JP-833
Rev. Jan. 01

Commonwealth of Puerto Rico
Office of the Governor
Puerto Rico Planning Board
Physical Planning Area
Land Use Planning Bureau

Application for Certification of Consistency with the Puerto Rico Coastal Management Program

General Instructions:

A. Attach a 1:20,000 scale, U.S. Geological Survey topographic quadrangular base map of the site.

B. Attach a reasonably scaled plan or schematic design of the proposed object, indicating the following:

1. Peripheral areas

2. Bodies of water, tidal limit and natural systems.

C. You may attach any further information you consider necessary for proper evaluation of the proposal.

D. If any information requested in the questionnaire does not apply in your case, indicate by writing "N/A"(not applicable).

E. Submit a minimum of seven (7) copies of this application.

DO NOT WRITE IN THIS BOX

Type of application: _____ Application Number: _____

Date received: _____ Date of Certification: _____

Evaluation result: ☐ Objection ☐ Acceptance ☐ Negotiation

Technician: _____ Supervisor: _____

Comments:

1. Name of Federal Agency: United States Navy

2. Federal Program Catalog Number: N/A

3. Type of Action:

☒ Federal Activity ☐ License or permit ☐ Federal Assistance

4. Name of Applicant: United States Navy Aguada Radio Transmitter Facility

5. Postal Address: 1710 Tablonal, Puerto Rico 00602

Telephone: 904-652-9290 Fax: _____

6. Project name: Replace Underground Storage Tank with Aboveground Storage Tank System

7. Physical Description of Project Location (area, facilities such as vehicular access, drainage, storm and sanitary sewer placement, etc.): The facility has vehicular access, drainage area, storm and sanitary sewer placement. Facility is not located in a wetland nor in waters of the United States. The facility is located in a 1% to 2% floodplain.

Lambert Coordinates: X = 18° 23'54.93" Y = 67° 10'36.65"

8. Type of construction or other work proposed:

☐ drainage ☐ channeling ☐ landfill ☐ sand extraction

☐ pier ☐ bridge ☐ residential ☐ tourist

others (specify and explain) Remove a 20,000 gallon Underground Storage Tank (UST) and replace UST with two 25,000 Aboveground Storage Tanks (AST) on concrete slab(s).

Description of proposed work: The proposed work is to replace an aging and deteriorated 20,000 gallon Underground Storage Tank (UST) which will be disposed of at an approved landfill. The UST will be replaced with two new 25,000 Aboveground Storage Tanks (AST) on concrete slab(s). The two new ASTs will be double wall steel UL-2085. All piping will be 304L stainless steel aboveground or HDPE double wall – 2% carbon with fire rating underground. Pumps will have line leak detectors to measure any drop in line pressure and an anti-siphon mechanisms. Fill ports will have overfill containment. Tanks will have automatic tank gauging to monitor the status. The ASTs must be installed by certified petroleum storage tank contractors. The contents to be stored in the AST's is #2 Diesel Fuel. Inspections of the two Aboveground Storage Tanks will be performed monthly. The SPCC plan will be provided to the Puerto Rico Department of Natural and Environmental Resources attention to the Water Quality Division as soon as the ASTs become operational. A copy of the SPCC plan will also be provided to OGH.

The United States Navy Environmental Readiness Program Manual OPNAV 5090.1e requires SPCC plans. Since this document is 844 pages, the link to the manual is provided for OPNAV 5090.1e: https://www.secnav.navy.mil/doni/SECNAV%20Manuals1/5090.1.pdf .

Additionally, please refer to these two sections within the link of OPNAV 5090.1e:

1. "Section 31-1.3. Applicability. This chapter covers USTs and ASTs containing petroleum products, HSs, or HW at Navy shore facilities within the United States, the Commonwealth of Puerto Rico, the U.S. Virgin Islands, Guam, American Samoa, and the Commonwealth of the Northern Mariana Islands. Chapter 34 (Overseas Environmental Compliance Ashore) of this manual describes responsibilities and requirements pertaining to Navy installations in foreign countries."

2. "Section 31-3.1. Tank Management Plans. Navy installations with storage tanks must have a tank management plan."

Also, work shall be performed in accordance with applicable federal, commonwealth and local regulatory requirements; and applicable industry standards including, but not limited to Steel Tank Institute (STI) guidelines.

The new AST system shall be 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.

Current Situation: During the 2022 Hurricane season, impacts to site further damaged existing tanks, but identified that these existing tanks were under capacity, which led to negative mission interruptions and impacts. If Aguada was impacted in a similar capacity today they would most likely experience interruptions and negative mission impacts due to lack of fuel capacity and storage.

Impact if not provided: The critical antenna site will not be able to meet mission requirements during interruptions to regular fuel supply. Increasing fuel storage capacity increases the overall resiliency for continued mission operations.

Potential AST Locations: The contractor shall provide a utility locate service to positively identify underground utilities in the work area. The contractor is responsible for obtaining the dig permits.

Hazardous Waste: The proposed work will generate regulated waste. Hazardous waste generation and disposal must be coordinated with the Station Hazardous Waste Manager.

Solid Waste: The proposed action will generate nonhazardous solid waste and construction and demolition debris. Solid waste disposal must be coordinated with the Solid Waste Manager.

Natural Resources: The proposed project does not affect flora, fauna, nor affect erosion. The project is not located in a jurisdictional wetland. There is no potential of the project to affect threatened and endangered species or federally designated critical habitats; nor essential fish habitat.

Floodplains Executive Order 11988: The proposed project is sited in a one percent annual chance flood area. The site is subject to floods of up to 4 feet. All key components like pumps, gauges, electrical controls, etc., shall be installed at least 4 feet off the ground or sealed and certified waterproof. All elevated supports shall be bonded to the existing ground mesh with mechanical connections. The connections shall be above ground for inspection purposes. Isolated/insulated sections of platforms, catwalks and stairs shall be connected to each other using flexible copper connections equivalent to 8 AWG (minimum) or welded to form one solid/bonded piece. The flexible connection can be made of copper strap, braid or wire. In accordance with Executive Order 11988 Floodplain Management, the Navy finds there is no other practicable alternative to implementing the Proposed Action within the floodplain and that the Proposed Action includes all practicable measures to minimize harm to the floodplain environment. In accordance with Executive Order 11988 an early Public Notice will be posted for public review and comment. A final Public Notice will also be posted for public review.

Cultural Resources: The proposed project has no potential to affect historic properties. SHPO consultation is not required.

Water: Implementation of the project will not affect water.

Wastewater: A dewatering permit will be needed if the contractor will be discharging groundwater that is believed to be contaminated to waters of the United States.

Stormwater: Erosion control measures need to be in place and/or dust control measures whenever earth is exposed. Best Management Practices must be implemented on the construction site and while dewatering groundwater to remove the current tank that is onsite. It is recommended 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. Also, 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. Contractor to reference the EPA MS4 Permit for Puerto Rico for more information on stormwater requirements.

Contractor to 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.

Environmental Permits: AST operating permit, UST Closure permit, and Dig permit from Puerto Rico Department of Natural and Environmental Resources (DNER) Potentially a dewatering permit if contractor discharges groundwater that is believed to be contaminated to waters of the United State. Contractor to verify with DNER if any other permits are necessary.

SPCC Plan - Once the contract is awarded, the Contractor is required to provide the SPCC plan when the ASTs are operational. The SPCC plan will be provided to the Puerto Rico Department of Natural and Environmental Resources attention to the Water Quality Division. The SPCC plan will also be provided to OGH. Additionally, the United States Navy Environmental Readiness Program Manual OPNAV 5090 requires SPCC plans.

Plans and Schematics will be available after the contract is awarded and the Contractor prepares them.

Note: This project has not yet been solicited nor awarded to a Contractor. Before this project can be awarded to a Contractor, all NEPA must be complete including the Coastal Consistency Determination.

9. Natural, artificial, historic or cultural systems likely to be affected by the project

Place an X opposite any of the systems indicated below that are in the project area or its surroundings, which are likely to be affected by that activity. Indicate the distance from the project to any outside system that would likely be affected.

System	Within Project	Outside Project	Distance (meters)	Local name of affected system
beach, dunes				

marshes				
coral, reefs				
river, estuary	X			
bird sanctuary				
pond, lake, lagoon				
agricultural unit	X			
forest, wood				
cliff, breakwater				
cultural or tourist area				
other (explain)				

Describe the likely impact of the project on the identified system (s).

Positive ☐ Negative ☐

Explain: The proposed project is located adjacent to farmland. The proposed project to remove the UST and replace it with two ASTs is not likely to impact the farmland. Monthly inspections of the ASTs will be performed. A SPCC plan will be in place for the two ASTs when they become operational and will be provided to the Puerto Rico Department of Natural and Environmental Resources attention to the Water Quality Division. A copy of the SPCC plan will also be provided to OGH. The United States Navy Environmental Readiness Program Manual OPNAV 5090.1e requires SPCC plans.

The proposed project is located within the Floodway of Culebrinas River and is not likely to impact this river. Monthly inspections of the ASTs will be performed. A SPCC plan will be in place for the two ASTs when they become operational and will be provided to the Puerto Rico Department of Natural and Environmental Resources attention to the Water Quality Division. A copy of the SPCC plan will also be provided to OGH. The United States Navy Environmental Readiness Program Manual OPNAV 5090.1e requires SPCC plans.

10. Indicate permits, approvals and endorsements of the proposal by Federal and Puerto Rican government agencies. Evidence of such support should be attached to the proposal.

	Yes	No	Pending	Application Number
a. Planning Board	☐	☐	☐	
b. Regulation and Permits Administration	☐	☐	☐	
c. Environmental Quality Board	☐	☐	☐	
d. Department of Natural Resources	☒	☐	☐	AST Operating Permit, UST Closure Permit and a Dig Permit. Permits to be applied for by the contractor after proposed project is awarded. Contractor to verify with DNER if any other permits are necessary.
e. State Historic Preservation Office	☐	☐	☐	
f. U.S. Army Corps of Engineers	☐	☐	☐	
g. U.S. Coast Guard	☐	☐	☐	

h. Other (s) (specify) ☐ ☐ ☐ _____

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_____

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_____

CERTIFICATION

I CERTIFY THAT (project name) United States Navy Aguada Radio Transmitter Facility is consistent with the Puerto Rico Coastal Zone Management Program, and that to the best of my knowledge the above information is true.

Wendy Dauberman Zerby
Name (legible)

Wendy S. Dauberman
Signature

NEPA Manager
Position

August 21, 2023
Date