

California Regional Water Quality Control Board
North Coast Region

MONITORING AND REPORTING PROGRAM NO. R1-2009-0124
[Rescinding and Replacing Monitoring and Reporting Program No. R1-2007-0023]

FOR

WILLITS ENVIRONMENTAL REMEDIATION TRUST

PAGE PROPERTY

Mendocino 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. Reports are required on a semiannual 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 and contaminant trends at the site. This Monitoring and Reporting Program rescinds and replaces Monitoring and Reporting Program No. R1-2007-0023.

Under the authority of the 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 in all monitoring wells and piezometers shall be determined to at least 0.01 foot increments on a semiannual basis. The data generated from the elevation readings must be referenced to mean sea level.

SAMPLING AND LABORATORY ANALYSIS

2. Monitoring wells and surface water monitoring of Darby Creek shall be sampled and analyzed in accordance with Table 1 (attached).
3. All testing shall be performed at a laboratory certified by the California Department of Health Services.

REPORTING

4. Results of the monthly surface water sampling of Darby Creek shall be submitted within 30 days of the sampling event.
5. 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, Article 2, Sections 3890-3895 of the California Code of Regulations).

6. Groundwater monitoring reports shall include the following elements:
- a. A narrative description of the work conducted;
 - b. A groundwater elevation map for each sampling event;
 - c. A contaminant distribution map showing isograms for constituents of concern detected in groundwater during the monitoring event;
 - d. Analytical data tables including both current and historical analytical results;
 - e. Copies of the well purging and sampling field logs; chain of custody documents; and signed laboratory reports including quality control data and explanations of analytical anomalies, if any. These supporting documents may be included as appendices to the report.
7. Monitoring reports for the sampling shall be submitted to this office in accordance with the following schedule.

Sampling Period

October to March
April to September

Report Due

April 15
October 15

Ordered by _____

Catherine E. Kuhlman
Executive Officer

November 24, 2009

TABLE 1
Page Property

Well ID	Aquifer Zone	Hexavalent Chromium EPA Method 7196	Hexavalent Chromium EPA Method 7199	VOC's	1,4-Dioxane
Groundwater Monitoring					
PPMW-1	B	Semiannual	--	Annual	Annual
PPMW-2R	B	Semiannual	--	--	--
PPMW-3	B	--	--	--	Annual
PPMW-4	B	--	--	--	--
PPMW-5A	B	--	Annual	--	--
PPMW-5R	B	--	Annual	--	--
PPMW-6	B	--	--	--	--
PPMW-7	B	--	--	--	--
PPMW-8	B	--	--	--	--
PPLF-9A	B	Semiannual	--	--	Annual
PPLF-10	B	Semiannual	--	--	Annual
PPLF-11	B	Semiannual	--	--	Annual
PPMW-12	B	--	Annual	--	--
PPMW-13	B	--	Semiannual	--	--
PPMW-14	B	--	--	--	--
PPMW-15	B	--	--	--	--
PPMW-16	B	--	Annual	--	--
PPMW-17	B	--	Semiannual	--	--
PPMW-18	A	--	Annual	--	--
PPMW-19*	A	--	Semiannual	Semiannual	Semiannual
PPMW-20	B	Annual	--	--	--
PPMW-21	A	--	Semiannual	--	Annual
PPMW-22	A	--	Annual	--	--
PPMW-23*	A	--	Semiannual	Semiannual	Semiannual
PPMW-24	A	--	Semiannual	--	--
PPMW-25	B	--	Semiannual	--	--
PPMW-26	A	--	Semiannual	Semiannual	Semiannual
PPP-01	A	Semiannual	--	Annual	Annual
PPP-02	A	Semiannual	--	Annual	Annual
PPMW-29	A	Quarterly	--	Quarterly	Quarterly
PPMW-30	B	Quarterly	--	Quarterly	Quarterly
PPMW-33*	A	--	Quarterly	Quarterly	Quarterly
PPMW-34	B	--	Quarterly	Quarterly	Quarterly
PPMW-35	B	Quarterly	--	Quarterly	Quarterly
PPMW-38	B	Quarterly	--	**	**
Surface Water Monitoring					
SW-1	NA	--	Monthly	--	--
SW-2	NA	--	Monthly	--	--

Well ID	Aquifer Zone	Hexavalent Chromium EPA Method 7196	Hexavalent Chromium EPA Method 7199	VOC's	1,4-Dioxane
SW-3	NA	--	Monthly	--	--
SW-5	NA	--	Monthly	--	--
SW-6R	NA	--	Monthly	--	--

* PPMW-19, PPMW-23 and PPMW-33 are typically dry; samples collected when groundwater present.

** PPMW-38 shall be sampled once for VOCs and 1,4-Dioxane at which point the sampling frequency will be evaluated.