
Los Angeles Regional Water Quality Control Board

November 12, 2021

Mr. John Hsu
STCDARA, LLC
10722 Beverly Boulevard, Suite P
Whittier, California 90601
jh@stcmanagement.com

GENERAL WASTE DISCHARGE REQUIREMENTS FOR INJECTION OF GEOFORM™ EXTENDED RELEASE, EHC® PLUS, METAFIX® I-3, AND METAFIX® I-7A AT STC CENTER AT 1040 SOUTH OTTERBEIN AVENUE, ROWLAND HEIGHTS, CALIFORNIA 91748 (FILE NO. 20-126, ORDER NO. R4-2014-0187, SERIES NO. 166, CI-10620, GLOBAL ID. WDR100053259)

Dear Mr. Hsu:

The Los Angeles Regional Water Quality Control Board (Regional Water Board) is the public agency with primary responsibility for the protection of ground and surface water quality for all beneficial uses within major portions of Los Angeles and Ventura Counties, including the referenced property above.

STCDARA, LLC (Discharger) is the responsible party for the subject property located at 1040 South Otterbein Avenue, Rowland Heights, California (Site). From the 1960s to 2013, the Site was used for an industrial plating facility. Currently, the Site is used as a multi-use events center. The June 2021 groundwater monitoring results indicated that tetrachloroethylene and hexavalent chromium were detected at concentrations up to 17.5 micrograms per liter ($\mu\text{g/L}$) and 1,500 $\mu\text{g/L}$, respectively.

On September 8, 2020, Regional Water Board Site Cleanup Program staff approved the *Interim Remedial Action Plan - Addendum* (IRAP) dated May 21, 2020. For the former source area (Area 1), it is estimated that 7,000 gallons of 30% amendment slurry containing 12,950 pounds of GeoForm™ Extended Release and 12,950 pounds of MetaFix® I-7A will be injected into 20 injection points (IP-1 through IP-20) at depths from approximately 22 to 40 feet below ground surface (bgs). For the downgradient plume area (Area 2), it is estimated that 18,500 gallons of 30% amendment slurry containing 28,000 pounds of EHC® Plus and 37,350 pounds of MetaFix® I-3 will be injected into 104 injection points (IP-21 through IP-124) at depths from approximately 22 to 40 feet bgs (Figure 1).

Regional Water Board staff has completed the review of your application for coverage under General Waste Discharge Requirements (WDRs) for injection of EHC® Plus, GeoForm™ Extended Release, MetaFix® I-3, and MetaFix® I-7A for in-situ groundwater remediation of hexavalent chromium. The Regional Water Board staff has determined that the proposed discharge meets the conditions specified in General WDRs Order No. R4-2014-0187, *General WDRs for In Situ Groundwater Remediation and Groundwater Re-Injection*, adopted by this Regional Water Board on September 11, 2014 and the revised Attachment A list of authorized injection materials as amended on August 10, 2020.

Enclosed are your General WDRs Order No. R4-2014-0187 (Series No. 166), Standard Provisions Applicable to WDRs, and Monitoring and Reporting Program (MRP) No. CI-10620. The Site is situated in the Puente Basin of the San Gabriel Valley Groundwater Basin. Based on the *Water Quality Control Plan for the Coastal Watersheds of Los Angeles and Ventura Counties* (Basin Plan), the groundwater quality objectives for the Puente Basin are 1,000 milligrams per liter (mg/L) for total dissolved solids, 300 mg/L for sulfate, 150 mg/L for chloride, and 1.0 mg/L for boron. The proposed discharge shall not cause the mineral constituents of the receiving groundwater at the compliance points, downgradient outside the application area, to be in excess of applicable limits given in Attachment B of General WDRs Order No. R4-2014-0187.

MRP No. CI-10620 requires Discharger to implement the monitoring and reporting program on the effective date of this enrollment under Regional Water Board General WDRs Order No. R4-2014-0187. When submitting monitoring or technical reports to the Regional Water Board per these requirements, 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 in Electronic Deliverable Format (EDF), discharge location data, and Portable Document Format (PDF) digital copies of monitoring reports to the State Water Resources Control Board GeoTracker database under Global ID WDR100053259.

For all parties who upload electronic documents to the State GeoTracker database, 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 Water Board will no longer accept documents (submitted by either hard copy or email) already uploaded to GeoTracker. Please see instructions for Electronic Submittal to the Los Angeles Regional Water Board for GeoTracker Users at:

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

To avoid paying future annual fees, please submit a written request for termination of your enrollment under the General WDRs Order No. R4-2014-0187 in a separate letter when the project is completed and the WDRs are 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. James Kang at (213) 576-6683 (jim.kang@waterboards.ca.gov).

Sincerely,

Renee Purdy
Executive Officer

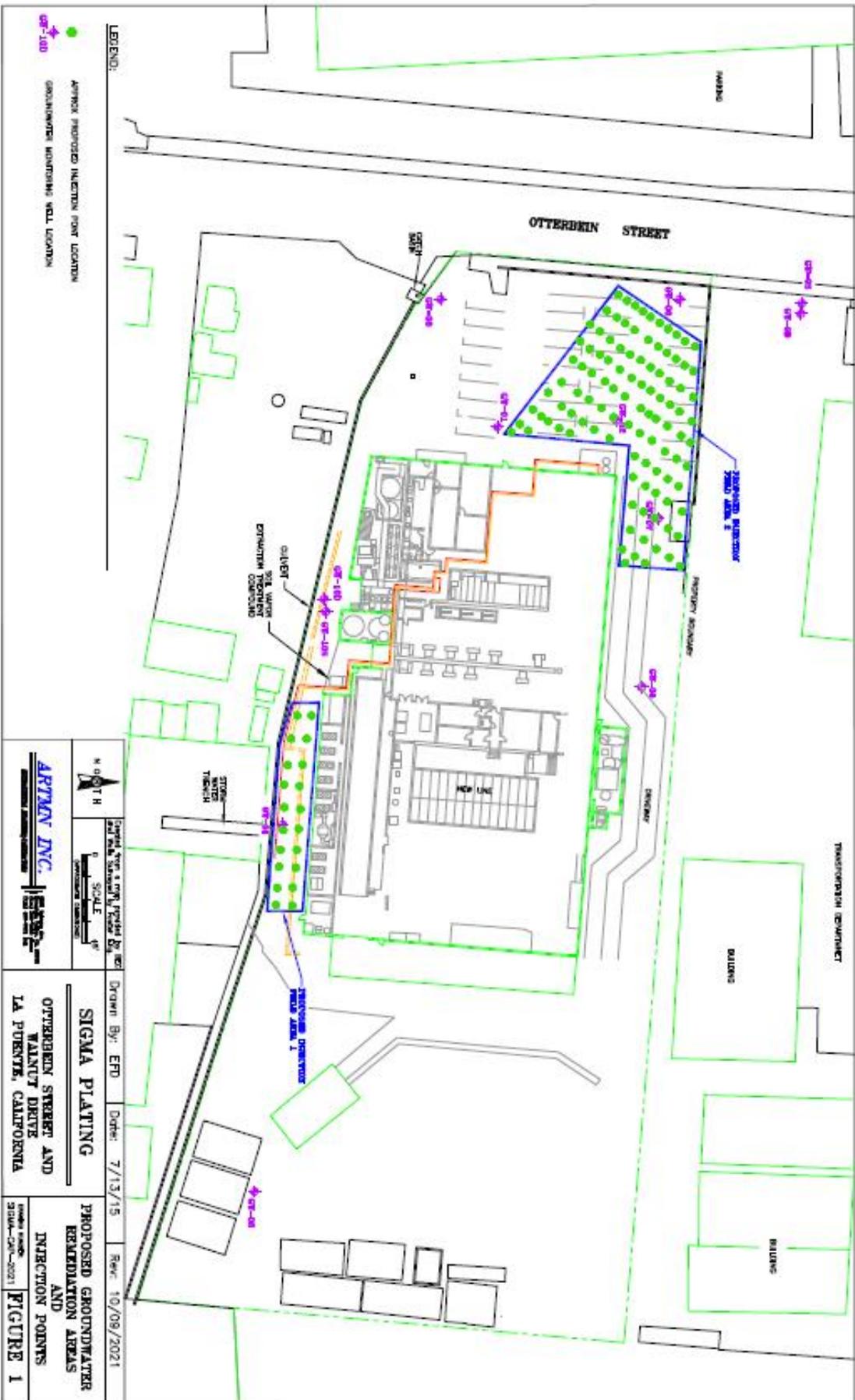
Enclosures: 1. Figure 1 – Proposed Groundwater Remediation Areas and Injection Points

2. General Waste Discharge Requirements Order No. R4-2014-0187 and the Order's Attachments A (List of Authorized Injection Material Amendments), B (Water Quality Objectives for Selected Constituents in Regional Ground Waters), and C (Standard Provisions Applicable to Waste Discharge Requirements) are available at the Regional Water Board website:

https://www.waterboards.ca.gov/losangeles/board_decisions/adopted_orders/index.html#2

3. Monitoring and Reporting Program No. CI-10620

cc: Mr. Anton Markarian, ARTMN, Inc., hmblye@yahoo.com



 SCALE 1" = 100'	Special Note: A copy posted by the City of Santa Ana, CA	Drawn By: EPD Date: 7/13/15	Rev: 10/09/2021
		PROPOSED GROUNDWATER REMEDIATION AREAS AND INJECTION POINTS FIGURE 1	