

MISSION CLEANUP – CLEAN, PROTECT, & RESTORE

Naval Weapons Station Yorktown Cheatham Annex

February 2019

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 Yorktown, Cheatham Annex (CAX) in Williamsburg, Virginia are 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.

of the Navy Supply Depot to provide bulk storage facilities. Today, the mission of CAX includes supplying Atlantic Fleet ships and providing recreational opportunities to military and civilian personnel.

Current Site Status



In January 2001, CAX was placed on the National Priorities List of sites designated for environmental investigation and cleanup. The listing required all activities for Navy environmental restoration sites to continue to be conducted under CERCLA procedures.

Five sites at CAX have a Final Record of Decision (ROD) or Decision Document describing and documenting the selected remedial alternative. The final decisions are based on thorough environmental investigation and analysis of potential risk to human health and the environment. Those sites with final decisions are:

- Site 1 (OU 1) – No Further Action (soil, debris, groundwater, sediment, and surface water)
- Site 11 (OU 5) – No Further Action (soil, groundwater, sediment, and surface water)
- Site 7 (OU 3) – No Further Action (soil, debris, sediment, surface water)
- AOC 2 (OU 10) – No Further Action (soil and groundwater)
- AOC 7 (OU 12) – No Further Action (soil and groundwater)

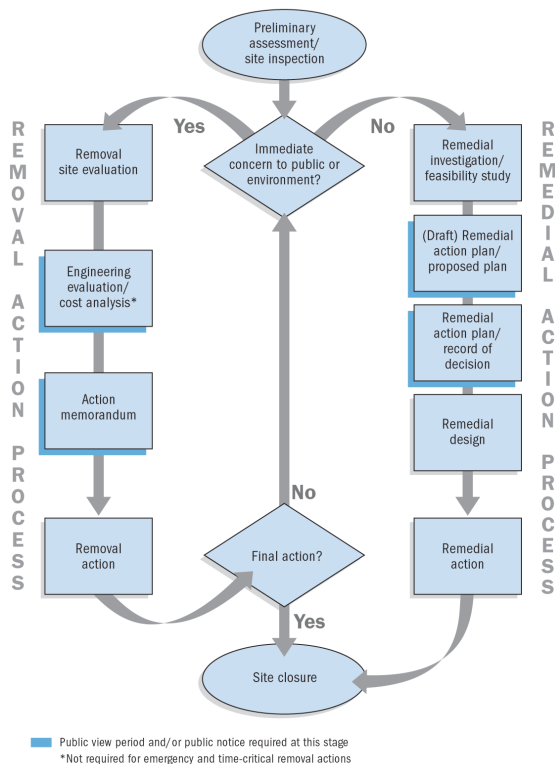


Figure 1. The CERCLA process

Site Description

CAX is a 2,634-acre federal facility located on the York-James Peninsula (Figure 2). The facility is adjacent to the York River approximately 15 miles upstream of the Chesapeake Bay. The Penniman Shell Loading Plant, a large powder and shell-loading facility, was operated by the E.I. DuPont de Nemours & Company between 1916 and 1918, during World War I, on part of the CAX property. The plant was demolished between 1918 and 1925, and the property reverted to farmland until the Navy established CAX in June 1943 as a satellite unit

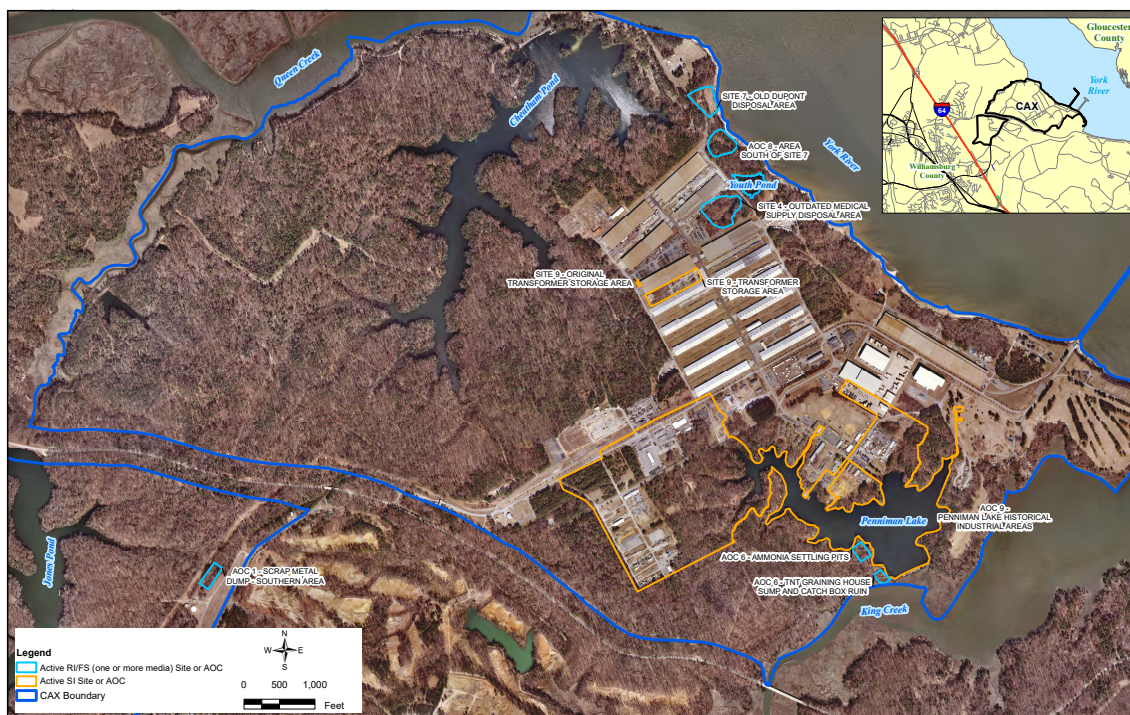


Figure 2. CAX Site Map

Seven sites are currently being investigated under CERCLA at CAX (Figure 2).

- Site 4 (soil, groundwater, sediment, surface water, and biota tissue)
- Site 7 (groundwater)
- Site 9 (soil, groundwater, sediment, and surface water)
- AOC 1 (soil, groundwater, sediment, and surface water)
- AOC 6 (soil, sediment, and surface water at the ASP and TNT subareas)
- AOC 8 (soil and groundwater)
- AOC 9 (soil, groundwater, sediment, surface water, and biota tissue)

More information about the status of investigation at these sites can be found on the Site Descriptions tab of the CAX public website at <http://go.usa.gov/DynP>.

Restoration Advisory Board

The Restoration Advisory Board (RAB) is an important part of the community relations program for CAX. The RAB consist of community volunteers who meet regularly with Navy and state and federal environmental regulators to discuss the ongoing status of environmental investigations and to participate in the decision-making process for final remedial decisions. Under Mission Cleanup, the community can participate in the RAB to ensure continued protection of public health and restoration of land and water. Mission Cleanup and the RAB rely on ongoing public awareness

and engagement in the environmental cleanup process, as public participation is critical to our ability to Clean, Protect, & Restore. RAB meetings are held two times a year and are open to the public. Meeting dates and times can be found on the Community Involvement tab of the CAX public website (<http://go.usa.gov/DynP>).

For More Information, Contact:

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Information Repository

More information, including the Administrative Record containing all documents leading to final decisions, can be found on the CAX public website: <http://go.usa.gov/DynP>

Information about environmental restoration at Cheatham Annex also is available at:
York County Public Library – Yorktown
8500 George Washington Memorial Highway
Yorktown, VA 23692
(757) 890-3377