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
EXXONMOBIL OIL CORPORATION
SERVICE STATION #18-H7A

ORDER NO. R4-2002-0030
FILE NO. 02-132

FACILITY ADDRESS
855 Wendy Drive
Newbury Park, CA 91320

FACILITY MAILING ADDRESS
855 Wendy Drive
Newbury Park, CA 91320

PROJECT DESCRIPTION:

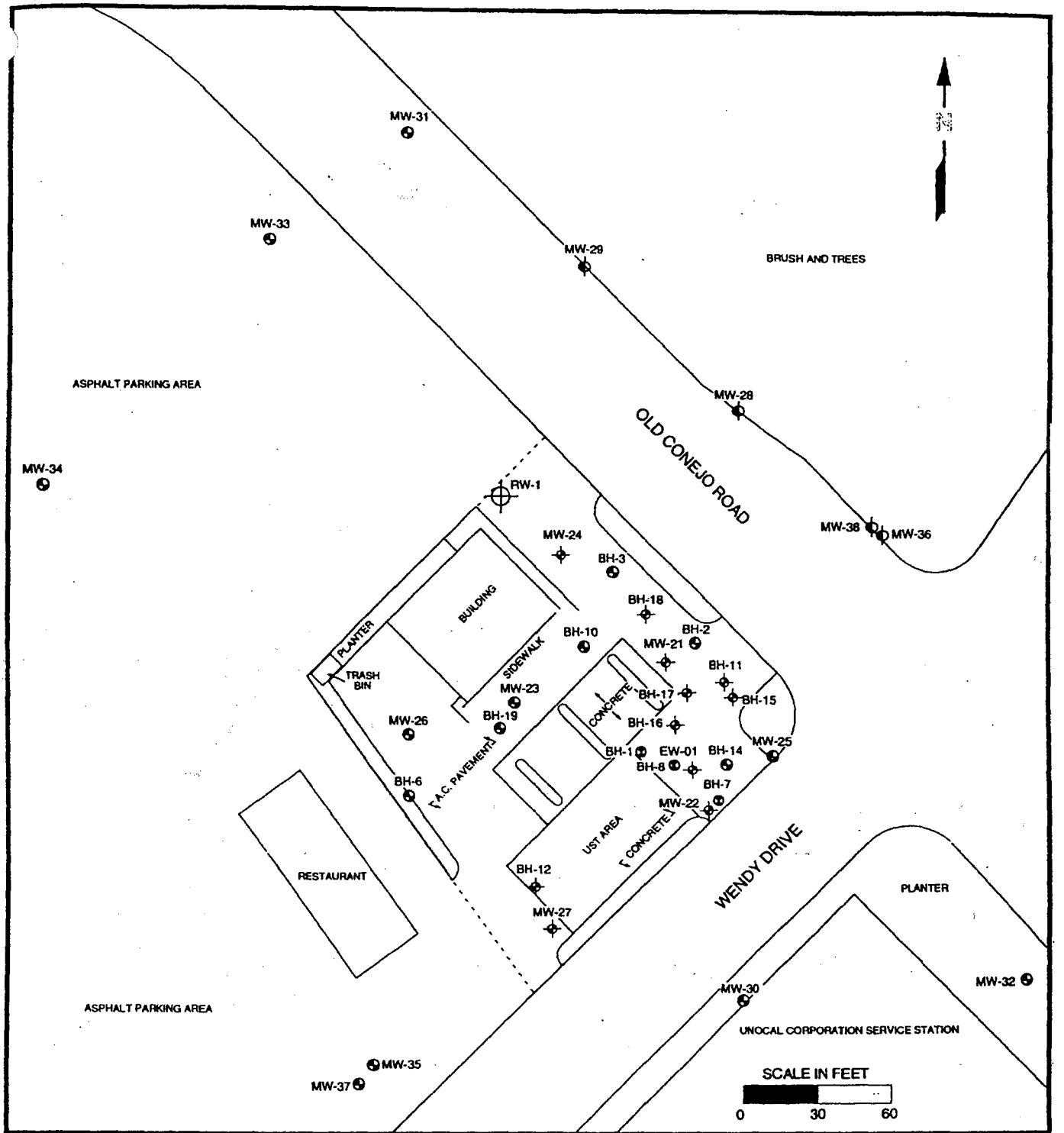
ExxonMobil Oil Corporation owns and operates the ExxonMobil Oil Corporation Service Station #18-H7A in the City of Newbury Park, California. In October of 1983, a leak of approximately 6,000 gallons was reported during the initial dispensing of product from newly installed tanks. In February 1993, a groundwater treatment system was installed on-site. The system connected eight wells to a surge tank and two 1,200-pound granular activated carbon (GAC) filters installed in series. Treated groundwater from the system was discharged to the storm drain under National Pollutant Discharge Elimination System (NPDES) Permit No. CA0062812. On March 4, 1997, the NPDES permit expired and the groundwater treatment system was shut down. A new NPDES Permit (CAG834001) was issued for the site on March 6, 1998. On February 5, 2002, Regional Board staff was informed that the treated groundwater would be re-injected into the subsurface. As a result, the NPDES Permit was terminated on March 22, 2002.

The existing groundwater treatment system will be upgraded by adding one additional activated carbon-adsorption canister. The upgraded system will then consist of 12 groundwater recovery wells, a 400-gallon surge tank with level controls, and a bag sediment filter followed by three activated carbon-adsorption canisters in a series. Treated groundwater from the system will be re-injected to depths of up to 50 feet below ground surface through one proposed injection well (refer to the attached Figure 1) with a designed injection rate of 7,200 gallons per day (gpd).

The most recent groundwater monitoring report (Second Quarter 2002) indicated that the depth to groundwater at the subject site ranges from 29.78 to 38.35 feet bgs in Zone A, and 33.7 to 45.73 feet bgs in Zone B (refer to the attached Figure 4) .

VOLUME AND DESCRIPTION OF DISCHARGE:

Treated water from the groundwater treatment system will be re-injected into the aquifer at a rate of 7,200 gpd through an injection well located at latitude 34° 11' 20" and longitude 188° 56' 27".



LEGEND	MOBIL OIL CORPORATION
GROUNDWATER MONITORING WELL PROPOSED INJECTION WELL LOCATION DUAL GROUNDWATER EXTRACTION/ VAPOR EXTRACTION WELL DUAL GROUNDWATER MONITORING/VAPOR EXTRACTION WELL ABANDONED/DESTROYED MONITORING WELL OR NEST	SERVICE STATION #18-H7A 855 WENDY DRIVE NEWBURY PARK, CALIFORNIA FIGURE 1 - PLOT PLAN **HOLGUIN, FAHAN & ASSOCIATES, INC.**

REVISION DATE: MARCH 12, 2001: MGH

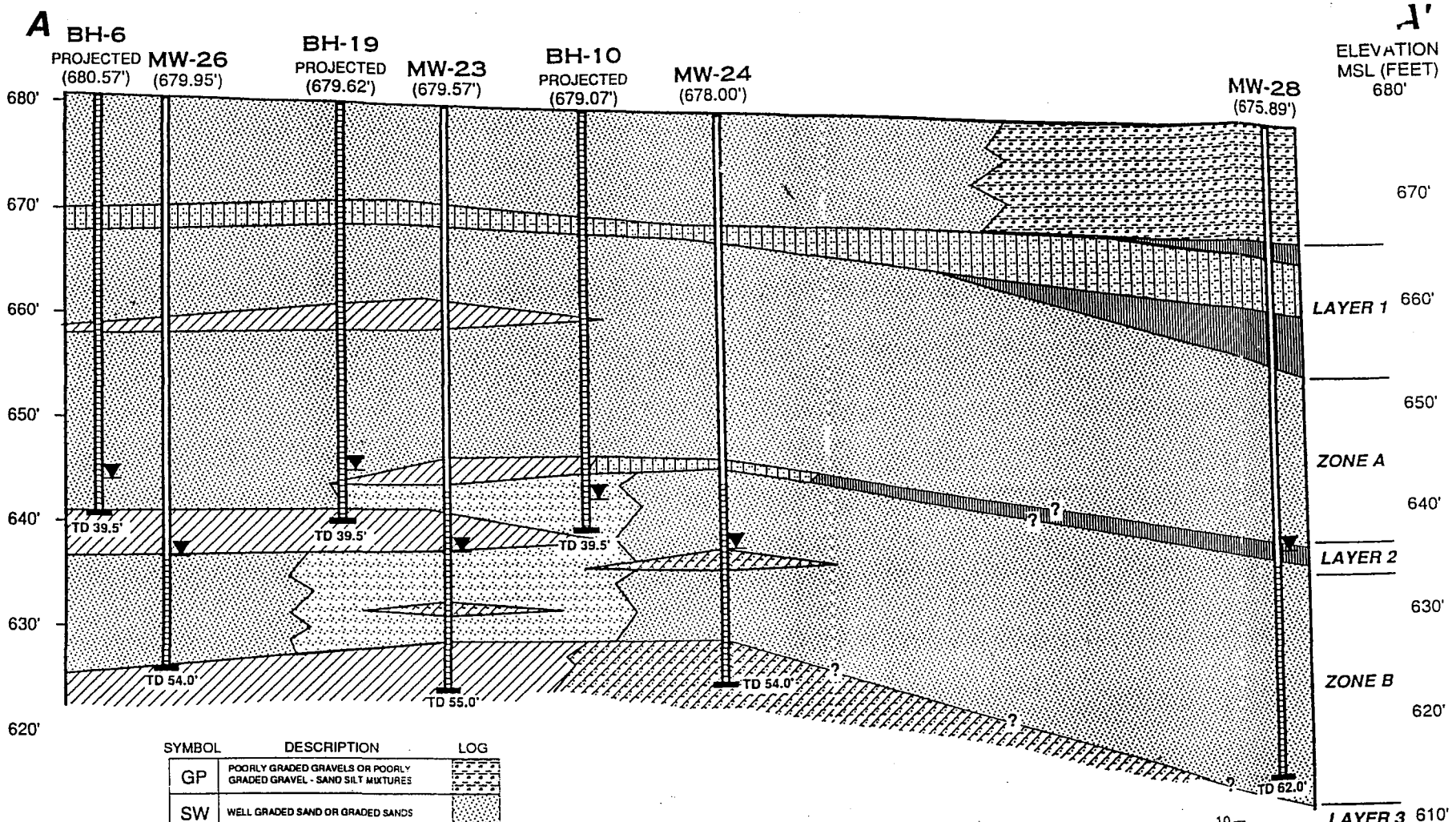


FIGURE 4
CROSS-SECTION A-A'
MOBIL SERVICE
STATION #11-H7A

SYMBOL	DESCRIPTION	LOG
GP	POORLY GRADED GRAVELS OR POORLY GRADED GRAVEL - SAND SILT MIXTURES	
SW	WELL GRADED SAND OR GRADED SANDS	
SP	POORLY GRADED SAND OR GRADED SANDS	
SM	SILTY SANDS OR POORLY GRADED SAND - SILT MIXTURES	
SC	CLAYEY SANDS OR POORLY GRADED SAND - CLAY MIXTURES	
ML	INORGANIC SILTS, VERY FINE SANDS SILTY/CLAYEY FINE SANDS, CLAYEY SILTS WITH SLIGHT PLASTICITY	
CL	INORGANIC CLAYS-LOW TO MEDIUM PLASTICITY,GRAVELLY,SANDY,SILTY OR LEAN CLAYS	

LITHOLOGIC UNITS BASED ON UNIFIED SOIL CLASSIFICATION SYSTEM

LEGEND
▼ GROUNDWATER LEVEL 3/25/91
(MW-26 MEASURED 2/11/91)

MSL MEAN SEA LEVEL

(679.95) TOP OF CASING ELEVATION

MW - MONITOR WELL

SCREENED INTERVAL

TD - TOTAL DEPTH

10
0
0
20

VERTICAL SCALE 1"=10'
HORIZONTAL SCALE 1"=20'

McLaren Hart

W1018911D5

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

MONITORING AND REPORTING PROGRAM NO. CI-8470
FOR
EXXONMOBIL OIL CORPORATION
SERVICE STATION #18-H7A

ORDER NO. R4-2002-0030 (Series No. 006)
FILE NO. 02-132

I. MONITORING AND REPORTING REQUIREMENTS

A. ExxonMobil Oil Corporation (hereinafter Discharger) shall implement this monitoring program on the effective date of this enrollment (October 2, 2002) under Regional Board Order No. R4-2002-0030. The first monitoring report under this program, for October – December 2002, shall be received at the Regional Board by January 15, 2003. Subsequent monitoring reports shall be received at the Regional Board according to the following schedule:

Monitoring Period	Report Due
January – March	April 15
April – June	July 15
July – September	October 15
October – December	January 15
Annual Summary Report	March 1 of each year

B. If there is no discharge during any reporting period, the report shall so state. Monitoring reports must be addressed to this Regional Board, Attention: Information Technology Unit.

C. By March 1 of each year, the Discharger shall submit an annual summary report to the Regional Board. The report shall contain both tabular and graphical summaries of the monitoring data obtained during the previous calendar year. In addition, the Discharger shall discuss the compliance record and the corrective actions taken or planned, which may be needed to bring the discharge into full compliance with the Requirements.

D. The Discharger shall comply with requirements contained in Section G. of Order No. R4-2002-0030 "*Monitoring and Reporting Requirements*" in addition to the aforementioned requirements.

October 2, 2002

II. WATER QUALITY MONITORING

A. Influent Monitoring

Representative samples of groundwater shall be obtained from extraction wells BH-1, BH-8, BH-11, BH-12, BH-15, BH-16, BH-17, BH-18, MW-21, MW-22, MW-24, and MW-27. These sampling stations shall remain the same and any proposed change of sampling locations shall be identified and approved by the Executive Officer prior to their use.

The following shall constitute the influent monitoring program for the groundwater from the extraction wells:

Constituents	Units	Type of Sample	Minimum Frequency of Analysis
pH	pH units	grab	quarterly
Temperature	°F	grab	quarterly
Total Petroleum Hydrocarbons (as gasoline)	µg/L	grab	quarterly
Total Petroleum Hydrocarbons (as diesel)	µg/L	grab	quarterly
Benzene	µg/L	grab	quarterly
Toluene	µg/L	grab	quarterly
Ethylbenzene	µg/L	grab	quarterly
Total Xylenes	µg/L	grab	quarterly
Methyl Tertiary Butyl Ether	µg/L	grab	quarterly
Tertiary Butyl Alcohol	µg/L	grab	quarterly
Di-isopropyl Ether	µg/L	grab	quarterly
Ethyl Tertiary Butyl Ether	µg/L	grab	quarterly
Tertiary Amyl Methyl Ether	µg/L	grab	quarterly
Ethanol	µg/L	grab	quarterly
Methanol	µg/L	grab	quarterly
Ethylene Dibromide	µg/L	grab	quarterly
Ethylene Dichloride	µg/L	grab	quarterly
Lead	µg/L	grab	quarterly

B. Groundwater Monitoring

Representative samples of groundwater shall be obtained from groundwater monitoring wells BH-7, BH-10, BH-14, MW-23, MW-25, MW-26, MW-30, MW-31, MW-32, and MW-34. A sampling station shall be established for each groundwater monitoring well and be located where representative samples can be obtained. These sampling stations shall remain the same and any proposed change of monitoring/injection locations shall be identified and approved by the Executive Officer prior to their use. The following shall

constitute the groundwater monitoring program:

Constituents	Units	Type of Sample	Minimum Frequency of Analysis
pH	pH units	grab	quarterly
Temperature	°F	grab	quarterly
Total Petroleum Hydrocarbons (as gasoline)	µg/L	grab	quarterly
Total Petroleum Hydrocarbons (as diesel)	µg/L	grab	quarterly
Benzene	µg/L	grab	quarterly
Toluene	µg/L	grab	quarterly
Ethylbenzene	µg/L	grab	quarterly
Total Xylenes	µg/L	grab	quarterly
Methyl Tertiary Butyl Ether	µg/L	grab	quarterly
Tertiary Butyl Alcohol	µg/L	grab	quarterly
Di-isopropyl Ether	µg/L	grab	quarterly
Ethyl Tertiary Butyl Ether	µg/L	grab	quarterly
Tertiary Amyl Methyl Ether	µg/L	grab	quarterly
Ethanol	µg/L	grab	quarterly
Methanol	µg/L	grab	quarterly
Ethylene Dibromide	µg/L	grab	quarterly
Ethylene Dichloride	µg/L	grab	quarterly
Lead	µg/L	grab	quarterly
Total dissolved solids	mg/L	grab	quarterly
Sulfate	mg/L	grab	quarterly
Chloride	mg/L	grab	quarterly
Boron	mg/L	grab	quarterly

All groundwater monitoring reports must include, at minimum, the following:

a. Well identification, date and time of sampling;
b. Sampler identification, and laboratory identification; and
c. Quarterly observation of groundwater levels, recorded to 0.01 feet mean sea level and groundwater flow direction.

III. WASTE HAULING REPORT

In the event that wastes are hauled for further treatment or to a disposal site, the name and address of the hauler of the waste shall be reported in each quarterly monitoring report, along with quantities hauled during the quarter, and the location of the final point of

disposal. If no wastes are hauled during the reporting period, a statement to that effect shall be submitted in the quarterly monitoring report.

IV. OPERATION AND MAINTENANCE REPORT

The Discharger shall file a technical report with this Regional Board, no later than 30 days after receipt of these Waste Discharge Requirements, relative to the operation and maintenance program for the groundwater treatment system. The information to be contained in that report shall include, at a minimum, the following:

1. The name, address, and telephone number of the person or company responsible for operation and maintenance of the groundwater treatment system;

2. Type of maintenance (preventive or corrective); and

3. Frequency of maintenance, if preventive.

V. MONITORING FREQUENCIES

Specifications in this monitoring program are subject to periodic revisions. Monitoring requirements may be modified or revised by the Executive Officer based on review of monitoring data submitted pursuant to this Order. Monitoring frequencies may be adjusted to a less frequent basis or parameters and locations dropped by the Executive Officer if the Discharger makes a request and the request is backed by statistical trends of monitoring data submitted.

VI. CERTIFICATION STATEMENT

Each report shall contain the following completed declaration:

"I certify under penalty of law that this document, including all attachments and supplemental information, was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of a fine and imprisonment.

Executed on the _____day of _____

at _____

_____(Signature)

_____(Title)"

All records and reports submitted in compliance with this Order are public documents and will be made available for inspection during business hours at the office of the California Regional Water Quality Control Board, Los Angeles Region, upon request by interested parties. Only proprietary information, and only at the request of the Discharger will be treated as confidential.

Ordered by: _____

Dennis A. Dickerson
Executive Officer

Date: October 2, 2002

Winston H. Hickox
Secretary for
Environmental
Protection

California Regional Water Quality Control Board

Los Angeles Region

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

320 W. 4th Street, Suite 200, Los Angeles, California 90013
Phone (213) 576-6600 FAX (213) 576-6640 - Internet Address: http://www.swrcb.ca.gov/rwqcb4

Gray Davis
Governor

October 2, 2002

Mr. Lee Hanley
ExxonMobil Oil Corporation
855 Wendy Drive
Newbury Park, CA 91320

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
CLAIM NO. 7000 0520 0024 7219 6401

Dear Mr. Hanley:

GENERAL WASTE DISCHARGE REQUIREMENTS FOR GROUNDWATER REMEDIATION AT PETROLEUM HYDROCARBON FUEL AND/OR VOLATILE ORGANIC COMPOUND IMPACTED SITES – EXXONMOBIL OIL CORPORATION SERVICE STATION #18-H7A, 855 WENDY DRIVE, NEWBURY PARK, CALIFORNIA (FILE NO. 02-132)

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

In February 1993, a groundwater treatment system was installed on-site. The system connected eight wells to a surge tank and two 1,200-pound granular activated carbon (GAC) filters installed in series. Treated groundwater from the system was discharged to the storm drain under National Pollutant Discharge Elimination System (NPDES) Permit No. CA0062812. On March 4, 1997, the NPDES permit expired and the groundwater treatment system was shut down. A new NPDES Permit (CAG834001) was issued for the site on March 6, 1998. On February 5, 2002, Regional Board staff was informed that the treated groundwater would be re-injected into the subsurface. As a result, the NPDES Permit was terminated on March 22, 2002.

The existing groundwater treatment system will be upgraded by adding one additional activated carbon-adsorption canister. The upgraded system will then consist of 12 groundwater recovery wells, a 400-gallon surge tank with level controls, and a bag sediment filter followed by three activated carbon-adsorption canisters in a series. Treated groundwater from the system will be re-injected to depths of up to 50 feet below ground surface with a designed injection rate of 7,200 gallons per day.

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 006) and the new Monitoring and Reporting Program No. CI-8470.

The "Monitoring and Reporting Program" requires you to implement the monitoring program on the effective date of this enrollment (October 2, 2002) under Regional Board Order No. R4-2002-0030. 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-8470", 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. R4-2002-0030 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-8470
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. David Salter, County of Ventura, Environmental Health Division