



# Phase II and Phase III Archaeological Database and Inventory

Site Number: 18BA517

Site Name: Windlass Site 1

Prehistoric

Other name(s)

Historic

Unknown

Brief Description:

Early 19th-early 20th century farmstead

## Site Location and Environmental Data:

Maryland Archaeological Research Unit No. 7

SCS soil & sediment code

Latitude 39.3561

Longitude -76.4137

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) Windlass Run

#### Saltwater

Ocean

Estuary/tidal river

Tidewater/marsh

Spring

#### Freshwater

Stream/river

Swamp

Lake or pond

Spring

Minimum distance to water is 43 m

## Temporal & Ethnic Contextual Data:

Paleoindian site

Woodland site

Archaic site

MD Adena

Early archaic

Early woodland

Middle archaic

Mid. woodland

Late archaic

Late woodland

Unknown prehistoric context

Contact period site

ca. 1820 - 1860

ca. 1630 - 1675

ca. 1860 - 1900

ca. 1675 - 1720

ca. 1900 - 1930

ca. 1720 - 1780

Post 1930

ca. 1780 - 1820

Unknown historic 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

Flotation samples taken

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"/>
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

<b>Earthenware</b>		Ironstone	32	Staffordshire	<input type="checkbox"/>	<b>Stoneware</b>	
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	341	Eng Dry-bodied	<input type="checkbox"/>
Buckley	<input type="checkbox"/>	North Devon	<input type="checkbox"/>	<b>Porcelain</b>	73	Nottingham	<input type="checkbox"/>
Creamware	5	Pearlware	25			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	14	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 type="checkbox"/>	Ironstone	<input type="checkbox"/>
Rhyolite	<input type="checkbox"/>	Argilite	<input type="checkbox"/>
Quartz	<input type="checkbox"/>	Steatite	<input type="checkbox"/>
Quartzite	<input type="checkbox"/>	Sandstone	<input type="checkbox"/>
		European flint	<input type="checkbox"/>
		Basalt	<input type="checkbox"/>
		Unknown	<input type="checkbox"/>
		Other	<input type="checkbox"/>

Dated features present at site

Feature 3-01: cellar hole and possible builder's trench; artifacts from infill suggested a post-1840 date of construction

Historic Artifacts		Tobacco related	
Pottery (all)	663	Activity item(s)	18
Glass (all)	1969	Human remain(s)	<input type="checkbox"/>
Architectural	1191	Faunal material	<input checked="" type="checkbox"/>
Furniture	1	Misc. kitchen	27
Arms	<input type="checkbox"/>	Floral material	<input type="checkbox"/>
Clothing	6	Misc.	106
Personal items	5	Other	<input type="checkbox"/>

## 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"/>	Trash pit/dump	<input type="checkbox"/>	Railroad bed	<input type="checkbox"/>
Cellar hole/cellar	<input type="checkbox"/>	Sheet midden	<input type="checkbox"/>	Earthworks	<input type="checkbox"/>
Hearth/chimney	<input type="checkbox"/>	Planting feature	<input type="checkbox"/>	Mill raceway	<input type="checkbox"/>
Postholes/molds	<input type="checkbox"/>	Road/walkway	<input type="checkbox"/>	Wheel pit	<input type="checkbox"/>
Paling ditch/fence	<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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Historic

Brief

Description:

Early 19th-early 20th century farmstead

Unknown

## External Samples/Data:

Collection curated at Property owner

Additional raw data may be available online

## Summary Description:

Windlass Site 1 (18BA517) is an early 19th to early 20th century farmstead. Prehistoric artifacts may represent short-term site utilization during an undetermined time period. It is located near the town of Middle River in Baltimore County, Maryland. The site is situated in a plowed agricultural field at Middle River Neck Middle River Neck on a terrace that slopes gently towards Windlass Run. The soils are consistent with the mapped Sassafras series (0-5% slope), although the strata are deeper than expected, perhaps reflecting alluvium. An example of the soil strata is brown (10YR 4/3) sand overlying yellowish brown (10YR 5/6) sand. Based on archeological testing, the site was determined to encompass approximately 1.22 hectares (3.01 acres).

Archival research did not yield an ownership history of the land tract the site sits on. The site was identified in close proximity to the location of structures depicted on an 1857 atlas and an 1877 atlas. However, it is unclear if the names on those maps actually refer to property owners; the names could not be traced in any census records for Baltimore County between 1790 and 1930.

Phase I and II archival and archeological investigations were undertaken at the proposed Windlass Run sanitary extension from June to August 2004. The proposed sewer extension occupied a corridor that measured 12.2 meters wide by 1,538.1 meters in length on Middle River Neck. The project area consisted of wooded areas and a small area of plowed agricultural fields. The main objective of the study was to identify and evaluate all archeological resources located within the proposed project area. Specific goals were 1) to locate, identify, and delineate all archeological resources; 2) to review those results in light of specific historic contexts; 3) to evaluate the potential significance of those resources; and 4) to establish impacts and mitigation needs for any significant sites or components. Other objectives related to the Phase II evaluation of Site 18BA517 were to determine the nature, age, and function of the resource, the horizontal and vertical boundaries of the resource, and the site's integrity, and thus eligibility for listing to the National Register of Historic Places.

The Phase I investigations in the project area entailed the excavation of 106 shovel test pits (STPs) and surface collection. Site 18BA517 was identified through the excavation of 12 STPs in the northern portion of the project area. A total of 92 artifacts were recovered from the site during the Phase I testing. Architectural materials (n=48) included 19 brick fragments, 23 window glass shards, 4 other flat glass fragments, 1 indeterminate nail, and 1 mortar fragment. Kitchen-related items included 18 bottle glass fragments, 1 table glass fragments, 1 piece of milk glass, 21 ceramic sherds (13 whiteware, 1 refined white earthenware, 5 late porcelain, 1 Rockingham/Bennington sherd, 1 pearlware sherd), and 1 animal bone. The only miscellaneous items were 2 indeterminate glass fragments.

Phase II investigations consisted of a timed surface collection of 122 blocks, each measuring 10 m<sup>2</sup>, and the excavation of 141 STPs at 5 m intervals in areas of artifact concentrations, of thirteen 1x10 m strip trenches, and of 4 STPs at 15 meter intervals west of the agricultural field (9 STPs were not excavated due to their position on a slope or in wetland). Buried Ap horizons were noted in trenches and STPs located at the western edge of the site. Feature 3-01 was encountered in Trench 3 in the north-central portion of the site. It consisted of a roughly rectangular, filled cellar pit that was surrounded by a fieldstone foundation. The cellar hole measured 5 x 6.7 meters and the foundation wall was 30 cm thick.

Two strata made up the feature fill, and both contained cultural material. There were no significant differences between the diagnostic artifacts collected from the individual strata. A variety of domestic and architectural materials were collected from the feature fill. Large amounts of brick and asbestos roofing tile were noted but not collected. The temporally diagnostic artifacts recovered from the fill indicated that the feature was infilled during the mid-20th century. A possible builder's trench encountered on the outside of the stone foundation had a stoneware sherd diagnostic of 1840 and later protruding from the trench surface. This may have indicated a possible construction date for the feature.

In all, 2,765 historic artifacts were recorded in the Phase II Artifact Inventory in the site report. A total of 52.5 % of the assemblage was recovered from plowzone contexts including the surface of the active agricultural fields, 35.5 % of the material came from the Ap horizon, and less than 1% come from the buried Ap horizon. The remaining artifacts were recovered from Feature 3-01 fill (n=313), the fill of a soil stain (N=6), and the builder's trench (n=1). A small number of activity-related artifacts (n=18) were recovered. There was 1 porcelain doll part, 10 pieces of lamp/chimney glass, 2 light bulb glass shards, 1 flower pot sherd, 1 vacuum tube for a radio, 1 battery rod, 1 spark plug, and 1 aluminum container with an octagonal base. A total of 1,143 architectural materials were found. These consisted of 56 brick fragments, 1 cut nail, 1 wire nail, 12 unidentified nails, 977 pieces of window glass, 71 pieces of other flat glass, 2 pieces of mortar, 1 screw, 6 roofing shingles, and 16 fragments of asbestos siding or roofing. Only 6 clothing items were found including 5 porcelain (Prosser) buttons and 1 metal shoe part. The only furniture item identified was a porcelain drawer or cabinet knob. The largest group of materials collected from the site was the kitchen-related group with 1,482 artifacts. There were 742 pieces of bottle glass, 40 pieces of milk glass, 32 shards of table glass, and 642 ceramic sherds (48 refined white earthenware, 50 redware, 2 buff-bodied earthenware, 5 unidentified earthenware, 5 creamware, 24 pearlware, 30 porcelain, 38 late porcelain, 3 transitional pearlware/whiteware, 1 Buckley, 3 Rockingham/Bennington, 32 ironstone, 328 whiteware, 1 unidentified brown stoneware, 7 domestic brown stoneware, 37 domestic gray stoneware, 18 buff-bodied stoneware, 10 yellowware). Miscellaneous kitchen (n=26) materials included 1 spoon, 10 crown caps, 1 pull tab, 2 plastic bottle caps, 1 broken coffee pot, 4 milk glass lid liner fragments, 1 glass liner fragment, 1 clam, 2 oyster shells, and 3 animal bones. In all, 104 miscellaneous items were retained including 55 unidentified glass fragments, 3 pieces of melted glass, 24 pieces of unidentifiable iron, 7 other metal unidentifiable objects, 3 pieces of rubber, 2 pieces of plastic, 3 cut marble pieces (use unknown), 1 iron wire fragment, and 4 glass block pieces. A modest 5 personal items were retained including 3 broken perfume bottle pieces, 1 blue porcelain bead, and 1 broken animal figurine. Only 6 tobacco-related artifacts were found consisting of 3 white clay stem and 3 white clay bowl pieces.

Two distinct areas of historic artifact concentration were identified. Both loci were in the central portion of the site, with Locus 1 approximately 20 meters north and west of Locus 2. Both loci contained the highest densities of architectural materials and the majority of kitchen-related materials collected from the site. Locus 1 contained a predominance of kitchen-related materials over architectural materials. Both the nature of the assemblage and the presence of the foundation and cellar hole Feature 3-01 within the locus, suggested the likely location of a structure. Locus 2 contained a predominance of architectural materials, primarily window glass, over kitchen-related materials. It is unlikely that the window glass represented the presence of a structure. The artifacts from the Ap horizon of both loci were diagnostic of the late 19th and early 20th centuries. Locus 2 also yielded artifacts diagnostic of the late 18th and early 19th centuries. Only 1 such artifact was recovered from Locus 1. Seven strip trenches were excavated in Locus 2 in order to identify any cultural features associated with the earliest artifacts found at the site. No cultural features were encountered. It was postulated that the limited number of late 18th and early 19th century artifacts may have actually represented a collection of heirloom materials rather than an early occupation phase.

A total of 14 prehistoric artifacts were also recovered during the archeological testing. Five of the artifacts were recovered from the Ap horizon and the



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Prehistoric Other name(s) Historic Brief  
Description:

Early 19th-early 20th century farmstead

Unknown 

remaining 9 derived from plowed surfaces. There were 12 pieces of debitage including core reduction flakes (8 quartz, 3 quartzite, 1 rhyolite), one of which was described as modified through the removal of 3 flakes from the ventral surface. There were also 2 bifaces in the assemblage. The quartz sample was a middle stage biface and the rhyolite sample was an undiagnostic point fragment. None of the artifacts were diagnostic therefore no date for the materials was possible. In general, the high average flake weight and the high cortical percentage present on the flakes suggested perhaps that early stage lithic reduction was a prominent early activity at the site. It appeared that historic plowing had eliminated any vertical integrity of the prehistoric component. The distribution indicated that all but 1 flake were recovered from a 40x80 meter area in the south-central portion of the site, where the activity was oriented towards a wetland around a small feeder drainage of Windlass Run.

Windlass Site 1 (18BA517) is an early 19th to early 20th century farmstead. Prehistoric artifacts may represent short-term site utilization during an undetermined time period. Historic period modification of the site has been confined to plowing. The majority of the historical artifacts were recovered from the Ap horizon. Only the fill of cellar and foundation Feature 3-01 indicated there was any vertical integrity at the site. Two loci of artifacts concentrations were identified. The diversity of architectural materials and the presence of the foundation and cellar feature indicated that a structure had been present within Locus 1. Locus 2, located south and east of Locus 1, was determined to be the possible location of a refuse disposal area. No other discrete activity zones could be identified at the site. Within the historical component, no vertical integrity was evident for cultural deposits beyond the foundation around the filled cellar. The prehistoric component also lacked evidence for vertical integrity, and this, along with the low density of materials recovered and the absence of temporally diagnostic artifacts, indicated that it could not be placed within a cultural or temporal framework. Therefore, neither the historic nor the prehistoric components of the site were determined eligible for nomination to the National Register of Historic Places. No further work is recommended at the site.

## External Reference Codes (Library ID Numbers):

97002184