



EDMUND G. BROWN JR.
GOVERNOR



MATTHEW RODRIGUEZ
SECRETARY FOR
ENVIRONMENTAL PROTECTION

Los Angeles Regional Water Quality Control Board

July 23, 2015

Ms. Kathryn Hinckley
Stanley Black & Decker
1000 Stanley Drive
New Britain, Connecticut 06053

Certified Mail
Return Receipt Required
Claim No. 7010 3090 0000 1022 2285

REVISED MONITORING AND REPORTING PROGRAM NO. CI-9833 – FORMER PRICE PFISTER FACILITY, 13500 PAXTON STREET, PACOIMA, CALIFORNIA (FILE NO. 11-209, ORDER NO. R4-2014-0187, SERIES NO. 005, CI-9833, GLOBAL ID. WDR100000956)

Dear Ms. Hinckley,

On October 17, 2014, the California Regional Water Quality Control Board, Los Angeles Region (Regional Board) enrolled you under General Waste Discharge Requirements (WDR Order No. R4-2014-0187) with a Monitoring and Reporting Program (MRP) No. CI-9833 for the injection of emulsified vegetable oil and sodium bicarbonate for groundwater remediation of hexavalent chromium at the subject site. The February 2015 groundwater monitoring results indicated that hexavalent chromium and total chromium were detected at concentrations up to 550 micrograms per liter ($\mu\text{g/L}$) and 1,680 $\mu\text{g/L}$, respectively.

On behalf of Stanley Black & Decker, AECOM, Inc. submitted the *Request to Modify Field Implementation of Full-Scale Treatment of Hexavalent Chromium* (Request), dated May 8, 2015. The Request proposed to modify the placement and designation of injection/monitoring wells based on groundwater sampling results from new wells installed in the source area. On June 25, 2015, the Regional Board Executive Officer approved the Request.

A total of 198,000 gallons of 3% emulsified vegetable oil solution, including 58,740 pounds of emulsified vegetable oil and 1,100 pounds of sodium bicarbonate, and followed by 48,400 gallons of chase water will be injected into 10 injection wells (PMW-58, PMW-63 through PMW-70, and PMW-72) at depths from approximately 40 to 85 feet below ground surface. The injection activities are expected to take approximately 8 weeks.

The revised MRP, which incorporates modification to the placement and designation of injection/monitoring wells, is enclosed. The next monitoring report is due on **October 30, 2015** 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.

CHARLES STRINGER, CHAIR | SAMUEL UNGER, EXECUTIVE OFFICER

320 West 4th St., Suite 200, Los Angeles, CA 90013 | www.waterboards.ca.gov/losangeles

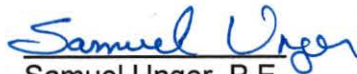
The Discharger shall comply with the Electronic Submittal of Information (ESI) requirements by submitting all reports required under the revised MRP, including groundwater monitoring data, discharge location data, and pdf monitoring reports to the State Water Resources Control Board GeoTracker database under Global ID WDR100000956.

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 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 (ann.chang@waterboards.ca.gov), or the Chief of Groundwater Permitting Unit, Dr. Eric Wu at (213) 576-6683 (eric.wu@waterboards.ca.gov).

Sincerely,



Samuel Unger, P.E.
Executive Officer

Enclosures: Revised Monitoring and Reporting Program No. CI-9833 dated July 23, 2015

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

REVISED MONITORING AND REPORTING PROGRAM NO. CI-9833
FOR
FORMER PRICE PFISTER FACILITY
13500 PAXTON STREET, PACOIMA, CALIFORNIA

ENROLLMENT UNDER REGIONAL BOARD
ORDER NO. R4-2014-0187 (SERIES NO. 005)
FILE NO. 11-209

I. MONITORING AND REPORTING REQUIREMENTS

- A. Stanley Black & Decker (hereinafter Discharger) shall implement this Monitoring and Reporting Program (MRP) on the effective date (July 23, 2015) under Regional Board Order No. R4-2014-0187. The next monitoring report under this program shall be received at the Regional Board by **October 30, 2015**. 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 30
April – June	July 30
July – September	October 30
October – December	January 30

- 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. R4-2014-0187 "*Monitoring and Reporting 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 emulsified vegetable oil solution and sodium bicarbonate.
2. Written and tabular summary defining depth of injection points, quantity of the emulsified vegetable oil solution and sodium bicarbonate injected at each injection point, and total amount of the emulsified vegetable oil solution and sodium bicarbonate 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 PMW-13, PMW-38, PMW-40, PMW-49R, PMW-50, PMW-57 and PMW-71 (Figure 1). The Discharger shall conduct a baseline sampling prior to the proposed injection, followed by specified schedules from all 7 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

CONSTITUENT	UNITS	TYPE OF SAMPLE	MINIMUM FREQUENCY OF ANALYSIS
Total Organic Carbon	mg/L	grab	Baseline and quarterly after injection
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
Total Chromium and Hexavalent Chromium	µg/L	grab	Baseline and quarterly after injection
1,4-Dioxane	µg/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. R4-2014-0187 and Monitoring and Reporting Program No. CI-9833 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.

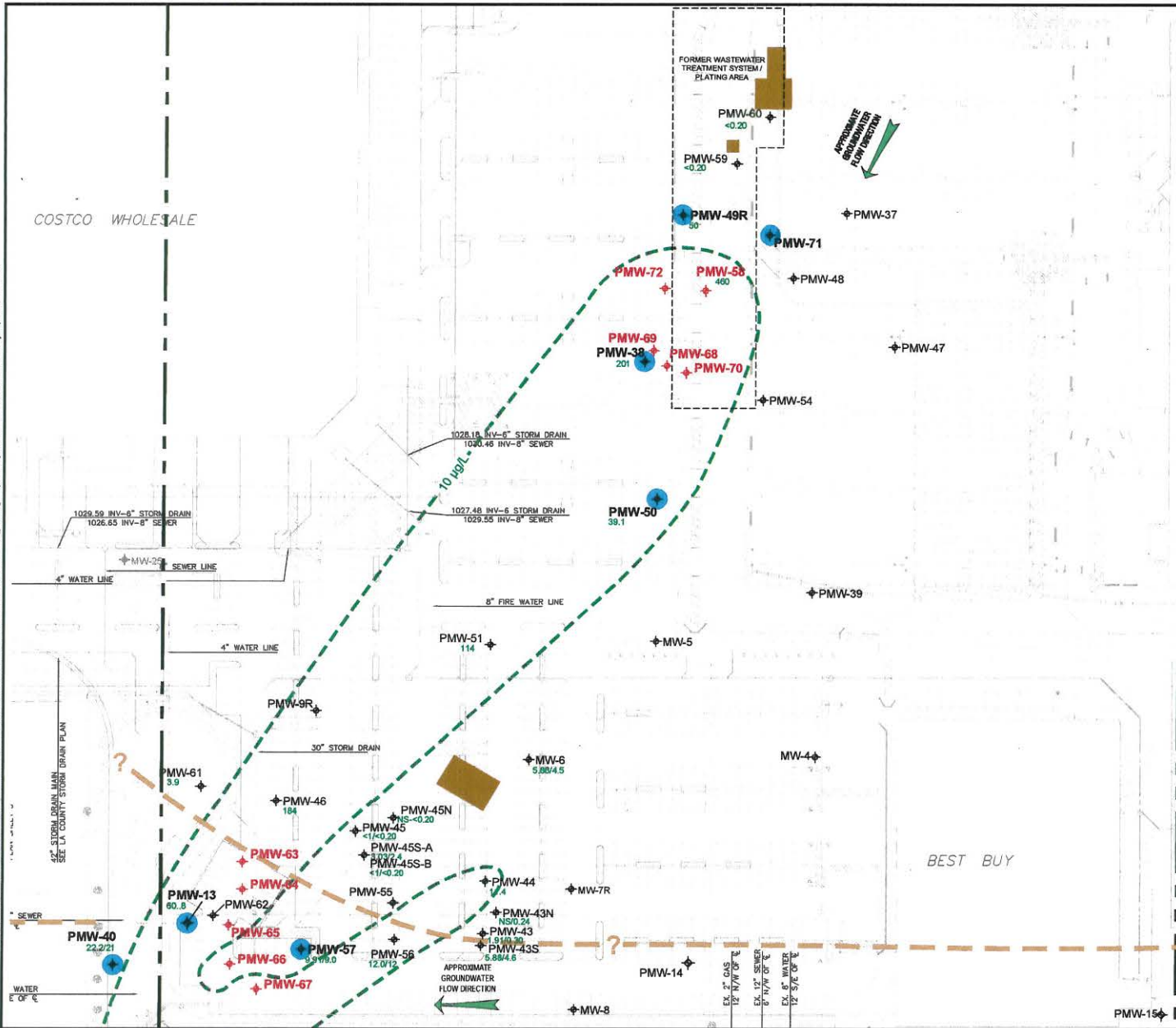
VII. ELECTRONIC SUBMITTAL OF INFORMATION

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 WDR100000956.

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

Date: July 23, 2015

File: P:\02261643 SBD Pacoima Transition\7.0 Deliverables\7.2 CADD\CIVIL\RD-RAP\QO_2013\Figure 1_Proposed Well Locations_B6.dwg Layout/Layout1 User: MarciaS Polled: May 07, 2015 - 11:36am



Legend:

- ◆ Groundwater Monitoring Well
- ◆ Injection Well
- ◆ Soil Vapor/Groundwater Monitoring Well
- Proposed WDR Monitoring Well
- 4.492 Chromium Concentration in Micrograms per Liter (µg/L) (See Note 2)
- - - Approximate Site Boundary
- - - Apparent Concealed Fault Zones Based on Historical Groundwater Elevation Data
- - - Inferred 10 µg/L Hexavalent Chromium Isoconcentration Contour (Q1 2015)
- Estimated extent of deep excavation

Notes:

1. All locations are approximate.
2. Concentration data shown are the total dissolved chromium concentration, utilized as a surrogate for hexavalent chromium, followed by the hexavalent chromium concentration if this analysis was performed. Wells with no data shown are not a part of the February 2015 monitoring event.
3. Wells in light gray font are not Price Pfister monitoring wells. These wells are monitored by ARCADIS on behalf of Soco West, Inc.
4. The 10 µg/L contour is based on the total chromium maximum contaminant level for drinking water.
5. WDR = Waste Discharge Requirements

REVISED PROPOSED LOCATIONS FOR INJECTION WELLS AND WDR MONITORING WELLS Former 13500 Paxton Street Pacoima, California		
Date: 05-15	SBD Pacoima	Figure
Project No. 60281643	AECOM	1 Revised