

California Regional Water Quality Control Board  
North Coast Region

MONITORING AND REPORTING PROGRAM NO. R1-2004-0085

FOR

MGM BRAKES ASSEMBLY PLANT SITE  
1184 South Cloverdale Boulevard  
Cloverdale, California

Sonoma County

**MONITORING**

Storm Drain and Surface Water Monitoring

The storm drain outfall shall be sampled at the discharge point to the creek twice a year. The first sampling event shall be during the first hour of discharge from the first storm event. The water shall be analyzed for halogenated and aromatic volatile organic compounds using U.S. EPA Method 8260, and total petroleum hydrocarbons as diesel using U.S. EPA Method 8015. The list of halogenated and aromatic volatile organic compounds are included in Attachment A, hereinafter incorporated into the monitoring program.

Surface water shall be sampled quarterly at locations S1 through S8 for halogenated volatile organics compounds using EPA Method 8260 and annually for total petroleum hydrocarbons as diesel using U.S. EPA Method 8015.

Groundwater Monitoring

The depth to groundwater in each monitoring well shall be determined to at least 0.01 foot increments semiannually. The data generated from the elevation readings will be converted to mean sea level.

All groundwater analyses shall be performed at laboratory certified for those analyses by the California Department of Health Services. Groundwater monitoring wells shall be sampled and analyzed according to the following program:

Monitoring Well	Halogenated VOCs	Aromatic VOCs	Total Petroleum Hydrocarbons as diesel
MGM-1	2Y	--	--
MGM-2	A	2Y	--
MGM-3	A	A	A
MGM-4*	--	--	--
MGM-5	A	--	--
MGM-6	A	--	2Y
MGM-7	A	--	--
MGM-8	A	--	--
MGM-9	2Y	--	--

Monitoring Well	Halogenated VOCs	Aromatic VOCs	Total Petroleum Hydrocarbons as diesel
MGM-13	A	--	--
MGM-14	A	--	--
MGM-15d*	--	--	--
MGM-16*	--	--	--
MGM-17*	--	--	--
MGM-18*	--	--	--
MGM-19	A	--	--
MGM-20	A	--	--
MGM-21	SA	--	--
MGM-22	SA	--	--
MGM-23*	--	--	--
MGM-25	2Y	--	--
MGM-26	2Y	--	--
MGM-27e	SA	--	--
MGM-28	A	--	--
MGM-29e	SA	--	--
MGM-30	Q	--	A
MGM-31	SA	--	--
MGM-35	Q	--	--
MGM-36e	SA	--	2Y
MGM-37e	SA	--	2Y
MGM-38e	SA	--	2Y
MGM-39e	SA	--	2Y
MGM-40	Q	--	2Y
MGM-41e	SA	A	2Y
TMW-1*	--	--	--
TMW-2*	--	--	--
TMW-3*	--	--	--
TMW-4*	--	--	--
PZ-1	A	--	A
PZ-2	A	--	A
PZ-3	Q	--	A
PZ-4	Q	--	A
PZ-5	A	--	A

2Y means every two years

A means on an annual schedule

Q means a quarterly schedule

-- means no sampling required

\* These groundwater monitoring wells will be not be sampled, but used to calculate the potentiometric groundwater surface.

**REPORTING**

Groundwater elevation measurements for each monitoring event shall be reported in tabular form indicating the surveyed elevations of each well, reference point, depth to groundwater from reference point, and the actual groundwater elevation. The data generated from the elevation readings must be referenced to mean sea level.

Each semiannual monitoring report shall include the following elements:

- a. A narrative description of the work conducted
- b. Field notes and/or sampling logs documenting such activities as well purging
- c. Chain-of-custody documentation
- d. Laboratory analytical reports, including QA/QC data
- e. Site plan showing: all sampling points in relation to significant site features
- f. Groundwater elevation contours maps
- g. Constituent concentrations in groundwater plotted
- h. Data tables showing all historical analytical data for each sampling station

Monitoring reports shall be submitted by the 15th day following the end of the period in accordance with the following schedule:

<u>Reporting Period</u>	<u>Due Date</u>
January through June	July 15
July through December	January 15

Ordered by \_\_\_\_\_  
Catherine E. Kuhlman  
Executive Officer  
  
September 15, 2004

ATTACHMENT A  
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Halogenated VOCs

1,1,1-Trichloroethane  
1,1,2,2-Tetrachloroethane  
1,1,2-Tetrachloroethane  
1,1-Dichloroethane  
1,1-Dichloroethene  
1,2-Dichlorobenzene  
1,2-Dichloroethane  
1,2-Dichloropropane  
1,3-Dichlorobenzene  
1,4-Dichlorobenzene  
Bromodichloromethane  
Bromoform  
Bromomethane  
Carbon Tetrachloride  
Chlorobenzene  
Chloroethane  
Chloroform  
Chloromethane  
Cis-1,2-dichloroethene  
Cis-1,3-dichloropropene  
Dibromochloromethane  
Dichlorodifluoromethane  
Methylene Chloride  
Tetrachloroethene  
Trans-1,2-dichloroethene  
Trans-1,3-dichloropropene  
Trichloroethene  
Trichlorofluoromethane  
Trichlorotrifluoroethane  
Vinyl Chloride

Aromatic VOCs

Benzene  
Toluene  
Xylenes  
Ethylbenzene