

California Regional Water Quality Control Board
North Coast Region

Monitoring and Reporting Program No. R1-2014-0042
(Rescinds and Replaces Monitoring and Reporting Program No. 98-43)

FOR

Exxon Company, U.S.A.
ExxonMobil

FORMER TEXACO
186 Dry Creek Road,
Healdsburg
Case No. 1TSO204

Sonoma County

This Monitoring and Reporting Program is issued pursuant to California Water Code Section 13267 (b) and requires monitoring of groundwater and submission of technical reports. The objective of monitoring conducted under this monitoring program is to provide the Discharger and the Regional Water Board with information concerning groundwater quality, contaminant trends, and remedial system operation.

This Monitoring and Reporting Program rescinds and replaces Monitoring and Reporting Program No. 98-43.

Under the authority of California Water Code section 13267, the Discharger named above is required to comply with the following:

MONITORING

1. Prior to purging, the depth to groundwater shall be determined to at least 0.01 foot increments. The results shall be reported in a table indicating the surveyed elevations of each well reference point, depth to groundwater from reference point, and the actual groundwater elevation. The data generated from the elevation readings must be referenced to the same elevation datum used for the electronic GeoTracker survey values.
2. Monitoring wells shall be sampled quarterly, semi-annually (during second and fourth quarters) or annually according to Table 1.
3. Laboratory analyses shall be performed at a California certified laboratory as follows:

Monitoring Wells

- Total petroleum hydrocarbons as gasoline and diesel
- Benzene, toluene ethylbenzene, and total xylenes (BTEX)
- Fuel oxygenates including methyl tertiary butyl ether (MTBE)

Domestic Wells

- MTBE and BTEX by EPA Method 524.2

REPORTING

1. An annual monitoring report, which evaluates site conditions and remediation effectiveness for the entire calendar year, shall be submitted on February 1 of the following year. Annual reports shall include all monitoring and sampling data collected for the year. Each annual report shall include groundwater elevation contour maps for all water bearing zones. An annual remediation system operational summary shall also be included, and shall contain a narrative of system operation, performance, and estimates of contaminant mass removed. Recommendations for remediation system optimization and further site characterization (if appropriate) shall be included in the annual report.
2. A quarterly monitoring report shall be submitted for the first (January, February March), second (April, May, June) and third (July, August, September) quarters. Quarterly reports are due 15 days after the end of each quarter and shall include laboratory analytical reports with the data summarized in a table. The quarterly report shall also contain an update on the remedial system operation with an estimate of contaminant mass removed.
3. The monitoring reports, analytical data, and depth to water measurements shall be submitted electronically to the State Water Resources Control Board's GeoTracker database as required by Title 23, Division 3, Chapter 30 of the California Code of Regulations.

Ordered by _____

Matthias St. John
Executive Officer

June 6, 2014

Table 1
Revised Monitoring Schedule

Monitoring and Remediation Wells			
Quarterly	Semi-Annual	Annual	Discontinued
MW20S	MW22D	MW16	MW2
MW20D	MW22LD	MW17	MW12
MW22S	MW24D	MW18D	MW21D
	MW24LD	MW18S	MW21LD
	MW24S	MW18S	MW21S
	MW27D	MW19D	MW4
	MW27S	MW19S	
	MW28D	MW23D	
	MW28S	MW23LD	
	MW29	MW23S	
	MW5D	MW26D	
		MW26LD	
		MW26S	
		MW3	
		R3	
		R4	
		R5	
		VP1	
Domestic Wells			
Quarterly	Semi-Annual	Annual	Discontinue
	14900 Grove Street	14936 Grove Street	14850 Grove Street
	14915 Grove Street	14979 Grove Street	14891 Grove Street
	15069 Grove Street	14984 Grove Street	14895 Grove Street
		15081 Grove Street	
		15095 Grove Street	
		15105 Grove Street	
		15119 Grove Street	
		15135 Grove Street	