
Los Angeles Regional Water Quality Control Board

August 7, 2013

Mr. Charles Brashear
Doubletree Cheviot Holdings, LLC
7301 Vista Del Mar, Suite A-109
Playa Del Rey, California 90293

REVISED MONITORING AND REPORTING PROGRAM NO. CI-9673 – CHEVIOT HILLS SHOPPING CENTER, 9836 NATIONAL BOULEVARD, LOS ANGELES, CALIFORNIA (FILE NO. 11-008, ORDER NO. R4-2007-0019, SERIES NO. 153, CI-9673, GLOBAL ID. WDR100001294)

Dear Mr. Brashear:

On March 7, 2011, the California Regional Water Quality Control Board, Los Angeles Region (Regional Board) enrolled you under general Waste Discharge Requirements (WDR Order No. R4-2007-0019) with a Monitoring and Reporting Program (MRP) No. CI-9673 for injection of sodium permanganate for groundwater remediation of volatile organic compounds.

On behalf of Doubletree Cheviot Holdings, LLC, The Reynolds Group submitted the *Second Addendum to Remedial Action Plan (Addendum)*, dated March 28, 2013, for injection of 3-D Microemulsion (3DMe) and Hydrogen Release Compound Primer (HRC Primer) products to enhance anaerobic bioremediation of tetrachloroethylene impacted groundwater beneath the Site. Approximately 8,627 gallons of 10% of 3DMe and HRC Primer solution will be injected into 9 injection points at depths between 40 and 70 feet below ground surface near monitoring wells MW-1, MW-3, and MW-10. The proposed injection activities are expected to take approximately 2 weeks. On May 8, 2013, the Regional Board staff approved the Addendum.

The revised MRP, which incorporates the 3DMe and HRC Primer injection, is enclosed. The next monitoring report is due on **October 15, 2013** as required in the revised MRP. Please do not combine other reports with your monitoring reports. Submit each type of report as a separate document.

The Discharger shall comply with the Electronic Submittal of Information (ESI) requirements by submitting all reports required under the MRP, including groundwater monitoring data, discharge location data, and pdf monitoring reports to the State Water Resources Control Board GeoTracker database under Global ID WDR100001294. ESI training video is available at: <https://waterboards.webex.com/waterboards/ldr.php?AT=pb&SP=MC&rID=44145287&rKey=7dad4352c990334b>

For all parties who upload electronic documents to State Database GeoTracker, it is no longer necessary to email a copy of these documents to losangeles@waterboards.ca.gov or submit hard copies to our office. The Regional Board will no longer accept documents (submitted by either hard copy or email) already uploaded to GeoTracker. Please see Electronic Submittal to the Los Angeles Regional Board for GeoTracker Users dated December 12, 2011 for further details at:

<http://www.waterboards.ca.gov/losangeles/resources/Paperless/Paperless%20Office%20for%20OGT%20Users.pdf>

To avoid paying future annual fees, please submit a written request for termination of your enrollment under the general WDR in a separate letter when the project is completed and the WDR is no longer needed. Be aware that the annual fee covers the fiscal year billing period beginning July 1 and ending June 30, the following year. You will pay the full annual fee if your request for termination is made after the beginning of the new fiscal year beginning July 1.

If you have any questions, please contact the Project Manager, Dr. Ann Chang at (213) 620-6122 (achang@waterboards.ca.gov), or the Chief of Groundwater Permitting Unit, Dr. Eric Wu at (213) 576-6683 (ewu@waterboards.ca.gov).

Sincerely,



Samuel Unger, P.E.
Executive Officer

Enclosure: Revised Monitoring and Reporting Program No. CI-9673 dated August 7, 2013

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

REVISED MONITORING AND REPORTING PROGRAM NO. CI-9673
FOR
CHEVIOT HILLS SHOPPING CENTER
9836 NATIONAL BOULEVARD, LOS ANGELES, CALIFORNIA

ENROLLMENT UNDER REGIONAL BOARD
ORDER NO. R4-2007-0019 (SERIES NO. 153)
FILE NO. 11-008

I. MONITORING AND REPORTING REQUIREMENTS

- A. Doubletree Cheviot Holdings, LLC (hereinafter Discharger) shall implement this Monitoring and Reporting Program (MRP) on the effective date (August 7, 2013) under Regional Board Order No. R4-2007-0019. The next monitoring report under this program, shall be received at the Regional Board by **October 15, 2013**. Subsequent 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

- B. If there is no discharge or injection, during any reporting period, the report shall so state. 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.
- C. 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 PROGRAM

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

1. Location map showing injection points used for the 3-D Microemulsion (3DMe) and Hydrogen Release Compound Primer (HRC Primer) solution.
2. Written and tabular summary defining depth of injection points, quantity of the 3DMe and HRC Primer solution injected at each injection point, and total amount of the 3DMe and HRC Primer solution injected at the Site.
3. Visual inspection at each injection point shall be conducted and recorded during the injection.

III. GROUNDWATER MONITORING PROGRAM

A groundwater monitoring program shall be implemented to evaluate impacts associated with the injection activity. Groundwater samples shall be collected from monitoring wells MW-1R, MW-2, MW-4, MW-8, MW-9, MW-12, MW-13, MW-14, and MW-15 (Figure 1). The Discharger shall conduct a baseline sampling prior to the proposed injection, followed by specified schedules from all 9 monitoring wells for the following groundwater parameters:

CONSTITUENT	UNITS	TYPE OF SAMPLE	MINIMUM FREQUENCY OF ANALYSIS
Dissolved Oxygen	mg/L	grab	Baseline and quarterly after injection
Oxidation-Reduction Potential	millivolts	grab	Baseline and quarterly after injection
pH	pH units	grab	Baseline and quarterly after injection
Specific Conductivity	mS/cm	grab	Baseline and quarterly after injection
Temperature	°C	grab	Baseline and quarterly after injection
Turbidity	NTU	grab	Baseline and quarterly after injection
Total Organic Carbon	mg/L	grab	Baseline and quarterly after injection

CONSTITUENT	UNITS	TYPE OF SAMPLE	MINIMUM FREQUENCY OF ANALYSIS
Total Dissolved Solids	mg/L	grab	Baseline and quarterly after injection
Sulfate	mg/L	grab	Baseline and quarterly after injection
Chloride	mg/L	grab	Baseline and quarterly after injection
Boron	mg/L	grab	Baseline and quarterly after injection
Nitrate and Nitrite	mg/L	grab	Baseline and quarterly after injection
Volatile Organic Compounds	µg/L	grab	Baseline and quarterly after injection

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)"

VI. PUBLIC DOCUMENTS

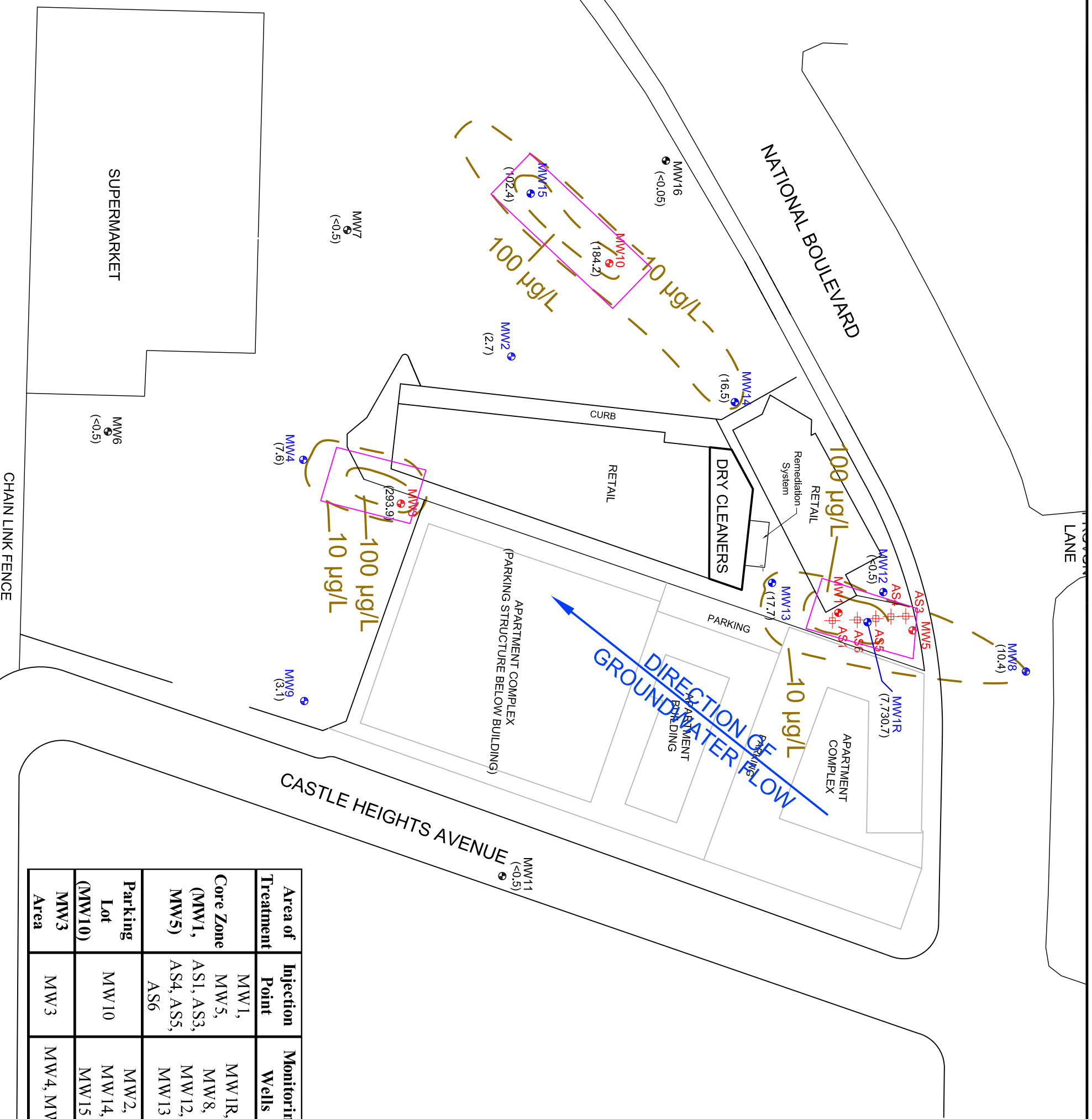
All records and reports submitted in compliance with Order No.R4-2007-0019 and Monitoring and Reporting Program No. CI-9673 are public documents and will be made available for inspection during business hours at the office of the California Regional Water Quality Control Board, Los Angeles Region, upon request by interested parties. Only proprietary information, and only at the request of the Discharger will be treated as confidential.

VII. ELECTRONIC SUBMITTAL OF INFORMATION

The Discharger shall comply with the Electronic Submittal of Information (ESI) requirements by submitting all reports required under the MRP, including groundwater monitoring data in Electronic Deliverable Format, discharge location data, and searchable Portable Document Format of monitoring reports to the State Water Resources Control Board GeoTracker database under Global ID WDR100001294.

Ordered by: 
Samuel Unger, P.E.
Executive Officer

Date: August 7, 2013



- General Notes**
- Groundwater Monitoring Well Location
 - Air Sparge Well Location
 - (-) - December 2012 PCE Concentrations in ug/L
 - Proposed Injection Points (highlighted in RED)
 - Proposed Injection Monitoring Wells (highlighted in Blue)
 - Proposed Area of 3DME and HRC Primer Locations

Project Details

Name: Chevot Hills Shopping Center
 Address: 9830-9864 National Blvd. Los Angeles, CA
 Number: 6597

Figure Details

Figure #: Figure 1
 Revise Date: April 2013

Scale: 1" = 60'
 Approximate Scale

Area of Treatment	Injection Point	Monitoring Wells
Core Zone (MW1, MW5)	MW1, MW5, AS1, AS3, AS4, AS5, AS6	MW1R, MW8, MW12, MW13
Parking Lot (MW10)	MW10	MW2, MW14, MW15
MW3 Area	MW3	MW4, MW9

Company Information

Address: 520 West 1st Street, Tustin, CA 92780
 Telephone: (714) 750-5397
 Fax: (714) 750-6476