

CALIFORNIA ENVIRONMENTAL QUALITY ACT NOTICE OF DETERMINATION

To: Office of Planning and Research
State Clearinghouse
1400 Tenth Street, Room 212
Sacramento, CA 95812

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

Subject: FILING OF NOTICE OF DETERMINATION IN COMPLIANCE WITH SECTION 21108 OR 21152 OF THE PUBLIC RESOURCES CODE

Project Title: In Situ Thermal Remediation Work Plan, 2136 South Hathaway Street

State Clearinghouse No.: 2024050133

Project Location: 2136 South Hathaway Street, Santa Ana, California 92705

County: Orange

Project Applicant: Embee Processing

Project Description: The proposed project remedial actions involve implementing an In Situ Thermal Remediation (ISTR) Work Plan for the remediation of volatile organic compounds (VOCs) in soil and groundwater at the Embee Facility. The remedial action would involve using heat to volatilize VOCs in soil (in situ) which are then captured in the gas phase using vapor extraction. Heating would be achieved through physical heating (conduction) of the soil using steam or direct heating (heater wells would apply a heat source directly to the soil and groundwater) or through electrical resistance heating (ERH) using an electrical, alternating current is passed through soil and the soils resistance generates heat along the path that the current travels. ERH is most effective at treating low permeability soils because the clays heat very efficiently, and the VOCs are boiled out of the low permeability zones.

ISTR can be operated under an active facility and is anticipated to achieve treatment within 34 months of startup.


As Lead Agency under the California Environmental Quality Act (CEQA), DTSC approved the above-described project on June 28, 2024 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 mitigation reporting or monitoring plan was not adopted for this project.
5. A Statement of Overriding Considerations was not adopted for this project.
6. 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:
https://www.envirostor.dtsc.ca.gov/public/profile_report.asp?global_id=30340013

Angela Turner	Hazardous Substances Engineer	714-484-5477
Project Manager Name	Project Manager Title	Phone #
		7/2/2024
Supervisor Signature		Date
Shahir Haddad	Branch Chief	714-484-5368
Supervisor Name	Supervisor Title	Phone #

TO BE COMPLETED BY OPR ONLY

Date Received For Filing and Posting at OPR: