



# Phase II and Phase III Archaeological Database and Inventory

Site Number: 18AG240

Site Name: Barton Sewer Outfall 1

Prehistoric

Other name(s)

Historic

Brief Description:

Late Woodland base camp

Unknown

## Site Location and Environmental Data:

Maryland Archaeological Research Unit No. 22

SCS soil & sediment code

Latitude 39.5566

Longitude -78.8541

Physiographic province Ridge and Valley

Terrestrial site

Underwater site

Elevation m Site slope

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) North Branch Potomac Riv

- | Saltwater                                |  | Freshwater                                   |                                |
|--|--|--|--------------------------------|
| Ocean <input type="checkbox"/>           | Stream/river <input checked="" type="checkbox"/> | Estuary/tidal river <input type="checkbox"/> | Swamp <input type="checkbox"/> |
| Tidewater/marsh <input type="checkbox"/> | Lake or pond <input type="checkbox"/>            | Spring <input type="checkbox"/>              |                                |
| Minimum distance to water is 25 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  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?

### 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 Y

Other samples taken

### Historic context samples

Soil samples taken

Flotation samples taken

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"/> 1
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"/> 3	Minguannan	<input type="checkbox"/>	Monongahela	<input type="checkbox"/>
Accokeek	<input type="checkbox"/> 1	Mockley	<input type="checkbox"/>	Sullivan Cove	<input type="checkbox"/>	Susquehannock	<input type="checkbox"/>
Wolfe Neck	<input type="checkbox"/>	Clemson Island	<input type="checkbox"/> 27	Shenks Ferry	<input type="checkbox"/>		
Vinette	<input type="checkbox"/> 11	Page	<input type="checkbox"/> 17	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"/> 2357	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"/> 8
Fire-cracked rock	<input type="checkbox"/> 108	Oyster shell	<input type="checkbox"/>
Other lithics (all)	<input type="checkbox"/> 2	Floral material	<input type="checkbox"/>
Ceramics (all)	<input type="checkbox"/> 80	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 checked="" type="checkbox"/>
Palisade(s)	<input type="checkbox"/>	occupation surface	<input type="checkbox"/>
Hearth(s)	<input checked="" type="checkbox"/>		
Lithic reduc area	<input checked="" type="checkbox"/>		

### Lithic Material

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

Dated features present at site

Historic Artifacts		Tobacco related	
Pottery (all)	<input type="checkbox"/>	Activity item(s)	<input type="checkbox"/>
Glass (all)	<input type="checkbox"/>	Human remain(s)	<input type="checkbox"/>
Architectural	<input type="checkbox"/>	Faunal material	<input type="checkbox"/>
Furniture	<input type="checkbox"/>	Misc. kitchen	<input type="checkbox"/>
Arms	<input type="checkbox"/>	Floral material	<input type="checkbox"/>
Clothing	<input type="checkbox"/>	Misc.	<input type="checkbox"/>
Personal items	<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:  +/-  years BP Reliability  Sample 8:  +/-  years BP Reliability  Sample 9:  +/-  years BP Reliability

Additional radiocarbon results available



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Late Woodland base camp

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## External Samples/Data:

Collection curated at

Additional raw data may be available online

## Summary Description:

Site 18AG240 is a large Late Woodland Period site located on the lower floodplain of the North Branch of the Potomac River in Allegany County, MD. The southeastern edge of the site is covered by a relict levee (of the Potomac) topped by a dirt two-track road. The site was first identified during cultural resources survey conducted by R. Christopher Goodwin & Associates, Inc. in 2002. Conducted in advance of the construction of a proposed sewage outfall corridor extension, the Phase I survey was confined to the limits of the 12.2 m (40 ft) wide corridor. The site is considered part of the Barton complex of sites that lay scattered throughout the area. Soils belong primarily to the Weikert-Calvi-Lehav association, shallow and well-drained shaly to stony soils.

The Phase I work included the excavation of 18 shovel tests (at 10 m intervals), one mechanized trench, and one 1 X 2 m test unit. Three cultural features were identified in intact stratigraphic horizons beneath the historic plowzone. The features appeared to represent an intact Middle to Late Woodland occupation surface and contained a high density of lithic debris, ceramics, and charcoal flecking. Recovered artifacts suggested a focus on late-stage biface or tool production, along activities associated with food procurement and preparation.

The Phase I survey yielded 1,646 prehistoric artifacts and 1 historic artifact. A significant majority of the prehistoric artifacts were recovered from intact sub-plowzone horizons. The single historic artifact, a possible ball clay pipe bowl fragment, was recovered from the plowzone. Recovered prehistoric artifacts consisted of 1549 pieces of debitage, 1 core, 7 bifaces, 7 utilized/retouched flakes, 1 hammerstone, 38 pieces of fire-cracked rock, and 21 ceramic sherds. One of the sherds is identified as an Accokeek sherd. Bone (8 pieces), wood (12 pieces), and 2 unburnt nut/seed pieces were also recovered.

Phase II testing was designed to determine: 1) the nature, age, and function of the archeological resource, 2) its horizontal and vertical boundaries, and 3) its integrity. Site-specific research focused on assessing the character of the stratified prehistoric occupation associated with the Ab horizon on the nearby levee. The presence of features and discernable patterns in the densities and types of cultural material recovered during Phase II work within this horizon indicate that activity areas may be distinguishable across the site.

Testing involved the excavation of 79 shovel tests (at 5 m intervals) along three transects. These lead to the placement of five 1 X 2 m test units (shown on map as 12 1 X 1s, but TU 1 & 2 are from the Phase 1 study) which were excavated to a depth of 150 cm below the surface or the top of a relict channel lag deposit. In test units where the lag deposits were more than 150 cm below surface, a 50 X 50 cm director's window was placed in the southwest corner of that unit to expose the top of the lag deposit. Auger tests were conducted in director's windows where the lag deposit exceeded 200 cm below surface.

The Phase II ceramic assemblage included 1 unspecified, 27 early Clemson Island, 17 Page, 11 Vinette, and 3 Watson sherds. Flaked Stone tools consisted of 6 bifaces, 2 cores, 10 utilized/retouched flakes, and 775 pieces of debitage. One of the bifaces is a possible Madison/Potomac triangular point. In addition to the flaked tools, 1 hammerstone and 70 fire-cracked rocks were recovered. One unidentified organic item was also excavated.

Site 18AG240 is an early Late Woodland period camp site, retaining high integrity of features and artifacts within the buried paleosol on the levee (at a depth of 50 cm). Activity areas are likely distinguishable from one another. The isolation of such activity areas and other components of the occupational horizon will facilitate analyses of sub-assemblages that can help refine regional typologies, conduct technological studies focused on stone tool production and use, as well as better characterize the structure of small sites during the Late Woodland period.

## External Reference Codes (Library ID Numbers):

97001671