



EDMUND G. BROWN JR.
GOVERNOR

MATTHEW RODRIGUEZ
SECRETARY FOR
ENVIRONMENTAL PROTECTION

Los Angeles Regional Water Quality Control Board

June 26, 2013

Mr. John DeFrance
Glendale/Goodwin Realty I, LLC
1100 West Artesia Boulevard
Compton, California 90220

APPROVAL OF ADDITIONAL APPLICATION/INJECTION OF CALCIUM POLYSULFIDE FOR SOIL AND GROUNDWATER REMEDIATION – FORMER EXCELLO PLATING FACILITY, 4057 GOODWIN AVENUE, LOS ANGELES, CALIFORNIA (FILE NO. 11-158, ORDER NO. R4-2007-0019, SERIES NO. 192, CI-9837, GLOBAL ID. WDR100001842)

Dear Mr. DeFrance:

On August 24, 2012, 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 Monitoring and Reporting Program (MRP) No. CI-9837 for the application of calcium polysulfide and cement to treat hexavalent chromium impacted soil at the subject site.

The 1st Quarter 2013 monitoring report submitted under the MRP indicated that the onsite soil remediation activities started on January 23, 2013 have caused a significant increase in concentrations of total chromium and hexavalent chromium in groundwater. In response, the *Proposed Enhancement to Site Remediation* (Enhancement Work Plan) dated May 21, 2013, for the groundwater and soil remediation of hexavalent chromium was prepared and submitted by Kleinfelder on your behalf. On May 24, 2013, the Regional Board Executive Officer issued Revised MRP No. CI-9837 for injection of calcium polysulfide solution to remediate hexavalent chromium impacted soil and groundwater with expanded groundwater monitoring requirements.

In the Contingency section of the Enhancement Work Plan, Kleinfelder also proposed an additional 11,000 gallons of 29% calcium polysulfide solution to be applied to the subsurface at a maximum depth of 45 feet below ground surface for reduction of hexavalent chromium in the soil for the LDA/ISCR Work area. This Contingency plan for the additional calcium polysulfide solution was not included in the approval/Revised MRP No. CI-9837 dated May 24, 2013.

Based on the review of the Enhancement Work Plan, the additional 11,000 gallons of 29% calcium polysulfide solution for application/injection into soil and groundwater is approved. The current MRP revised on May 24, 2013 requires a sufficient groundwater monitoring network to address the contingency work, and therefore does not need to be revised. The next monitoring report shall be received by the Regional Board by **July 15, 2013**. Please do not combine other reports with your monitoring reports. Submit each type of report as a separate document.

MARIA MEHRANIAN, CHAIR | SAMUEL UNGER, EXECUTIVE OFFICER

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


Mr. John DeFrance
Glendale/Goodwin Realty I, LLC

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June 26, 2013

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,

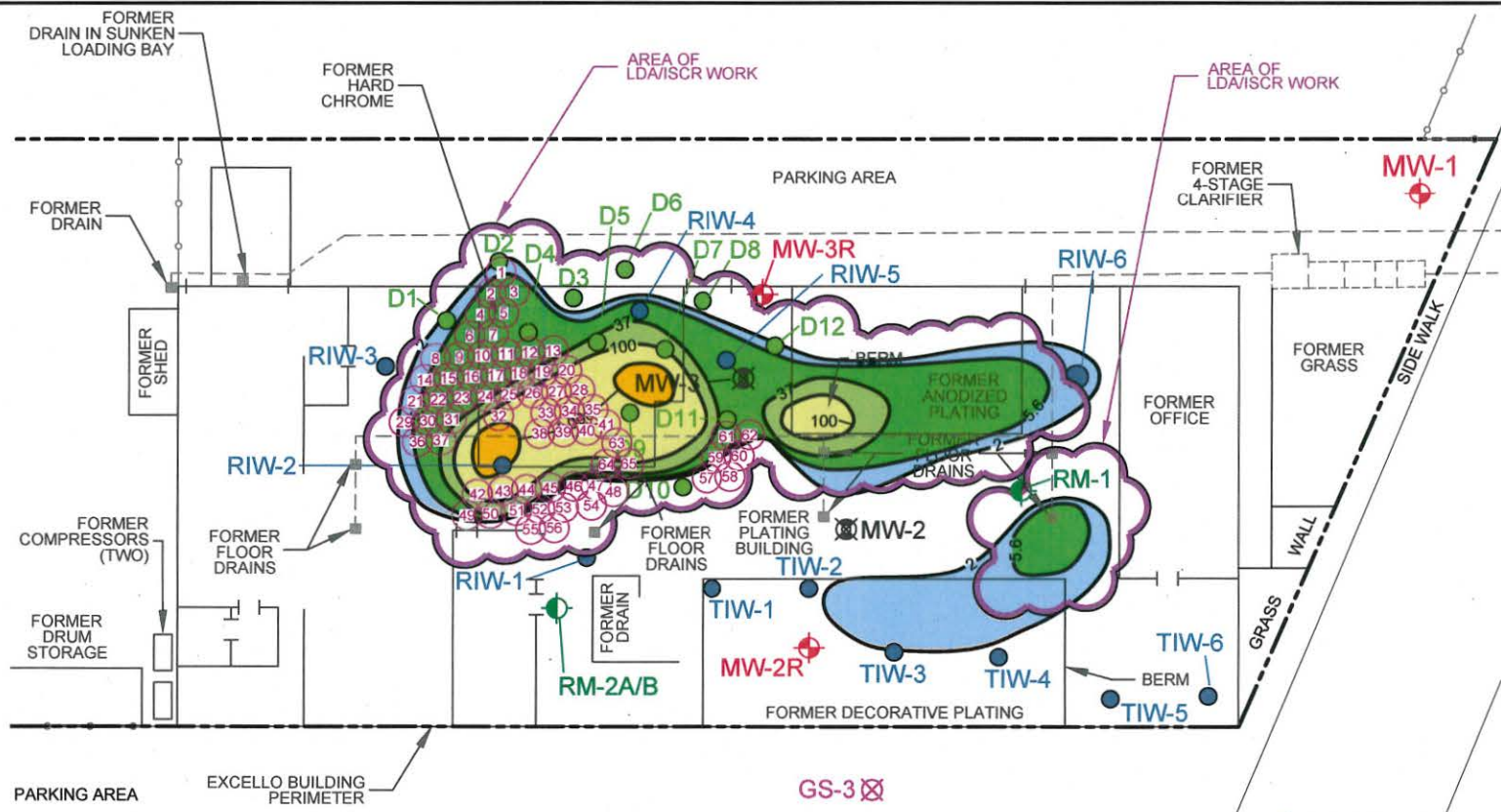


Chief Deputy E.O.
for

Samuel Unger, P.E.
Executive Officer

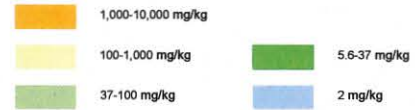
cc: David Jenkins, Kleinfelder
Ramon Abueg, City of Glendale
Chi Diep and Thomas Tsui, California Department of Public Health
Matt Salazar, USEPA
Alex Lapostol, John Lindquist, and Karen Meade, CH2M HILL

ATTACHED IMAGES: Images: AerialImage_Excello_383_3-7-11.jpg Images: TD_1 for CaSx Injection WP rev0.jpg
 ATTACHED XREFS: LONG BEACH, CA
 CAD FILE: L:\CADD\2013\101942\InjectionWell_6-2013_Excello_LAYOUT_1_Close-up_LADAs-v7 PLOTTED: 26 Jun 2013, 5:03pm, mgriffin



EXPLANATION

- MW-6 EXISTING GROUNDWATER MONITORING WELL LOCATION
- ⊕ MW-3 ABANDONED GROUNDWATER MONITORING WELL LOCATION
- ⊗ GS-3 CITY OF GLENDALE EXTRACTION WELL LOCATION
- RM-2A/B REMEDIATION WELL
- PO-VPB-02 US EPA GROUNDWATER MONITORING WELL
- RIW-6/TIW-6 TRANSIENT PLUME CaSx INJECTION POINT OR LDA/ISCR WORK AREA CaSx INJECTION POINT
- D11 PROPOSED LOCATION OF ONE-TIME CaSx DELIVERY
- 65 LDA BORE NUMBERS
- LDA BOREHOLES
- TIW TRANSIENT PLUME INJECTION POINTS
- RIW REMEDIATION AREA INJECTION POINTS
- 100 ESTIMATED CONTOUR OF CONCENTRATION



NOTE: FIGURE 3-1, "GSOU POTENTIOMETRIC MAP WITH INFERRED CAPTURE - 25 JULY 2012" FROM ENVIRONMENTAL RESOURCES MANAGEMENT'S "FINAL HYDRAULIC CONTAINMENT EVALUATION MEMORANDUM, SAN FERNANDO VALLEY SUPERFUND SITE, AREA 2 - CRYSTAL SPRINGS, GLENDALE NORTH AND GLENDALE SOUTH OPERABLE UNITS" DATED MARCH 2013.
 THE ISOCONTOURS ARE FOR HEXAVALENT CHROMIUM CONCENTRATIONS AT A DEPTH INTERVAL OF 5 FEET BELOW GRADE.



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NOTE: LDA = LARGE DIAMETER (8.5 FOOT) AUGER

KLEINFELDER
 Bright People. Right Solutions.
 www.kleinfelder.com

PROJECT NO.	101942
DRAWN:	6/2013
DRAWN BY:	MRG
CHECKED BY:	JD
FILE NAME:	101942p1_InjPoint.dwg

SITE PLAN WITH REVISED LDA LOCATIONS, INJECTION POINTS, AND PROPOSED INJECTION DELIVERIES	FORMER EXCELLO PLATING CO., INC. 4057 AND 4059 GOODWIN AVENUE LOS ANGELES, CALIFORNIA
	PLATE 1