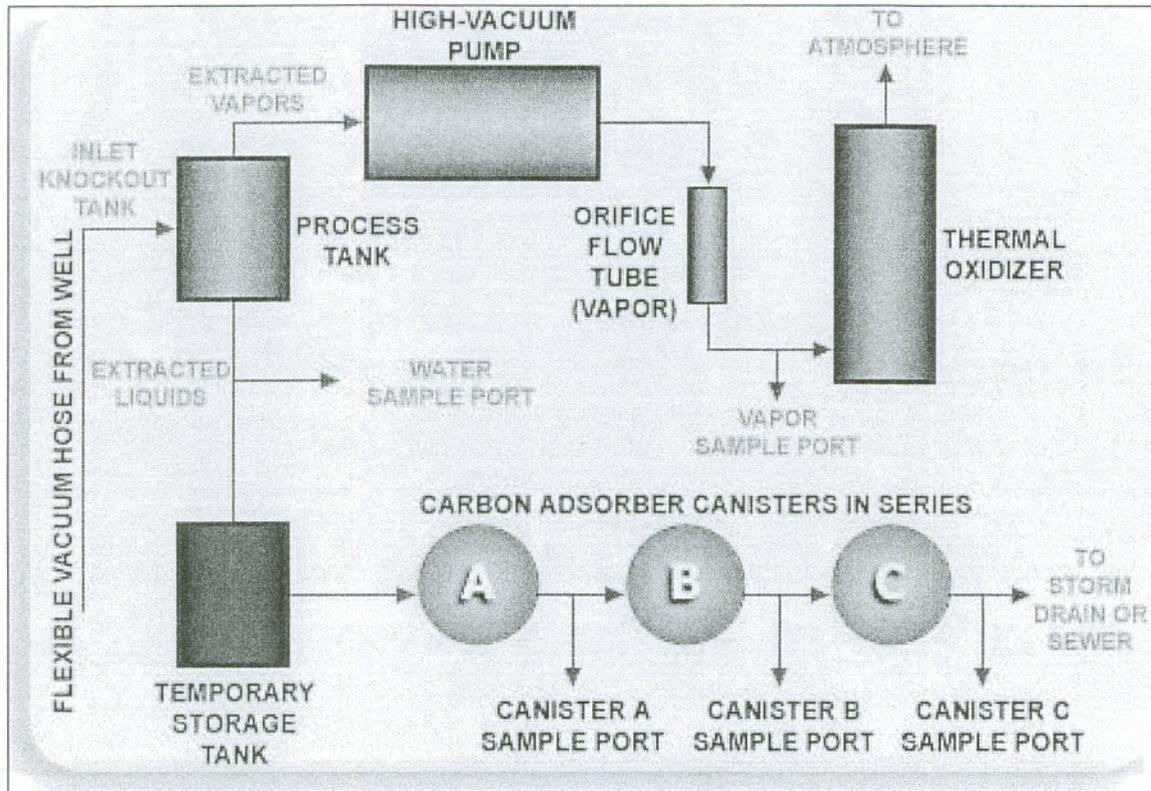


Figure 2. Treatment Process

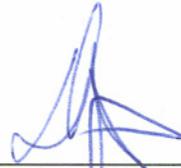
STATE OF CALIFORNIA
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION

MONITORING AND REPORTING PROGRAM NO. CI-9301
FOR
J & R Fuel

(GENERAL NPDES PERMIT NO. CAG834001)

Enrollment to Order No. R4-2007-0021 shall become effective	August 28, 2007
Monitoring and Reporting Program shall become effective	August 28, 2007

Ordered By:



Deborah J. Smith
Interim Executive Officer

Date:

August 28, 2007