



Phase II and Phase III Archaeological Database and Inventory

Site Number: 18CV320

Site Name: Waterside Farms

Prehistoric

Other name(s)

Historic

Unknown

Brief Description:

prehistoric shell midden

Site Location and Environmental Data:

Maryland Archaeological Research Unit No. 9

SCS soil & sediment code: OtA

Latitude: 38.4979

Longitude: -76.6653

Physiographic province: Western Shore Coastal

Terrestrial site

Underwater site

Elevation: 3 m

Site slope: 0

Ethnobotany profile available Maritime site

Nearest Surface Water

Name (if any): Patuxent River

Saltwater

Ocean

Estuary/tidal river

Tidewater/marsh

Minimum distance to water is

Freshwater

Stream/river

Swamp

Lake or pond

Spring

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

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

shell scatter

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

N

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	<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	14	Human remain(s)	<input type="checkbox"/>
Ground stone	<input type="checkbox"/>	Modified faunal	<input type="checkbox"/>
Stone bowls	<input type="checkbox"/>	Unmod faunal	50
Fire-cracked rock	1	Oyster shell	<input checked="" type="checkbox"/>
Other lithics (all)	<input type="checkbox"/>	Floral material	<input type="checkbox"/>
Ceramics (all)	4	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"/>	Chalcedony	<input type="checkbox"/>	European flint	<input type="checkbox"/>
Chert	<input type="checkbox"/>	Ironstone	<input type="checkbox"/>	Basalt	<input type="checkbox"/>
Rhyolite	<input type="checkbox"/>	Argilite	<input type="checkbox"/>	Unknown	<input type="checkbox"/>
Quartz	<input checked="" type="checkbox"/>	Steatite	<input type="checkbox"/>	Other	<input type="checkbox"/>
Quartzite	<input type="checkbox"/>	Sandstone	<input 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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Description:

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External Samples/Data:

Collection curated at

Additional raw data may be available online

Summary Description:

The Waterside Farms Site (18CV320) is a prehistoric shell midden along the Patuxent River west of Prince Frederick in Calvert County. The site is situated on a narrow peninsula that lies between the Patuxent River to the south and west and a tidal marsh to the north. At the time of the site's discovery, the surrounding landscape was wooded, with the predominant species being white oak, sweetgum, holly, wild cherry, locust, and white pine. Soils at the site are mapped as Othello silt loams, but are rather coarse and unusually well-drained for this designation.

Shell midden sites have been documented in the general vicinity of the site since the 19th century. A non-systematic survey of the Patuxent River made in the 1930s and 1940s by an avocational archeologist identified extensive shell middens just to the north of the site, so the presence of archeological materials in the area is well documented. A Phase I survey examined the property in the early 1990s and identified 5 artifact "loci" in the site location through systematic shovel testing. Shovel tests produced only non-diagnostic lithics.

The site was first recorded as 18CV320 in 1992, when Phase II testing was carried out on the 7.5 acre tract known as "Waterside Farms", which included the 5 aforementioned artifact loci. The tract was slated for residential development, to include the construction of two private residences, and the widening of a small existing dirt access road along a wetland that is adjacent to a tributary creek. A large part of the project would focus on extensive shoreline improvements along the shoreline of the entire property. These improvements would be undertaken in order to halt the severe erosion problems that existed along the shoreline of the Patuxent River and were to include the grading of banks, stone revetments and groins, sand fill, a wooden bulkhead, offshore breakwaters, and the planting of marsh grasses along the eroding shoreline. Phase II work was required due to the presence of the previously identified archeological loci and the requirement of a US Army Corps of Engineers Wetlands Permit as a prerequisite for the proposed shoreline work (in accordance with Section 106 of the NHPA).

The Phase II fieldwork employed a combination of 1 X 1 m stratigraphic test units, shovel test pits (STPs) and surface survey. STPs were used to test for the presence of additional cultural materials around each of the five loci and to determine the horizontal boundaries of these areas. Surface survey was conducted where recent ground disturbing activities exposed the ground surface in order to identify additional cultural material in these areas.

All stratigraphic test units were mapped using a transit. A site plan was produced based on the data obtained from this mapping. The locations of STPs were established using a compass. One profile and one plan view were drawn of each stratigraphic test unit. Profiles were drawn of each STP. The soil description from each layer or level was recorded in both the stratigraphic test units and the STPs, including both soil color and texture. All excavated materials were screened through hardware cloth to ensure complete artifact recovery. Three of the 5 original artifact loci were investigated with test units, 4 of 5 loci were investigated with shovel tests, and 2 loci were investigated with surface survey. Ultimately, 3 test units and 12 STPs were excavated at the site.

Two test units were excavated in the southern portion of the site, one near the shoreline and one set back from the shoreline approximately 46 m. Phase I testing near the shoreline in this area produced 2 flakes, a piece of shatter, and 29 oyster shells from a total of 8 STPs. Much of the shoreline area was found to have already been disturbed by ground-moving equipment. The shoreline test unit was placed in one of the few undisturbed areas and intact soils were encountered, but only a single chert flake was recovered. Two supplemental STPs were excavated 10 meters north and west of this unit. No artifacts were found in either shovel test. The unit further removed from the shoreline was in an area where Phase I work consisted of the excavation of 5 shovel tests. None of these had produced definitive artifacts, but they did reveal a slight concentration of oyster shells. The test unit as well as 3 STPs excavated during Phase II work revealed undisturbed stratigraphy. The test unit produced only oyster shell, but 2 of the 3 STPs yielded artifacts: an exhausted core and a tiny sherd of sand-tempered pottery.

The final test unit was situated roughly 135 m to the northwest of the other two units. Six STPs were excavated here during the Phase I survey, producing 4 flakes. The test unit revealed undisturbed soils and buried soil layers produced 3 quartz flakes and a ceramic sherd, as well as oyster shell. No artifacts were recovered from 3 STPs excavated around the test unit.

Shovel tests and surface collection in other areas of the site produced very little. Phase I work had only produced oyster shell and 2 "possible" flakes. Modern trash and debris, or oyster shell were the primary finds during Phase II, but a handful of additional prehistoric materials were recovered: 1 piece of fire-cracked rock and 2 sand-tempered sherds.

Phase II investigations at 18CV320 determined that some areas of the site contained intact, undisturbed deposits. However, the low densities of artifacts, along with the absence of features, indicates that this site is not likely to contribute to our knowledge of the prehistory of the area. Very little information can be obtained from the analysis of the artifacts found at site 18CV320.

External Reference Codes (Library ID Numbers):

00000271