



Phase II and Phase III Archaeological Database and Inventory

Site Number: 18DO201

Site Name: Handley V

Prehistoric

Other name(s)

Historic

Brief Description:

Late Archaic & Woodland camp & mid-18th to late 19th century house site

Unknown

Site Location and Environmental Data:

Maryland Archaeological Research Unit No. 3

SCS soil & sediment code

Latitude 38.5203

Longitude -75.8553

Physiographic province Eastern Shore Coastal P

Terrestrial site

Underwater site

Elevation 6 m

Site slope 0

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) Unnamed trib. of Chicone

- | Saltwater | | Freshwater | |
|--|--|--|--------------------------------|
| Ocean <input type="checkbox"/> | Estuary/tidal river <input type="checkbox"/> | Stream/river <input type="checkbox"/> | Swamp <input type="checkbox"/> |
| Tidewater/marsh <input type="checkbox"/> | Lake or pond <input type="checkbox"/> | Spring <input checked="" type="checkbox"/> | |
| Minimum distance to water is 0 m | | | |

Temporal & Ethnic Contextual Data:

- Paleoindian site
- Archaic site
- Early archaic
- Middle archaic
- Late archaic
- Unknown prehistoric context
- Woodland site
- MD Adena
- Early woodland
- Mid. woodland
- Late woodland

- Contact period site
- ca. 1820 - 1860
- ca. 1630 - 1675
- ca. 1675 - 1720
- ca. 1720 - 1780
- ca. 1780 - 1820
- Unknown historic context
- Unknown context
- ca. 1860 - 1900
- ca. 1900 - 1930
- Post 1930

Ethnic Associations (historic only)

- Native American
- African American
- Anglo-American
- Hispanic
- Asian American
- Unknown
- Other

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

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 Y

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	19	Staffordshire	<input type="checkbox"/>	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	10	Eng Dry-bodied	<input type="checkbox"/>
Buckley	<input type="checkbox"/>	North Devon	<input type="checkbox"/>	Porcelain	9	Nottingham	<input type="checkbox"/>
Creamware	64	Pearlware	20			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	15	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	4	Oyster shell	<input type="checkbox"/>
Other lithics (all)	<input type="checkbox"/>	Floral material	<input type="checkbox"/>
Ceramics (all)	2	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 checked="" 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 type="checkbox"/>	Argilite	<input checked="" 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)	200	Activity item(s)	3
Glass (all)	81	Human remain(s)	<input type="checkbox"/>
Architectural	133	Faunal material	<input type="checkbox"/>
Furniture	1	Misc. kitchen	107
Arms	<input type="checkbox"/>	Floral material	<input type="checkbox"/>
Clothing	1	Misc.	37
Personal items	<input type="checkbox"/>	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"/>	Well/cistern	<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 checked="" type="checkbox"/>	Planting feature	<input checked="" 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

Additional raw data may be available online

Summary Description:

The Handley V Site (18DO201) represents an early 18th to mid-19th century farmstead. It also has a small prehistoric component, possibly a specialized procurement camp with activities related to hunting and tool kit maintenance. It is located near Vienna in rural Dorchester County. The site is situated on an interior flat away from any sources of surface water although it is close to intermittent fresh water creeks that drain east into Chicone Creek. Soils at the site are primarily Pone mucky sandy loams. The maximum dimensions of the site are 120 m long X 30 m wide.

The initial Phase I survey during which time the site was first identified was carried out in the summer of 1993 for the Delmarva Power & Light Company. Survey was conducted ahead of proposed construction of a new coal fired power plant and associated structures and rights-of-way scheduled for start-up in the year 2000. The total project area covered 1,100 acres of 3 large contiguous parcels of land that form a roughly Y-shaped configuration, but that are historically unrelated, each having its own developmental history. The Handley Tract (Parcel A) is an irregularly shaped parcel of about 300 acres situated in the northeastern corner of the project area. It is located on the south side of Maiden Forest Road and the west side of Maiden Branch Road. The Handley Tract consists of all or part of 7 historic tracts of land laid out in the 18th century. Between 1858 and 1902 the Handley Tract/Parcel A was consolidated by Thomas W. Smith. Smith's residence is shown on the 1877 Vienna Election District map. After Smith's death, the property went through a number of hands until 1968 when J. F. Handley purchased the property with R. W. Lowery whose share Handley later acquired. Currently, the Handley Tract includes 4 large agricultural tracts and a wood lot that is located at the extreme north end of the project area.

Phase I work included field survey and an architectural survey of all historic structures located within 8 km (5 miles) of the proposed power plant. The architectural survey consisted of a drive-by or reconnaissance level survey. Each building was surveyed by car only from the public road on which the building was located. The study area is located less than 1.6 km (1 mile) north of US Route 50. Historically, it appears that some of the properties associated with the project area may have originally been oriented to this road. Archeological survey was restricted to those portions of the survey area that were evaluated as having high potential for containing archeological sites and that had the potential of being directly affected by the plant construction and/or operations. Background research revealed that no previous investigations had been performed within the proposed project area or the proposed rights-of-way.

Phase I archeological survey across the project area consisted of surface collection, systematic shovel testing, and excavation. Testing in high potential areas was conducted at 10 m intervals and areas of moderate potential were tested at 20 m intervals. Areas with a low potential for containing cultural resources were surveyed at intervals ranging from 30 to 40 meters. Find spots and artifact scatters were mapped and collected, and areas determined to be sites or potential sites were collected using controlled surface collection procedures. Grids were established and artifacts were collected using 1 m transect intervals. Collection units of 20 X 20 m were established and assigned a general locus number. Then artifacts were collected and provenienced to the appropriate collection unit. At historic sites with brick rubble, the bricks were counted in the field but not collected. All other artifacts from the site were collected.

During the Phase I survey, the Handley V Site (18DO201) the initially identified during controlled surface collecting at 20 m intervals, reduced to 10 m intervals after the site was discovered. There was a notable artifact concentration of architectural debris in the northern half of the site adjacent to Maiden Branch Road. Therefore, the northern and southern portions of the site were collected separately. The maximum period of occupation as indicated by the assemblage ranges from AD 1720 through AD 1840.

There were 70 historic artifacts. There were 11 architectural items (8 brick fragments, 1 window glass shard, 1 ceramic plumbing pipe, and 1 bolt). The single furniture item was porcelain fitting for a window shade pull. There were 54 kitchen-related items (4 fragments of bottle glass, 1 table glass fragment, 11 white-bodied earthenware, 8 red-bodied earthenware, 15 creamware, 8 pearlware, and 3 porcelain sherds, 3 salt-glazed gray stoneware sherds, and 1 yellowware sherd). One miscellaneous object was a piece of slag. The tobacco-related group had 1 pipe stem fragment and 2 pipe bowl fragments.

A total of 4 prehistoric artifacts were collected during the Phase I study. This included 1 quartz flake, 1 ceramic sherd possibly dated to the Woodland period, and 2 fire-cracked rocks.

Phase II testing of the site started after the site area was plowed and disked. The site was then gridded out into 10 m x 10 m blocks and surface collected at 1 m transect intervals. 137 such blocks were collected. Surface collection was followed up by the excavation of 112 shovel test pits placed at 10 m intervals across the site. Shovel testing was undertaken in order to check the validity of surface artifact densities and distributions, to assess site stratigraphy, and to recover soil samples for chemical analysis. Additional subsurface investigations consisted of the excavation of 6 machine-stripped trenches to obtain horizontal exposure of 200 square meters. Trench floors were cleaned by hand and located features were mapped, photographed, and tested. All hand-excavated soil matrices were screened through 1/4" mesh hardware cloth, and all tests were backfilled after recordation.

Soil samples were taken from across the site during the Phase II testing for chemical analysis. The results of the soil chemical analyses were problematical. High density areas of calcium occurred in five separate areas, three of which were not even in the defined "core area" of the site. Potash distribution was also anomalous with one high density area located some 40 m west of the main artifact concentration. Finally, potassium also exhibited a lack of patterning. It is believed that distributions of high density chemical concentrations may be the result of post-abandonment disturbance, deflation of the site area, and modern or recent farming activities.

Phase II testing resulted in the identification of 21 features located in 5 of the 6 trenches stripped at the site. All features were cross-sectioned to determine function, depth, stratigraphy, and integrity. Fifteen of the features turned out to be non-cultural in origin, and Feature 16, a large tree mold, contained a small quantity of artifacts, including creamware, whiteware, redware, and three wire nails. Based on an informant interview, it was learned that until recently an orchard had been located in the site area. All of the six features which were identified as being of cultural origin were located in Trench 1. These included five circular fence posts ranging from 10-25 cm in depth (Features 13, 18, 19, 20, and 21). Feature 17, which was 1.5 m long x 80 cm wide and approximately 10 cm deep, is believed to represent the remains of some sort of planting bed.

A total of 524 historic artifacts are stated in the report's text as having been recovered during the Phase II study. However, a tally of the artifact inventory in Appendix 5.1 in the report lists 488 historic items and this is the total used here. The most significant difference is with the tobacco related items. The text states that there were 14 tobacco items; however, only 2 tobacco items were listed in the inventory. Another disparity is with the ceramics. The text states that there were 165 sherds but only 151 are listed in the inventory in the appendix.



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Activity-related items included 1 piece of chimney lamp glass, 1 piece of non-electrical wire, and 1 fragment of a plow blade. There were 122 architectural items (110 brick fragments, 1 cut nail, 1 Rosehead nail, 2 unidentified nails, 6 shards of window glass, 1 piece of mortar, and 1 iron handle or pull). There was 1 metal button in the clothing category. There were 324 kitchen-related items (31 glass bottle and jar fragments, 14 pieces of table glass, 2 milk glass vessel fragments, 2 shards of 'flat, pale blue glass' that may be either table glass or bottle glass, 16 fragments of 'curved clear body glass' that may be either table glass or bottle glass, 1 fragment of a blown-in-the-mold bottle, 13 white-bodied earthenware sherds, 1 buff-bodied stoneware sherd with an Albany-like slip, 49 creamware, 12 pearlware, and 6 porcelain sherds, 19 pieces of ironstone, 8 gray salt-glazed stoneware, and 1 brown salt-glazed stoneware sherds, 1 other stoneware sherd, 10 whiteware sherds, 3 yellowware sherds, and 27 redware sherds, 1 animal bone fragment, 100 oyster shell fragments, 2 snail shells, and 2 clam shell fragments). There were 36 miscellaneous items (3 pieces of melted glass, 9 unidentifiable iron fragments, 7 unidentified metal fragments, 1 piece of plastic, 8 coal fragments, 1 piece of charcoal, 6 pieces of slag, and 1 sandstone fragment). There were 2 tobacco-related items including 1 pipe stem fragment and 1 pipe bowl fragment.

A total of 17 prehistoric artifacts were recovered during the Phase II study. There were 8 pieces of debitage including quartz and jasper flakes and quartz shatter. There were 5 bifacial tools including 1 biface 'reject', 1 jasper point fragment, 1 argillite point tip, 1 rhyolite stemmed base fragment, and 1 quartz stemmed base fragment. There were 3 fire-cracked rocks. There was 1 sherd of an unidentified ceramic.

The Handley V Site (18DO201), which represents the archeological remains of an early 18th to mid-19th century farmstead, lacks appreciable research potential and has been severely compromised in terms of physical integrity. The nature of the few cultural features encountered at the site suggests that the site is seriously deflated as a result of erosion, and that the archeological deposits lack integrity. The failure of the testing to locate any evidence for structural remains indicates that the deflation has been severe, and/or that the structure(s), which was indicated by the concentration of architectural debris, was very impermanent and shallow. Site 18DO201 does not represent a significant cultural resource.

External Reference Codes (Library ID Numbers):

00000392, 00000209