

**STATE OF CALIFORNIA  
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
LOS ANGELES REGION**

**MONITORING AND REPORTING PROGRAM NO. CI-9085  
FOR  
CAL-STYLE FURNITURE MANUFACTURING COMPANY  
FORMER REYES CLARIFIER VICINITY  
FILE NO. 98-086**

Cal-Style Furniture Manufacturing Company/Masco (hereafter “Discharger”) shall implement this Monitoring and Reporting Program (MRP) on the effective date (September 14, 2006) of Regional Board Order No. R04-2006-0072. The Discharger shall not implement any changes to this MRP unless approved by the Executive Officer.

**I. GROUNDWATER MONITORING PROGRAM**

It is anticipated that the groundwater remediation will be initiated in the third quarter of 2006. The following groundwater wells will be included in the sampling program:

Injection Wells:	RW-1, RW-2, and RW-3
Monitoring Wells:	
In Plume:	MW-R1S, MW-R5S, and MW-R6S,
Cross-gradient:	MW-R3S and MW-R4S,
Upper-gradient:	MW-R2S
Down-gradient:	MW-R7S and MW-R8S

Figure 6 shows the layout and location of the groundwater wells on the Site.

Baseline sampling will take place within one month prior to injection for the same parameters listed in the following table.

The required constituents to be analyzed and the monitoring schedule for the 2-year remediation project are shown below.

CONSTITUENT	UNITS	TYPE OF SAMPLE	MINIMUM FREQUENCY OF ANALYSIS
Total Daily Injections	Liters	Measurement	Per injection in RW-1, RW-2, and RW-3
Groundwater Elevation	Feet below ground surface (bgs)	In situ	Monthly first quarter and quarterly thereafter
Dissolved Oxygen	mg/l	Grab	Monthly first quarter and quarterly thereafter
Oxidation-Reduction Potential	Millivolts	Grab	Monthly first quarter and quarterly thereafter
PH	pH units	Grab	Monthly first quarter and quarterly thereafter
Temperature	Degrees C	Grab	Monthly first quarter and quarterly thereafter
Specific Conductance	µS/cm	Grab	Monthly first quarter and quarterly thereafter

Turbidity	NTU	Grab	Monthly first quarter and quarterly thereafter
Chlorinated Volatile Organic Compounds (EPA Method 8260B)	µg/l	Grab	Monthly first quarter and quarterly thereafter
Total Organic Carbon (EPA Method 9060 Modified) and Volatile Fatty Acids	mg/l	Grab	Monthly first quarter and quarterly thereafter
<i>Dehalococcoides</i> PCR	presence or absence	Grab	Monthly first quarter and quarterly thereafter
Dissolved Metals (Manganese, Iron and Arsenic) and Anions (sulfate, nitrate, nitrite and chloride) and Total Sulfides	mg/l	Grab	Monthly first quarter and quarterly thereafter
Dissolved Hydrocarbon Gases (ethane, ethane, and methane)	mg/l	Grab	Monthly first quarter and quarterly thereafter

All groundwater monitoring reports must include, at minimum, the following:

- a. Well identification, date and time of sampling;
- b. Sampler identification, and laboratory identification; and
- c. Quarterly observation of groundwater levels, recorded to 0.01 feet mean sea level and groundwater flow direction.

## II. AMENDMENT INJECTION MONITORING REQUIREMENTS

The reports shall contain the following information regarding injection activities:

1. Depth of injection points;
2. Quantity of amendment (concentration and rate) injected and dates injected; and
3. Total amount of amendment injected in the reporting period.

## III. REPORTING REQUIREMENTS

- A. The Discharger shall implement this monitoring program on the effective date of this enrollment (September 14, 2006) under Regional Board Order No. R4-2006-0072. The first monitoring report under this Program is due by October 15, 2006.

Monitoring reports shall be received by the dates in the following schedule:

<u>Reporting Period</u>	<u>Report Due</u>
January – March	April 15
April – June	July 15
July – September	October 15
October – December	January 15

- B. The Discharger shall submit Reports detailing the results of the remediation. The reports should include an evaluation of the effectiveness of using the amendment and KB-1™ solution to remediate VOC-contaminated groundwater at the Site, the impact of any by-products on the receiving groundwater quality, and any other effects the in situ treatment may have.
- C. If there is no discharge or injection, during any reporting period, the report shall so state. Monitoring reports must be addressed to the Regional Board, Attention: Information Technology Unit.
- D. Whenever wastes associated with the discharge under this Order, are transported to a different disposal site, the following shall be reported in the monitoring report: type and quantity of wastes; name and address of the hauler (or method of transport if other than by hauling); and location of the final point(s) of disposal.

#### IV. CERTIFICATION STATEMENT

Each report shall contain the following completed declaration:

"I certify under penalty of law that this document, including all attachments and supplemental information, was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of a fine and imprisonment.

Executed on the \_\_\_\_ day of \_\_\_\_\_ at \_\_\_\_\_.

\_\_\_\_\_ (Signature)

\_\_\_\_\_ (Title)"

#### V. MONITORING FREQUENCIES

Specifications in this monitoring program are subject to periodic revisions. Monitoring requirements may be modified or revised by the Executive Officer based on review of monitoring data submitted pursuant to this Order. Monitoring frequencies may be adjusted to a less frequent basis or parameters and locations dropped by the Executive Officer if the Discharger makes a request and the request is backed by statistical trends of monitoring data submitted.

These records and reports are public documents and shall be made available for inspection during normal business hours at the office of the California Regional Water Quality Control Board, Los Angeles Region.

Ordered by: \_\_\_\_\_  
Jonathan S. Bishop  
Executive Officer

Date: September 14, 2006