

**California Regional Water Quality Control Board
North Coast Region**

**MONITORING AND REPORTING PROGRAM
ORDER NO. R1-2005-0120**

For

HUMBOLDT WASTE MANAGEMENT AUTHORITY
CUMMINGS ROAD SOLID WASTE DISPOSAL SITE
CLASS III WASTE MANAGEMENT UNIT
WDID NO. 1B79133OHUM

Humboldt County

MONITORING

Compliance with this Monitoring and Reporting Program (MRP), and with the companion Standard Provisions and Reporting Requirements, is ordered by Cleanup and Abatement Order (CAO) No. R1-2005-0120, pursuant to Water Code Section 13267(b). Failure to comply with this MRP, or with the General Monitoring and Reporting Requirements, constitutes non-compliance with the CAO and with Division 7 of the Water Code, and can result in the imposition of civil monetary liability.

SAMPLING AND LABORATORY ANALYSIS

1. Surface water and storm water monitoring points shall be sampled and analyzed in accordance with the following table:

Sampling Point (1)	Sampling Frequency	VOCs (2)	General Laboratory Parameters (3)	Field Parameters (4)	Daily Rainfall
S-1	Daily		X	X	
S-7	Daily		X	X	
S-8	Daily		X	X	
S-9	Daily		X	X	
Each Individual French Drain Discharge Pipe	Monthly	X	X	X	
Behind First Toe Berm Silt Fence	Monthly	X	X	X	
At Landfill					X
Nearby Official Weather Station					X

- (1) S-1 is downgradient of the toe berm and lower sediment pond discharge; S-7 is downgradient of the interception trench discharge pipes; S-8 is from the upper sediment pond discharge pipe; and S-9 is a new point on Ryan Creek, upgradient of landfill activities that shall be established by the Discharger. French drain pipe locations must be given individual identification codes and their location, with identification code, submitted with the monthly monitoring reports. The silt fence sample location shall also be identified on the required site map.
 - (2) Volatile Organic Compounds (VOC) shall be analyzed using a full scan EPA Method 8260 (low level)
 - (3) General laboratory parameters for the purposes of this Monitoring and Reporting Program include total settleable solids, total suspended solids, total dissolved solids, potassium, sodium, nitrate, biological oxygen demand. Laboratory turnaround times shall be 7 days or less.
 - (4) Field parameters are turbidity, pH, specific conductance, dissolved oxygen, and temperature, estimated flow (gallons per minute)
2. All testing, other than field parameters, shall be performed at a laboratory certified by the California Department of Health Services.
 3. Instruments used for field parameters shall be kept in good condition and calibrated according to manufacturers requirements.

REPORTING

4. A monthly report shall be submitted by the 15th day of the month, beginning on January 15, 2006 and include all sampling results from the previous month.
5. Each report shall contain a map showing the monitoring locations, topographic contours, and major site features. The report shall include a narrative discussion of the monitoring results, including notations of any water quality violations, preceding tabular summaries of the water quality data. Daily rainfall data shall be tabulated. Records from daily rainfall measurements shall be included. In reporting the monitoring data required by this program, the Discharger shall arrange the data in tabular form so that the date, the constituents, the concentrations, and the units are readily discernible. The data shall be summarized in such a manner as to clearly illustrate compliance, or lack thereof, with the CAO. These reports shall be made by, or under the direction of, a professional civil engineer, or registered geologist, and be signed and stamped by this professional.
6. Each report shall also contain copies of the field sampling log, chain of custody, including the date and time of sample collection, the name of the person collecting the samples, and the signed lab sheets including QA/QC.

7. Results of the sampling field parameters shall be submitted via facsimile, prior to 5:00 p.m. each business day on the day of sample collection, to 707-523-0135, attention Gina Morrison.
8. Analytical results for the general laboratory field parameters and VOCs shall be sent directly from the laboratory to our office via facsimile to (707) 523-0135, attention Gina Morrison, the same day they are submitted to the Discharger.

Ordered by _____

Catherine E. Kuhlman
Executive Officer

November 29, 2005