

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

**MONITORING AND REPORTING PROGRAM NO. CI-8821
FOR
HR TEXTRON, INC.**

**ORDER NO. R4-2002-0030 (Series No. 052)
FILE NO. 98-013**

I. Monitoring and Reporting Requirements

- A. HR Textron, Inc., (hereinafter Discharger) shall implement this monitoring program on the effective date of this enrollment (December 27, 2004) under Regional Board Order No. R4-2002-0030. The monitoring reports shall be submitted monthly by the 15th of the following month, for the first month of the project, with the first report due April 15, 2005. Following that, the first quarterly monitoring report under this program, for April – June 2005, shall be received at the Regional Board by July 15, 2005. Subsequent quarterly monitoring reports shall be received at the Regional Board according to the following schedule:

<u>Monitoring Period</u>	<u>Report Due</u>
January – March	April 15
April – June	July 15
July – September	October 15
October – December	January 15
Annual Summary Report	March 1 of each year

- 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. The Discharger shall comply with requirements contained in Section G. of Order No. R4-2002-0030 “*Monitoring and Reporting Requirements*” in addition to the aforementioned requirements.

II. Discharge Monitoring

25200 Rye Canyon Road: Monitoring of the nutrient injection points at the 25200 Rye Canyon Road property shall consist of samples collected from wells EW-6 and MW-18A. These wells shall be monitored for the life of the remediation project in accordance with the following discharge monitoring program:

<u>CONSTITUENT</u>	<u>UNITS</u>	<u>TYPE OF SAMPLE</u>	<u>MINIMUM FREQUENCY OF ANALYSIS</u> ^[1]
Total daily injection waste flow	liters/day (to indicate solution concentration)	In situ	Daily during injection
Total Chromium and chromium six ¹	µg/L	Grab	<ul style="list-style-type: none"> • 1 month before injection • Bi-weekly for the first month following injection • Monthly for the next 2 months • Quarterly thereafter
Chlorinated Volatile Organic Compounds (EPA Method 8260B)	µg/l	grab	<ul style="list-style-type: none"> • Monthly first month through third month • Quarterly thereafter
Total Organic Carbon (EPA Method 9060 Modified)	µg/l	grab	<ul style="list-style-type: none"> • Monthly first month through third month • Quarterly thereafter
Total dissolved solids and Total suspended solids	mg/l	grab	<ul style="list-style-type: none"> • Monthly first month through third month • Quarterly thereafter
Specific Conductivity	µmhos/cm	grab	<ul style="list-style-type: none"> • Monthly first month through third month • Quarterly thereafter
Turbidity	NTU	grab	<ul style="list-style-type: none"> • Monthly first month through third month • Quarterly thereafter
pH	pH units	grab	<ul style="list-style-type: none"> • Monthly first month through third month • Quarterly thereafter
Oxidation-reduction potential	millivolts	grab	<ul style="list-style-type: none"> • Monthly first month through third month • Quarterly thereafter
Temperature	°F/°C	grab	<ul style="list-style-type: none"> • Monthly first month through third month • Quarterly thereafter
Groundwater Elevation	Feet, mean sea level (msl) and below ground surface (bgs)	In situ	<ul style="list-style-type: none"> • Monthly first month through third month • Quarterly thereafter
Dissolved Oxygen	µg/l	grab	<ul style="list-style-type: none"> • Monthly first month through third month • Quarterly thereafter

Major Anions (bromide, chloride, sulfate, nitrate, nitrite, O-phosphate, and sulfide)	µg/l	grab	<ul style="list-style-type: none"> • Monthly first month through third month • Quarterly thereafter
Major Cations (barium, calcium, magnesium, manganese, potassium and sodium)	µg/l	grab	<ul style="list-style-type: none"> • Monthly first month through third month • Quarterly thereafter
Metals in Priority pollutant scan ²	µg/L	grab	<ul style="list-style-type: none"> • Annually

- 1 The Discharger is required to monitor for total chromium and chromium six if total chromium is detected in the baseline samples. The monitoring is required only for the well(s) where total chromium was detected.
- 2 Priority Pollutants are listed in Attachment 1

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.

Newhall Land and Farming Property: Monitoring of the nutrient, chitin and/or hydrogen release compound (HRC) injection points at the Newhall Land and Farming property shall consist of samples collected from wells A-34, A-35, and A-36. These wells shall be monitored for the life of the remediation project in accordance with the following discharge monitoring program:

<u>CONSTITUENT</u>	<u>UNITS</u>	<u>TYPE OF SAMPLE</u>	<u>MINIMUM FREQUENCY OF ANALYSIS</u> ^[1]
Total daily injection waste flow	liters/day (to indicate solution concentration)	In situ	Daily during injection
Total Chromium and chromium six ¹	µg/L	Grab	<ul style="list-style-type: none"> • 1 month before injection • Bi-weekly for the first month following injection • Monthly for the next 2 months • Quarterly thereafter
Chlorinated Volatile Organic Compounds (EPA Method 8260B)	µg/l	grab	<ul style="list-style-type: none"> • Monthly first month through third month • Quarterly thereafter
Total Organic Carbon (EPA Method 9060 Modified)	µg/l	grab	<ul style="list-style-type: none"> • Monthly first month through third month • Quarterly thereafter
Total dissolved solids and Total suspended solids	mg/l	grab	<ul style="list-style-type: none"> • Monthly first month through third month • Quarterly thereafter

Specific Conductivity	µmhos/cm	grab	<ul style="list-style-type: none"> • Monthly first month through third month • Quarterly thereafter
Turbidity	NTU	grab	<ul style="list-style-type: none"> • Monthly first month through third month • Quarterly thereafter
pH	pH units	grab	<ul style="list-style-type: none"> • Monthly first month through third month • Quarterly thereafter
Oxidation-reduction potential	millivolts	grab	<ul style="list-style-type: none"> • Monthly first month through third month • Quarterly thereafter
Temperature	°F/°C	grab	<ul style="list-style-type: none"> • Monthly first month through third month • Quarterly thereafter
Groundwater Elevation	Feet, mean sea level (msl) and below ground surface (bgs)	In situ	<ul style="list-style-type: none"> • Monthly first month through third month • Quarterly thereafter
Dissolved Oxygen	µg/l	grab	<ul style="list-style-type: none"> • Monthly first month through third month • Quarterly thereafter
Major Anions (bromide, chloride, sulfate, nitrate, nitrite, O-phosphate, and sulfide)	µg/l	grab	<ul style="list-style-type: none"> • Monthly first month through third month • Quarterly thereafter
Major Cations (barium, calcium, magnesium, manganese, potassium and sodium)	µg/l	grab	<ul style="list-style-type: none"> • Monthly first month through third month • Quarterly thereafter
Metals in Priority pollutant scan ²	µg/L	Grab	<ul style="list-style-type: none"> • Annually

- 1 The Discharger is required to monitor for total chromium and chromium six if total chromium is detected in the baseline samples. The monitoring is required only for the well(s) where total chromium was detected.
- 2 Priority Pollutants are listed in Attachment 1

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.

25217 Rye Canyon Road: Monitoring of the nutrient injection points at the 25200 Rye Canyon Road property shall consist of samples collected from wells A-33, A-31, MW-28, and A-30. These wells shall be monitored for the life of the remediation project in accordance with the following discharge monitoring program:

<u>CONSTITUENT</u>	<u>UNITS</u>	<u>TYPE OF SAMPLE</u>	<u>MINIMUM FREQUENCY OF ANALYSIS</u> ^[1]
Total daily injection waste flow	liters/day (to indicate solution concentration)	In situ	Daily during injection
Total Chromium and chromium six ¹	µg/L	Grab	<ul style="list-style-type: none"> • 1 month before injection • Bi-weekly for the first month following injection • Monthly for the next 2 months • Quarterly thereafter
Chlorinated Volatile Organic Compounds (EPA Method 8260B)	µg/l	grab	<ul style="list-style-type: none"> • Monthly first month through third month • Quarterly thereafter
Total Organic Carbon (EPA Method 9060 Modified)	µg/l	grab	<ul style="list-style-type: none"> • Monthly first month through third month • Quarterly thereafter
Total dissolved solids and Total suspended solids	mg/l	grab	<ul style="list-style-type: none"> • Monthly first month through third month • Quarterly thereafter
Specific Conductivity	µmhos/cm	grab	<ul style="list-style-type: none"> • Monthly first month through third month • Quarterly thereafter
Turbidity	NTU	grab	<ul style="list-style-type: none"> • Monthly first month through third month • Quarterly thereafter
PH	pH units	grab	<ul style="list-style-type: none"> • Monthly first month through third month • Quarterly thereafter
Oxidation-reduction potential	millivolts	grab	<ul style="list-style-type: none"> • Monthly first month through third month • Quarterly thereafter
Temperature	°F/°C	grab	<ul style="list-style-type: none"> • Monthly first month through third month • Quarterly thereafter
Groundwater Elevation	Feet, mean sea level (msl) and below ground surface (bgs)	In situ	<ul style="list-style-type: none"> • Monthly first month through third month • Quarterly thereafter
Dissolved Oxygen	µg/l	grab	<ul style="list-style-type: none"> • Monthly first month through third month • Quarterly thereafter
Major Anions (bromide, chloride, sulfate, nitrate, nitrite, O-phosphate, and sulfide)	µg/l	grab	<ul style="list-style-type: none"> • Monthly first month through third month • Quarterly thereafter

Major Cations (barium, calcium, magnesium, manganese, potassium and sodium)	µg/l	grab	<ul style="list-style-type: none"> • Monthly first month through third month • Quarterly thereafter
Metals in Priority pollutant scan*	µg/L	grab	<ul style="list-style-type: none"> • Annually

- 1 The Discharger is required to monitor for total chromium and chromium six if total chromium is detected in the baseline samples. The monitoring is required only for the well(s) where total chromium was detected.
- 2 Priority Pollutants are listed in Attachment 1

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.

III. 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)"

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.

HR Textron, Inc.
Monitoring and Reporting Program No. CI-8821

Site ID No. 2041Y00
Order No. R4-2002-0030

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: December 27, 2004