


REQUEST FOR ENVIRONMENTAL IMPACT ANALYSIS

INSTRUCTIONS: Section I to be completed by Proponent; Sections II and III to be completed by Environmental Planning Function.
Continue on separate sheets as necessary and reference appropriate item number(s).

SECTION I - PROPONENT INFORMATION

1. TO (Environmental Planning Function) 20 CES/CEIA	2. FROM (Proponent organization and functional address symbol) 20 CES/CEN	2a. TELEPHONE NO. 965-5233
3. TITLE OF PROPOSED ACTION POL Tank 27 (Facility 9073) Repairs at Shaw AFB.		
4. PURPOSE AND NEED FOR ACTION (Identify decision to be made and need date) The Purpose of the Proposed Action is to address deficiencies in POL Tank 27 at Shaw AFB, SC and lessen risk of environmental degradation on the base due to tank failure. The Proposed Action is needed because current conditions of Tank 27 indicate that it is in a state of disrepair. The actions are necessary because the tank does not function correctly and parts need to be replaced in order to ensure continued compliance with American Petroleum Institute (API) 653. Maintenance requirements exceed capacities of POL technicians at Shaw AFB, and so a larger effort at maintenance is required. The tank is currently functioning for Jet Fuel storage for the flight line, but continued usage without needed repairs risks tank roof collapse and jet fuel spilling onto flight line and POL storage yard, and this would interfere with the mission at Shaw AFB. The Proposed Action need date is 1 January, 2025.		
5. DESCRIPTION OF PROPOSED ACTION AND ALTERNATIVES (DOPAA) (Provide sufficient details for evaluation of the total action) Proposed Action (Preferred Alternative): - The Proposed Action includes repair and component replacement work on Tank 27, a 503,219 gallon Jet-A tank with an external floating roof. All work will be within the POL fuel yard where the tank is located (please see attached map). Please see next page for more information on DOPAA		
6. PROPONENT APPROVAL (Name and Grade) Christopher Smith GS-12	6a. SIGNATURE SMITH.CHRISTOPHER.J.1607 709471  Digitally signed by SMITH.CHRISTOPHER.J.1607709471 Date: 2025.05.27 11:12:01 -04'00'	6b. DATE 05272025

SECTION II - PRELIMINARY ENVIRONMENTAL SURVEY (Check appropriate box and describe potential environmental effects including cumulative effects) (+=positive effect; 0=no effect; -= adverse effect; U=unknown effect)

	+	0	-	U
7. AIR INSTALLATION COMPATIBLE USE ZONE/LAND USE (Noise, accident potential, encroachment, etc.)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. AIR QUALITY (Emissions, attainment status, state implementation plan, etc.)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. WATER RESOURCES (Quality, quantity, source, etc.)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. SAFETY AND OCCUPATIONAL HEALTH (Asbestos/radiation/chemical exposure, explosives safety quantity distance, bird/wildlife aircraft hazard, etc.)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. HAZARDOUS MATERIALS/WASTE (Use/storage/generation, solid waste, etc.)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. BIOLOGICAL RESOURCES (Wetlands/floodplains, threatened or endangered species, etc.)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. CULTURAL RESOURCES (Native American burial sites, archaeological, historical, etc.)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. GEOLOGY AND SOILS (Topography, minerals, geothermal, Installation Restoration Program, seismicity, etc.)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. SOCIOECONOMIC (Employment/population projections, school and local fiscal impacts, etc.)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. OTHER (Potential impacts not addressed above.)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SECTION III - ENVIRONMENTAL ANALYSIS DETERMINATION

17. ☒ PROPOSED ACTION QUALIFIES FOR CATEGORICAL EXCLUSION (CATEX) # 32 CFR651, Appx B. (g)(1) ; OR

☐ PROPOSED ACTION DOES NOT QUALIFY FOR A CATEX; FURTHER ENVIRONMENTAL ANALYSIS IS REQUIRED.

18. REMARKS
20 FW/JA Concurrence with the Environmental Analysis Determination in Block 17 received 25 June 2025.

The DAF specifically determines that this proposed project is substantially the same as those which qualify for a CATEX under 32 CFR Appendix B to Part 651 § II(g)(1) and that there are no extraordinary circumstances that require either an EIS or EA.

32 CFR part 651, Appendix B. (g)(1) (Adapted from the Department of the Army): Routine repair and maintenance of buildings, airfields, grounds, equipment, and other facilities. Examples include but are not limited to: Removal and disposal of asbestos containing material (for example, roof material and floor tile) or lead-based paint in accordance with applicable regulations; removal of dead, diseased, or damaged trees; and repair of roofs, doors, windows, or fixtures (REC required for removal and disposal of asbestos-containing material and lead based paint or work on historic structures).

Due to the adapted CATEX, public notice on Shaw AFB website for 30 days will be required.

19. ENVIRONMENTAL PLANNING FUNCTION CERTIFICATION (Name and Grade) Laura Anne Junge, GS-12	19a. SIGNATURE  Digitally signed by JUNGE.LAURA.ANNE.158854346 0 Date: 2025.06.25 10:09:28 -04'00'	19b. DATE 25 June 2025
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AF IMT 813, SEP 99, CONTINUATION SHEET

Section 5 (cont).

Included in the Proposed Action is the replacement of the tank roof (using a crane brought into the POL yard), and demolishing the existing roof. Abandoned piping and appurtenances (approximately 100 linear feet) will be removed, and the thermal relief lines will be replaced (30 linear feet). Tank level alarms (including float, gaskets, seals, National Electrical Manufacturers Association (NEMA) 4 control panel, lights, and horn) will be installed per industry standard for Aboveground Storage Tanks (ASTs). Stairs to the roof of the tank will be replaced, made from galvanized steel. The water draw-off system and floating pan will both be replaced. The AFFF (Aqueous film-forming foam) fire suppression system will be demolished. The containment area (approximately 250 linear feet around the tank) will be repaired with Geotextile Fabric, 130 Mil Thick Non-Woven Polypropylene as per industry standard. Structural concrete will be placed at the base of the staircase using reinforced steel and Portland cement. Internal and external coating of the tank will be replaced. Soil around tank has been tested and contamination is not expected, however, contract includes additional soil testing and soil removal in the event that soil is contaminated by POL (please see SOW for more details). Coating removal by abrasive blasting will generate spent blasting media to be sampled by toxicity characteristic leaching procedure (TCLP) to determine hazardous waste characterization. A manifest for the spent media will be generated and Shaw AFB personnel will need to sign the disposal manifest. All waste products will be properly stored and contained prior to disposal. As appropriate, precautions IAW UFGS 02 83 00 Lead Remediation will be performed. All coating staff performing abrasive blasting, clean-up or coating will wear respirators appropriate for these activities. No sorties, additional personnel, or aircraft will be brought to Shaw AFB as a result of this action, with the exception of short-term contractor personnel to complete the work.

No Action Alternative: Under the no action alternative, no new construction of, or modification to, Tank 27 will take place. If not maintained properly, the integrity of Tank 27 and associated components would become compromised and could potentially impact the surrounding environment and community. Eventually, mission requirements would not be met due to increased failure of the tank components (roof collapse and jet fuel spilling in to the POL fuel yard), leading to the stoppage of fuel for the flight line.

The DAF is aware of the November 12, 2024 decision in *Marin Audubon Society v. Federal Aviation Administration*, No. 23-1067 (D.C. Cir. Nov. 12, 2024). To the extent that a court may conclude that the Council on Environmental Quality (CEQ) regulations implementing NEPA are not judicially enforceable or binding on this agency action, the DAF has nonetheless elected to follow those regulations at 40 C.F.R. Parts 1500– 1508, in addition to the DAF's procedures/regulations implementing NEPA at 32 CFR 989, to meet the agency's obligations under NEPA, 42 U.S.C. §§ 4321 et seq.

AICUZ/Land Use: POC - Ashley Nichols (20 CES/CEN): 0 = No effect. No adverse impact is anticipated with the subject project identified in Section I. The request does not impact the recently adopted AICUZ, noise contours, or installation land uses. While unlikely to occur, please note crane or repair equipment overall heights should not impede into the transitional imaginary surface (7:1) or impact base aircraft activity.

Air Quality: POC - Jamal Lewis (20 CES/CEIEC): 0 = No effect. No effect for Air Quality. Sumter County is in an attainment area due to the 2015 Ozone National Ambient Air Quality Standards. Digging and construction vehicles can impact air quality in the work area. These can be reduced by dust suppression and reducing vehicle idling time. Let me know if you an ACAM is required.

Water Resources: POC - Candler Mathews (20 CES/CEIEC): 0 = No Effect. There are no effects to the water program.

Occupational Health/Bioenvironmental: POC - TSgt Toledo (20 MDG) or Capt. Rataj (20 MDG): 0 = no effect. Contractors will comply with applicable OSHA standards to include but not limited to:

29 CFR § 1926.57, Ventilation

29 CFR § 1926.52, Occupational noise exposure

29 CFR § 1926.101, Hearing Protection
 29 CFR § 1926 Subpart E, Personal Protective Equipment
 29 CFR § 1926.103, Respiratory Protection (refers to 1910.134)
 29 CFR § 1926.51, Sanitation
 29 CFR § 1926.1203, General requirements.
 29 CFR § 1926.55, Gases, vapors, fumes, dusts, and mists. Appendix A, Threshold limit values of airborne contaminants for construction
 Silica See 1926.55, Appendix A
 29 CFR § 1926.62, Lead
 29 CFR § 1926.1126, Chromium(VI)
 29 CFR § 1926.1153, Respirable crystalline silica
 29 CFR § 1926 Subpart J - Welding and Cutting
 29 CFR § 1926.59, Hazard Communication (refers to 1910.1200)
 Compliance with the above is expected to result in no effect to government employees.
 Safety: MSgt McNeese (or other POC) (20 FW/SE): 0 = no effect. Please ensure workers comply with all applicable requirements as outlined in OSHA Standards CFR 29 Part 1910, 1926, National Electric Code and the National Fire Codes. Use only qualified and properly licensed operators for powered construction equipment. (Ref: 29 CFR 1910.178(1)(1)(ii)) . If work involves a permit-required confined space entry, the contractor will ensure it is in the statement of work and coordinate with the organization having work accomplished. Ensure employees use and are trained as necessary on the proper use of Personal Protective Equipment (29 CFR 1910.132)
 Hazardous Materials/Waste: POC - Tyler West (20 CES/CEIEC): 0 = no effect. The project provides measures to ensure environmental compliance with SAFB Plan(s) 32-7002A (Hazardous Material Management) and 32-7002C (Hazardous Waste Management). To include waste stream sampling, proper labeling/disposal methods, and PPE. Contractors must provide a list of all Hazardous Materials and Hazardous waste used/generated to CEIEC by utilizing the SAFB Contractors Worksheet found in the 20 CES Contractor Environmental Requirements document.
 Biological Resources: Wetlands/Floodplain POC - Laura Junge (20 CES/CEIEA): 0 = no effect. No wetlands are inside the POL yard, and stormwater protections are in place.
 Threatened or Endangered Species POC: Sharna Tolfree (20 CES/CEIEA): 0 = no effect. Upon review of the project description there are no anticipated effects on threatened and endangered species. No T&E species are found within the project area.
 Cultural Resources: POC - Laura Junge (20 CES/CEIEA): 0 = no effect. No Cultural Resources identified inside the POL fuel yard.
 Geology and Soils: Chris Wargo (20 CES/AFCEC/CZOE): 0 = No effect. Environmental Restoration groundwater monitoring wells located adjacent to the POL tank 27. Wells should be marked to prevent any damage during tank maintenance activities.
 Socioeconomic: POC - Ashley Nichols (20 CES/CEN): 0 = No effect. No adverse socioeconomic impact is anticipated with the subject project identified in Section I.
 Other: John Morgan (Tanks: 20 CES/CEIE): 0 = No Effect. No issues with this proposed tank upgrade. Customary to replace parts as needed.