

California Regional Water Quality Control Board  
North Coast Region

**MONITORING AND REPORTING PROGRAM R1-2009-0111**

(Rescinding and Replacing  
Monitoring and Reporting Program R1-2004-0060)

For

ANDERSON VALLEY UNIFIED SCHOOL DISTRICT BUS BARN  
12300 Anderson Valley Way  
Boonville  
1TMC260

Mendocino County

**GROUNDWATER MONITORING**

1. At the time of sampling each monitoring well, and prior to purging the wells for sampling, monitoring wells MW-1, MW-3, MW-6, and MW-11 shall be checked for the presence or absence of free product. If free product is present, the thickness shall be measured to at least 0.01-foot increments.
2. At the time of sampling each monitoring well, and prior to purging each well, the depth to groundwater shall be determined to at least 0.01-foot increments. The data generated from the elevation readings shall be referenced to mean sea level.

**GROUNDWATER SAMPLING**

1. Monitoring wells MW-1, MW-6, and MW-11 shall be sampled semi-annually during the second and fourth quarters.
2. Monitoring well MW-8 shall be sampled annually during the second quarter of each year.
3. Monitoring Wells MW-2, MW-4, MW-7, MW-9, MW-10 and domestic wells, designated the New School, Kivel New, Kivel Old, and Addison Irrigation, are suspended from sampling. Monitoring of these wells will be required when the site is in verification monitoring.

**TREATMENT SYSTEM MONITORING**

1. Effluent and influent sampling shall be performed at the beginning of the irrigation season.
2. Effluent and influent sampling shall be conducted every three months after initial irrigation or after 30,000 gallons of discharge, which ever comes first.

**LABORATORY ANALYSIS**

1. All testing shall be performed at a laboratory certified by the California Department of Health Services.

2. All groundwater samples collected from monitoring wells shall be analyzed for:
  - Total petroleum hydrocarbons (TPH) as gasoline and diesel
  - Benzene, toluene, ethylbenzene, xylenes (BTEX)
3. All effluent and influent samples collected from the groundwater treatment system will be analyzed for:
  - Total petroleum hydrocarbons (TPH) as gasoline and diesel
  - Benzene, toluene, ethylbenzene, xylenes (BTEX)

### **REPORTING**

1. A groundwater elevation contour map shall be submitted for each monitoring event and include:
  - Location of all applicable facilities and residences
  - Groundwater flow pattern including groundwater gradient contour lines
  - Location of all of the monitoring wells and domestic wells
  - Location of the former underground tanks
2. Current and previous analytical results shall be reported in tables which include the following:
  - Identification of well sampled
  - Date of sample collection
  - Thickness of any floating product
  - Constituents and analytical results
  - Method detection limits
  - Volume of effluent pumped
  - Rate of pumping from extraction wells
  - Pounds of contaminant mass removed
3. Each report shall contain copies of chain of custody documents showing the time and date of collection and person collecting the sample, signed laboratory sheets including quality control data, and explanations of analytical anomalies or changes in the groundwater treatment system, if any. These supporting documents may be included as appendices to the report.
4. All laboratory data shall be submitted to the Regional Water Board within 30 days of receipt from the laboratory.
5. The monitoring reports and monitoring data shall also 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.
6. An annual report, including gradient and sampling data, shall be submitted to this office and must be received by February 15 of each year.

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

September 28, 2009