

California Regional Water Quality Control Board
North Coast Region

MONITORING AND REPORTING PROGRAM ORDER NO. R1-2011-0066

FOR

RUTH SILNES
HOMAN TIRE
840 GRAVENSTEIN HIGHWAY NORTH
SEBASTOPOL
CASE NO. 1TSO064

Sonoma County

Monitoring

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. Reports are required on a quarterly basis. The objective of monitoring conducted under this monitoring program is to provide the Discharger and the Regional Water Board with information concerning groundwater quality during and following the In-Situ Chemical Oxidation pilot study.

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

Pilot Study Groundwater Monitoring

1. During the pilot study, Injection Monitoring Well DW-2 shall be measured for pH, temperature, pressure, and injection volume.
2. During the pilot study, nearby Monitoring Wells DW-5A, AS-5, and DW-4A shall be monitored on an hourly basis for pH, Temperature, oxidation-reduction potential (ORP), conductivity, dissolved oxygen (DO), and oxidants. If observations suggest the presence of Oxidant within the well(s), monitoring will cease.
3. Within three months of injection, and monthly thereafter as needed, followed by quarterly for one year, Injection Well DW-2, Monitoring wells DW-5A, AS-5, DW-4A and DW-5B shall be sampled for oxidants, pH, temperature, ORP, conductivity, DO, and sulfate. In addition, DW-2 and DW-5A will be sampled for TPH as gasoline, benzene, toluene, xylene, ethylbenzene, MTBE, 1,2-Dichloroethane, EDB, total chromium, hexavalent chromium, iron, manganese, bromide, and bromate.
4. Groundwater levels during the pilot study shall be measured quarterly in all monitoring wells. Current and historical data shall be tabulated and provide the

following: top of casing elevation, depth to water, and water table elevation above mean sea level.

5. Prior to sampling, the well(s) shall be properly purged. Purging, sampling and decontamination protocols, and field sampling logs shall be submitted. Logs shall include equilibrium measurements, pumping rates, and other pertinent information.

Reporting

6. The groundwater sampling results shall be submitted 30 days following the first groundwater sampling event identified in No. 3 above, and quarterly thereafter.

January, February March	April 15
April, May, June	July 15
July, August, September	October 15
October, November, December	January 15

7. Groundwater monitoring data and reports shall also be submitted electronically to the State Water Resources Control Board's Geographic Environmental Information Management System database (GeoTracker) as required by Title 23, Division 3, Chapter 30 of the California Code of Regulations).
8. Each report shall contain copies of the chain of custody including the date and time of sample collection, the name of the person collecting the samples, and the signed laboratory sheets including QA/QC. All laboratory analyses must be performed by a laboratory certified for those analyses by the State of California Department of Health Services.

Ordered by _____

Catherin Kuhlman
Executive Officer

May 25, 2011