



NAVAL ACTIVITY PUERTO RICO

Restoration Advisory Board Meeting #57

February 13, 2025

Tonight's Agenda



-----Agenda -----

<p>Poster Session (Accomplishments, Upcoming Activities, and Status of NAPR Cleanup Program under RCRA)</p> <p><i>Sesión de afiches (Logros, Próximas Actividades y Estado del Programa de Limpieza de NAPR bajo RCRA)</i></p>	<p>Navy Team</p> <p>Equipo de la Marina</p>	<p>5:00 – 6:00PM</p>
<p>Welcome and Introductions</p> <p><i>Bienvenida y Presentaciones</i></p>	<p>Jamie Butler (Navy/Marina)</p>	<p>6:00 – 6:05PM</p>
<p>UXO 2/SWMU 1 - Update</p> <p><i>Actualización de UXO 2/SWMU 1</i></p>	<p>Jamie Butler (Navy/Marina)</p>	<p>6:05 – 6:25PM</p>
<p>Questions and Comments from the Public</p> <p><i>Preguntas y Comentarios del Público</i></p>	<p>Members of the Public/ Miembros del Público</p>	<p>6:25 – 6:55PM</p>
<p>Adjournment</p> <p><i>Clausura de la Reunión</i></p>	<p>Jamie Butler (Navy/Marina)</p>	<p>6:55 – 7:00PM</p>



Unexploded Ordnance (UXO) 2/Solid Waste Management Unit 1

Former Army Cremator Disposal Site Presumptive Remedy

Jamie Butler
Navy

February 13, 2025

Presentation Outline

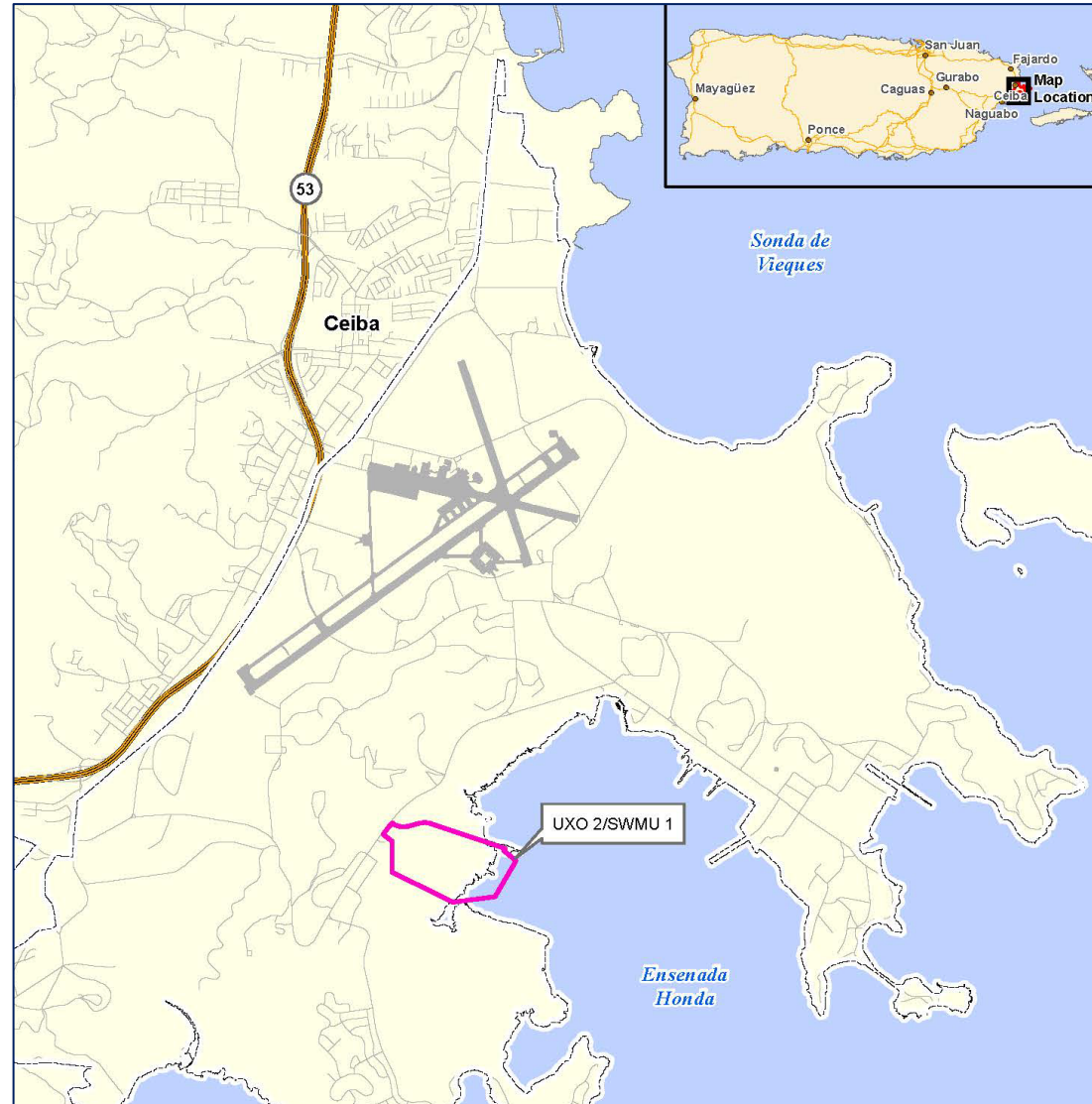


- Background
- Risk summary
- Corrective action objectives
- Presumptive Remedy
- Path forward

Site Background

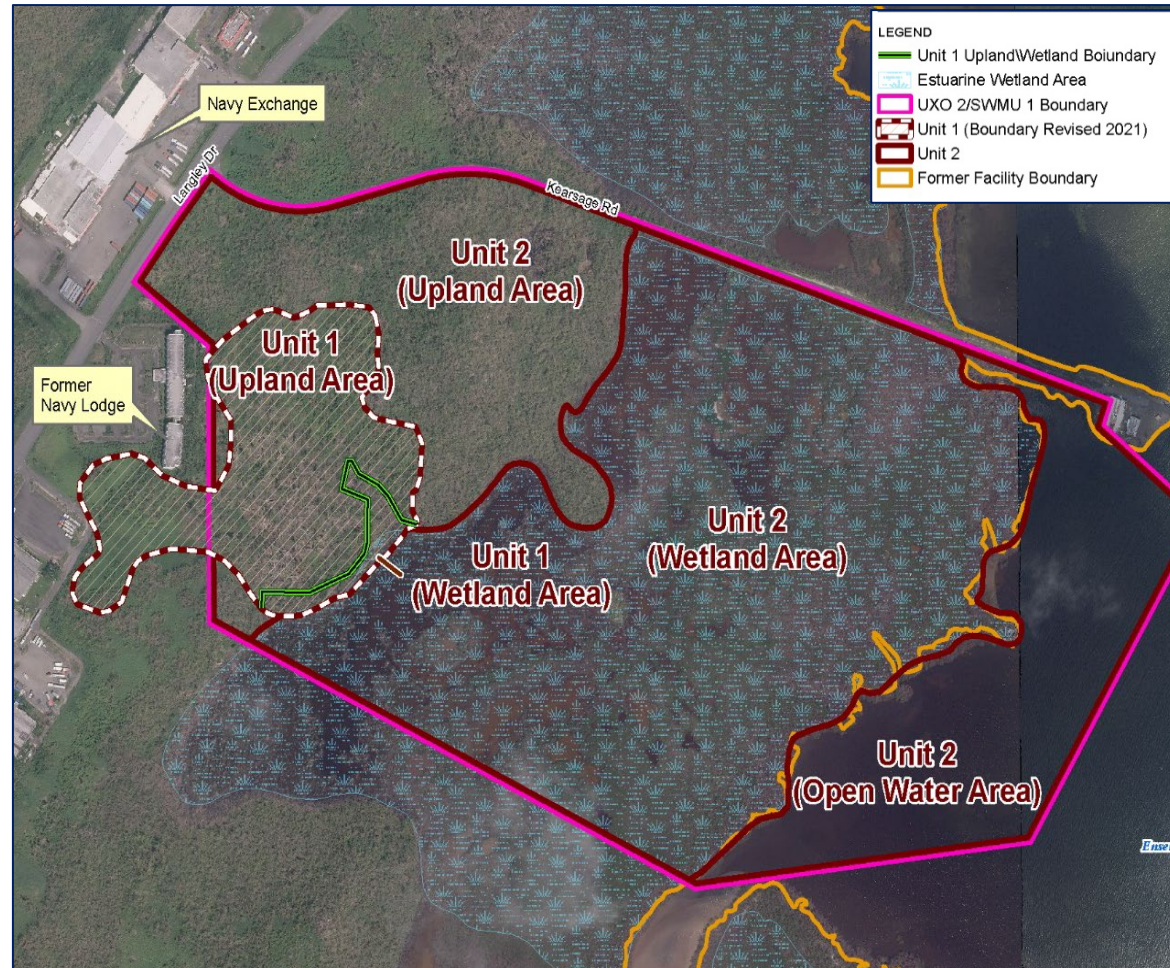


- Main base landfill from the 1940s to the 1960s
- 124 acres of upland, wetland, and open water areas
- Waste disposal reportedly by piling and burning, and then compacting
- Estimated 100,000 tons of scrap metal, inert ordnance, batteries, tires, appliances, cars, cables, dry cleaning solvent cans, paint cans, gas cylinders, construction debris, dead animals, and residential wastes were disposed onsite



Site Background (cont.)

- Divided into two units:
 - **Unit 1:** Main waste disposal area ~15.6 acres and extends 3.3 acres outside SWMU 1 boundary
 - **Unit 2:** The ~112 acres within the SWMU 1 boundary and outside of the main waste disposal area



MPPEH – material potentially presenting an explosive hazard
 MEC – munitions and explosives of concern

Risk Summary



- Human Health Risk Assessment
 - Unit 1 Soil: Potential unacceptable risks identified for potential recreational users, land crab consumers, construction workers, and hypothetical residents
 - Unit 2 Soil: No unacceptable risks identified
 - Sitewide groundwater: Residents and/or industrial workers exposed to manganese (although naturally-occurring)

Risk Summary (cont.)

- Ecological Risk Assessment
 - Unit 1: Potential unacceptable ecological risks identified due to pesticides and metals in surface soil and wetland sediment
 - Unit 2: No unacceptable risks identified

- Explosive Hazard Evaluation
 - MEC/MPPEH potentially present within debris on ground surface and in the subsurface presenting a potential explosive hazard to site visitors

Corrective Action Objectives

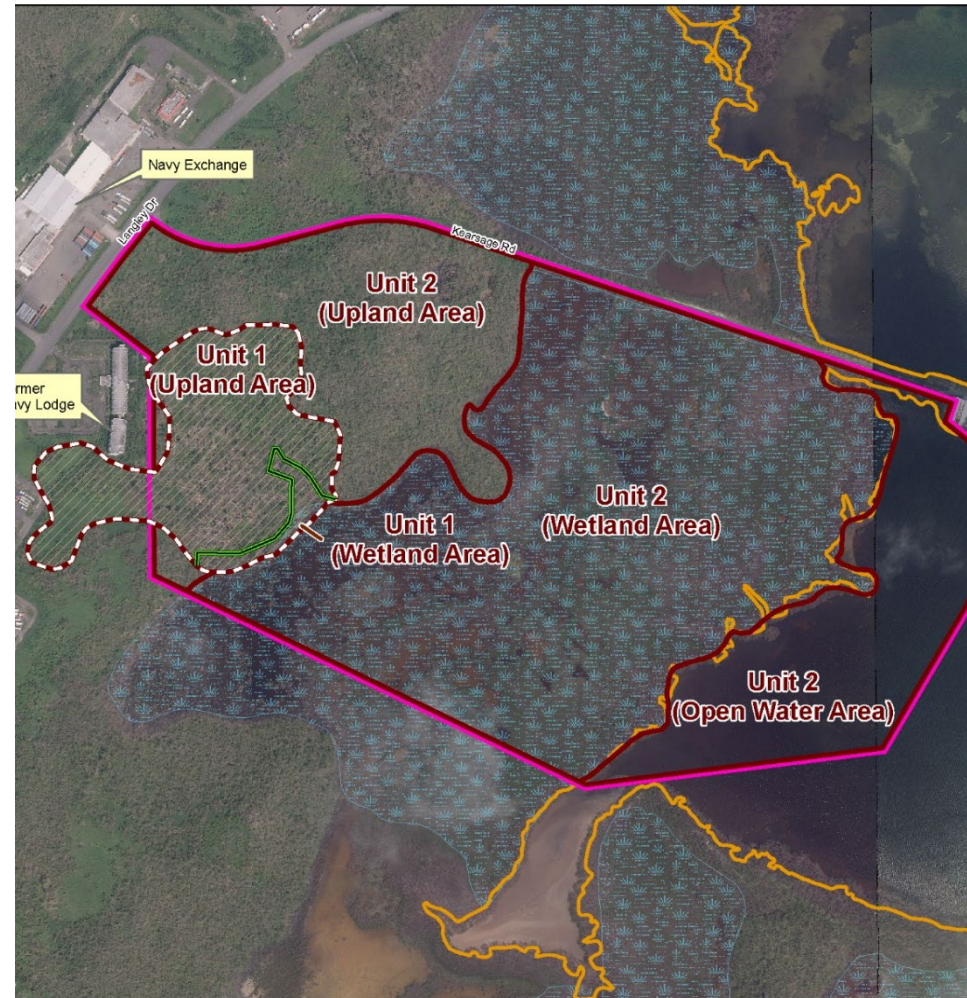


Unit 1

- Reduce potential unacceptable risks to human and ecological receptors from exposure to impacted soil and/or sediment and associated debris to levels considered to be appropriate for foreseeable future use(s)
- Minimize potential risk to human receptors posed by explosive hazards from MEC/MPPEH potentially remaining onsite

Unit 2

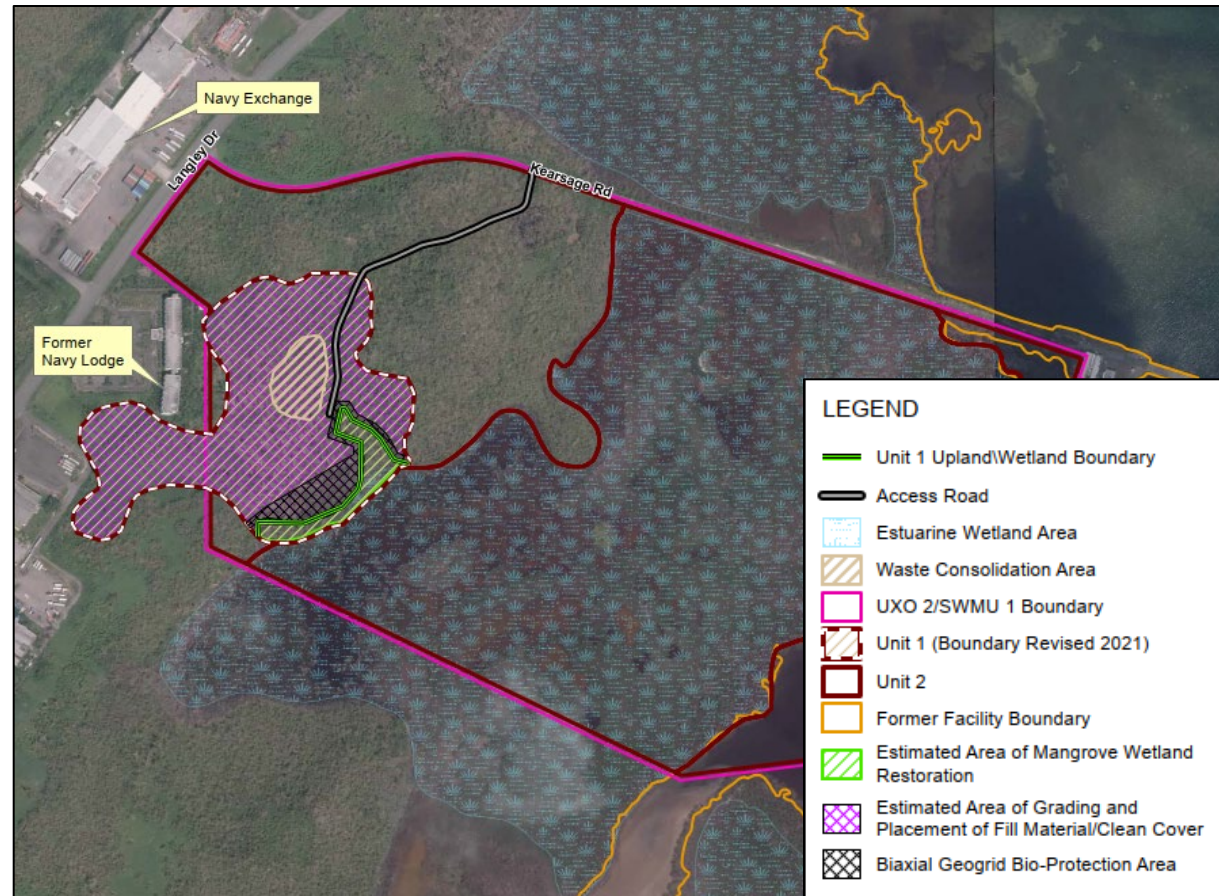
- No further action recommended



Presumptive Remedy

• Soil Cover and Land Use Controls (LUCs)

- Surface debris removal and consolidation/grading for drainage
- Clean fill soil cover to minimize physical contact with the underlying materials
- Seed soil cover to prevent cover erosion
- Mangrove restoration
- LUCs to prohibit unrestricted use and disturbance of soil cover



Path Forward

- Corrective Measures Study (CMS) outlining the presumptive remedy was approved by EPA and DNER in December 2024
- The CMS will be available during the public review and comment period for the Statement of Basis
- Design and construction planning in progress



Questions/Comments from the Public

Thanks for your participation!



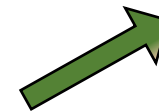
Next RAB meeting date is August 2025



CONTACT US

If you are interested in:

- Becoming a Restoration Advisory Board member, or
- Receiving more information about the cleanup, join our mailing list



Talk with a Navy representatives at tonight's meeting or contact them by email.

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Navy's Administrative Record



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TRANSMITTAL LETTER FOR FINAL 2022 ANNUAL LAND USE CONTROL (LUC) STATUS REPORT FOR SOLID WASTE MANAGEMENT UNIT 79 (SWMU 79) CABRAS ISLAND NAVAL ACTIVITY PUERTO RICO Sites(s): SWMU 00079	NAVFAC BRAC PMO SE 7/17/2023 CORRESPONDENCE Record#: 003368 View Document
TRANSMITTAL LETTER FOR FINAL TARGET SELECTION AND GEOPHYSICAL INVESTIGATION REPORT FOR ADDITIONAL DATA COLLECTION FOR CORRECTIVE MEASURES STUDY AT SITE UNEXPLODED ORDNANCE 1 (UXO 1) SOLID WASTE MANAGEMENT UNIT 77 (SWMU 77) SMALL ARMS RANGE NAVAL ACTIVITY PUERTO RICO Sites(s): UXO 000001	CH2M HILL, INC. 6/29/2023 CORRESPONDENCE Record#: 003370 View Document
TECHNICAL MEMORANDUM REGARDING RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) PROGRESS	CH2M HILL, INC.

The NAPR Administrative Record contains all the public documents related to the cleanup and restoration activities.



Get informed and share!

NAPR Administrative Record Documents
Available at:

<https://www.bracpmo.navy.mil/>

(Click on Puerto Rico in the map & follow links to Roosevelt Roads)