

CALIFORNIA ENVIRONMENTAL QUALITY ACT NOTICE OF EXEMPTION

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
9211 Oakdale Avenue
Chatsworth, California 91311

Project Title: Former Angeles Chemicals Interim Remedial Measures Work Plan

Project Location: 8915 Sorenson Avenue, Santa Fe Springs, California

County: Los Angeles

Project Applicant: Wade Allmon, Trustee of 8915 Sorenson Environmental Remediation Trust

Approval Action Under Consideration by DTSC: Interim Remedial Measures Workplan

Statutory Authority: California Health and Safety Code, Chapter 6.8

Project Description: The Department of Toxic Substances Control (DTSC) approved the Interim Remedial Measures Work Plan (IRMWP) for the Former Angeles Chemical Site (ACC Facility, Site). The IRMWP activities will consist of soil remediation using Thermal Conduction Heating (TCH) and a Soil Vapor Extraction (SVE) to reduce concentrations of volatile organic compounds (VOCs) consisting of tetrachloroethene (PCE) and trichloroethene (TCE) in the soil. The extent of the VOCs has been identified and the remedial action will reduce the potential for their migration to groundwater. The implementation of the TCH combined with SVE was used successfully at an adjacent property to the south with similar contamination under DTSC oversight and therefore has been chosen as a suitable and effective interim remedial measure for the former ACC Facility.

Background: Angeles Chemical used the Site from 1976 until 2000 for chemical blending, packaging and distribution. The ACC Facility stored the chemicals in railroad cars, 35 underground storage tanks, 9 aboveground storage tanks, and in drums and containers on pallets. The chemicals, and the above ground containers used to hold them, have been removed from the Site and it is currently occupied by an automobile towing operation. Investigations performed at the Site from 2012 through 2017 included the completion of 20 borings for soil sample collection, 4 borings for soil vapor sample collection, 37 borings in which both soil and soil vapor samples were collected and 3 borings for monitoring wells, totaling 202 soil samples, 91 soil vapor samples, and 3 groundwater samples.

The results from these investigations were presented in a Supplemental Remedial Investigation / Feasibility Study (RI/FS) Report dated June 7, 2019. The analytical results indicate VOC concentrations in the soil require remediation in order to prevent their migration to underlying groundwater. This action is required because a regional groundwater remediation system is being installed in the Whittier/ Santa Fe Springs area, and DTSC wants to reduce VOC concentrations beneath the ACC Site so that they do not work against the regional remedy.

The FS element of the Supplemental RI/FS2019 Report screened remedial alternatives and determined that the combined remedy of SVE and In-Situ Thermal Treatment was the best alternative to be applied in the target treatment zone (TTZ) where VOC concentrations are highest.

Project Activities: In order to treat soil in the Thermal Treatment Zone (TTZ), the well field will include 27 TCH wells spaced approximately 12 feet apart extending between 15 and 55 feet below ground surface. Combustion fans will heat air and drive it into the TCH wells heating the TTZ soil to 100 degrees Fahrenheit as monitored at multiple depths in 5 temperature monitoring locations. Twenty SVE wells will be installed in the area of the TTZ to remove VOC vapors generated by the heating. Steel piping will connect the SVE wells to a blower that propels the extracted material to a treatment system.

A tank will hold condensate wastewater to be used in the water-cooling tower. Excess wastewater will be discharged to the sewer under permit. A separate tank will hold any non-aqueous phase liquids produced until they are disposed of in conformance with all applicable regulations. Spent granular activated carbon waste will also be disposed of in conformance with all applicable regulations. The operation and security of the system will be controlled and monitored with a landline connected to the internet. Regular site visits will also be performed.

The IRMWP provides a detailed description of the technical approach to the design of the TCH/SVE system, specifies equipment to be used, and describes the TCH/SVE system installation process. Construction activities will occur within the facility during normal business hours and will not have any significant impact on vehicular traffic or pedestrians. The treatment system operation will not contribute to air pollution and will not generate noise that is a nuisance to adjacent facilities.

The TCH portion will operate until its effectiveness at producing vapor diminishes; this is estimated to be approximately two months of operation. The SVE treatment will continue until influent vapor concentrations diminish and DTSC agrees it is no longer cost effective; this is estimated to be approximately two years of operation. An assessment of VOC concentrations in the subsurface will then be performed to determine the appropriate action to take next.

In the event biological, cultural or historical resources are discovered in the course of project activities, work will be suspended while a qualified biologist, cultural or historical specialist assesses the area and arrangements are made to protect or preserve any resources that are discovered. If human remains are discovered, no further disturbance will occur in the location where the remains are found, and the County Coroner will be notified pursuant to Health and Safety Code Chapter 2, Section 7050.5.

Name of Public Agency Approving Project: Department of Toxic Substances Control

Name of Person or Agency Carrying Out Project: Wade Allmon (Trustee of 8915 Sorenson Environmental Remediation Trust) on behalf of Angeles Chemical Company and Fernal Properties, Inc.

Exempt Status: Common Sense Exemption [14 CCR, Sec. 15061(b)(3)]

Reasons Why Project is Exempt: Based on the following reasons, DTSC has determined with certainty that there is no possibility that the activities in question may have a significant effect on the environment because the project would not result in "a substantial, or potentially substantial, adverse change in any of the physical conditions within the area affected by the project, including land, air, water, minerals, flora, fauna, ambient noise, and objects of historic or aesthetic significance."

1. The ACC Facility site is listed on the Hazardous Waste and Substances Sites List (Cortese List), however, the IRMWP activities are designed to remediate the site.
2. The Site is in a previously developed area and does not provide habitat value.
3. In addition, the activities will have no potential for a significant impact due to project controls that will be implemented during the project as summarized below.
 - A California-state licensed construction contractor will conduct the drilling activities associated with installation of the SVE system. Fieldwork will be conducted following the safety guidelines provided in a site-specific health and safety plan (SSHSP) prepared specifically for the project. The SSHSP was prepared in accordance with guidelines set forth in Title 8 of the California Code of Regulations, Section 5192 and includes but is not limited to project controls for heavy equipment safety operations, air monitoring for on and off-site emissions, personal protective equipment, and controls of open trenches for worker safety as described below.
 - Well drilling activities will be conducted by California-licensed contractors in accordance with permits acquired from Los Angeles County. An Authority-to-Construct permit for the SVE system will be acquired from the South Coast Air Quality Management District (SCAQMD). Construction permits will be obtained from the City of Santa Fe Springs Building Department.
 - Site security will be established according to the type of operations, potential for exposure to contaminants, and potential for contact with other safety hazards. Site security measures that will protect the construction area and prevent unauthorized access include the following: Access will be controlled by the existing fencing, rolling gate, and structures. Only the construction crew, contractor staff, and authorized personnel will be on the Site during working hours. No unauthorized personnel will be allowed in the controlled areas of the Site. All visitors must have prior approval from the contractor, IO Environmental, and DTSC before being admitted to the Site. All visitors must read and acknowledge the SSHSP and possess documentation that they have the training necessary to enter the active work zone.
 - The SVE system will be installed at least 50 feet away from the nearest resident.
 - All fieldwork will be conducted according to a SSHSP and only properly trained personnel will be employed. Licensed contractors and transporters will also be used. Prior to trenching, the Underground Services Alert (USA) will be contacted for locating specific pipelines/conduits/electrical/phone/water/sewer etc.
 - Vapor discharge from the treatment system will comply with emission standards specified in SCAQMD Rule 1166.
 - The community surrounding the Site will not be affected because engineering controls will reduce noise and dust levels.

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
9211 Oakdale Avenue
Chatsworth, CA 91311

Additional project information is available on Envirostor:

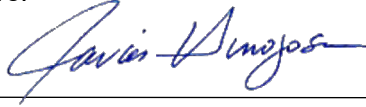
https://www.envirostor.dtsc.ca.gov/public/profile_report.asp?global_id=19290306

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Approver's Signature:



Date:

8/25/2022

Click or tap to enter a date.

Approver's Name
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TO BE COMPLETED BY OPR ONLY

Date Received for Filing and Posting at OPR: