

MISSION CLEANUP – CLEAN, PROTECT, & RESTORE

Naval Weapons Station Yorktown Yorktown, Virginia

August 2020

Mission Cleanup is an ongoing federal-state partnership that capitalizes on sound science to *Clean, Protect, & Restore* federal lands nationwide.

Environmental investigation and restoration activities at Naval Weapons Station (NWS) Yorktown in Yorktown, Virginia have historically been completed through the Comprehensive Environmental Response Compensation and Liability Act of 1980 (CERCLA) process. In this process, scientists identify risks to human and ecological receptors, develop solutions to address those risks, and then implement those solutions (Figure 1). Mission Cleanup's success relies on ongoing public awareness and engagement in cleanup milestones.

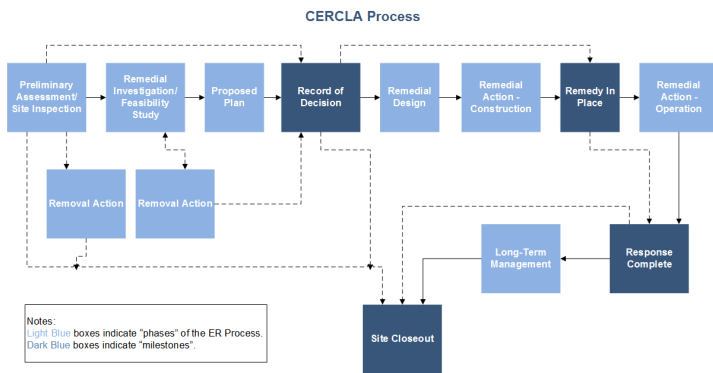


Figure 1. The CERCLA process

Site Description

NWS Yorktown is an 8,881-acre federal facility located in York and James City Counties, and the City of Newport News Virginia (Figure 2, inset). NWS Yorktown is bound on the northwest by Cheatham Annex; on the northeast by the York River and the Colonial National Historic Parkway; on the southwest by Route 143 and Interstate 64; and on the southeast by Route 238 and the town of Lackey.

Originally named the Naval Mine Depot, NWS Yorktown was established in 1918 to produce naval mines for the North Sea barrage during World War I. For 20 years after World War I, the depot continued to receive, reclaim, store, and issue mines, depth charges, and other weapons. During World War II, the facility was expanded to include three TNT loading plants and new torpedo overhaul facilities. A research and development laboratory for experimentation with high explosives was established in 1944. In 1947, a quality evaluation laboratory was developed to monitor special tasks assigned to the facility which included the design and development of depth charges and advanced underwater weapons. On August 7, 1959, the depot was renamed NWS Yorktown. Today, the primary mission of NWS Yorktown is to provide ordnance, technical support, and related services to sustain the war-fighting capability of the armed forces in support of national military strategy.

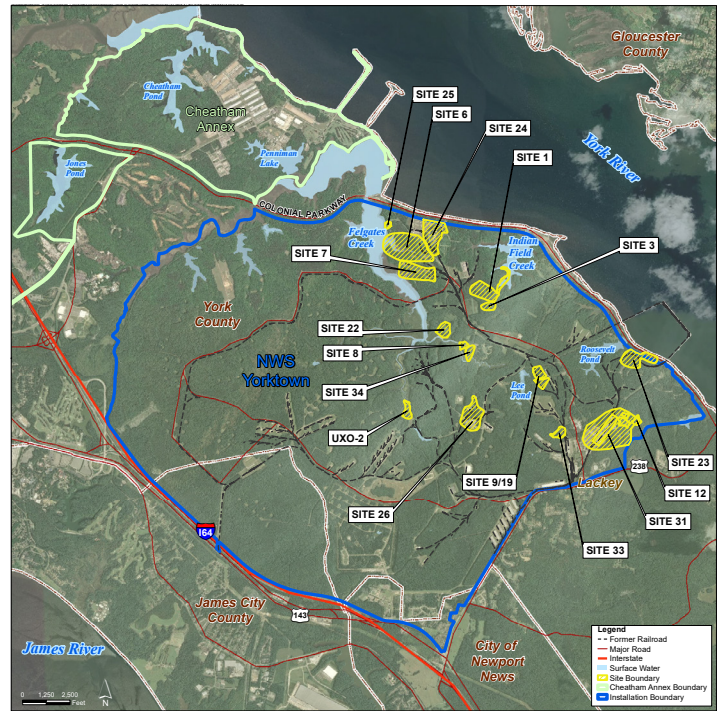


Figure 2. NWS Yorktown Site Map

Current Site Status

In October 1992, NWS Yorktown was placed on the National Priorities List, which required all subsequent activities for Navy environmental restoration sites be conducted under CERCLA procedures. Currently, twelve sites at NWS Yorktown have been closed out with a No Further Action Final Record of Decision or Decision Document.

There are 17 active sites, including 12 under investigation, 2 at the decision stage (Sites 1 and 3), 1 in the remedial design phase (Site 22), 1 undergoing cleanup (Site 24), and 1 with the remedy in place that is being monitored (Site 12).

Remedial Investigation Phase:

- Site 6 – Explosives Contaminated Wastewater Impoundment, Flume Area and Excavation Area (Plant 1) and Building 110 and Environs (Plant 2)
- Site 7 – Plane 3 Explosives-Contaminated Wastewater Discharge Area
- Site 8 – NEDED Explosives-Contaminated Wastewater Discharge Area
- Site 9 – Plant 1 Explosives-Contaminated Wastewater Discharge Area
- Site 19 – Conveyor Belt Soils at Building 10
- Site 23 – Building 428 Teague Road Disposal Area
- Site 25 – Building 373 Rocket Plant
- Site 26 – Building 1816 Mark 48 Waste Otto Fuel Tank
- Site 31 – Barracks Road Landfill Industrial Area
- Site 33 – Sand Blasting Grit Area
- Site 34 – Building 537 Discharge to Felgates Creek
- UXO-2 – Turkey Road Landfill

Proposed Plan:

- Site 1 – Dudley Road Landfill
- Site 3 – Group 16 Magazine Landfill

Remedial Design:

- Site 22 – Burn Pad

Removal Action Ongoing:

- Site 24 – Aviation Field

Remedial Action (Long-Term Monitoring):

- Site 12 – Barracks Road Landfill

Restoration Advisory Board

The Restoration Advisory Board (RAB) is an important part of the community relations program for NWS Yorktown. Under Mission Cleanup, NWS Yorktown invites the community to participate in the RAB to ensure continued protection of public health and restoration of land and water. Mission Cleanup and the RAB relies on ongoing public awareness and engagement in the Environmental Restoration Program (ERP) cleanup process, as public participation is critical to our ability to *Clean, Protect, & Restore*. RAB meetings are typically held once a year.

Meeting dates and times can be found in the Community Outreach tab of the NWS Yorktown Public Website: <http://go.usa.gov/xfP6h>.

For More Information, Contact:**Navy**

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Information Repository

Information for NWS Yorktown is available to the community at the following location:
York County Public Library – Yorktown
8500 George Washington Memorial Highway
Yorktown, Virginia 23692
(757) 890-3377

Review the Administrative Record at the NWS Yorktown public website: <http://go.usa.gov/xfP6h>