

**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  
Permitting Division  
8800 Cal Center Drive  
Sacramento, CA 95826

**Subject:** Filing of Notice of Determination in Compliance with Section 21108 of the Public Resources Code

**Project Title:** Edwards Air Force Base Hazardous Waste Facility Class 1\* Permit Modification

**State Clearinghouse Number:** 2003111120

**Project Location:** Edwards Air Force Base, 5 E Popson Ave, CA 93524-1130

**County:** Kern County

**Project Applicant:** Edwards Air Force Base

**Project Description:** The California Department of Toxic Substances Control (DTSC), pursuant to authority granted under Division 4.5, California Code of Regulations, Title 22, Chapter 20 prepared an addendum to amend the existing Hazardous Waste Facility (HWF) Permit to include additional project activities at the Edwards Air Force Base Hazardous Waste Facility (Facility). DTSC received a Permit Modification application for the Facility as authorized by the California Health and Safety Code, Chapter 6.5. The Facility is located at 195 E Popson Ave, Building 2750, Edwards Air Force Base, CA 93254 and operates under a current Hazardous Waste Facility Permit. Facility is a military base operated by the U.S. Air Force. It is home of the Air Force Flight Test Center and is responsible for US Air Force Research, Development, Test and Evaluation (RDT&E) of new and modified aircraft weapon systems and sub-systems. The RDT&E operations include testing various types of munitions dropped from aircraft and firing small and large caliber weapons. The Air Force Research Laboratory is also located at EAFB and is responsible for RDT&E of liquid and solid rocket motor propellant systems. As a result of these activities, EAFB generates waste munitions, energetic solid rocket propellant and solid propellant contaminated waste laboratory materials. Edwards AFB uses open burn and open detonation units to treat these wastes. EAFB also generates hazardous waste from several on-site sources including maintenance and repair activities, research, and development programs, as well as cleanup of occasional chemical spills. These wastes are stored on-site at the Hazardous Waste Support Facility and are shipped off-site for treatment or disposal.

The Facility requests a Class 1\* Permit Modification to change the current EPA soil sample testing method for arsenic in soil at the Facility. The Facility proposes to change from EPA method SW6010

to EPA method SW6020B for the analysis of arsenic in soil for the approved Environmental Monitoring Plan (EMP) dated May 2021. SW6020B is expected to achieve detection limits below the EMP approved screening level for arsenic. The current sampling method SW6010 is Inductively Coupled Plasma—Mass Spectrometry and can determine sub-micrograms per liter ( $\mu\text{g/L}$ ) concentrations of many elements in water samples and in waste extracts or digests. The proposed sampling method SW6020B is Inductively Coupled Plasma-Atomic Emission Spectrometry and can determine trace elements, including metals, in solution. The proposed change is in the analytical method used by the laboratory and not in the physical sampling activity.

This project would not affect any aspect of the environment and requires no new construction. All additional activities will continue to be consistent with the Hazardous Waste Permit and will not result in physical changes. There are no proposed physical changes to the Facility that were not included in the previously approved Final EIR, for which the prepared addendum is updating.

As Lead Agency under the California Environmental Quality Act (CEQA), DTSC approved the above-described project on March 24, 2023, and has made the following determinations:

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

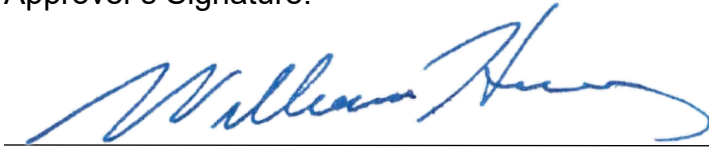
The administrative record for this project is available to the public by appointment at the following location:

Department of Toxic Substances Control  
Permitting Division  
8800 Cal Center Drive  
Sacramento, CA 95826

Contact Person	Contact Title	Phone Number
Michael Choe	Senior Hazardous Substances Engineer	916-255-3635

Approver's Signature:

Date:



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March 24, 2023

Approver's Name

Approver's Title

Approver's Phone Number

William Heung

Supervising Hazardous  
Substances Engineer, I

(916) 255-3246

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TO BE COMPLETED BY OPR ONLY

Date Received for Filing and Posting at OPR: