



Naval Weapons Station Yorktown Cheatham Annex

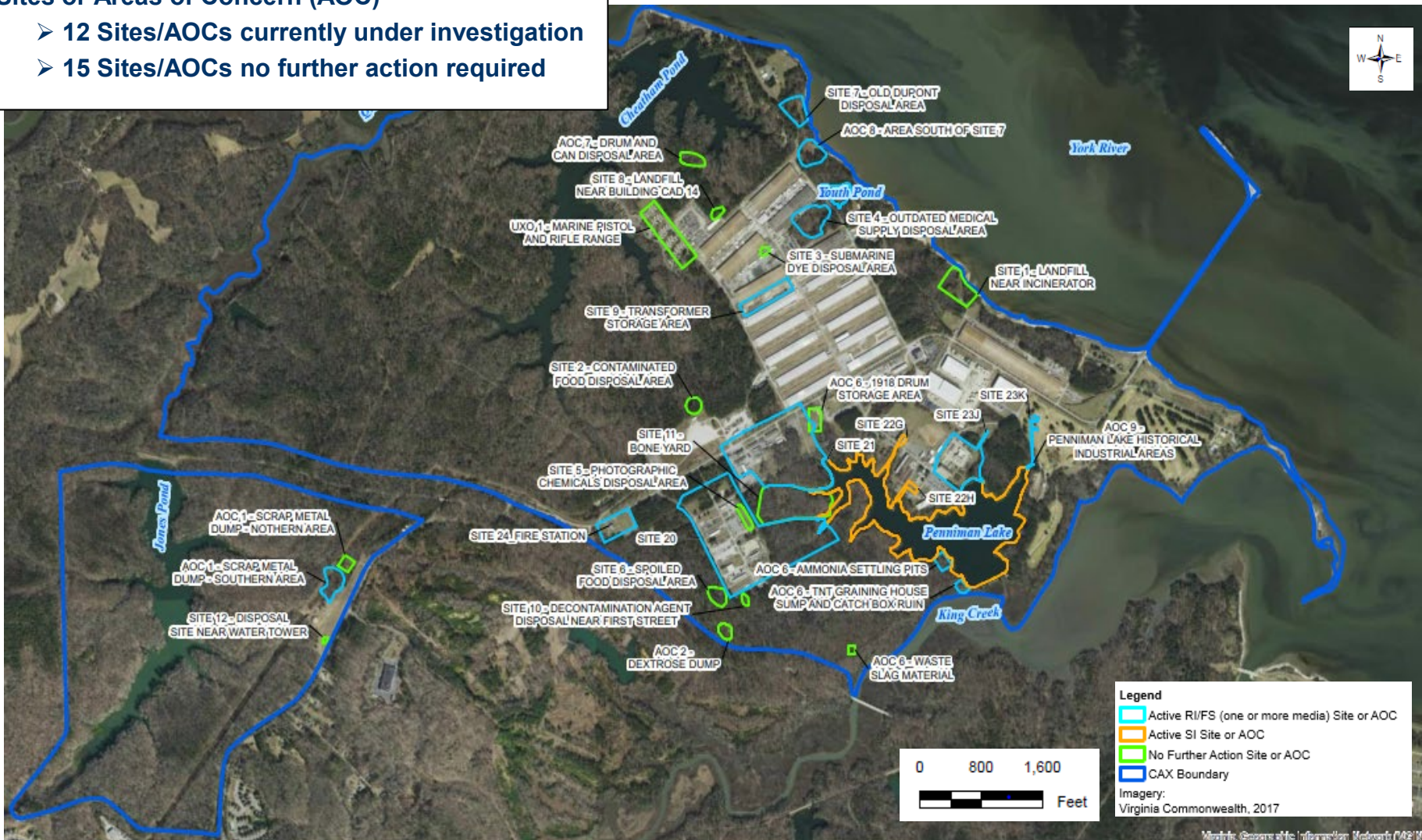
Environmental Restoration Program Overview and Update

**Restoration Advisory Board Meeting
January 15, 2026**

Cheatham Annex (CAX) Environmental Restoration Program (ERP) Overview

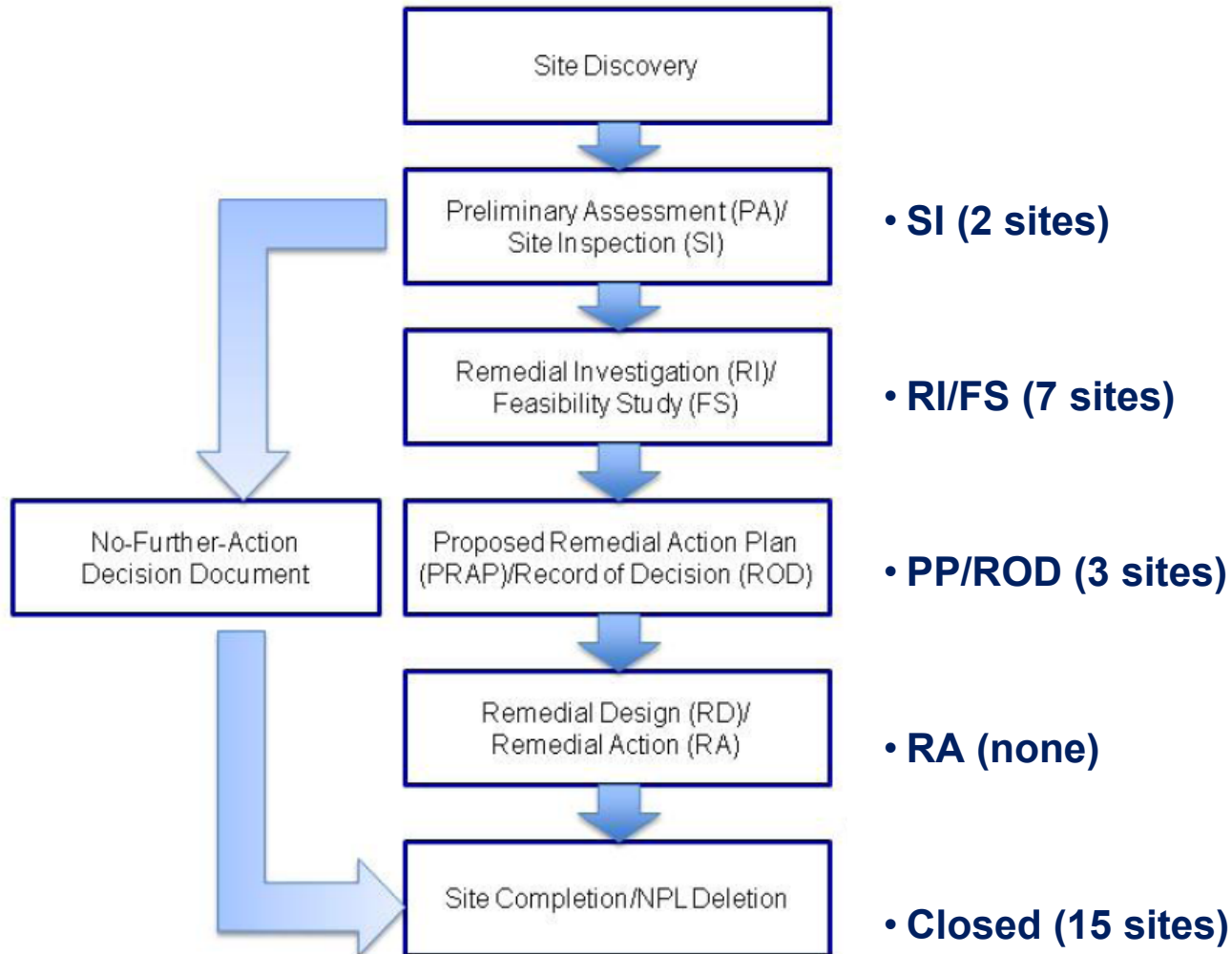
27 Sites or Areas of Concern (AOC)

- 12 Sites/AOCs currently under investigation
- 15 Sites/AOCs no further action required



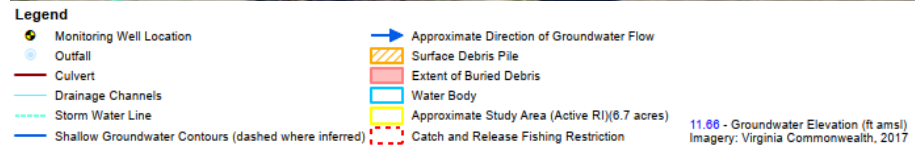
Virginia, Geographic Information Resources (2017)

27 ERP Sites



CAX ERP – Site 4

Outdated Medical Supply Disposal Area



Work Completed since last RAB:

- Finalized the Feasibility Study (FS)

Work In Progress:

- Preparation of the Proposed Plan (PP)

CAX ERP – Site 7

Old DuPont Disposal Area



Legend

- Site Boundary
- Cheatham Annex Boundary
- Buildings
- Former Buildings
- Monitoring Well Location
- Surface Water Elevation
- Roads
- Potentiometric Surface Contour (dashed where inferred)
- Approximate Direction of Groundwater Flow
- Excavation Direction Site 7

Notes:
 Water levels taken on November 2, 2020 between 9:30 am and 11:30 am, during high tide.
 NR - Not Recorded
 2.53 - Groundwater Elevation (ft amsl)
 Imagery: Virginia Commonwealth, 2017

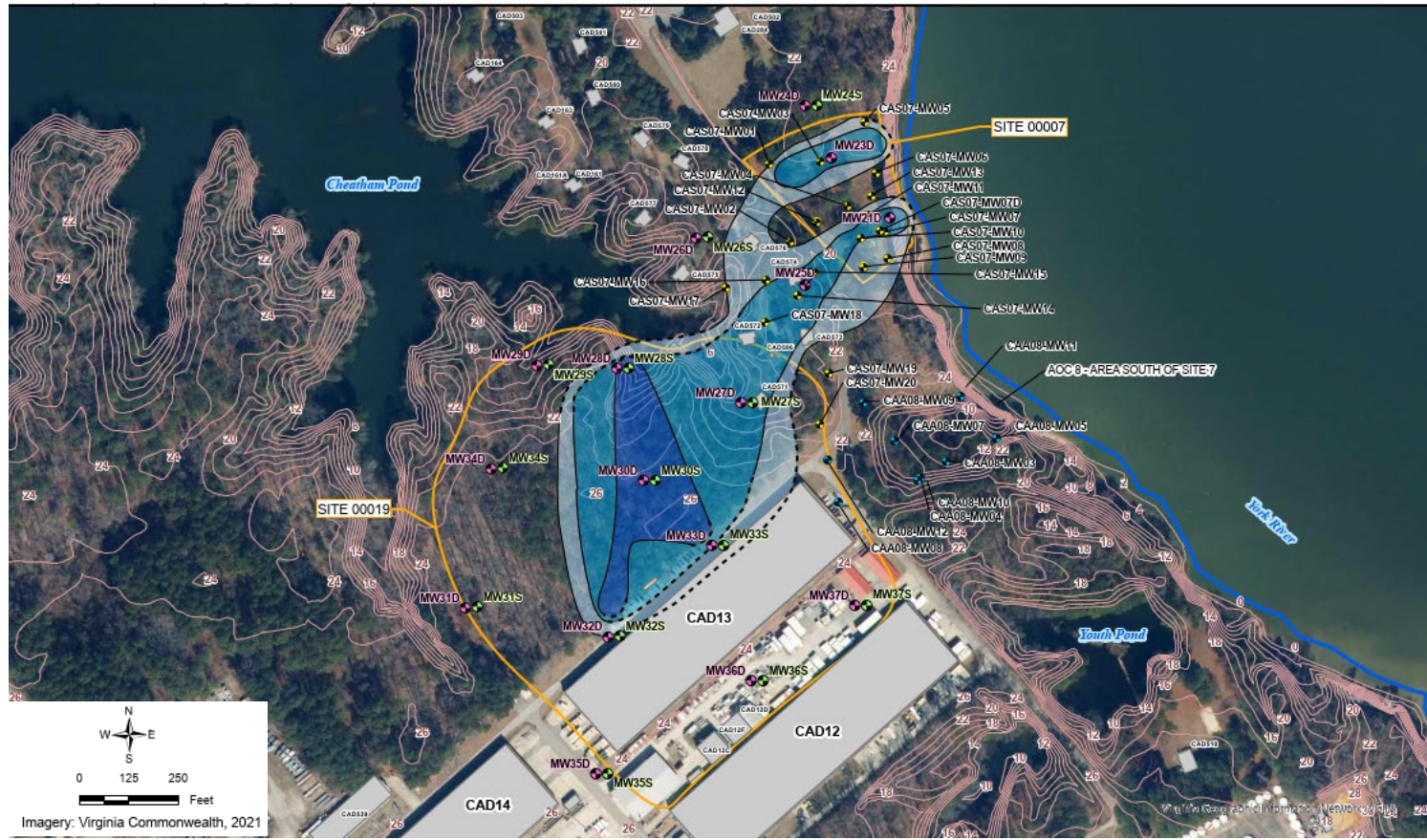
Work Completed since last RAB:

- Ongoing collaboration with the State Historic Preservation Office to manage land-disturbing activities in culturally significant areas.

Work In Progress:

- Continue Remedial Investigation (RI) for groundwater under new Site 19

CAX ERP – Site 7 and 19 Old DuPont Disposal Area



CAX ERP – Site 9

Transformer Storage Area



Work Completed since last RAB:

- Prepared Draft Sampling and Analysis Plan (SAP) for regulatory review
- Finalized After-Action Report

Work In Progress:

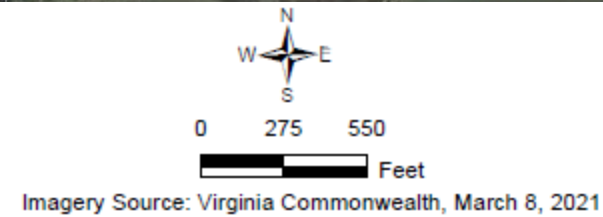
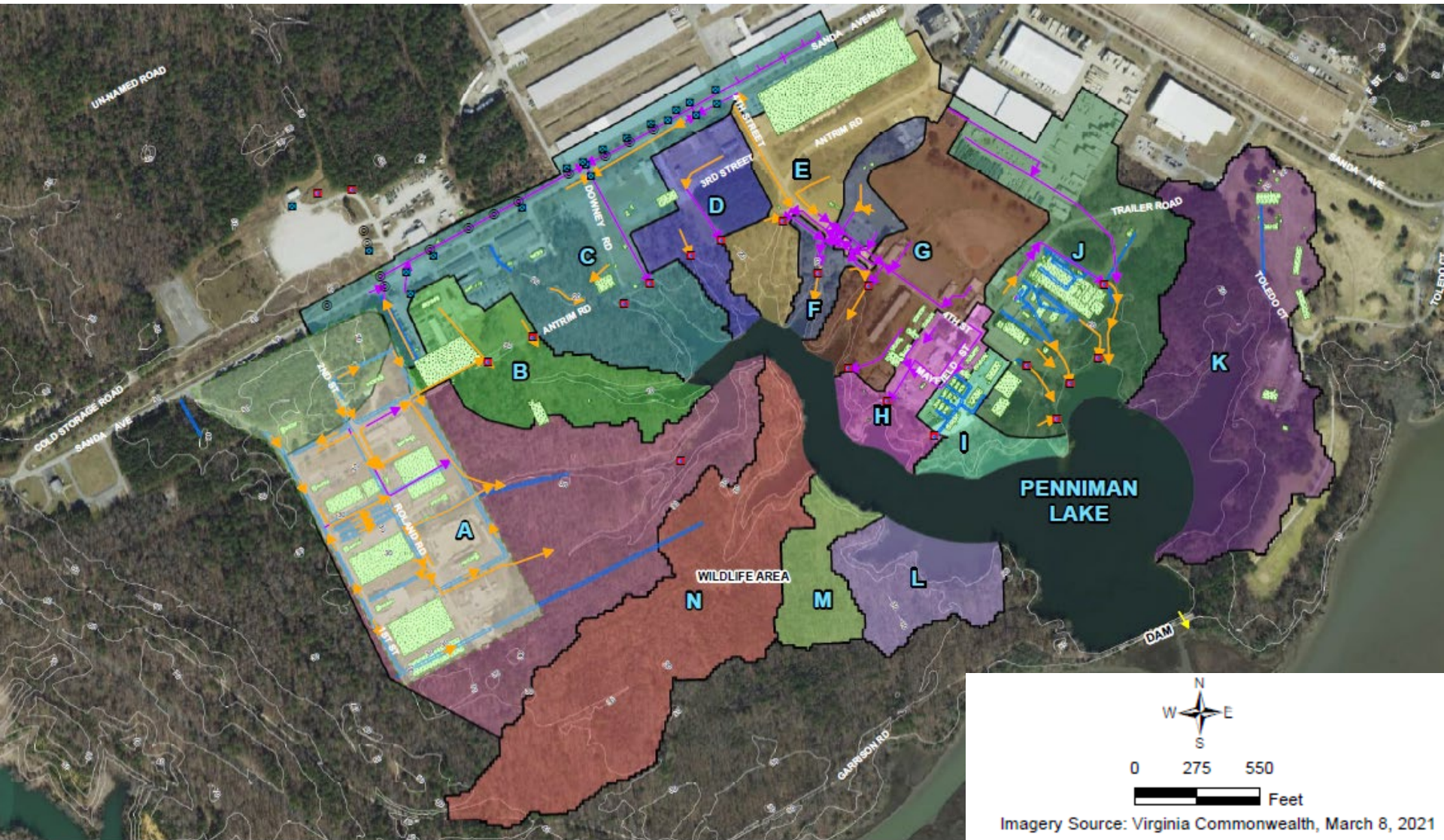
- Complete the RI SAP
- Preparation for RI field work
- Finalize Construction Completion Report (CCR)



Legend

- Monitoring Well
 - Piezometer
 - Drop Inlet
 - Outfall
 - Storm Water Line
 - Original Site 9 Study Area Boundary (0.1 acres)
 - Site 9 Study Area Boundary (Active SI site)(3.5 acres)
- Imagery: Virginia Commonwealth, 2017

CAX ERP - Penniman Lake Watersheds



CAX ERP – Site 20

Penniman Lake Watershed A



Work Completed since last RAB:


- Initiation of RI SAP planned for 2028

Work In Progress:

- N/A



Legend

 Active RI/FS (one or more media) Site or AOC



Site 20

CAX ERP – Site 21

Penniman Lake Watersheds B and C



Work Completed since last RAB:


- Initiation of RI SAP planned for 2026

Work In Progress:

- N/A



Legend

 Active RI/FS (one or more media) Site or AOC



Site 21

CAX ERP – Site 22

Penniman Lake Watersheds G and H



Work Completed since last RAB:


- Initiated preparation of the Site Inspection (SI) SAP

Work In Progress:

- Preparation of the SI SAP Scoping Session
- Preparation of Preliminary Draft SI SAP



Legend

 Active SI Site or AOC



CAX ERP – Site 23

Penniman Lake Watersheds J and K



Work Completed since last RAB:


- Conducted RI SAP scoping session with regulators
- Submitted Preliminary Draft RI SAP for Navy review

Work In Progress:

- Complete the RI SAP
- Preparation for RI field work



Legend

 Active RI/FS (one or more media) Site or AOC

CAX ERP – Site 24

Fire Station



Work Completed since last RAB:

- Conducted RI SAP scoping session with regulators
- Submitted Draft RI SAP for regulatory review

Work In Progress:

- Complete the RI SAP
- Preparation for RI field work



- Legend**
- Monitoring Well
 - Approximate Groundwater Flow Direction
 - Groundwater Contour (dashed where inferred)
 - PFAS Release Area
 - Proposed Location of Additional Two Bays
 - Site Boundary
 - Installation Boundary
- 25.15 Groundwater Elevation (feet above NAVD88)

CAX ERP – AOC 1 South Scrap Metal Dump

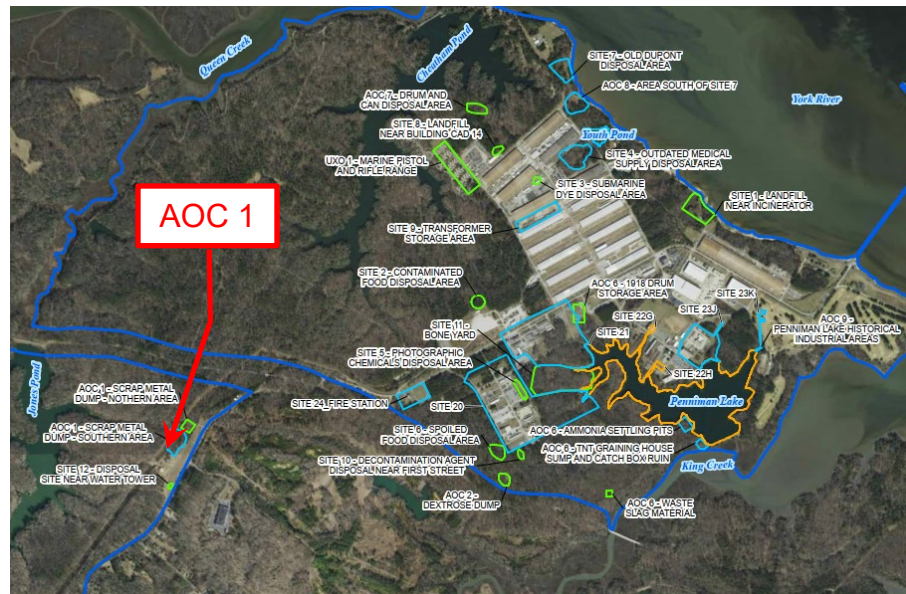
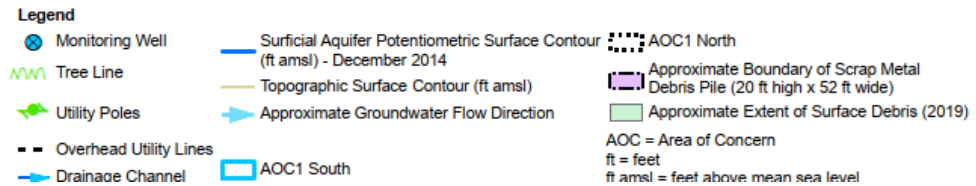
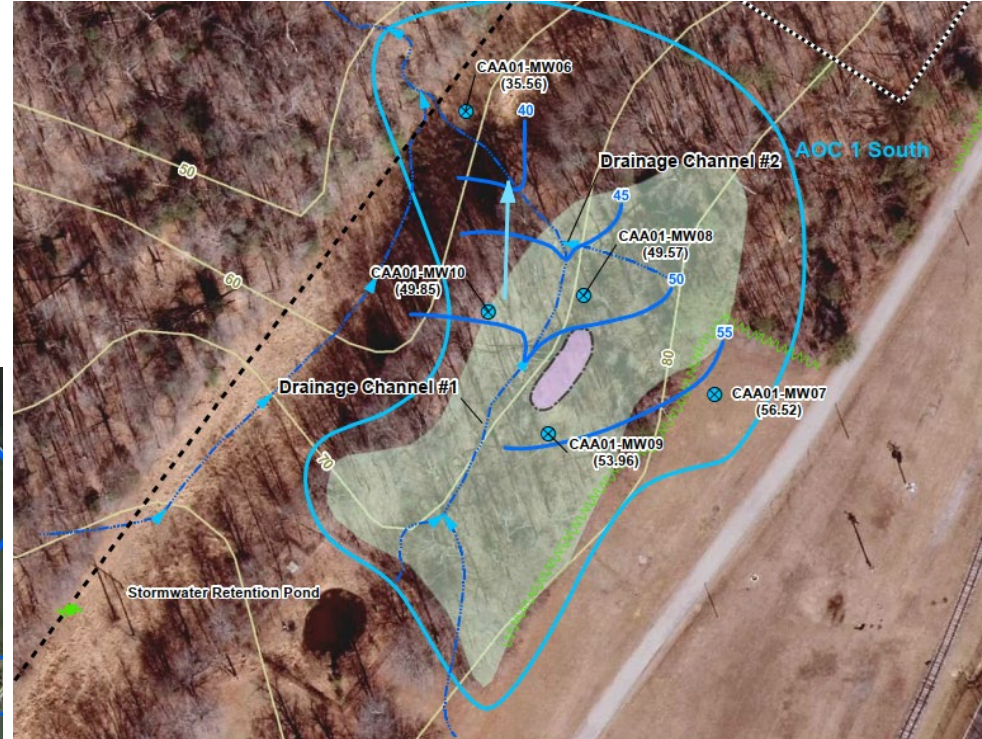


Work Completed since last RAB:

- Final FS for all media

Work In Progress:

- Preparation of the PP



CAX ERP – AOC 8

Area South of Site 7

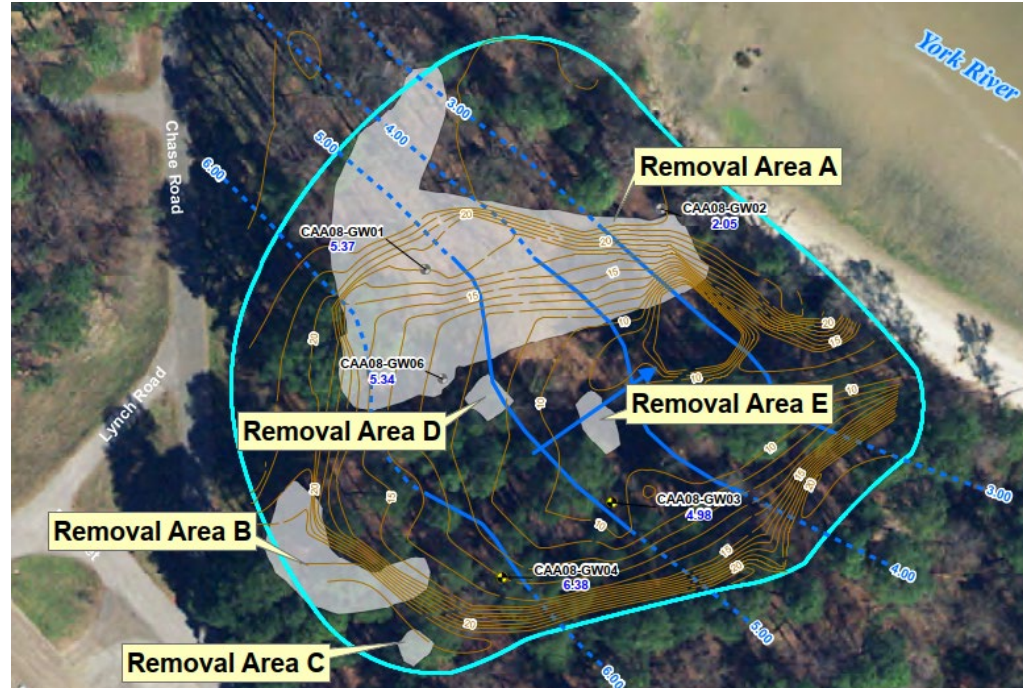


Work Completed since last RAB:

- Determined a supplemental groundwater investigation was necessary

Work In Progress:

- Preparation of a supplemental groundwater investigation SAP Addendum



- Legend**
- Permanent Monitoring Well
 - Removed/Abandoned Monitoring Well
 - Elevation Contour prior to Removal Action (feet)
 - - - Inferred Groundwater Contour (feet)
 - Groundwater Contour (feet)
 - ➔ Approximate Direction of Groundwater Flow
 - Approximate Study Area (Active RI)(2.5 acres)
 - Final Excavation Limits
 - 5.34 - Groundwater Elevation
 - Imagery: Virginia Commonwealth, 2017

CAX ERP – AOC 9

Penniman Lake



Work Completed since last RAB:


- None, Penniman Lake is deferred until Sites 20, 21, 22, and 23 have been fully investigated

Work In Progress:

- None



Legend

 Active SI Site or AOC

Questions or Comments?



For additional Information regarding the Naval Weapons Station Yorktown ERP at CAX, please contact:

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Visit CAX's ERP Public Web Page at:

<https://www.navfac.navy.mil/Divisions/Environmental/Products-and-Services/Environmental-Restoration/Mid-Atlantic/Cheatham-Annex/Community-Outreach/>



QR Code to Public Website