

U. S. ENVIRONMENTAL PROTECTION AGENCY
EMERGENCY HAZARDOUS WASTE PERMIT

Name of Applicant: Department of Air Force, Pacific Air Forces, Eielson Air Force Base (AFB)

Mailing Address: 354 CES/CEIEC
2310 Central Avenue, Suite 100, Eielson AFB, AK 99702-2299

Facility Location: same as above

Treatment Location: EAFB EOD Proficiency Range (64°40'01.6"N 147°00'49.3"W)

EPA ID Number: AK1 57002 8646

Effective Date: November 4, 2024

Expiration Date: November 18, 2024

AUTHORIZED ACTIVITIES

Pursuant to the Resource Conservation and Recovery Act (RCRA) as amended, 42 U.S.C. Sections 6901 et. seq., and the Hazardous and Solid Waste Amendments of 1984 (HSWA), and regulations promulgated under Title 40 of the Code of Federal Regulations (C.F.R.) Parts 124 and 260 through 271, an emergency permit is issued to the applicant indicated above ("Permittee") to operate a hazardous waste treatment facility and to cause or allow open detonation at the location indicated in the terms and conditions of this Permit.

PERMIT APPROVAL

The Permittee shall comply with all terms and conditions of this Permit. This Permit consists of the conditions contained herein (including those in any attachments) and the applicable rules specified in the Permit. Applicable rules are those which are in effect on the date of the issuance of this Permit. This Permit may be revoked at any time without process if the Director determines that revocation is appropriate to protect public health, safety, or the environment. The terms and conditions of this Permit may be revised during its duration if the Director determines that such revision is necessary to protect public health, safety, or the environment.

By: TIMOTHY HAMLIN Digitally signed by TIMOTHY HAMLIN
Date: 2024.10.29 11:05:33 -07'00'

Timothy B. Hamlin
Director
Land, Chemicals and Redevelopment Division

I. Standard Conditions. The Permittee shall comply with 40 C.F.R. § 270.30, "Conditions applicable to all permits", which conditions are incorporated into this permit by reference.

II. General Facility Conditions. The Permittee shall comply with the following rules of 40 C.F.R. § 264 40 C.F.R. § 266.204, which are incorporated herein by reference:

§ 264.14 - Security

§ 264.15 - General Inspection Requirements

§ 264.17 - General Requirements for Ignitable, Reactive or Incompatible Waste

§ 264.31 - Design and Operation of Facility

§ 264.32 - Required Equipment

§ 264.33 - Testing and Maintenance of Equipment

§ 264.34 - Access to Communications or Alarm System

§ 264.37 - Arrangement with Local Authorities

§ 264.55 - Emergency Coordinator

§ 264.56 - Emergency Procedures

§ 264.73 - Operating Record

§ 264.74 - Availability, Retention and Disposal of Records

III. Special Conditions.

A. Waste Identification. The Permittee may treat by open detonation limited only to the following items:

1. Chaff RR-180, 12 pounds.

2. Impulse BBU-48A/B, 5 pounds.

These items have been determined to be potentially explosive and unsafe for shipment due to added unknown hazard of being soaked in JP-8 during an aircraft mishap.

B. Method of Treatment. Authorized treatment under this Permit shall be open detonation of the hazardous wastes cited above.

C. Location. Treatment shall occur at the EAFB EOD Proficiency Range (64°40'01.6"N 147°00'49.3"W). Selection of the treatment area shall be made based on topography, wind direction, proximity to utility lines and/or other man-made constructions and any other factors to minimize any deleterious effect on the public and the environment. The Permittee shall take all appropriate measures to minimize noise occasioned by the detonation and to minimize the emissions of air contaminants.

Isolation distances shall be at least those required by 40 C.F.R. § 265.382, as follows:

**Pounds of Waste Explosives or
to the Propellants**

**Minimum Distance from Burn/Detonation
Property of Others**

0 - 100	204 meters (670 feet)
101 - 1,000	380 meters (1,250 feet)
1,001 - 10,000	530 meters (1,730 feet)
10,001 - 30,000	690 meters (2,260 feet)

- D. Preparedness and Prevention. Open detonation shall occur in an area capable of withstanding a blast. Security shall be provided by the Permittee to prevent the entry of persons into dangerous areas surrounding the detonation zone in accordance with the requirements of 40 C.F.R. § 264.14(b). Adequate firefighting and first aid equipment shall be provided by the Permittee and/or by the local fire department. If the fire department is to provide this equipment, the Permittee is responsible for ensuring that the fire department does indeed provide it.

Handling and transportation of the waste to the treatment area shall be accomplished by persons with experience and/or training in the handling of reactive and ignitable materials. All wastes shall be properly packed and stabilized prior to transportation.

The detonation shall take place under the direct supervision of Technical Sergeant Travis Tomassi, or an authorized EOD Specialist.

- E. Inspection/Disposal of Residues. The Permittee shall inspect the treatment area after detonating the waste outlined in permit condition III.A. The Permittee shall determine whether residues are hazardous wastes pursuant to 40 C.F.R. § 262.11, with such determination subject to review and approval by EPA personnel. All residues determined to be hazardous waste shall be managed as such pursuant to 40 C.F.R. Part 262.
- F. Other Approvals. Prior to treatment under this Permit, the Permittee shall obtain all necessary federal and local approval, permits and/or licenses.
- G. Required Reports. Technical Sergeant Travis Tomassi, or an authorized designee, shall submit a report to the EPA, Office of Land, Chemical and Redevelopment, within thirty (30) days of completion of this emergency treatment. The report must include a summary of the activity authorized by this Permit and must include the following elements:
1. The type and quantity of hazardous waste involved.
 2. The specific location of the activity authorized by this Permit.
 3. The name of the authorized EOD Specialist designee (if one is so appointed).

4. The method of treatment (open detonation), if such activity is involved).
 5. A description of any unusual circumstances involved in the management of the hazardous waste described in this Permit; and
 6. The results of the inspections and, if applicable, the results of any hazardous waste determinations of residues conducted under Permit condition E.
- H. Additional Work. The EPA may require additional work as required by 40 CFR 264 and 40 CFR 266 based on the information provided in Permit condition G. The EPA will provide such additional work requirements in writing. All submittals and reports are subject to EPA approval.
Send all submittals and reports as required by this permit to:

Louie Cuaderno
cuaderno.louie@epa.gov or to

U.S. Environmental Protection Agency, Region 10
Corrective Action, Permitting and PCBs Unit
Land, Chemicals and Redevelopment Division
1200 Sixth Avenue, Suite 155, M/S 15-H04
Seattle, WA 98101

Attention: RCRA Corrective Action, Permits and PCB Unit