

California Regional Water Quality Control Board  
North Coast Region

Monitoring and Reporting Program No. R1-2011-0049  
(Rescinding and Replacing Monitoring and Reporting Program No. R1-2008-0072)

Safety-Kleen Systems, Inc  
5750 Commerce Boulevard  
Rohnert Park

Sonoma County

This Monitoring and Reporting Program (MRP) is issued pursuant to California Water Code Section (CWC) 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 and contaminant trends at the site.

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

**MONITORING**

1. Prior to purging, the depth to groundwater in each monitoring well shall be determined to at least 0.01 foot increments monthly for the first quarter following the start-up of the multi-phase extraction system and quarterly thereafter. The data generated from the elevation readings must be referenced to the same elevation datum used for the electronic GeoTracker survey values.
2. All monitoring wells shall be sampled for baseline parameters annually including: dissolved oxygen, dissolved iron, sulfate, sulfide, nitrate, total organic carbon, temperature, pH, oxidation-reduction potential, and alkalinity.
3. Groundwater samples from all monitoring wells shall be collected and analyzed by a State of California certified laboratory for volatile organic compounds quarterly.
4. A sample shall be collected prior to the treatment system (influent sample) quarterly and analyzed for volatile organic compounds.

**REPORTING**

5. Monitoring reports shall be submitted to the Regional Water Board quarterly. Monitoring reports shall be prepared by or under the supervision of a California Registered Engineer or Geologist. Monitoring reports, shall be submitted to this office in accordance with the following schedule:

<b><u>Reporting Period</u></b>	<b><u>Due Date</u></b>
January, February, March	April 30
April, May, June	July 30
July, August, September	October 30
October, November, December	January 30

6. The following maps shall be submitted with each quarterly monitoring report:
  - A map of the facility showing the quarterly groundwater flow pattern, including the direction of the groundwater gradient and the location of all monitoring wells, and
  - A map of the facility showing the quarterly chemical concentrations.
7. Each report shall contain copies of the well purging and sampling field logs; chain of custody documents; and signed laboratory sheets including quality control data and explanation of analytical anomalies, if any. These supporting documents may be included as appendices to the report.
8. The results of each groundwater elevation measurement shall be reported in tabular form indicating the surveyed elevations of each reference point, depth to groundwater from reference point, and the actual groundwater elevation.
9. All monitoring reports, data and depth to groundwater measurements 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 16, Article 12 of the California Code of Regulations (AB 2886 electronic reporting requirements).
10. An annual progress report shall be submitted to the Regional Water Board by January 15 of each year. The annual report serves as a document to evaluate data generated throughout each calendar year. The report shall include a full evaluation of all data generated throughout the year, including concentration trend evaluation for all analyses performed, evaluation of all indicator parameters in terms of remedial effectiveness, conditions of the remedial system, and an overall evaluation of the effectiveness of the active remedial system.

Ordered by \_\_\_\_\_  
Catherine Kuhlman  
Executive Officer

April 5, 2011