Naval Facilities Engineering Systems Command

NAVFAC Washington EV Multi-Media IDIQ Contract

NMUSN Industry Day

04 JUN 2025

Unclassifed

NAVFAC Washington Environmental (EV)

- **EV1 (Environmental Compliance): Provides regulatory compliance support for USN installations in NDW.**
- **EV2 (Environmental Planning and Conservation): Provides support to MILCON for NEPA, EA/EIS, NCPC, Natural/Cultural Resources.**
- **EV3 (Environmental Restoration): Provides CERCLA, RCRA program support, supports munitions response program, oversees support for BRAC installations.**
- **EV4 (Environmental Resources and Assessment): Runs recruitment, financial actions, regional environmental management system (EMS), environmental audits.**

Contract Capabilities (N40080-21-D-0010)

- **Primary Scope**
  - Air Quality & Clean Air Act Compliance
  - Fuel Storage Tank and Spill Compliance
  - Waste and Materials Compliance
- **Secondary Scope**
  - Stormwater Compliance
  - Drinking Water Compliance
  - Waste Water Compliance
  - Environmental Management System (EMS)
  - Other Environmental Liabilities (OEL)
  - Environmental Planning
  - Natural Resources, Cultural Resources
  - Installation Restoration

Waste And Materials Subcategories

- EPCRA Reporting
- Hazardous Waste Management Plans
- Waste Stream Sampling & Analysis
- Asbestos Management Plans
- Asbestos Surveys and Testing
- Lead Paint Surveys and Testing
- Lead Paint Management Plans
- Asbestos/Lead Paint Abatement
- Radon surveys/testing/mitigation
- AFFF removal/replacement/cleaning/testing

Pending NHHC Projects

- Remediate HAZMAT for ex-USS Reno twin 5” gun turret and 40mm Bofors quad gun mount in WNY 76
  - HAZMAT includes hydraulic fluid (PCBs), lead paint, asbestos
  - Required to move out artifacts out of WNY 76
- Remediate WNY Swift Boat (PCF-1) of HAZMAT
  - Residual fuel in fuel tanks
  - Lubricant in engines
  - Refrigerant in galley refrigerator
  - Lead paint
  - Required before relocation of Swift Boat elsewhere at WNY

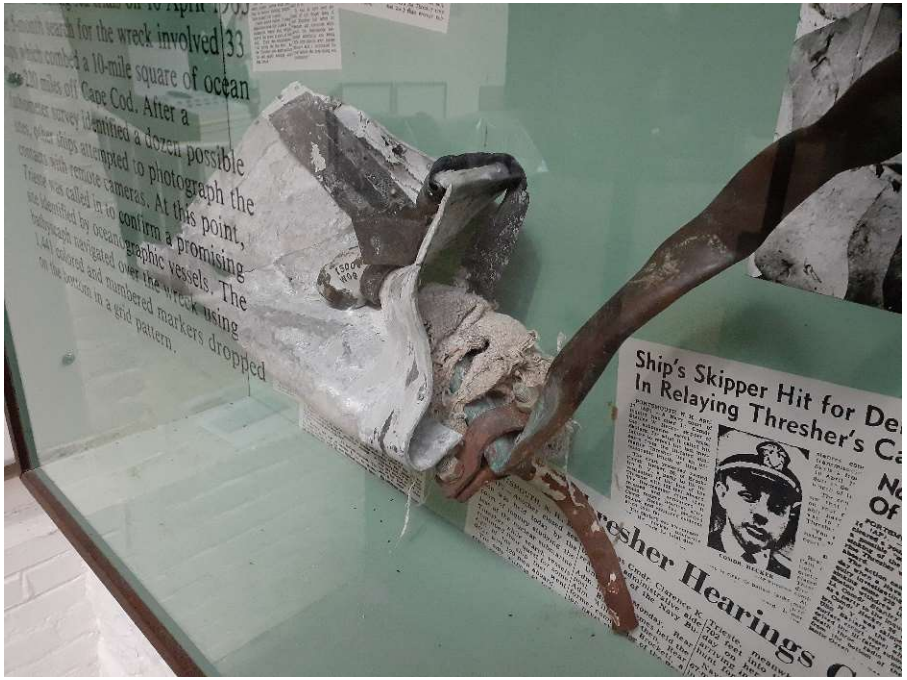
USS Thresher Artifact Asbestos Abatement & Conservation

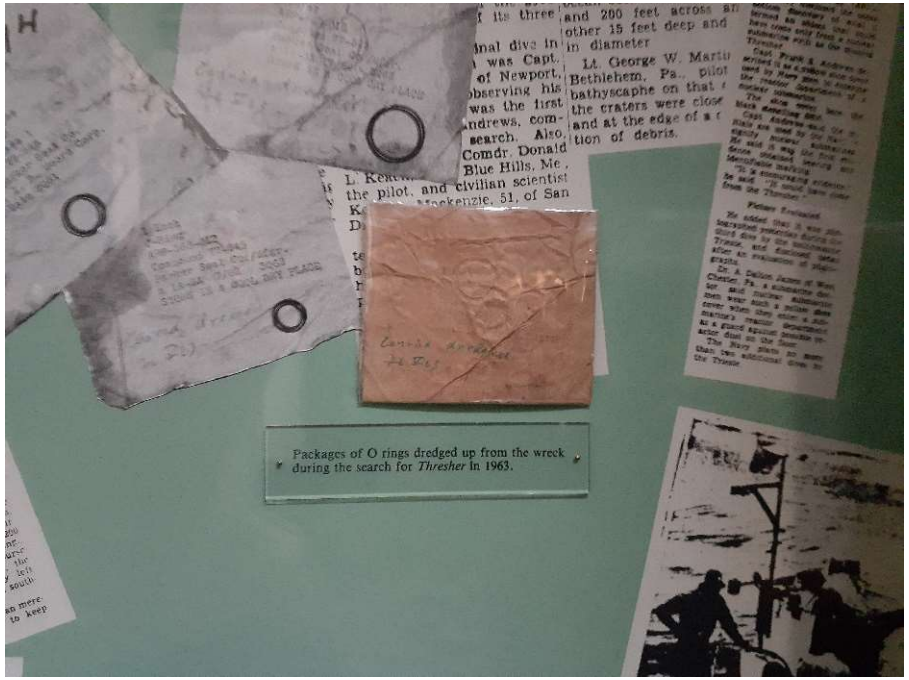
2023-2024

Scope Objectives

- Reduce friable asbestos hazard.
- Separate asbestos component from metal component.
- Retain artifact's shape, color, components to the best extent possible.
- Document artifact condition.
- Remove friable asbestos from recovered rubber O-rings and the envelope containing them.
- Prepare all artifacts for long term storage. Consider potential for putting artifacts on display at some future date.
- Abate and dispose of the existing display case.

Artifacts in their NMUSN display case





Contractor Planning

- Prime contractor prepared work, safety, and accident prevention plans for NAVFAC/NHHC review and approval.
  - NHHC review ensures NHHC is aware of what contractor intentions are. Work plan describes what contractor plans are. No surprises.
- Prime contractor coordinates w/ base staff and NHHC to gain access credentials.
  - WNY is not an open base. Documentation required to get through security.
  - Vehicles and equipment also require documentation to enter WNY.
- Prime contractor prepares sampling plan.
  - Sampling results required to confirm clearance of asbestos hazards.

Contractor Mobilization

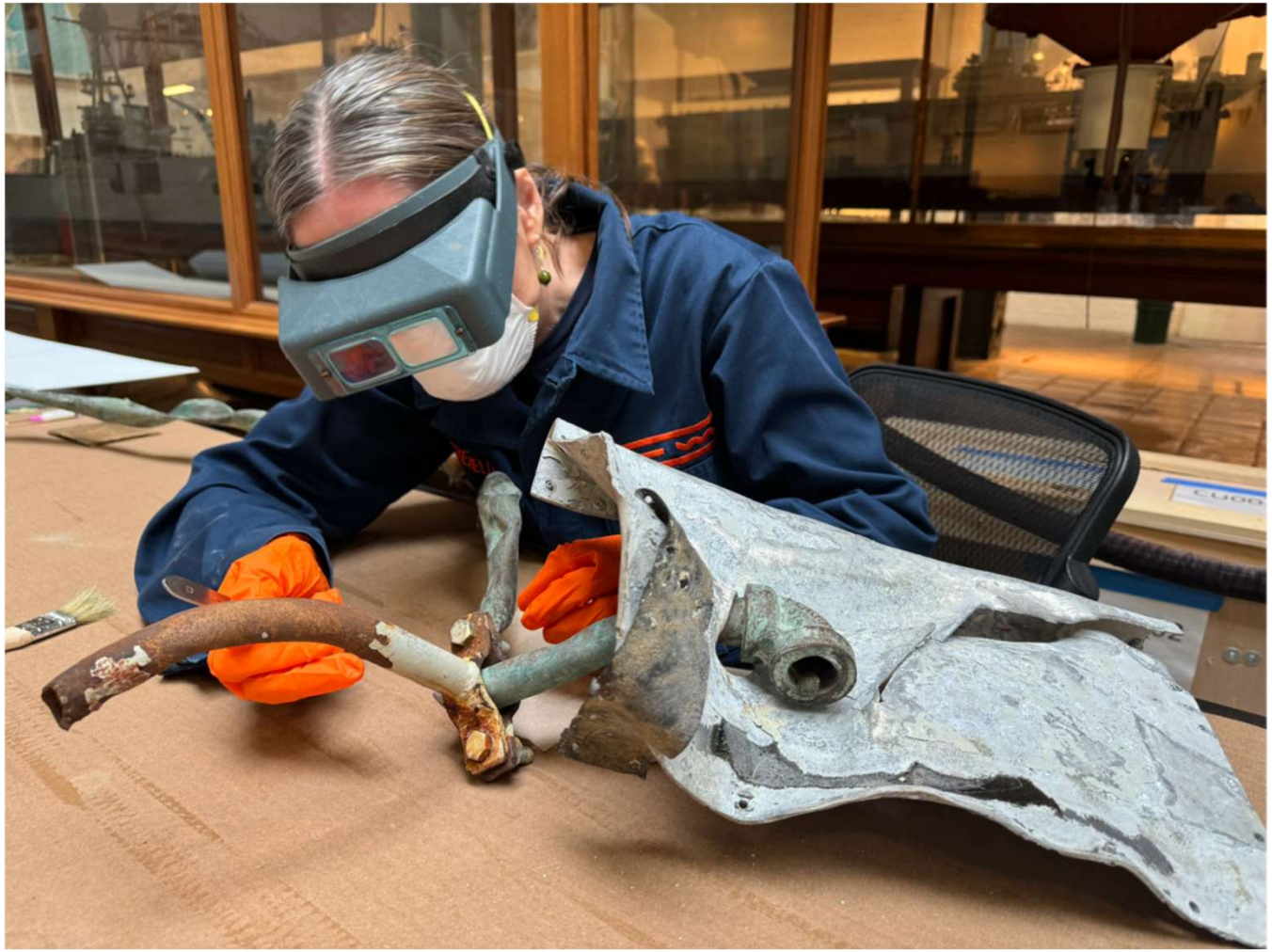
- Contractor team mobilized to WNY 76 and constructed enclosed area for abatement work.
- Asbestos subcontractor separated asbestos material from metal before encapsulating the asbestos.
- Conservation subcontractor executed conservation measures to reattached flaking paint, remediate copper pipe corrosion.
- Conservation subcontractor built custom cases for the metal and asbestos portions of the artifact.
- Prime contractor prepared waste manifest prior to shipping asbestos impacted wastes for disposal.

Separating Asbestos From Metal

Encapsulating the Asbestos from the Artifact

Brush Vacuuming the Artifact

Cleaning the Artifact

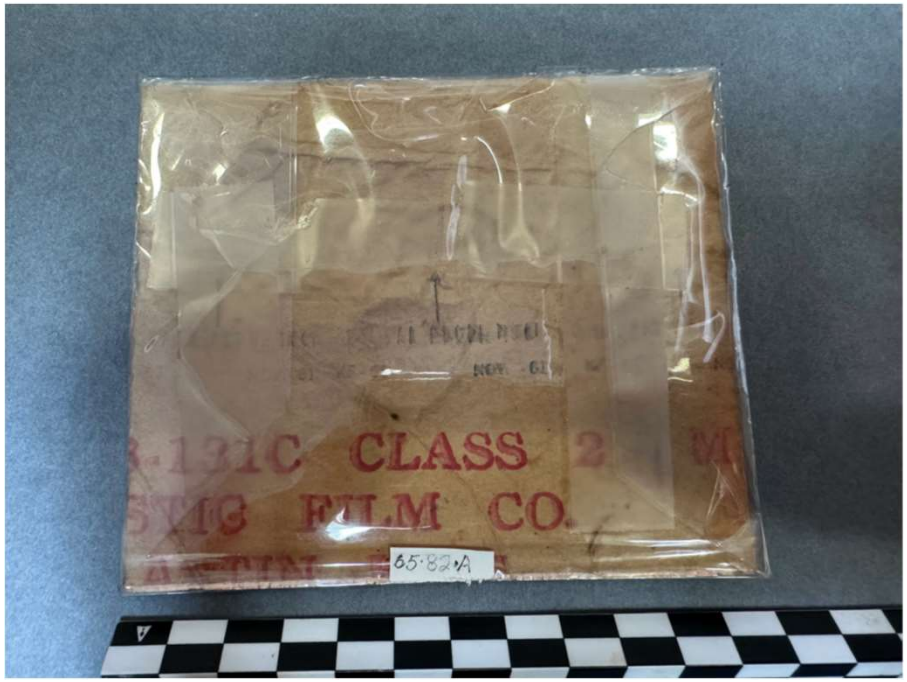


Previously Undocumented Inscriptions on Copper Pipe

O-Ring Envelope

With Foam Tape Attached

After Foam Tape Removal



Rehoused Artifacts Ready for Long Term Storage

Lessons Learned

- This project required deliberate planning from all parties in order to achieve success.
- Work and other plans submitted by the contractor are critical to ensure all parties understand what will get done, who will do it, when they will do it, where it will happen, and how it will get done.
- NHHC/NMUSN review and approval of contractor submittals is crucial to success.
- NHHC/NMUSN and contractor team had to communicate constantly in order to prevent confusion about what's going on.