

Archaeological Survey at Installation Restoration Site 7

Naval Weapons Station
Yorktown Cheatham Annex,
York County, Virginia



Introduction

- **Project:** Installation of 29 new monitoring wells at Installation Restoration Site 7.
- **Objective:** To conduct an archaeological survey to identify and assess any potential impacts to archaeological resources.
- **Regulatory Driver:** Section 106 of the National Historic Preservation Act.
 - Requires federal agencies to assess the impact of their projects on historic properties.
- Agencies must also evaluate historic properties to determine eligibility for listing in the National Register of Historic Places (NRHP).

Area of Potential Effects (APE)

- The APE for this project encompasses 4.27 acres.
- It includes the proposed well locations and the offroad access routes required for the project.
- The APE intersects with three previously identified archaeological sites:
 - 44YO0605
 - 44YO0606
 - 44YO0608





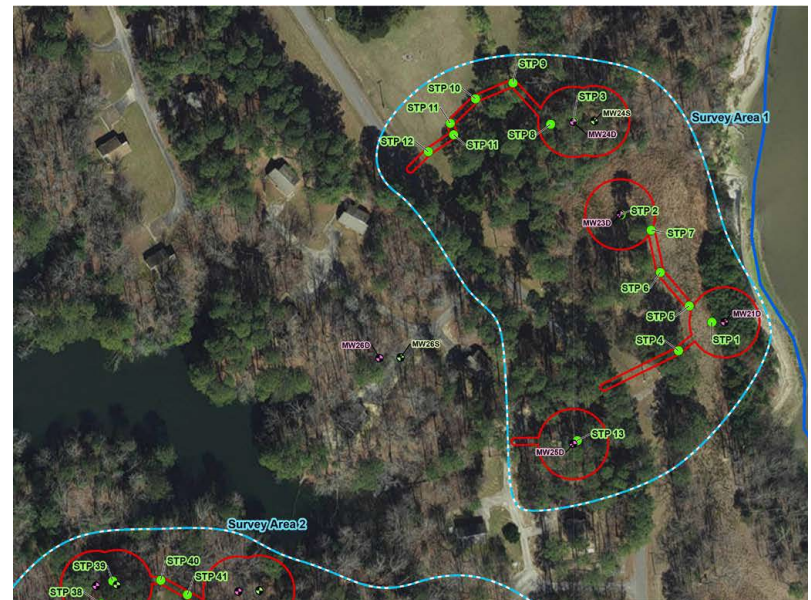
Archaeology Sites

- **Site 44YO0605:** Woodland Period (1200 BCE – 1606 CE), 17th, and 18th-century CE components. Considered **Potentially Eligible** for the NRHP.
- **Site 44YO0606:** Woodland Period and late 19th to 20th-century components. Considered **Potentially Eligible** for the NRHP.
- **Site 44YO0608:** Late Woodland (800 – 1606 CE) and late 19th to early 20th-century CE components. Considered **Not Eligible** for the NRHP.

These sites were originally identified during a 1996 archaeological survey of the entire base.

Survey Methodology

- **Pedestrian Survey:** The offroad access routes were surveyed to identify the most efficient and least destructive paths.
- **Shovel Test Pits (STPs):** STPs were excavated at 15-meter (50-foot) intervals along the proposed access routes and at each of the 19 proposed monitoring well locations.
- **Site Delineation:** Additional STPs were excavated to determine the boundaries of any identified archaeological resources.



Survey Results

- A total of 61 STPs were excavated.
- **Site 44YO0605:** No archaeological evidence of this site was found within the project's APE.
- **Site 44YO0606:** Two positive STPs were identified, each containing one precolonial ceramic sherd. The access route was rerouted to avoid these locations.
- **Site 44YO0608:** No archaeological evidence of this site was found within the project's APE.



Summary of Findings

- No impact is anticipated for Site 44YO0605 and 44YO0608 as no evidence of these sites was found within the APE.
- The portion of Site 44YO0606 with identified artifacts will be avoided by the project through the rerouting of the access road.
- The project as currently designed will not have an adverse effect on historic properties.

Recommendations

- **Finding of No Adverse Effect:** CH2M recommended a finding of "No Adverse Effect to Historic Properties" for the monitoring well project.
- **Archaeological Monitoring:** Due to the potential for unrecorded archaeological deposits, CH2M recommended that archaeological monitoring be conducted during all ground-disturbing activities within the APE.

Conclusion

- The archaeological survey identified no significant archaeological resources that will be adversely affected by the proposed project.
- The rerouting of the access road will avoid impacts to the identified portion of Site 44YO0606.
- Archaeological monitoring will ensure that any unexpected discoveries are managed appropriately.