



# Phase II and Phase III Archaeological Database and Inventory

Site Number: 18QU998

Site Name: QAS TRC-4

Prehistoric

Other name(s)

Historic

Brief Description:

Early, Middle, & Late Archaic lithic scatter; Mid 19th-Early 20th century domestic trash scatter

Unknown

## Site Location and Environmental Data:

Maryland Archaeological Research Unit No. 4

SCS soil & sediment code Hr,HnB

Latitude 39.1450

Longitude -75.8053

Physiographic province Eastern Shore Coastal P

Terrestrial site

Underwater site

Elevation m

Site slope 0-5%

Ethnobotany profile available

Maritime site

Site setting

-Site Setting restricted

-Lat/Long accurate to within 1 sq. mile, user may need to make slight adjustments in mapping to account for sites near state/county lines or streams

### Topography

- Floodplain
- High terrace
- Hilltop/bluff
- Rockshelter/cave
- Interior flat
- Hillslope
- Upland flat
- Unknown
- Ridgetop
- Other
- Terrace
- Low terrace

### Ownership

- Private
- Federal
- State of MD
- Regional/county/city
- Unknown

### Nearest Surface Water

Name (if any) Unnamed tributary of Long

#### Saltwater

Ocean

Estuary/tidal river

Tidewater/marsh

Spring

#### Freshwater

Stream/river

Swamp

Lake or pond

Spring

Minimum distance to water is 50 m

## Temporal & Ethnic Contextual Data:

Paleoindian site

Woodland site

Contact period site  ca. 1820 - 1860

ca. 1630 - 1675  ca. 1860 - 1900

Archaic site

MD Adena

ca. 1675 - 1720  ca. 1900 - 1930

Early archaic

Early woodland

ca. 1720 - 1780  Post 1930

Middle archaic

Mid. woodland

ca. 1780 - 1820

Late archaic

Late woodland

Unknown historic context

Unknown prehistoric context

Unknown context

### Ethnic Associations (historic only)

Native American

Asian American

African American

Unknown

Anglo-American

Other

Hispanic

Y=Confirmed, P=Possible

## Site Function Contextual Data:

### Prehistoric

- Multi-component
- Misc. ceremonial
- Village
- Rock art
- Hamlet
- Shell midden
- Base camp
- STU/lithic scatter
- Rockshelter/cave
- Quarry/extraction
- Earthen mound
- Fish weir
- Cairn
- Production area
- Burial area
- Unknown
- Other context

### Historic

Urban/Rural? Rural

#### Domestic

Homestead

Farmstead

Mansion

Plantation

Row/townhome

Cellar

Privy

#### Industrial

Mining-related

Quarry-related

Mill

Black/metalsmith

Furnace/forge

Other

#### Transportation

Canal-related

Road/railroad

Wharf/landing

Maritime-related

Bridge

Ford

#### Educational

Commercial

Trading post

Store

Tavern/inn

#### Military

Battlefield

Fortification

Encampment

#### Townsite

Religious

Church/mtg house

Ch support bldg

#### Burial area

Cemetery

Sepulchre

Isolated burial

#### Bldg or foundation

Possible Structure

Post-in-ground

Frame-built

Masonry

Other structure

#### Slave related

Non-domestic agri

Recreational

Midden/dump

Artifact scatter

Spring or well

Unknown

Other context

## Interpretive Sampling Data:

### Prehistoric context samples

Soil samples taken N

Flotation samples taken N

Other samples taken

### Historic context samples

Soil samples taken N

Flotation samples taken N

Other samples taken



# Phase II and Phase III Archaeological Database and Inventory

Site Number: 18QU998

Site Name: QAS TRC-4

Prehistoric

Other name(s)

Historic

Brief Description:

Early, Middle, & Late Archaic lithic scatter; Mid 19th-Early 20th century domestic trash scatter

Unknown

## Diagnostic Artifact Data:

Projectile Point Types			
Clovis	<input type="checkbox"/>	Koens-Crispin	<input type="checkbox"/>
Hardaway-Dalton	<input type="checkbox"/>	Perkiomen	<input type="checkbox"/>
Palmer	<input type="checkbox"/>	Susquehana	<input type="checkbox"/>
Kirk (notch)	<input type="checkbox"/>	Vernon	<input type="checkbox"/>
Kirk (stem)	<input type="checkbox"/>	Piscataway	<input type="checkbox"/>
Le Croy	<input type="checkbox"/>	Calvert	<input type="checkbox"/>
Morrow Mntn	<input type="checkbox"/>	Selby Bay	<input type="checkbox"/>
Guilford	<input type="checkbox"/>	Jacks Rf (notch)	<input type="checkbox"/>
Brewerton	<input type="checkbox"/>	Jacks Rf (pent)	<input type="checkbox"/>
Otter Creek	<input type="checkbox"/>	Madison/Potomac	<input type="checkbox"/>
		Levanna	<input type="checkbox"/>

## Prehistoric Sherd Types

Marcey Creek	<input type="checkbox"/>	Popes Creek	<input type="checkbox"/>	Shepard	<input type="checkbox"/>	Keyser	<input type="checkbox"/>
Dames Qtr	<input type="checkbox"/>	Coulbourn	<input type="checkbox"/>	Townsend	<input type="checkbox"/>	Yeocomico	<input type="checkbox"/>
Selden Island	<input type="checkbox"/>	Watson	<input type="checkbox"/>	Minguannan	<input type="checkbox"/>	Monongahela	<input type="checkbox"/>
Accokeek	<input type="checkbox"/>	Mockley	<input type="checkbox"/>	Sullivan Cove	<input type="checkbox"/>	Susquehannock	<input type="checkbox"/>
Wolfe Neck	<input type="checkbox"/>	Clemson Island	<input type="checkbox"/>	Shenks Ferry	<input type="checkbox"/>		
Vinette	<input type="checkbox"/>	Page	<input type="checkbox"/>	Moyaone	<input type="checkbox"/>		
				Potomac Crk	<input type="checkbox"/>		

## Historic Sherd Types

Earthenware				Ironstone		Staffordshire		Stoneware	
Astbury	<input type="checkbox"/>	Jackfield	<input type="checkbox"/>		<input type="checkbox"/>	Tin Glazed	<input type="checkbox"/>	English Brown	<input type="checkbox"/>
Borderware	<input type="checkbox"/>	Mn Mottled	<input type="checkbox"/>		<input type="checkbox"/>	Whiteware	<input type="checkbox"/>	Eng Dry-bodied	<input type="checkbox"/>
Buckley	<input type="checkbox"/>	North Devon	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	Nottingham	<input type="checkbox"/>
Creamware	<input type="checkbox"/>	Pearlware	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	Rhenish	<input type="checkbox"/>
								Wt Salt-glazed	<input type="checkbox"/>

All quantities exact or estimated minimal counts

## Other Artifact & Feature Types:

Prehistoric Artifacts			
Flaked stone	<input type="checkbox"/>	Other fired clay	<input type="checkbox"/>
Ground stone	<input type="checkbox"/>	Human remain(s)	<input type="checkbox"/>
Stone bowls	<input type="checkbox"/>	Modified faunal	<input type="checkbox"/>
Fire-cracked rock	<input type="checkbox"/>	Unmod faunal	<input type="checkbox"/>
Other lithics (all)	<input type="checkbox"/>	Oyster shell	<input type="checkbox"/>
Ceramics (all)	<input type="checkbox"/>	Floral material	<input type="checkbox"/>
Rimsherds	<input type="checkbox"/>	Uncommon Obj.	<input type="checkbox"/>
		Other	<input type="checkbox"/>

## Prehistoric Features

Mound(s)	<input type="checkbox"/>	Storage/trash pit	<input type="checkbox"/>
Midden	<input type="checkbox"/>	Burial(s)	<input type="checkbox"/>
Shell midden	<input type="checkbox"/>	Ossuary	<input type="checkbox"/>
Postholes/molds	<input type="checkbox"/>	Unknown	<input type="checkbox"/>
House pattern(s)	<input type="checkbox"/>	Other	<input type="checkbox"/>
Palisade(s)	<input type="checkbox"/>		
Hearth(s)	<input type="checkbox"/>		
Lithic reduc area	<input type="checkbox"/>		

## Lithic Material

Jasper	<input checked="" type="checkbox"/>	Fer quartzite	<input type="checkbox"/>	Sil sandstone	<input type="checkbox"/>
Chert	<input checked="" type="checkbox"/>	Chalcedony	<input type="checkbox"/>	European flint	<input type="checkbox"/>
Rhyolite	<input checked="" type="checkbox"/>	Ironstone	<input type="checkbox"/>	Basalt	<input type="checkbox"/>
Quartz	<input checked="" type="checkbox"/>	Argilite	<input type="checkbox"/>	Unknown	<input type="checkbox"/>
Quartzite	<input checked="" type="checkbox"/>	Steatite	<input type="checkbox"/>	Other	<input type="checkbox"/>
		Sandstone	<input type="checkbox"/>		

Dated features present at site

Historic Artifacts			
Pottery (all)	<input type="checkbox"/>	Tobacco related	<input type="checkbox"/>
Glass (all)	<input type="checkbox"/>	Activity item(s)	<input type="checkbox"/>
Architectural	<input type="checkbox"/>	Human remain(s)	<input type="checkbox"/>
Furniture	<input type="checkbox"/>	Faunal material	<input checked="" type="checkbox"/>
Arms	<input type="checkbox"/>	Misc. kitchen	<input type="checkbox"/>
Clothing	<input type="checkbox"/>	Floral material	<input type="checkbox"/>
Personal items	<input type="checkbox"/>	Misc.	<input type="checkbox"/>
		Other	<input type="checkbox"/>

## Historic Features

Const feature	<input type="checkbox"/>	Privy/outhouse	<input type="checkbox"/>	Depression/mound	<input type="checkbox"/>	Unknown	<input type="checkbox"/>
Foundation	<input type="checkbox"/>	Well/cistern	<input type="checkbox"/>	Burial(s)	<input type="checkbox"/>	Other	<input type="checkbox"/>
Cellar hole/cellar	<input type="checkbox"/>	Trash pit/dump	<input type="checkbox"/>	Railroad bed	<input type="checkbox"/>		
Hearth/chimney	<input type="checkbox"/>	Sheet midden	<input type="checkbox"/>	Earthworks	<input type="checkbox"/>		
Postholes/molds	<input type="checkbox"/>	Planting feature	<input type="checkbox"/>	Mill raceway	<input type="checkbox"/>		
Paling ditch/fence	<input type="checkbox"/>	Road/walkway	<input type="checkbox"/>	Wheel pit	<input type="checkbox"/>		

All quantities exact or estimated minimal counts

## Radiocarbon Data:

Sample 1:  +/-  years BP Reliability  Sample 2:  +/-  years BP Reliability  Sample 3:  +/-  years BP Reliability

Sample 4:  +/-  years BP Reliability  Sample 5:  +/-  years BP Reliability  Sample 6:  +/-  years BP Reliability

Sample 7:  0 +/-  years BP Reliability  Sample 8:  +/-  years BP Reliability  Sample 9:  +/-  years BP Reliability

Additional radiocarbon results available



# Phase II and Phase III Archaeological Database and Inventory

Site Number: 18QU998

Site Name: QAS TRC-4

Prehistoric

Other name(s)

Historic

Brief

Description:

Early, Middle, & Late Archaic lithic scatter; Mid 19th-Early 20th century domestic trash scatter

Unknown

## External Samples/Data:

Collection curated at

Additional raw data may be available online

## Summary Description:

The QAS TRC-4 Site (18QU998) is an Early, Middle, & Late Archaic lithic scatter near Barclay in rural Queen Anne's County. The site also contains a minor mid 19th-early 20th century component (a domestic trash scatter) associated with nearby site 18QU740. The site is situated on a sand ridge in an agricultural field near the headwaters of a feeder stream to Tuckahoe Creek and associated wetlands. The local topography is characterized by relatively level landforms with gentle changes in elevations on terraces and remnant dunes and in swamps, marshes, and basin-like depressions. Before the arrival of Europeans, the site area was wooded in red and white oak, sweetgum, swamp maple, holly, beech, white cedar, and bald cypress. Native fruits, seeds, greens, and tubers would have provided important food sources to prehistoric inhabitants of this region. At the time of contact, early explorers reported abundant animal life on the lower Eastern Shore including deer, squirrels, badgers, opossums, rabbits, bears, beavers, otters, foxes, martins, minks, weasels, and numerous fish and bird species. Soils at the site were primarily Hurlock and Hammonton sandy loams.

The site was first identified in April of 2010, during the course of a Phase I survey of a 77 acre parcel proposed for construction of a ground-mounted photovoltaic (Pv) solar facility. The Phase I work was required to meet State review requirements for issuance of a permit from the Maryland Department of the Environment (MDE). Phase I work entailed both surface collection and shovel test pit (STP) excavation. Across the entire 77 acre Pv parcel, a total of 571 shovel tests were excavated, re-identifying 2 previously documented sites, discovering two new sites (including 18QU998), and locating 2 isolated finds.

The Phase I archeological survey at Site 18QU998 yielded 112 artifacts (43 historic and 63 prehistoric) from 38 positive shovel tests and surface collection. The prehistoric assemblage is included in the tally provided below for both Phase I and II prehistoric assemblages. Diagnostic artifacts recovered during the Phase I survey included a single chert Lamoka point, a retouched bifurcate base, and a side-notched jasper point, dating occupation to the Archaic period. Based on these findings, Phase II testing was recommended at the site.

Phase II work was carried out in December of 2010. The Phase II investigations began with the excavation of 102 additional STPs in order to further define the site boundary and to identify the locations of any discrete artifact concentrations. The phase II STPs were excavated at 7.5 m intervals. STPs measured 40 cm in diameter and were placed along the same grid used during the Phase I survey. Shovel tests were excavated by natural or cultural horizons until sterile soils were reached. Soils were screened through hardware cloth, and profiles were recorded on standardized forms using standard nomenclature and methods.

This shovel testing identified a .22 acre artifact concentration (Locus 1) in the central-southern portion of the site atop a small rise which dominates the site setting. The Phase II shovel testing guided the placement of seven 1 X 1 m test units. Shovel tests and test units identified two natural strata which generally consisted of an upper organic layer (Ao) of brown sandy loam, generally 20-30 cm thick, overlying a plowzone deposit (Ap) of yellowish brown sand, generally 20-25 cm thick.

Test units were hand-excavated in arbitrary 10 cm levels within natural stratigraphy until sterile subsoil was reached. All soils were screened through hardware cloth and all artifacts, including fire-cracked rock, were retained for analysis. Upon completion of test unit excavation, two soil profiles from each test unit wall were drawn and photographed. In addition to arbitrary level excavation in test units, auger boring samples were taken at the base of two test units and two shovel tests in order to provide a more complete understanding of soil deposition within the site boundaries.

The Phase II investigation recovered a total of 400 artifacts, including 282 prehistoric, 118 historic, and 4 faunal items. No subsurface cultural features or deeply buried cultural deposits were encountered at 18QU998. In addition, evidence of bioturbation and other disturbance was noted. The combined Phase I and II prehistoric assemblage consisted of 3 jasper projectile points, 1 chert projectile point, 1 rhyolite projectile point, 5 biface fragments, 1 core, 3 scrapers, 1 utilized flake, 198 flakes (chert, quartz, quartzite, chalcedony, jasper, sandstone, and rhyolite), 100 lithic shatter fragments, 14 tested/split cobbles, and 18 pieces of fire-cracked rock. Projectile points include 1 jasper LeCroy point, 1 chert LeCroy point, a retouched bifurcate base side-notched jasper point, a jasper Poplar Island point, and a rhyolite Lamoka point.

Historic artifacts recovered during both Phase I and Phase II work at 18QU998 included 87 architectural artifacts (78 pieces of brick, 3 pieces of mortar, 2 hand-wrought nails, 2 unidentified nails, a piece of window glass, and a piece of metal hardware), 1 piece of shoe leather, 71 ceramic sherds (1 creamware, 6 whiteware, 2 yellowware, 60 redware, and 2 domestic stoneware), 4 pieces of container glass, a pipe bowl, and a gunflint. No historic cultural features or loci representing areas of concentrated historic activity were identified. Because historic document and maps provide no indication that a structure has ever been situated in the vicinity of 18QU998, the materials are thought to be related to the historic occupation at nearby site 18QU740 (see synopsis report).

Prehistoric artifacts recovered at site 18QU998 correspond to an Archaic-period lithic scatter. While the extant documentation from the site can provide some insight to our understanding of Archaic-period settlement patterns and lithic technology, further investigations of the site are not likely to enhance our understanding of regional prehistory. No subsurface features or deeply buried cultural deposits were recorded during Phase I and Phase II investigations. Due to lack of subsurface features and poor site integrity, site 18QU998 is considered to have limited research value and, as such, it should not be considered a significant cultural resource.

## External Reference Codes (Library ID Numbers):

95001497