

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

**MONITORING AND REPORTING PROGRAM NO. CI: 9131
FOR
FORMER BURTON PLATING**

**ENROLLMENT UNDER REGIONAL BOARD
ORDER NO. R4-2005-0030 (Series No. 050)
FILE NO. 06-139**

I. REPORTING REQUIREMENTS

- A. The Discharger shall implement this monitoring program for the site, located at 6341 Arizona Circle in Los Angeles, California (Figure 1), on the effective date of this enrollment ([July 21, 2006](#)) under Regional Board Order No. R4-2005-0030. The first monitoring report under this Program is due by [October 31, 2006](#).

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

<u>Reporting Period</u>	<u>Report Due</u>
January – March	April 30
April – June	July 31
July – September	October 31
October – December	January 31

- B. 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.
- C. By March 1 of each year, the Discharger shall submit an annual summary report to the Regional Board. The report shall contain both tabular and graphical summaries of the monitoring data obtained during the previous calendar year. In addition, the Discharger shall discuss the compliance record and the corrective actions taken or planned, which may be needed to bring the discharge into full compliance with the waste discharge requirements.
- D. Each monitoring report shall contain a separate section titled “Summary of Non-Compliance” which discusses the compliance record and the corrective actions taken or planned that may be needed to bring the discharge into full compliance with waste discharge requirements. This section shall be located at the front of the report and shall clearly list all non-compliance with discharge requirements, as well as all excursions of effluent limitations.
- E. The Discharger shall comply with requirements contained in Section G of Order No. R4-2005-0030 “*Monitoring and Reporting Requirements*” in addition to the aforementioned requirements.

II. HRC[®] MONITORING REQUIREMENTS

The quarterly reports shall contain the following information regarding injection activities:

1. Location Map showing the injection points for the HRC[®];
2. Written summary defining:
 - Depth of injection points;
 - Quantity of HRC[®] injected per injection point and per vertical spacing at each point; and
 - Total amount of HRC[®] injected.

III. GROUNDWATER MONITORING PROGRAM

A groundwater monitoring program shall be designed to detect and evaluate impacts associated with the HRC[®] injection activities. The following shall constitute the monitoring program for Monitoring Well Nos. W2, MW3, and MW4 (Figure 2). These sampling stations shall not be changed and any proposed change of monitoring locations shall be identified and approved by the Executive Officer prior to their use. The Discharger shall conduct baseline sampling prior to HRC[®] injection and regular sampling with the required frequencies of the monitoring wells mentioned above for the following groundwater parameters:

<u>CONSTITUENT</u>	<u>UNITS</u> ¹	<u>TYPE OF SAMPLE</u>	<u>MINIMUM FREQUENCY OF ANALYSIS</u>
pH	pH units	grab	Weekly ² /Bi-monthly ³ /Quarterly ⁴
Temperature	°F	grab	Weekly ² /Bi-monthly ³ /Quarterly ⁴
Oxidation-reduction potential	milivolts	grab	Weekly ² /Bi-monthly ³ /Quarterly ⁴
Specific conductivity	µmhos/cm	grab	Weekly ² /Bi-monthly ³ /Quarterly ⁴
Ferrous iron	µg/L	grab	Weekly ² /Bi-monthly ³ /Quarterly ⁴
Dissolved Oxygen	µg/L	grab	Weekly ² /Bi-monthly ³ /Quarterly ⁴
Acetone	µg/L	grab	Bi-monthly ³ /Quarterly ⁴

¹ mg/L: milligrams per liter; µg/L: micrograms per liter; µmhos/cm: microohms per centimeter;
°F: degree Fahrenheit

² The first two sampling events are required within fifteen days from the injection date. The constituents can be monitored using a field test instrument.

³ Bi-monthly sampling events are required after the first two sampling events for a period of six months.

⁴ Quarterly sampling events are required after the bi-monthly sampling events have been completed.

Tetrachloroethene	µg/L	grab	Bi-monthly ³ /Quarterly ⁴
Trichloroethene	µg/L	grab	Bi-monthly ³ /Quarterly ⁴
Cis-1,2-dichloroethene	µg/L	grab	Bi-monthly ³ /Quarterly ⁴
Trans-1,2-dichloroethene	µg/L	grab	Bi-monthly ³ /Quarterly ⁴
1,1-dichloroethene	µg/L	grab	Bi-monthly ³ /Quarterly ⁴
1,2-dichloroethane	µg/L	grab	Bi-monthly ³ /Quarterly ⁴
1,1,1-trichloroethane	µg/L	grab	Bi-monthly ³ /Quarterly ⁴
Carbon tetrachloride	µg/L	grab	Bi-monthly ³ /Quarterly ⁴
1,2,4-trimethylbenzene	µg/L	grab	Bi-monthly ³ Quarterly ⁴
1,1,1,2-trichloroethane	µg/L	grab	Bi-monthly ³ /Quarterly ⁴
Acetic acid	µg/L	grab	Bi-monthly ³ /Quarterly ⁴
Propionic acid	µg/L	grab	Bi-monthly ³ /Quarterly ⁴
Lactic acid	µg/L	grab	Bi-monthly ³ /Quarterly ⁴
Butyric acid	µg/L	grab	Bi-monthly ³ /Quarterly ⁴
Sulfide	µg/l	grab	Bi-monthly ³ /Quarterly ⁴
Total dissolved solids	mg/L	grab	Bi-monthly ³ /Quarterly ⁴
Sulfate	mg/l	grab	Bi-monthly ³ /Quarterly ⁴
Chloride	mg/L	grab	Bi-monthly ³ /Quarterly ⁴
Boron	mg/L	grab	Bi-monthly ³ /Quarterly ⁴
Manganese	m/L	grab	Bi-monthly ³ /Quarterly ⁴
Nitrate	mg/L	grab	Bi-monthly ³ /Quarterly ⁴
Carbon dioxide	mg/L	grab	Bi-monthly ³ /Quarterly ⁴
Total iron	µg/L	grab	Bi-monthly ³ /Quarterly ⁴
Priority pollutants ⁵	µg/L	grab	Two-time ⁶

⁵ A complete list of priority pollutants (Attachment A) is attached, but the Discharger is required to test only for volatile organic compounds (VOCs) on the priority pollutant list.

⁶ The first sampling event is required within the first year from the effective day of this permit and the second is required one year after the date of first sampling event.

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

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

IV. 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.

V. 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)"

All records and reports submitted in compliance with this Order are public documents and will be made available for inspection during business hours at the office of the California Regional Water Quality Control Board, Los Angeles Region, upon request by interested parties. Only proprietary information, and only at the request of the Discharger, will be treated as confidential.

Ordered by: _____
Jonathan Bishop
Executive Officer

Date: [July 21, 2006](#)