



Phase II and Phase III Archaeological Database and Inventory

Site Number: 18BA78

Site Name: Holly Neck West

Prehistoric

Other name(s): Breezy Point

Historic

Unknown

Brief Description:

Archaic lithic scatter; Late 17th through late 18th century pipe kiln, 17th-20th century domestic site

Site Location and Environmental Data:

Maryland Archaeological Research Unit No. 7

SCS soil & sediment code

Latitude 39.2884

Longitude -76.3823

Physiographic province Western Shore Coastal

Terrestrial site

Underwater site

Elevation 6 m

Site slope 0-5%

Ethnobotany profile available Maritime site

Nearest Surface Water

Name (if any) Chesapeake Bay

Saltwater

Ocean

Estuary/tidal river

Tidewater/marsh

Freshwater

Stream/river

Swamp

Lake or pond

Spring

Minimum distance to water is 488 m

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

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
- 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 pipe kiln
- 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 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"/>	Susquehanna	<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	4	Staffordshire	<input type="checkbox"/>	Stoneware	
Astbury	<input type="checkbox"/>	Jackfield	<input type="checkbox"/>	Tin Glazed	1	English Brown	1
Borderware	<input type="checkbox"/>	Mn Mottled	<input type="checkbox"/>	Whiteware	2	Eng Dry-bodied	<input type="checkbox"/>
Buckley	<input type="checkbox"/>	North Devon	<input type="checkbox"/>	Porcelain		Nottingham	<input type="checkbox"/>
Creamware	1	Pearlware	8		2	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	18	Human remain(s)	<input type="checkbox"/>
Ground stone	1	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)	<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 checked="" type="checkbox"/>	Argilite	<input type="checkbox"/>
Quartz	<input checked="" type="checkbox"/>	Steatite	<input type="checkbox"/>
Quartzite	<input checked="" type="checkbox"/>	Sandstone	<input type="checkbox"/>

Dated features present at site

Historic Artifacts		Tobacco related	
Pottery (all)	38	Activity item(s)	109
Glass (all)	30	Human remain(s)	<input type="checkbox"/>
Architectural	12	Faunal material	<input checked="" type="checkbox"/>
Furniture	<input type="checkbox"/>	Misc. kitchen	21
Arms	1	Floral material	<input type="checkbox"/>
Clothing	<input type="checkbox"/>	Misc.	5
Personal items	<input type="checkbox"/>	Other	<input checked="" type="checkbox"/> kiln furniture

Historic Features

Privy/outhouse	<input type="checkbox"/>	Depression/mound	<input type="checkbox"/>	Unknown	<input type="checkbox"/>
Const feature	<input type="checkbox"/>	Well/cistern	<input type="checkbox"/>	Burial(s)	<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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External Samples/Data:

Collection curated at

Additional raw data may be available online

Summary Description:

The Holly Neck West Site (18BA78) is comprised of a lithic scatter, a 17th to 20th century domestic site, and possibly a late 17th to late 18th century pipe kiln. The site is located west of the west bank of the Chesapeake Bay, in Baltimore County, Maryland. It is situated in a cultivated field, with a wooded area to the southwest, and local roads to the north and east. Soils in the site area are moderately well-drained Mattapex silt loam, 2-5% slope.

In 1971, the site was visited by archeologists from the Maryland Geological Survey (now the Maryland Historical Trust) and was given its site number 18BA78. At that time the site was described as consisting of a dark soil stain with abundant pipe stems near the center of the field. It was interpreted to possibly represent a dump. Surface collected materials from the site in the collection of an avocational archeologist were examined. The artifacts were not inventoried on the site form. However, a photo in the site file depicts 3 pipe stem and 4 pipe bowl fragments (recorded as 7 activity items in the table above) along with 2 unidentifiable objects (not recorded in the table above). The pipes were recorded as activity items in the table above because of the possibility that pipe making occurred at the site and due to the relatively large numbers of pipe fragments present at the site.

In 1980, the site was revisited by personnel from the Baltimore County Office of Planning and Zoning during a walk-over survey of the general area. The purpose of the survey was to re-identify previously known sites in Baltimore County. Numerous kaolin pipe stem fragments were collected from the south end of the field and rhyolite flakes were collected from the northern portion of the site. There was no report quantifying the material, only a summary of finds that was placed in the site file. Therefore, minimum estimates of 20 pipe fragments and 5 flakes stone items were recorded in the table above. Again, the pipes were recorded as activity items in the table above because of the possibility that pipe making occurred at the site and due to the relatively large numbers of pipe fragments present at the site.

Archeological investigations were conducted in 2002 at the proposed Holly Neck Development site. The development area consisted of a discontinuous parcel of land, the majority of which was in active agricultural land with inclusions of wooded areas. The study was undertaken in order to document the presence and extent of cultural resources within the Study Area, provide an assessment of their significance and National Register of Historic Places eligibility, and develop appropriate recommendations for their management. The study also included an evaluation of standing structures, although this portion of the work was not relevant to Site 18BA78. The project area was divided in Areas A-I, which were in turn sub-divided into smaller numbered segments (i.e. A1, A2).

Area A1 was the location of Site 18BA78. The site was recorded as a scatter of pipe stems, very small pipe bowls, and rhyolite flakes in the plowed field behind a 19th century dwelling. Four shovel test pits and two 1x1 meter test units were excavated at the site in order to supplement the surface survey. The 2 test units were excavated within the concentration of pipe fragments. A variety of 17th through 20th century artifacts was recovered from the units. The site boundaries were determined to be approximately 60.96 x 121.92 meters (200 x 400 ft) and possibly encroached in Area A3.

In all, 185 historic period artifacts were collected from the site. The pipe fragments recovered from the site were recorded as activity items because they are believed to have derived from a manufacturing context. There were 9 pieces of kiln furniture (prism), 13 pipe bowl fragments, and 60 clay pipe stem pieces in the assemblage. Twelve architectural items were retained including a minimum estimate of 5 brick fragments (699 g) brick fragments, 4 window glass shards, and 3 unidentified nails. Kitchen-related materials included 26 bottle glass fragments, 38 ceramic sherds (1 creamware, 4 ironstone, 2 porcelain, 1 tin-enameled earthenware, 5 white salt-glazed stoneware, 8 pearlware, 2 whiteware, 1 refined white earthenware, 4 redware, 1 imported brown stoneware, 1 imported gray stoneware, 6 domestic gray stoneware, 1 other stoneware, 1 buff-bodied earthenware), and 21 miscellaneous kitchen items (6 animal bone fragments and 15 oyster shell fragments). The artifacts from the miscellaneous group of materials a minimum estimate of 5 pieces of coal which weighed 260 grams. A single arms-related artifact was found, an English/gray gunflint.

A total of 18 prehistoric artifacts were retained. There were 11 pieces of debitage (7 quartzite, 2 chert, 2 quartz), 1 quartzite point (suggested to possibly be dated to the Archaic), and 1 quartzite tool. The only groundstone object found was a possible hand ax. There were also 4 fire-cracked rock fragments in the assemblage.

Based on the Phase I and preliminary Phase II findings, the Holly Neck West Site (18BA78) was recommended eligible for listing to the national Register of Historic Places. The evaluation was based on the early date of the artifact assemblage and its relative density, as well as its unusual nature of possibly representing a pipe kiln. The kiln furniture and pipe fragments may indicate this was the location of a late 17th -late 18th century pipe kiln. Based on bore diameters, suggested dates for the pipe stems were 1680-1710, 1710-1750, and 1750-1800. The prehistoric assemblage may represent limited occupation, possibly during the Archaic period, in the site area. According to recent aerial images, the site area has not been developed. If future earth-moving activities are planned, then additional Phase II testing at the site is recommended.

External Reference Codes (Library ID Numbers):

97002351, Site Files