

**CALIFORNIA ENVIRONMENTAL QUALITY ACT  
NOTICE OF DETERMINATION**

To: Office of Planning and Research  
State Clearinghouse  
P.O. Box 3044, 1400 Tenth Street, Room 212  
Sacramento, CA 95812-3044

From: Department of Toxic Substances Control  
Site Mitigation and Restoration Program  
5796 Corporate Avenue  
Cypress, California 90630

**Subject:** FILING OF NOTICE OF DETERMINATION IN COMPLIANCE WITH SECTION 21108 OF THE PUBLIC RESOURCES CODE

**Project Title:** Former Union Carbide Corporation Torrance Distribution Facility Remedial Action Plan

**State Clearinghouse Number:** 2021070115

**Project Location:** 19500 Mariner Avenue, Torrance

**County:** Los Angeles

**Project Applicant:** Dow Chemical Company

**Project Description:** The Department of Toxic Substances Control (DTSC) approves the remedial action plan (RAP) for the Former Union Carbide Corporation (FUCC) Torrance Distribution Facility (Site). The Site served predominately as a polyethylene and ethylene glycol (anti-freeze) manufacturing facility from 1956 until 1982 when manufacturing operations were discontinued and much of the facility was decommissioned, sold, and is currently a vacant lot used for a new car parking lot. The ethylene glycol blending, canning, and distribution operation was sold and is still in operation by the current owner.

Response actions are necessary due to presence of arsenic, volatile organic compounds (VOC's), semi-volatile organic compounds (SVOC's), and dense non-aqueous phase liquid (DNAPL) within soil vapor, soil, and perched groundwater at levels that exceed regulatory limits beneath the Site. The deeper Garden-Gage aquifer is typically encountered at depths of approximately 80 feet to 90 feet below ground surface. The perched zone and Gardena-Gage aquifer are separated by a layer of lower permeability silt and clay. Benzene and naphthalene have not been detected in samples of the Gardena-Gage groundwater collected to date.

A total of four areas are impacted by arsenic, VOCs, SVOCs, and DNAPL, respectively. Based on the current Site conditions and the results of the corrective action alternatives evaluation, the following alternatives in the RAP are being recommended for implementation at each of the areas:

- Area 1 – Heil Separator Area impacted with DNAPL: Institutional Controls (ICs), Natural Attenuation (NA), and In-situ Geochemical Stabilization (ISGS).
- Area 2 - Tank 26 - Northwest portion of Parcel B impacted with benzene in soil gas and perched groundwater: ICs, NA and, Soil Vapor Extraction (SVE); and arsenic in shallow soil (Central portion of Parcel B): ICs and Excavation & Offsite Disposal (E&D).
- Area 3 - West-Southwest portion of Parcel C impacted with benzene in soil gas and perched groundwater: ICs, NA, and Soil Vapor Extraction.
- Area 4 - Northeast portion of Parcel C impacted with naphthalene in shallow soil: ICs and E&D.

**As Lead Agency** under the California Environmental Quality Act (CEQA), DTSC approved the above-described project on September 28, 2021 and has made the following determinations:

1. The project will not have a significant effect on the environment.
2. A Negative Declaration was prepared for this project pursuant to the provisions of CEQA.
3. Mitigation measures were not made a condition of project approval.
4. A Statement of Overriding Considerations was not adopted for this project.
5. Findings were made pursuant to the provisions of CEQA.

The administrative record for this project is available to the public by appointment at the following location:

Department of Toxic Substances Control  
Site Mitigation and Restoration Program  
5796 Corporate Avenue

Cypress, California 90630

Additional project information is available on EnviroStor: [www.envirostor.dtsc.ca.gov/public/](http://www.envirostor.dtsc.ca.gov/public/)

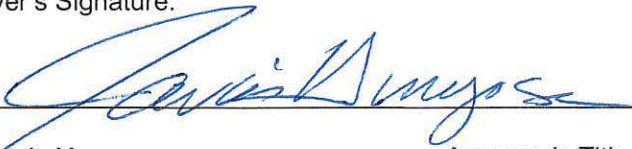
Contact Person  
Joe Hwong

Contact Title  
Project Manager

Phone Number  
714-484-5449

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Approver's Signature:



Date:

September 28, 2021

Approver's Name  
Javier Hinojosa

Approver's Title  
Branch Chief

Approver's Phone Number  
714-484-5484

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TO BE COMPLETED BY OPR ONLY

Date Received for Filing and Posting at OPR: