

CAPE WISLOW AWS STATION PRELIMINARY ASSESSMENT POST SITE VISIT PRESENTATION

Forrest Kranda
Archaeologist/Project Manager
USACE Alaska District
Environmental and Special Programs
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PROJECT TEAM AND STAKEHOLDERS

USACE Site Visit Team

- Project Manager/ Archaeologist- Forrest Kranda
- Project Chemist- Jake Sweet
- Project Engineer- Will Mangano
- Field Support- Kaitlyn East
- Archaeologist- Kelly Eldridge

Maritime Helicopters

- Pilot- Mike King

Regulators

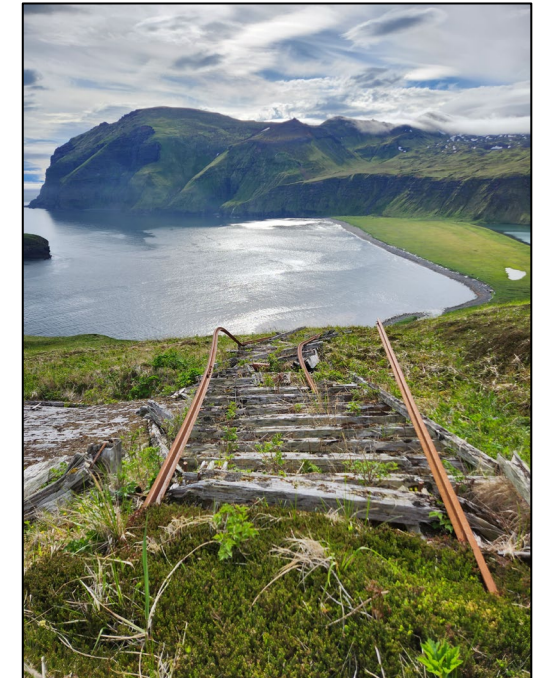
- ADEC
- SHPO

Land Managers

- Ounalashka Corporation
- USFWS

Consulting Stakeholders

- Qawalangin Tribe of Unalaska
- Unalaska Historical Society





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BACKGROUND CAPE WISLOW AWS STATION

World War II 1942-1945

- Occupation dates 1942-1945
- Constructed by U.S. Army Corps of Engineers and Signal Corps
- Supplied by barge from Fort Mears- 55-gallon drums used to transport fuel
- Consisted of a Radar Facility, Search Lights, and Harbor Defense Observation Post

1984-1986 FUDS Investigations

- Finding of “no evidence of hazardous, toxic-waste, ordnance, or unsafe debris.”
- 1986 inventory identified potential concerns at the tram, a section of old barge, steel drums, pumphouse, generator building, and 1,000-gallon aboveground storage tank (AST).

1974- Allan McCartney – Aleutian Islands Coastline surveys

1982-1988- Doug Veltre- Archaeological Survey of Amaknak and Unalaska Islands and excavation at Reese Bay Site (UNL-00063)

2005- Mike Yarborough- Selendang Ayu Spill Survey



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CAPE WISLOW AWS STATION FACILITIES

Facilities were split into a lower camp and upper camp:

Access Support (lower camp)

- Tramway
- Hoist House
- Dock

Living Quarters/Operations (upper camp)

- Aircraft Warning Service (AWS) SCR-271- Fixed Radar- Tower and Detector Building
- Harbor Defense Observation Post (HDOP) No. 4 (Part of Fort Mears) – Concrete Bunker
- Two Searchlights in “Elephant Steel” aka. Armco Huts (Searchlights Nos. 13 and 14, also part of Fort Mears)
- Two Searchlight Power Plants
- Two Searchlight Control Structures- Distant Electronic Control (DEC)
- Main Powerhouse
- Three “Theater of Operations” T/O wood frame structures (2 barracks and 1 headquarters structure)
- Pumphouse
- Concrete or Wood Dam
- Three Quonset Hut storage units



Wislow Detector Site (Bush 1944:223)



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LAND STATUS

- Land Managers are U.S. Fish and Wildlife Service and Ounalashka Corporation

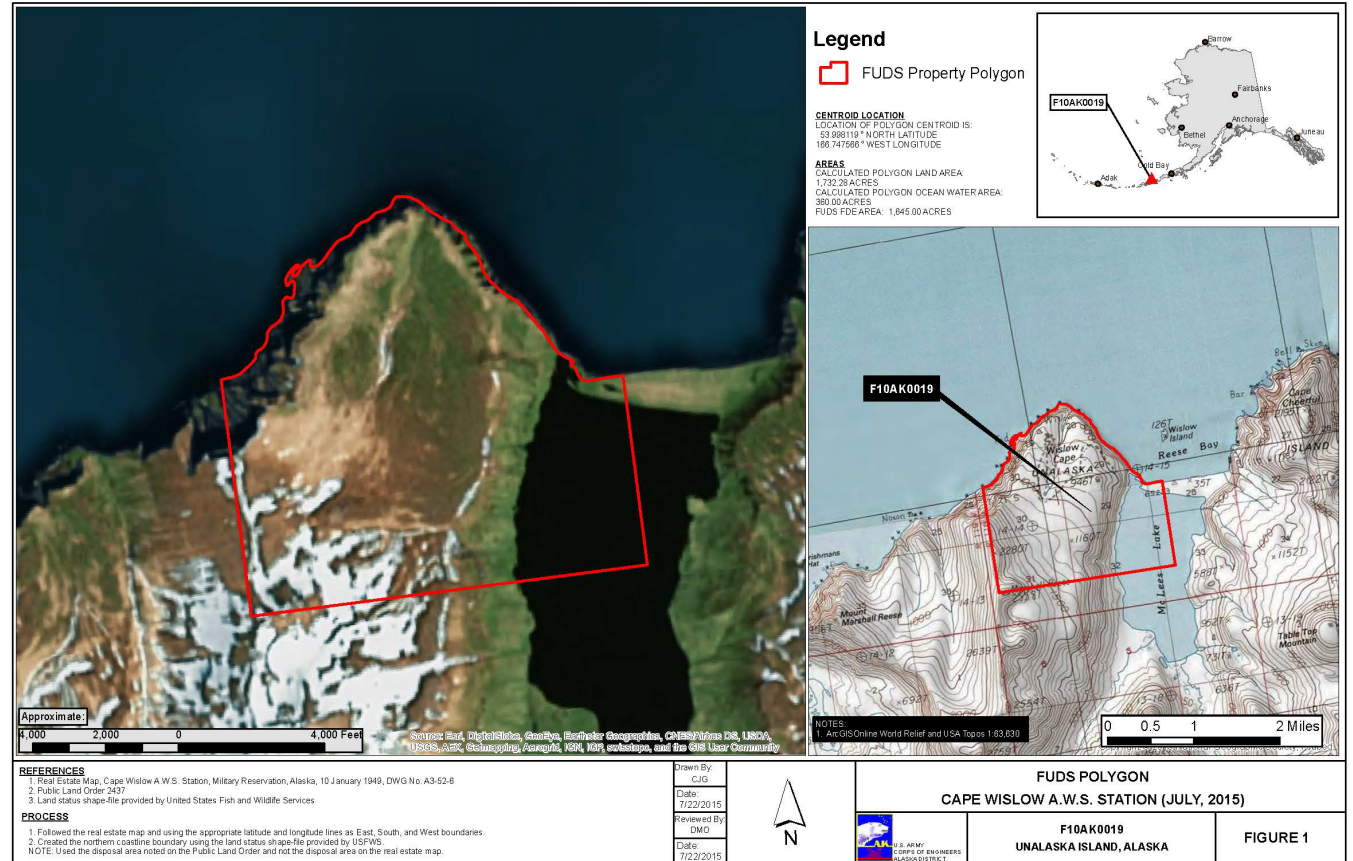
Cape Wislow Approx. Survey Area and Land Ownership



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BLM AK Administered Lands (SMA) Native Lands
Fish and Wildlife Service Water

Bureau of Land Management (BLM), Alaska | Bureau of Land Management (BLM), Alaska State Office | Bureau of Land Management, Alaska | Source: U.S. Census Bureau | Alaska Dept





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SITE VISIT - JUNE 18-23, 2023

- Evaluate features of potential concern through visual observation, field screening, and analytical soil sampling.
- Collect photographs, GPS data, field notes, etc.
- Determine whether additional remedial actions may be warranted.
- Archaeological Survey and NRHP eligibility assessment

USACE 1986 Inventory



Barge sections on beach - Cape Wislow



Generator in power plant - Cape Wislow



1000 gallon tank - Cape Wislow



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TRAMWAY-HOIST HOUSE





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TRAMWAY- HOIST HOUSE INTERIOR



Batteries



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POWERHOUSE



- Two-Underground Storage Tanks (USTs)
- Surrounded by chain-link fence
- No generators present



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SAMPLING AT THE POWERHOUSE





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HEADQUARTERS BUILDING





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RADAR SITE



Wiring for Power





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KVA GENERATOR UTILITY STRUCTURE



- Power generator structure collapsed
- HDOP Bunker not present



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SEARCHLIGHT SHELTERS





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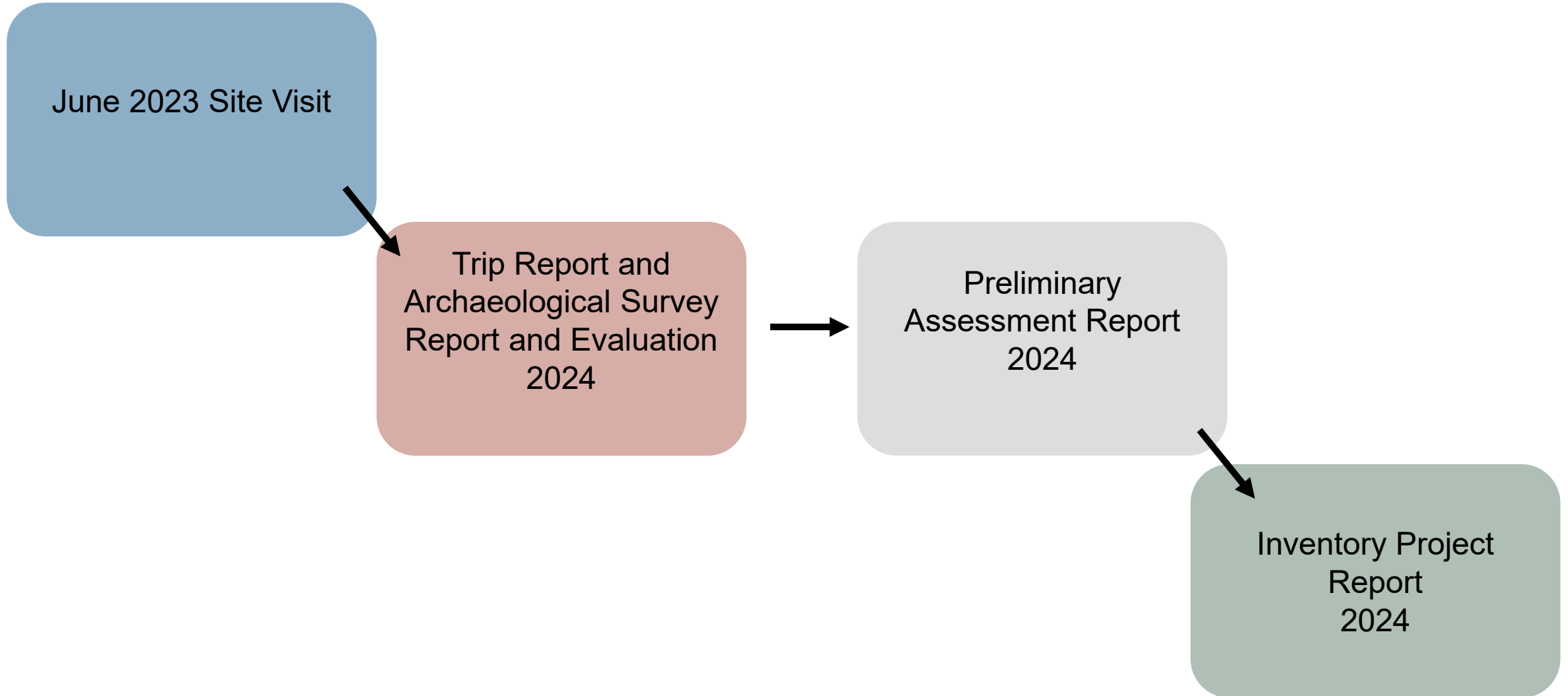
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PATH FORWARD 2023-2024





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Questions?