

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

MONITORING AND REPORTING PROGRAM NO. CI-9521
FOR
FREMONT CLEANERS, OXNARD
690 VENTURA ROAD
OXNARD, CALIFORNIA

ORDER NO. R4-2007-0019 (Series No. 091)
FILE NO. 09-072, SCP NO. 0842

I. Monitoring and Reporting Requirements

- A. The BGN Fremont Square, LP (hereinafter Discharger) shall implement this monitoring program on the effective date of this enrollment (August 13, 2009) under Regional Board Order No. R4-2007-0019. Upon the initiation of monthly groundwater monitoring and sampling, the first monitoring report shall be submitted by **February 15, 2010** for the first five months (August 2009 through December 2009) of this remediation program. Subsequent quarterly monitoring reports shall be received by the Regional Board according to the following schedule:

| <u>Monitoring Period</u> | <u>Report Due</u> |
|--------------------------|--|
| January – March | May 15 |
| April – June | August 15 |
| July – September | November 15 |
| October – December | February 15 |
| Annual Summary Report | November 1 of each year beginning in 2010 |

- 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 November 1 of each year, starting in 2010, 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. R4-2007-0019 "*Monitoring and Reporting Requirements*" in addition to the aforementioned requirements.

II. Discharge Monitoring

Prior to the start of the in-situ injection of Hydrogen Release Compound - Advanced (HRC-A), the Discharger shall sample from the following groundwater monitoring wells for baseline groundwater parameters: MW3, EW2, EW4, MW4 and proposed monitoring well MW9 (to be installed). Monitoring shall consist of samples collected from one monitoring well upgradient of the project area (MW3), two wells within the injection area (EW2, EW4), and two monitoring wells down gradient of the injection area (MW9 and MW4). Following the collection of baseline groundwater samples, all these 5 wells shall be monitored for the life of the HRC-A remediation project in accordance with the following discharge monitoring program:

| CONSTITUENT | UNITS | TYPE OF SAMPLE | MINIMUM FREQUENCY OF ANALYSIS |
|--|---|----------------|--|
| Total Daily Injection Waste Flow | liters/day (to indicate solution concentration) | in situ | <ul style="list-style-type: none"> Daily during injection |
| Total Organic Carbon (Soil) (EPA Method 415.1) | mg/kg | grab | <ul style="list-style-type: none"> Baseline prior to injection |
| Total Organic Carbon (groundwater) (EPA Method 9060 Modified) | µg/L | grab | <ul style="list-style-type: none"> Baseline prior to injection Monthly first month through third month Quarterly thereafter |
| Chlorinated Volatile Organic Compounds (EPA Method 8260B) | µg/L | grab | <ul style="list-style-type: none"> Baseline prior to injection Monthly first month through third month Quarterly thereafter |
| Total Dissolved Solids and Total Suspended Solids | mg/L | grab | <ul style="list-style-type: none"> Baseline prior to injection Monthly first month through third month Quarterly thereafter |
| Specific Conductivity | µmhos/cm | grab | <ul style="list-style-type: none"> Baseline prior to injection Monthly first month through third month Quarterly thereafter |
| Turbidity | NTU | grab | <ul style="list-style-type: none"> Baseline prior to injection Monthly first month through third month Quarterly thereafter |
| PH | pH units | grab | <ul style="list-style-type: none"> Baseline prior to injection Monthly first month through third month Quarterly thereafter |
| Oxidation-Reduction Potential | millivolts | grab | <ul style="list-style-type: none"> Baseline prior to injection Monthly first month through third month Quarterly thereafter |
| Temperature | °F/°C | grab | <ul style="list-style-type: none"> Baseline prior to injection 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"> Baseline prior to injection Monthly first month through third month Quarterly thereafter |

| CONSTITUENT | UNITS | TYPE OF SAMPLE | MINIMUM FREQUENCY OF ANALYSIS |
|--|-------|----------------|--|
| Dissolved Oxygen | µg/L | grab | <ul style="list-style-type: none"> • Baseline prior to injection • 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"> • Baseline prior to injection • 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"> • Baseline prior to injection • Monthly first month through third month • Quarterly thereafter |
| Ferrous Iron, Manganese, Arsenic, Lead | µg/L | grab | <ul style="list-style-type: none"> • Baseline prior to injection • Quarterly thereafter |
| CO ₂ , CH ₄ , Ethane, Ethene | µg/L | grab | <ul style="list-style-type: none"> • Baseline prior to injection • Quarterly thereafter |
| Metabolic Acids | µg/L | grab | <ul style="list-style-type: none"> • Baseline prior to injection • Quarterly thereafter |

Footnotes:

- 1) Groundwater elevation data shall be collected from all monitoring wells at the site during each monitoring event and a groundwater potentiometric surface map shall be created from the data and provided in the monitoring reports.

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.

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:



Tracy J. Egoscue
Executive Officer

Date: August 13, 2009