

**STATE OF CALIFORNIA
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL COAST REGION
895 Aerovista Place, Suite 101
San Luis Obispo, California 93401**

MONITORING AND REPORTING PROGRAM NO. R3-2004-0141
Waste Discharger Identification No. 271039002

For

**CHEVRONTEXACO EXPLORATION AND PRODUCTION COMPANY, SAN ARDO OILFIELD
WATER MANAGEMENT FACILITY
Monterey County**

EFFLUENT MONITORING

Water treatment facility effluent shall be monitored as follows:

Parameter	Units	Type of Sample	Minimum Analysis Frequency
Daily Flow	MGD	Metered	Daily
Settleable Solids	ml/l	Grab	Weekly
Total Suspended Solids	mg/l	Grab	Weekly
Total Dissolved Solids	mg/l	Grab	Weekly
Grease and Oil	mg/l	Grab	Weekly
Turbidity	NTU	Metered	Monthly
pH	units	Grab	Monthly
Total Nitrogen	mg/l	Grab	Monthly
Total Ammonia	mg/l	Grab	Monthly
Nitrate (as N)	mg/l	Grab	Monthly
Boron	mg/l	Grab	Monthly
Sodium	mg/l	Grab	Monthly
Chloride	mg/l	Grab	Monthly
Sulfate	mg/l	Grab	Monthly
Sodium Adsorption Ratio	calculated	Grab	Monthly
Total Petroleum Hydrocarbons Fractionation	µg/l	Grab	Semi-Annually (Jan. & July)

RECEIVING WATER MONITORING
(Ground Water)

Quarterly groundwater samples shall be grabbed from monitoring wells located upgradient and downgradient of the disposal area and analyzed for:

Constituent	Units	Minimum Sampling Frequency
Groundwater Elevation	feet	Quarterly (February, May, August, November)
Total Dissolved Solids	mg/L	
Sodium		
Chloride		
Sulfate		
Nitrogen (as N)		
Boron		

To ascertain a groundwater gradient, an additional groundwater elevation measurement shall be obtained from a third well.

Reporting

In reporting the monitoring data, the discharger shall arrange the data in tabular form so the date, the constituents, and the concentrations are readily discernable. Reports shall be submitted by the 20th day of each month. The reports shall include the following:

1. All data required by this monitoring program for the monitoring period.
2. An operational summary which shall discuss shut-downs and any non-routine operational changes made to the treatment or discharge system during the reporting period.
3. An evaluation and interpretation of the data.
4. A discussion of non-compliance issues and any recommended modifications to the monitoring program.

All reports required in this monitoring program are requested pursuant to Water Code Section 13267.

Ordered By _____
 Executive Officer

 Date