



Phase II and Phase III Archaeological Database and Inventory

Site Number: 18BA538

Site Name: AVW/ Area 5/ Site 4

Prehistoric

Other name(s)

Historic

Unknown

Brief Description:

Mid 18th to early 19th century domestic artifact concentration

Site Location and Environmental Data:

Maryland Archaeological Research Unit No. 7

SCS soil & sediment code

Latitude 39.3498

Longitude -76.4098

Physiographic province Western Shore Coastal

Terrestrial site

Underwater site

Elevation m

Site slope 0-6%

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

Minimum distance to water is 305 m

Freshwater

Stream/river

Swamp

Lake or pond

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

Y

ca. 1630 - 1675

ca. 1860 - 1900

ca. 1675 - 1720

ca. 1900 - 1930

ca. 1720 - 1780

Y

Post 1930

ca. 1780 - 1820

Y

Unknown historic context

Unknown context

Ethnic Associations (historic only)

Native American

Asian American

African American

Unknown

Anglo-American

Other

Hispanic

Y

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

Earthenware		Ironstone		Staffordshire		Stoneware	
Astbury	<input type="checkbox"/>	Jackfield	1	Tin Glazed	<input type="checkbox"/>	English Brown	<input type="checkbox"/>
Borderware	<input type="checkbox"/>	Mn Mottled	<input type="checkbox"/>	Whiteware	1	Eng Dry-bodied	<input type="checkbox"/>
Buckley	<input type="checkbox"/>	North Devon	<input type="checkbox"/>	Porcelain	<input type="checkbox"/>	Nottingham	<input type="checkbox"/>
Creamware	17	Pearlware	1			Rhenish	<input type="checkbox"/>
						Wt Salt-glazed	5

All quantities exact or estimated minimal counts

Other Artifact & Feature Types:

Prehistoric Artifacts		Other fired clay	
Flaked stone	<input type="checkbox"/>	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

Jasper	<input type="checkbox"/>	Fer quartzite	<input type="checkbox"/>	Sil sandstone	<input type="checkbox"/>
Chert	<input type="checkbox"/>	Chalcedony	<input type="checkbox"/>	European flint	<input type="checkbox"/>
Rhyolite	<input type="checkbox"/>	Ironstone	<input type="checkbox"/>	Basalt	<input type="checkbox"/>
Quartz	<input type="checkbox"/>	Argilite	<input type="checkbox"/>	Unknown	<input type="checkbox"/>
Quartzite	<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)	48	Activity item(s)	<input type="checkbox"/>
Glass (all)	16	Human remain(s)	<input type="checkbox"/>
Architectural	13	Faunal material	<input type="checkbox"/>
Furniture	<input type="checkbox"/>	Misc. kitchen	4
Arms	<input type="checkbox"/>	Floral material	<input type="checkbox"/>
Clothing	<input type="checkbox"/>	Misc.	4
Personal items	<input type="checkbox"/>	Other <input checked="" type="checkbox"/> fuel (coal?)	<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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External Samples/Data:

Collection curated at MAC

Additional raw data may be available online

Summary Description:

Site 18BA538, also known as AVW/Area 5/Site 4, is a mid 18th to early 19th century domestic artifact concentration located near the Middle River area of Baltimore County. The site is situated on a hilltop surrounded by lower-lying upland terrain east of Windlass Run. At least two unnamed tributaries of Saltpeter Creek are to the east of the site. The site area consists of wooded land composed primarily of deciduous trees, vines, and thickets. The dominant vegetative species include several hardwood and coniferous species, including red oak and other oak varieties, yellow poplar, sycamore, red maple, sweetgum, black cherry, beech, sassafras, Virginia pine, loblolly, American holly, and cedar. An ATV track runs in a northwest direction along the eastern edge of the site. An extension of the track also runs in an east-west direction through the center of the site. Soils at the site are primarily Woodstown sandy loams.

Archival research into the ownership of 18BA538 failed to reveal a clear chain-of-title for the individuals connected to the site. Historic maps from the second half of the 19th century also do not help in pinpointing any individuals related to the site.

The site was first identified in 2005 during the course of a Phase I archeological survey of the site and surrounding areas. The work was carried out on a 1,000 acre property (which included the site) slated for development of a new business campus. Construction of the business campus was contingent upon receipt of a wetlands permit through the US Army Corps of Engineers and the Maryland Department of the Environment. Thus, the survey was required under Section 106 of the National Historic Preservation Act of 1966 (as amended).

The site was identified based on the presence of 16 artifacts recovered from 5 shovel test pits (STPs) excavated during Phase I work. The STPs were placed at 15.24 X 15.24 m (50 X 50 ft) intervals and were excavated according to natural stratigraphy. Radials were placed around positive isolated shovel tests at 7.62 m (25 ft) intervals in order to determine site boundaries. All soils were screened through hardware cloth. Artifact recovery appeared to be confined to disturbed plowzone soils and no intact cultural features were identified.

The Phase I assemblage consisted of a fragment of window pane, 2 undecorated creamware sherds, 1 redware sherd, 4 white salt-glazed stoneware sherd (2 scratch blue), and 7 olive green bottle glass fragments, and 1 brown bottle glass fragment. Based on these findings, 18BA538 was classified as an artifact scatter associated with an early 18th through early 19th century domestic occupation. The site was thought to mark the location of domestic dumping, or a tenant farmer residence. The site was recommended for Phase II testing, which was carried out immediately.

Phase II work in 2005 at 18BA538 established a grid composed of shovel tests spaced apart at 15.24 m, 7.62 m, and 3.81 m (50, 25, and 12.5 ft) intervals. All shovel test locations were excavated manually, using spade shovels and trowels. The STPs were also excavated stratigraphically in order to maintain vertical control over the artifacts recovered and soils were screened through hardware cloth. A soil profile was prepared for each shovel test location excavated. Soils were described by texture and color and data was recorded on standardized forms. A total of 36 shovel tests were excavated within the site area.

The material recovery resulting from the STP work was plotted on a field map in order to display the distribution of artifacts. The site was estimated to have a dimension of 30.5 m (100 ft) east-west and 22.9 m (75 ft) north-south. Based on the nature and density of artifacts recovered within the site area during both Phase I and Phase II shovel testing, two 91 cm (3 ft) test units were excavated. One was placed in the eastern half of the site area, in the location of the highest artifact concentrations during Phase II. The other test unit was located in the western portion of the site where high artifact concentration was identified during Phase I work. Test units were excavated manually, using flat shovels and trowels. These units were also excavated stratigraphically in order to maintain control over the vertical provenience of artifacts recovered. Selected strata in excess of 7.62 cm (3 in) were further excavated by arbitrary levels. All excavated, non-feature soils were dry-screened in the field using hardware mesh. A standardized form was also used to record soil characteristics, stratum depths, and recovered materials. A scaled profile of one wall was drawn for each unit and the profile was also recorded using black and white photography.

Both test units produced artifact, but only 9 of the 36 shovel tests yielded cultural materials. A total of 74 artifacts were recovered during Phase II work at 18BA538. By quantity, the artifact recovery consisted of the following broad temporal affiliations: 71 historic artifacts and 3 modern items. The 3 modern items are included in the tally above as "Miscellaneous objects".

The historic collection was composed of several functional artifact groups. The assemblage consisted of 12 architectural artifacts (11 brick fragments and 1 machine-cut nail), 52 kitchen-related artifacts (41 ceramic sherds, 7 container glass fragments, 3 oyster shells, and 1 calcined animal bone), 1 kaolin tobacco pipe bowl, and 4 miscellaneous objects (a piece of iron and 3 pieces of charcoal). The ceramic assemblage included 1 Jackfield, 15 creamware, 1 pearlware, 1 whiteware, 5 redware, 1 white salt-glazed stoneware, 7 miscellaneous stoneware, and 10 other ceramic sherds. Artifact recovery was confined to organic strata overlying subsoil. These strata were classified as exposed and buried plowzones.

No cultural features were identified.

In summary, the historic assemblage from 18BA538 suggests a small, short-term, domestic occupation. This view was supported by the limited recovery of domestic and architectural materials. The residence was likely occupied between 1790 and 1840, based on the presence of creamware, pearlware, whiteware, Jackfield, and Albany-slip stoneware. Those occupying the site area were likely tenant farmers or care-takers based on the paucity of artifacts. The research potential of the site is dramatically reduced by a lack of soils with good stratigraphic integrity, minor and displaced artifact recovery, and an absence of intact cultural features. The site should not be considered a significant archeological resource.

External Reference Codes (Library ID Numbers):

97002573, Site Files