

California Regional Water Quality Control Board
North Coast Region

MONITORING AND REPORTING PROGRAM NO. R1-2014-0039
(Rescinds and Replaces Monitoring and Reporting Program No. R1-2011-0049)

FOR

SAFETY KLEEN CORPORATION

Safety Kleen
5750 Commerce Boulevard
Rohnert Park
CASE NO. 1NSO246

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 and contaminant trends at the site.

This Monitoring and Reporting Program rescinds and replaces Monitoring and Reporting Program No. R1-2011-0049.

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 in all groundwater monitoring wells semiannually each year. The data generated from the elevation readings must be referenced to the same elevation datum used for the electronic GeoTracker survey values.
2. Floating product measurements, to at least 0.01 foot increments, and the presence of sheen, shall be reported in each groundwater monitoring report.
3. Groundwater samples shall be collected from all groundwater monitoring wells (MW-1, MW-2R, MW-4 through MW-12, and DMW-1 through DMW-5) semiannually during first and third quarters of each year.
4. All monitoring wells shall be sampled annually during third quarter of each year for baseline parameters including dissolved oxygen, dissolved iron, sulfate, sulfide, nitrate, total organic carbon, temperature, pH, oxidation-reduction potential, and alkalinity.
5. The water samples collected per Monitoring Item 3 above shall be analyzed for volatile organic compounds by EPA Method 8260B.

6. All laboratory analyses shall be performed at a laboratory certified by the California Department of Public Health. Analytical methods for sample analyses shall achieve practical quantification reporting limits that are adequate for evaluating regulatory action levels for each constituent.

REPORTING

1. Semiannual groundwater monitoring reports shall be submitted to the Regional Water Board in accordance with the following schedule:

<u>Quarter</u>	<u>Monitoring Period</u>	<u>Due Date</u>
1	January, February, March	May 1
3	July, August, September	November 1

2. 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.
3. A groundwater elevation contour map shall be included for each set of measurements and shall include the following:
 - a) location of the former facilities, including USTs,
 - b) location of groundwater monitoring wells with elevation measurements shown for each well; and
 - c) groundwater flow pattern including the direction of the groundwater gradient.
4. A contamination concentration map shall include the following:
 - a) location of the facilities;
 - b) location of the monitoring wells with groundwater contaminant concentrations shown for each well; and
 - c) location of former underground storage tank and dispenser area.
5. Current and previous analytical results shall be reported in tables which include the following:
 - a) sampling point;
 - b) date of sample collection;
 - c) constituents and analytical results;
 - d) quantification limits employed for non-detect analytical results; and
 - e) analytical method.
6. Each report shall contain copies of the well purging and sampling field logs; chain of custody documents showing the time and date of sample collection, and field sampling technician; and signed laboratory sheets including quality control data and explanations of analytical anomalies, if any. These supporting documents may be included as appendices to the report.

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7. Each report shall contain a description of the maintenance, operation and performance of the remedial system, including copies of influent laboratory analytical reports.
8. Each report shall contain one Site Plan map that shows all upper and lower zone groundwater monitoring wells on one map.
9. Monitoring reports shall be prepared by or under the supervision of a California Registered Engineer or Geologist.

Ordered by _____

Matthias St. John
Executive Officer

June 3, 2014