



# Phase II and Phase III Archaeological Database and Inventory

Site Number: 18AN1018

Site Name: Bullard 1

Prehistoric

Other name(s)

Historic

Brief Description:

Late Archaic lithic scatter; 20th century artifact scatter/refuse disposal area

Unknown

## Site Location and Environmental Data:

Maryland Archaeological Research Unit No. 7

SCS soil & sediment code

Latitude 38.9867

Longitude -76.4611

Physiographic province Western Shore Coastal

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

### Ownership

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

### Nearest Surface Water

Name (if any) Carrs Creek

#### Saltwater

Ocean

Estuary/tidal river

Tidewater/marsh

#### Freshwater

Stream/river

Swamp

Lake or pond

Spring

Minimum distance to water is 38 m

## Temporal & Ethnic Contextual Data:

Paleoindian site

Woodland site

Contact period site

ca. 1820 - 1860

Archaic site

MD Adena

ca. 1630 - 1675

ca. 1860 - 1900

Early archaic

Early woodland

ca. 1675 - 1720

ca. 1900 - 1930

Middle archaic

Mid. woodland

ca. 1720 - 1780

Post 1930

Late archaic

Late woodland

ca. 1780 - 1820

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

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

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 

refuse disposal area

## Interpretive Sampling Data:

### Prehistoric context samples

Soil samples taken N

N

Flotation samples taken N

Other samples taken

### Historic context samples

Soil samples taken N

N

Flotation samples taken N

Other samples taken



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## Diagnostic Artifact Data:

Projectile Point Types		Koens-Crispin	
Clovis	<input type="checkbox"/>	Perkiomen	<input type="checkbox"/>
Hardaway-Dalton	<input type="checkbox"/>	Susquehana	<input type="checkbox"/>
Palmer	<input type="checkbox"/>	Vernon	<input type="checkbox"/>
Kirk (notch)	<input type="checkbox"/>	Piscataway	<input type="checkbox"/>
Kirk (stem)	<input type="checkbox"/>	Calvert	<input type="checkbox"/>
Le Croy	<input type="checkbox"/>	Selby Bay	<input type="checkbox"/>
Morrow Mntn	<input type="checkbox"/>	Jacks Rf (notch)	<input type="checkbox"/>
Guilford	<input type="checkbox"/>	Jacks Rf (pent)	<input type="checkbox"/>
Brewerton	<input type="checkbox"/>	Madison/Potomac	<input type="checkbox"/>
Otter Creek	<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"/>	Tin Glazed	<input type="checkbox"/>	English Brown	<input type="checkbox"/>
Borderware	<input type="checkbox"/>	Mn Mottled	<input type="checkbox"/>	Whiteware	<input type="checkbox"/>	Eng Dry-bodied	<input type="checkbox"/>
Buckley	<input type="checkbox"/>	North Devon	<input type="checkbox"/>	Porcelain	<input type="checkbox"/>	Nottingham	<input type="checkbox"/>
Creamware	<input type="checkbox"/>	Pearlware	<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		Other fired clay	
Flaked stone	<input type="checkbox"/> 7	Human remain(s)	<input type="checkbox"/>
Ground stone	<input type="checkbox"/>	Modified faunal	<input type="checkbox"/>
Stone bowls	<input type="checkbox"/>	Unmod faunal	<input type="checkbox"/>
Fire-cracked rock	<input type="checkbox"/>	Oyster shell	<input type="checkbox"/>
Other lithics (all)	<input type="checkbox"/>	Floral material	<input type="checkbox"/>
Ceramics (all)	<input type="checkbox"/>	Uncommon Obj.	<input type="checkbox"/>
Rimsherds	<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

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

Dated features present at site

Historic Artifacts		Tobacco related	
Pottery (all)	<input type="checkbox"/> 4	Activity item(s)	<input type="checkbox"/>
Glass (all)	<input type="checkbox"/> 7	Human remain(s)	<input type="checkbox"/>
Architectural	<input type="checkbox"/> 56	Faunal material	<input checked="" type="checkbox"/>
Furniture	<input type="checkbox"/>	Misc. kitchen	<input type="checkbox"/> 16
Arms	<input type="checkbox"/>	Floral material	<input type="checkbox"/>
Clothing	<input type="checkbox"/>	Misc.	<input type="checkbox"/> 20
Personal items	<input type="checkbox"/>	Other	<input checked="" type="checkbox"/> bakelite

### Historic Features

Privy/outhouse	<input type="checkbox"/>	Depression/mound	<input type="checkbox"/>	Unknown	<input type="checkbox"/>
Const feature	<input type="checkbox"/>	Burial(s)	<input type="checkbox"/>	Other	<input type="checkbox"/>
Foundation	<input type="checkbox"/>	Well/cistern	<input type="checkbox"/>		
Cellar hole/cellar	<input type="checkbox"/>	Trash pit/dump	<input checked="" 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:  +/-  years BP Reliability  Sample 8:  +/-  years BP Reliability  Sample 9:  +/-  years BP Reliability

Additional radiocarbon results available



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## External Samples/Data:

Collection curated at MAC

Additional raw data may be available online

## Summary Description:

Bullard 1 (18AN1018) consists of a Late Archaic lithic scatter and 20th century refuse deposit on US Naval Academy property north of Annapolis in Anne Arundel County. The site is situated on a low terrace above Carr Creek, a tidal tributary of the Severn River. The surrounding landscape is gently rolling to hilly and moderately dissected by broad, shallow valleys a few meters above sea level. Vegetation at the site at the time of its discovery in the summer of 2005 was dense secondary growth. Soils at the site are primarily Collington and Annapolis sandy loams.

The site was first identified during the summer of 2005 during the course of a Phase I survey prior to the (then) proposed construction of the Naval Academy Athletic Facility (NAAF) on 18.2 acres of land owned by the US Navy. In accordance with provisions of the National Environmental Policy Act of 1969, the National Historic Preservation Act of 1966, and the Archeological Resources Protection Act of 1979, federally funded, licensed, or approved undertakings must assess their effects on significant cultural resources, including archeological sites and historic standing structures. In order to do this, potentially significant sites must first be identified. Because the project would be located on land owned by the US Navy, the provisions of these legislative acts apply.

Phase I work in the vicinity of the site consisted of shovel test pits (STP) at 20 meter intervals with radials placed at 5 m intervals around positive finds. The STPs were 35 cm in diameter and extended at least 10 cm into undisturbed natural subsoil. All manually excavated soil was passed through hardware cloth to ensure uniform recovery of cultural materials. The locations of all excavations were recorded on a project map and profiles of all shovel test units were recorded. Conditions affecting survey methods and results were documented photographically.

Four of the Phase I STPs produced artifacts, primarily at the southern and northern ends of the site. The Phase I investigations encountered a light and sporadic scatter of prehistoric lithics, tentatively dating to the Late Archaic. The temporal assignment was based on the recovery of a broken, straight-stemmed projectile point made of fine-grained quartzite, similar to a Bare Island point. This point and two flakes were found in the plowzone, but one single quartz bifacial thinning flake was recovered in a B horizon. The presence of a diagnostic and a subsurface artifact led to Phase II site evaluation that same summer.

The 2005 Phase II investigation entailed the excavation of additional STPs at 5 m intervals and five 1 X 1 m test units. Phase II STPs were 40.6 cm in diameter and extended into undisturbed natural subsoil just over 9 cm. Formal test units were 1 X 1 m in extent and were dug at least 10 cm into natural subsoil. All manually excavated soil was passed through hardware cloth to ensure uniform recovery of cultural materials. Each unit was recorded in plan and profile as appropriate.

A total of 204 STPs and five 1 X 1 m excavation units were excavated in 2005 in association with the Bullard 1 Site. In general, stratigraphy consisted of a yellowish brown to brownish yellow silty loam to sandy clay ranging in depth from 15 to 40 cm below surface. Subsoil consisted of a brownish yellow to yellow sandy clay loam to clay. A few units exhibited an intermediate layer of pink clayey silt between the plowzone and subsoil.

Artifacts, consisting of oyster shell, a chert core fragment, two chert flakes, brick fragments, olive green and clear bottle glass, a sherd of undecorated whiteware, a sherd of stoneware, and a bakelite fragment were recovered. Excavation units confirmed the plowzone/subsoil stratigraphy and few artifacts were recovered from 3 of the 5 units. Two adjacent excavation units revealed what was eventually defined as an unarticulated brick concentration, which was interpreted as archeologists as an episode of dumping.

The 2005 artifact assemblage from 18AN1018 (both Phase I and II) consisted of 24 pieces of brick, 8 mortar fragments, 4 drain pipe fragments, 8 wire nails, 12 other nails/nail fragments, 2 whiteware sherds, 1 miscellaneous stoneware sherd, 1 unidentified sherd, 7 pieces of container glass, 16 pieces of oyster shell, a bakelite fragment, 1 snail shell, 14 pieces of slag, 3 possible asphalt fragments, 1 unidentified item, a possible Bare Island point, 1 chert core, 2 chert flakes, 2 rhyolite flakes, and 1 piece of quartz shatter.

Based on the relatively ephemeral nature of these deposits and the lack of subsurface integrity, it is unlikely that further investigation of the Bullard 1 Site (18AN1018) would provide significant information concerning life in the past. The resource was not recommended eligible for listing on the NRHP. No further investigation is recommended.

## External Reference Codes (Library ID Numbers):

97002559, Site Files