

PROJECT ENVIRONMENTAL REVIEW SHEET

Project Name: Aguada Tank Replacement

Project Number: RM 22-1452

Date: September 28, 2023

Project Description/Scope:

This contract task order will remove a 20,000-gallon underground storage tank (UST) or perform an in-place tank closure and install a replacement 50,000 gallon aboveground storage tank (AST) system consisting of two - 25,000 gallon ASTs.

NOTES:

The contractor shall cut the copper mesh ground screen to remove the UST and piping. See section on grounding in scope of work for repair requirements.

The contractor shall be prepared to execute and provide ALL material, equipment, and services required to perform this scope of work; including the responsibility to obtain all necessary certifications, permits, and authorizations.

The contractor shall perform the project so that the new AST system is installed and tested for proper operation with the emergency generator system prior to closure of the UST. The AST system operation shall be tested with 5000 gallons of fuel transferred through the polishing system from the UST. The fuel supply to the emergency generators must be maintained during the project.

Hazardous Material Information:

This work will take place in an electromagnetic radiation hazard (RADHAZ) area. The RADHAZ source transmitter typically operates 24/7 except for 0800-2000 on Fridays.

1. Natural Resources

Yes No

XX Does project affect flora?

XX Does project affect fauna?

XX Does project affect Bird-Aircraft Strike Hazards (BASH)?

XX Does project affect erosion?

2. Jurisdictional Wetlands or Other Surface Waters [CWA 404(b)(1), E.O. 11990]

Project is sited in a jurisdictional wetland. See Section 13 for required permits.

Project is not sited in a jurisdictional wetland.

Provided public notice per E.O. 11990 of proposed action for projects with jurisdictional wetlands prior to RCE signature. The RCE Conclusion Section must include a concise Finding of No Practicable Alternative (FONPA) statement.

3. Flood Plains (E.O. 11988)

Reviewed most current FEMA Map for the project site (<https://msc.fema.gov/portal/home>).

Project is sited in a 1-percent annual-chance flood. See Section 13 for required permits.

Project is not sited in a 1-percent-annual-chance flood (a.k.a 100-year flood or base flood).

Provided public notice per E.O. 11988 of proposed action for projects located within flood plains prior to RCE signature. The RCE Conclusion Section must include a concise FONPA statement.

4. Coastal Zone Management Act (15 CFR 930)

Project is located within the Coastal Zone. **Confirmed with Puerto Rico Coastal Program Office of Geology and Hydrology that the Project location falls under Section 304 Excluded Federal Lands Section of the Puerto Rico Coastal Management Program.**

Project is not located within the Coastal Zone.

Project is not located in the coastal zone, but has potential to affect coastal uses or resources within the coastal zone (e.g., runoff, emissions, protected species, historic resources, etc.).

A Coastal Consistency Determination was submitted to the state coastal management program for the project on August 21, 2023, (at least 90 days before final approval of the activity, i.e., signed RCE).

A Negative Determination was submitted to the state coastal management program for the project on _____ (at least 90 days before final approval of the activity, i.e., signed RCE).

Concurrence from the Puerto Rico coastal management program on either the Coastal Consistency Determination or Negative Determination was received on **September 27, 2023**.

5. Threatened and Endangered (T&E) Species

Project has potential for affecting T&E Species or federally designated critical habitats.

Project has no potential for affecting T&E Species or federally designated critical habitats.

Biological Evaluation/Assessment is required. Consultation concluded with a concurrence received on _____.

6. Essential Fish Habitat (EFH)

Project has potential to affect EFH. Consultation with NMFS is required.

Project does not have potential to affect EFH.

An EFH Assessments was submitted to NMFS on _____. Consultation concluded with concurrence received on _____.

7. Cultural Resources

Cultural Resources Subject Matter Expert (CR SME) confirms that Project has the potential to affect historic properties.*

CR SME concludes that Project has no potential to affect historic properties. SHPO consultation is not required

CR SME confirms that Project Area of Potential Effects (APE) has been surveyed and no historic properties were identified.*

CR SME confirms that Project will not incur adverse effects on historic properties identified in the APE.*

CR SME confirms that Project will incur an adverse effect on historic properties identified in the APE.*

CR SME confirms that Project will affect sites of interest to federally recognized Indian tribes. Appropriate tribal consultation required.

CR SME confirms that Section 106 consultation concluded with a concurrence received on _____.

* SHPO consultation/concurrence required.

8. Water, Wastewater and Stormwater

8a. Water:

Implementation of the Proposed Action will not affect water.

Construction permit required for extension of water system. See Section 13.

Backflow preventer(s) required. Must be field tested by licensed inspector upon installation.

Sprinkler system must have rain sensor device.

Well drilling/modification/abandonment must be conducted by a licensed contractor. Permit required. (See Section 13.) Other: Stormwater Management Plan will require addressing possible contaminated soil exposure.

8b. Wastewater:

Implementation of the Proposed Action will not affect wastewater.

Construction permit required to connect to collection system. See Section 13.

No permit required.

Other: Dewatering permit will be needed if the contractor will be discharging groundwater that is believed to be contaminated to waters of the state of the United States. If applicable, consult with EPA Region 2 for permitting requirements.

8c. Stormwater:

- Implementation of the Proposed Action will not affect stormwater.
- Site included in station Stormwater Pollution Prevention Plan (SPPP); permit required but may access existing stormwater system.
- NPDES applicable site; construction contractor must obtain permit and implement SPPP (CWA Section 402. See Section 13.
- Notice of Intent/Notice of Termination required.
- Upon completion site will be included in station SPPP.
- Other: Erosion control measures in place and/or dust control measures whenever earth is exposed.
- Other: Power wash runoff must not enter storm drains. Avoid power washing with soap or chemicals.
- Other: Must submit Stormwater Management Plan for approval before commencing.
- Other: _____

9. Installation Restoration Program (IRP)/Leaking Petroleum Storage Tank (LPST)

- Facility is on an IRP/LPST site.
- Facility is sited near an IRP/LPST site. Approximately _____ feet away.
- Facility is not sited on or near an IRP/LPST site. Aguada is not a CERCLA site. No known contamination exists.
- The nature of the site contamination does not preclude the type of construction activity proposed.
- Land Use Restrictions are in effect.
 - The proposed facility is acceptable land use.
 - The proposed facility is not acceptable land use.
- There is a Compliance Agreement associated with this site.
 - A Remedial Investigation/Feasibility Study &/or Affected Property Assessment Report was completed on _____, to accurately delineate the aerial extent of the contamination.
- The following activities must be coordinated with the IRP Manager/Navy: excavation, sampling, and 40-hour H&S training.

10. Air Pollutants

- Will be generated by implementation of the Proposed Action.
 - Request for permit determination is required.
 - Only de minimis air effects are expected (identify sources in RCE).
- Will not be generated by implementation of the Proposed Action.
- Conformity applicability analysis is not required.
- Conformity applicability analysis is required. See Section 13.
- Construction Permit for new air emissions source is not required.
- Construction Permit for new air emissions source is required. See Section 13.
- Ozone Depleting Substance must be recaptured in conformance with Clean Air Act
- Contractor is responsible for air emission record keeping

11. Hazardous Wastes

Will implementation of the Proposed Action generate any wastes? Yes No

*Hazardous waste generation and disposal must be coordinated with the Station HW Manager. *

11a. Asbestos:

Present: (See attached Asbestos Survey Certification form.)

Not present.

Survey completed on _____.

Need asbestos survey.

Department of Health Notification Required

Contractor is responsible for all Notification fees and disposal costs.

All asbestos work will be done by personnel who hold a license issued by the appropriate regulatory authority.

11b. Lead Based Paint:

Present: (See attached Lead Survey Certification form.)

Need lead survey.

Survey completed on _____.

Not present. (Lead Survey Certification not required.)

11c. Polychlorinated biphenyls (PCBs):

Present: See IR Affected Property Assessment Report

Not present.

Other known hazardous or toxic substances and pollutants (e.g. contaminated soils):

Not present.

Present: See IR Affected Property Assessment Report

12. Solid Wastes

Solid waste disposal must be coordinated with Solid Waste Manager.

Will work being performed on the project generate any nonhazardous waste? Yes No

Construction and Demolition debris? Yes No

Recyclables? Yes No (All recyclable quantities must be reported/submitted in tons to SWM)

Unknown.

13. Environmental Permits

The following permits are required prior to construction:

Army Corps of Engineers Permit for wetland impacts or other surface waters.

Construction permit required for extension of potable water system per _____

Construction permit required to connect to sanitary collection system per _____

Well drilling/modification/abandonment Permit required per _____. Work must be performed by a licensed contractor.

NPDES applicable site; construction contractor must obtain permit and implement SPPP.

Construction permit for new air emissions source.

Other Permits: **An AST operating permit and a dig permit from Puerto Rico Department of Natural and Environmental Resources (DRNA) must be acquired for both new ASTs.**

No permits are required.

14a. Additional NAS Jacksonville Requirements

I. Storm Water

___ Contact the Stormwater Program Manager concerning de minimus exceptions or for the use of existing stormwater credits (if available)

___ St. Johns River Water Management District permit required. Commencement of Construction needs to be submitted within 48 hours prior to construction and an as built certification must be submitted within 30 days of end of construction.

II. Surveys

___ The project coordinator/manager shall ensure that this project incorporates any needed surveys or tests including asbestos, lead based paint or polychlorinated biphenyls during project development and requires proper management in executing the project.

III. Storage Tanks

___ No storage tanks are involved.

XX New storage tanks will be installed.

Diesel Material to be stored **50,000 Gallons**.

XX Existing tanks on the project site will be removed. **NAS Jacksonville, PWD must be notified and proper notification/registrations completed prior to start of work.**

___ Existing tanks on project site will be retained.

___ Jacksonville EQD must be notified 30 days prior to delivery and 48 hours prior to work commencement.

See notes in 14B

14a. (continued)

IV. Radon:

___ Radon testing shall be performed after every renovation (e.g., weatherization, whole building replacement, additions); heating, ventilation, and air conditioning (HVAC) modification or replacement; or damage by any events such as earthquakes and storm weather that would alter the building envelope.

___ Navy Leases. Activities must evaluate all existing and new lease agreements (including buildings used at overseas facilities under international use agreements) to determine if it is clear who has the main responsibility to monitor and mitigate when required and to ensure Navy occupancy is, or will be, under similar radon exposure protection obtained by implementing NAVRAMP in Navy-owned buildings.

N/A Radon is not a concern at this site.

V. Pollution Prevention:

XX Seek to achieve the goals of Executive Order (E.O). 13834, Efficient Federal Operations

___ Pollution prevention requirements do not apply to this project/action.

14b. Additional PERS Comments

Note: PERS comments must be incorporated into the contract SPECS, SOW, project documents as well as any other contractor documents. All necessary environmental coordination and consultations must be completed prior to the RCE being signed (or PERS if a PERS-only NEPA decision document is appropriate for the Proposed Action). The Proposed Action may not be implemented until the NEPA is fully concluded with a signed NEPA decision document (whether that is an RCE or PERS-only NEPA decision document). Likewise, a contract to implement the Proposed Action may not be awarded until the NEPA requirement is fully concluded with a signed NEPA decision document.

1. Hazardous Waste: Based off the work description, it is unclear whether there will be any regulated Hazardous Waste created. If hazardous waste is generated, the contractor needs to have a disposal plan that the Government can review and approve. The Government on-site Manager at Aguada should be advised of any regulated waste generation and removal plans so those plans can be relayed to NAS JAX PWD EV for review and approval. Any questions please call the Installation Hazardous Waste Program Manager.

2. Natural Resources: Aboveground fuel tanks will be built within the floodplain. Floodplain development permitting may be required, contractor to verify and obtain any permitting required for construction of a structure within the floodplain.

3. Cultural Resources: In the event that any artifacts or items of cultural resource significance are found, stop work in the immediate area and notify the Contracting Officer, who will notify the Cultural Resource Manager. It is important to note, the Government retains ownership and control over historical and archeological resources.

4. Stormwater: Implement appropriate Best Management Practices on the construction site and while dewatering groundwater to remove the current tank that is onsite. Suggest the use of a sediment filter bag placed on gravel inside of a silt-fenced perimeter while dewatering. Ensure silt fencing is properly installed around the perimeter of the construction site. Ensure any soil that is stockpiled has a silt fencing properly installed around it and is stabilized or covered if not used within 7 days. Reference the EPA MS4 Permit for Puerto Rico for more information on stormwater requirements. If groundwater is believed to be contaminated, contact the PWD EV Water Program Manager prior to performing any testing. Ensure no concrete waste from concrete pad pouring operations is discharged to the ground. If there will be waste concrete generated it must be lined out over a barrier to ensure no impacts to groundwater.

5. Potential AST Locations: As for the discussion related to alternate locations for the new tanks and associated slab, please stay away from the Septic Tank site and associated Drain Field to the south of the main building. New tanks cannot be installed on the south side of the compound due to the active septic tank. There is also a well on the west side of the building that has not been properly abandoned. We do not have utilities mapped in this compound. Suggest doing so prior to planning the install area and breaking ground.

6. Storage Tanks: Any Storage tanks installed must be installed by certified petroleum storage tank contractors, must be certified double walled storage tanks and received with pressure/vacuum gauges. Photos of gauges must be taken to verify tanks have not experienced damage during shipment. All labeling photos required for Petroleum storage tank registration and records establishment/documentation. Appropriate notifications to local authorities must be made and all required registrations or permitting acquired.

Puerto Rico closure in-place requirements must be met if closure is the chosen path. Please reference all pertinent federal, state, and local regulations and acquire all applicable permits.

Contact the PWD EV Tanks Manager when contacting any regulatory authority and work all notifications, registrations, and permitting through them.

7. Environmental Regulations: The Navy will ensure all required Environmental Regulations, including consistency with PRPB Special Flood Hazard Areas Regulation (Planning Regulation Number 13), and applicable rules related to floodplain management, are met prior to disturbing the project site (prior to start of construction). This includes but is not limited to tank location, tank elevation, anchoring, and measures to avoid/minimize storm/hurricane damage within the Culebrinas river floodway. Consistent with 40 CFR 112, an SPCC will be provided to the Puerto Rico Department of Natural and Environmental Resources (attention to the Water Quality Division) as well as to the Office of Geology and Hydrology as soon as the ASTs become operational. Additionally, the Regulation for the Control of Underground Storage Tanks, the applicable parts of the Permanent Closure Guidance, will be followed after performing any work. **The permit application will be submitted** to the Underground Storage Tanks Control Division of the Water Quality Area at the Department of Natural and Environmental Resources.

Further notes from the Puerto Rico Office of Geology and Hydrology:

1. The design must comply with provisions of the PRPB Regulation Number 13 and apply all required measures at the federal and state level regarding the management of floodplains.
2. Contractor must file the required **"Tank replacement permit"** at the Water Quality Division of the Department of Natural and Environmental Resources (DNER) and comply with the requirements of this agency for the design and construction of the proposed fuel storage facility.
3. Submit copy of the Pollution Prevention Plan, DNER, PRCI and SHPO endorsements to the Office of Geology and Hydrogeology Office of the Puerto Rico Planning Board.

<p>15. Extraordinary Circumstances</p> <p>Were one or more extraordinary circumstances of 32 CFR 775.6(e)(1) present and a consideration for this proposed action? <u> </u> Yes* <u>XX</u> No</p> <p>*If yes, notify CNRSE Regional NEPA Coordinator immediately.</p>	
<p>16. If the proposed action does not require a documented Record of Categorical Exclusion (RCE), complete the following:</p> <p>The proposed action falls under CATEX(s) <u>n/a</u> and does not require a formally documented RCE, per CNRSEINST 5090.2C (5)(c).</p>	
<p>17. Are multiple CATEXs being applied to this proposed action? <u> </u> Yes <u>XX</u> No</p> <p>Please note the use of multiple CATEXs for a proposed action should be the exception, not the rule. NAVFACSE NEPA Core should also be engaged to ensure consistency across the Region. If it has been determined the use of multiple categorical exclusions (typically no more than 2) are appropriate for the proposed action, please revise the conclusion language of Section 6 of the RCE to the following:</p> <p>Conclusion: The undersigned finds that the proposed action is within the scope of CATEX(s) 34, and none of the exclusions from reliance on a CATEX apply in this case. Regarding the use of multiple CATEXs for this proposed action, the undersigned also finds that the proposed action has not been improperly of segmented to meet the definition a CATEX; that the proposed action is not connected to other actions with potentially significant impacts; is not related to other actions with individually insignificant but cumulatively significant impacts; and, would not irreversibly commit the Navy to one large action. Therefore, the proposed action is excluded from the requirement for further NEPA analysis.</p>	
<p>18. Per NRSEINST 5090.2C, please submit complete copies of all signed RCEs with enclosures to the CNRSE Regional NEPA Coordinator within 14 calendar days of signature, in a single pdf file.</p>	
<p>Jenna Kobischen Environmental Program Director Public Works Department Phone: (904) 542-5789 jenna.d.kobischen.civ@us.navy.mil</p>	<p>Signature:</p>

Environmental Reviewers and POCs:

Program	POC	Phone (904)	Email	Date Reviewed and Initials
Natural/Cultural Resources	Sarah Hill	542-5927	sarah.e.hill71.civ@us.navy.mil	14 July 2023 SEH
Water Programs	Jonathon Colmer	542-8129	jonathon.m.colmer.civ@us.navy.mil	31 July 2023 - JMC
Installation Restoration	Dave Ford	542-4228	earl.d.ford.civ@us.navy.mil	7/17/23 - EDF
Air	Scott Berner	542-5285	scott.a.berner.civ@us.navy.mil	7-26-23 SB
Hazardous Waste	Jody Smith	542-5251	joseph.p.smith9.civ@us.navy.mil	7-14-23 JS
Tanks	Jim Taylor	542-3016	james.e.taylor2.civ@us.navy.mil	8/7/2023 JET
NEPA	Wendy Dauberman	542-5285	wendy.s.dauberman-zerby.civ@us.navy.mil	08/05/2023 WSD