



Phase II and Phase III Archaeological Database and Inventory

Site Number: 18HO278

Site Name: LPR #4

Prehistoric

Other name(s)

Historic

Brief Description:

Prehistoric lithic scatter, 19th-20th century artifact scatter

Unknown

Site Location and Environmental Data:

Maryland Archaeological Research Unit No. 13

SCS soil & sediment code Co

Latitude 39.1532

Longitude -76.8418

Physiographic province Eastern Piedmont

Terrestrial site

Underwater site

Elevation m

Site slope 0-3%

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) Little Patuxent River

- | Saltwater | | Freshwater | |
|--|--|--|--------------------------------|
| Ocean <input type="checkbox"/> | Estuary/tidal river <input type="checkbox"/> | Stream/river <input checked="" type="checkbox"/> | Swamp <input type="checkbox"/> |
| Tidewater/marsh <input type="checkbox"/> | Lake or pond <input type="checkbox"/> | Spring <input type="checkbox"/> | |

Minimum distance to water is 5 m

Temporal & Ethnic Contextual Data:

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

- Contact period site
- ca. 1820 - 1860
- ca. 1630 - 1675
- ca. 1675 - 1720
- ca. 1720 - 1780
- ca. 1780 - 1820
- Unknown historic context
- Unknown context
- ca. 1820 - 1860
- 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
 - 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			
Clovis	<input type="checkbox"/>	Koens-Crispin	<input type="checkbox"/>
Hardaway-Dalton	<input type="checkbox"/>	Perkiomen	<input type="checkbox"/>
Palmer	<input type="checkbox"/>	Susquehana	<input type="checkbox"/>
Kirk (notch)	<input type="checkbox"/>	Vernon	<input type="checkbox"/>
Kirk (stem)	<input type="checkbox"/>	Piscataway	<input type="checkbox"/>
Le Croy	<input type="checkbox"/>	Calvert	<input type="checkbox"/>
Morrow Mntn	<input type="checkbox"/>	Selby Bay	<input type="checkbox"/>
Guilford	<input type="checkbox"/>	Jacks Rf (notch)	<input type="checkbox"/>
Brewerton	<input type="checkbox"/>	Jacks Rf (pent)	<input type="checkbox"/>
Otter Creek	<input type="checkbox"/>	Madison/Potomac	<input type="checkbox"/>
		Levanna	<input type="checkbox"/>

Prehistoric Sherd Types			
Marcey Creek	<input type="checkbox"/>	Popes Creek	<input type="checkbox"/>
Dames Qtr	<input type="checkbox"/>	Coulbourn	<input type="checkbox"/>
Selden Island	<input type="checkbox"/>	Watson	<input type="checkbox"/>
Accokeek	<input type="checkbox"/>	Mockley	<input type="checkbox"/>
Wolfe Neck	<input type="checkbox"/>	Clemson Island	<input type="checkbox"/>
Vinette	<input type="checkbox"/>	Page	<input type="checkbox"/>
Shepard	<input type="checkbox"/>	Townsend	<input type="checkbox"/>
		Minguannan	<input type="checkbox"/>
		Sullivan Cove	<input type="checkbox"/>
		Shenks Ferry	<input type="checkbox"/>
		Moyaone	<input type="checkbox"/>
		Potomac Crk	<input type="checkbox"/>
		Keyser	<input type="checkbox"/>
		Yeocomico	<input type="checkbox"/>
		Monongahela	<input type="checkbox"/>
		Susquehannock	<input type="checkbox"/>

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

All quantities exact or estimated minimal counts

Other Artifact & Feature Types:

Prehistoric Artifacts			
Flaked stone	131	Other fired clay	<input type="checkbox"/>
Ground stone	<input type="checkbox"/>	Human remain(s)	<input type="checkbox"/>
Stone bowls	<input type="checkbox"/>	Modified faunal	<input type="checkbox"/>
Fire-cracked rock	11	Unmod faunal	<input type="checkbox"/>
Other lithics (all)	<input type="checkbox"/>	Oyster shell	<input type="checkbox"/>
Ceramics (all)	<input type="checkbox"/>	Floral material	<input type="checkbox"/>
Rimsherds	<input type="checkbox"/>	Uncommon Obj.	<input type="checkbox"/>
		Other <input type="checkbox"/>	<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 checked="" type="checkbox"/>	Fer quartzite	<input type="checkbox"/>
Chert	<input type="checkbox"/>	Sil sandstone	<input type="checkbox"/>
Rhyolite	<input checked="" type="checkbox"/>	Chalcedony	<input checked="" type="checkbox"/>
Quartz	<input checked="" type="checkbox"/>	European flint	<input type="checkbox"/>
Quartzite	<input type="checkbox"/>	Ironstone	<input type="checkbox"/>
		Basalt	<input type="checkbox"/>
		Argilite	<input type="checkbox"/>
		Unknown	<input type="checkbox"/>
		Other	<input type="checkbox"/>
		Sandstone	<input type="checkbox"/>

Dated features present at site

Historic Artifacts			
Pottery (all)	<input type="checkbox"/>	Tobacco related	<input type="checkbox"/>
Glass (all)	18	Activity item(s)	<input type="checkbox"/>
Architectural	<input type="checkbox"/>	Human remain(s)	<input type="checkbox"/>
Furniture	<input type="checkbox"/>	Faunal material	<input type="checkbox"/>
Arms	<input type="checkbox"/>	Misc. kitchen	<input type="checkbox"/>
Clothing	<input type="checkbox"/>	Floral material	<input type="checkbox"/>
Personal items	<input type="checkbox"/>	Misc.	11
		Other <input checked="" type="checkbox"/>	fuel slag

Historic Features			
Const feature	<input type="checkbox"/>	Privy/outhouse	<input type="checkbox"/>
Foundation	<input type="checkbox"/>	Well/cistern	<input type="checkbox"/>
Cellar hole/cellar	<input type="checkbox"/>	Trash pit/dump	<input type="checkbox"/>
Hearth/chimney	<input type="checkbox"/>	Sheet midden	<input type="checkbox"/>
Postholes/molds	<input type="checkbox"/>	Planting feature	<input type="checkbox"/>
Paling ditch/fence	<input type="checkbox"/>	Road/walkway	<input type="checkbox"/>
		Depression/mound	<input type="checkbox"/>
		Burial(s)	<input type="checkbox"/>
		Railroad bed	<input type="checkbox"/>
		Earthworks	<input type="checkbox"/>
		Mill raceway	<input type="checkbox"/>
		Wheel pit	<input type="checkbox"/>
		Unknown	<input type="checkbox"/>
		Other	<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 Howard Co. Dept. Parks & Rec.

Additional raw data may be available online

Summary Description:

Site 18HO278 is a prehistoric lithic scatter near Savage in Howard County. A 19th and 20th century artifacts scatter is also present. The site is situated on the eroded remnant of a high terrace flat overlooking the Little Patuxent River. Vegetation across the site contains older growth hardwood interspersed with previously cleared areas of dense, thorny undergrowth. Soils at the site are moderately well-drained Codorus-Hatboro silt loams.

The site was first identified in October of 2006 during a Phase I survey within the area of potential effect (APE) for the (then) proposed Little Patuxent Parallel Sewer Interceptor. This 45 foot wide APE extended over 10.4 miles between the Little Patuxent Water Reclamation Plant in Savage, MD and I-95 near Columbia. The sewer interceptor was subject to the regulations contained in Section 106 of the National Historic Preservation Act of 1966 and Sections 5-A325 and 5-A326 of the Annotated Code of Maryland because of the issuance of wetland permits by the US Army Corps of Engineers and the MD Department of the Environment.

Phase I work at 18HO278 in 2006 entailed the initial excavation of 3 shovel test pits (STPs) excavated at 15 m intervals along a central baseline through the sewer interceptor APE. Two 5 meter radials were then excavated around positive shovel tests. STPs measured 50 X 50 cm and extended to a depth of 1 m. All soils were screened through hardware cloth. Out of the five Phase I STPs, three were positive, yielding a total of 4 artifacts: 1 jasper flake tool and 3 quartz flakes.

Based on these results, a single 1 X 1 m test unit was excavated by 10 cm levels within natural stratigraphy. Again, all soils were screened through hardware cloth. The Phase I test unit produced 1 jasper corner-notched point, 3 quartz biface fragments, 1 utilized jasper flake, 28 quartz flakes, 18 jasper flakes, 1 chalcedony flake, 12 rhyolite flake, 3 pieces of quartz shatter, and 6 pieces of fire-cracked rock. Cultural deposits were encountered to a depth of 1 meter below the surface before encountering a sterile level approximately 20 cm above stream cobbles. Based on the findings of deeply buried cultural deposits and the possibility of identifying intact features and diagnostic artifacts, Phase II testing was recommended.

Phase II work was carried out at the site in 2007, again, as part of the larger sewer interceptor installation project. Phase II work entailed both close interval STP excavation as well as additional test unit investigation. Ten STPs were excavated in a grid at 5 m intervals (including the Phase I STPs as completed tests) during Phase II investigation in order to better define site boundaries. Out of those 10, only 6 were found to be positive, yielding just 26 artifacts. STPs were generally excavated to a depth of 130 cm and were halted due to excessive depth. All excavated soils were screened.

Prehistoric artifacts were recovered from 2 STPs consisting of quartz debitage (4) and chert debitage (1). Historic/modern artifacts included charcoal (7), fuel slag (3), plastic (1), and bottle glass (10). Based on these findings, only two additional 1 X 1 units were excavated during the Phase II project. Test unit placement was, in part, dictated by the results of the Phase I and II shovel testing. The units were placed in areas of positive prehistoric STPs, both just to the north of the Phase I test unit.

Test units were excavated in 10 cm increments within natural stratigraphy. At a minimum, test units were excavated to a depth of 10 cm into sterile subsoil. All soil was screened through hardware mesh. Upon completion, observations were made on standardized forms regarding soil color, soil texture, soil context, artifacts recovered, and the presence or absence, and nature, of any features. Measurements were recorded in metric units and soil data was recorded using standard methods and nomenclature. Test units were then backfilled after photographing and mapping.

No cultural features were identified during the Phase II test unit excavations at 18HO278.

Prehistoric artifacts recovered during the Phase II test unit excavation included 1 quartz core, 37 quartz flakes, 1 quartzite flake, 1 chert flake, 3 pieces of quartz shatter, 3 quartzite cobbles, 9 other pieces of quartz debitage, and 5 fire-cracked rocks. Historic artifacts included 8 pieces of early to mid 20th century bottle glass. These historic materials were thought to have been deposited by flood action.

Based on the recovery of sparse amounts of prehistoric lithic material, along with the absence of pottery or cultural features such as pits, Site 18HO278 is believed to represent a short term hunting camp used during the Archaic and possibly Woodland periods. The site does not appear to be a significant archeological resource.

External Reference Codes (Library ID Numbers):

95000495, Site Files