



Phase II and Phase III Archaeological Database and Inventory

Site Number: 18CE188

Site Name: Crothers Farm

Prehistoric

Other name(s)

Historic

Unknown

Brief Description:

Archaic-Woodland short-term resource procurement

Site Location and Environmental Data:

Maryland Archaeological Research Unit No. 16

SCS soil & sediment code AdB2,BaA,BaB

Latitude 39.6709

Longitude -75.9553

Physiographic province Eastern Piedmont

Terrestrial site

Underwater site

Elevation 104 m

Site slope 6-10%

Ethnobotany profile available Maritime site

Nearest Surface Water

Name (if any) Unnamed tributary of North

Saltwater

Ocean

Estuary/tidal river

Tidewater/marsh

Spring

Minimum distance to water is 0 m

Freshwater

Stream/river

Swamp

Lake or pond

Spring

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 High terrace

Hilltop/bluff Rockshelter/cave

Interior flat Hillslope

Upland flat Unknown

Ridgetop Other

Terrace

Low terrace

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

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

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 | | | |
|------------------------|--------------------------|------------------|--------------------------|
| 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"/> | 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 | <input type="checkbox"/> | 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 | <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 | | | |
|-----------------------|--------------------------|---|--------------------------|
| Flaked stone | <input type="checkbox"/> | 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 | <input type="checkbox"/> | 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 checked="" type="checkbox"/> metal, copper | |

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"/> | Sil sandstone | <input type="checkbox"/> |
| Chert | <input checked="" 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 checked="" type="checkbox"/> | Argilite | <input checked="" type="checkbox"/> | Unknown | <input type="checkbox"/> |
| Quartzite | <input checked="" type="checkbox"/> | Steatite | <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) | <input type="checkbox"/> | 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. | <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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Brief

Description:

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External Samples/Data:

Collection curated at University of DE Center for Archaeological Research,

Additional raw data may be available online

Summary Description:

The Crothers Farm Site (18CE188) is a multicomponent site with Archaic period to Woodland period short-term resource procurement camps. It is located near Zion, in Cecil County. The core of the site is situated on the western slope of a knoll overlooking one of the tributaries of North East Creek, although a large artifact scatter lies in fields nearby between two central drainages into North East Creek. Soil types in the site area are Aldino silt loam (3-8% slope) and poorly drained Baile silt loams.

The site was first recorded in 1985 during a survey of prehistoric steatite quarries in Cecil County that was being carried out by the staff of the University of Delaware Center for Archaeological Research. The goal of the investigation into steatite quarry technology was to provide a new, more detailed perspective of the acquisition and consumption of the material by systematically collecting data to allow for a comprehensive description and comparative analysis. The research involved a comprehensive field survey of all reported quarries (2 in Cecil County and 3 in Pennsylvania) and a detailed inventory of all quarry-related steatite artifacts. The survey methods included: the location of the actual quarry area, the delineation of any internal activity areas, the collection of a representative sample of both utilized and non-utilized steatite material as well as any quarrying tools, and an examination of the vicinity of the quarry area in an attempt to identify quarry-related habitation sites.

The Crothers Farm Site, along with several other sites, was not directly mentioned in the survey report. However, a Site Survey Form was filled out for 18CE188 and attached to Appendix A. Numerous artifacts were listed as having been recovered from the site, either by the survey team, or more likely by the site's informant who was also an avid collector. The University of Delaware researchers did locate and examine several artifact collections during the course of their survey and it is most likely that these artifacts are from one such collection. A total of 141 items were listed as relating to 18CE188. This included 1 Kirk corner-notched point, 36 unidentified notched points, 1 unidentified broadspear point, 2 small triangular points and over 100 primary and secondary biface rejects. Lithic materials represented in the assemblage consisted of over 127 pieces of quartz, 5 pieces of chert, 4 pieces of argillite, 3 pieces of jasper, and 2 pieces of quartzite. An uncommon object was also identified: a cold-hammered copper axe fragment. It is not clear precisely why the site was noted in a quarry survey report. The most likely explanation is that the collector presented material from 18CE188 while in the process of presenting finds from one or more of the quarry sites.

Site 18CE188 was re-investigated during a Phase I/II transmission line survey conducted in late 1990 and early 1991, which was undertaken on behalf of the Conowingo Power Company of Maryland. When constructed, the transmission line, which was to extend approximately 25.75 km (16 miles) from the Colora Substation near Rising Sun to the Cecil Substation in Elkton, was to consist of single pole structures trending in an east-west orientation across the county. These were to parallel existing lines. Along the transmission line corridor, the right-of-way ranged from 30.48 m to 51.8 m (100-170 ft) in width. An alignment shift from the initial construction plan meant that two Phase I surveys were conducted between I-95 and Elkton. The goals of the investigations were to locate and identify any cultural resources within the proposed right-of-way (ROW), to determine site boundaries and site integrity, to evaluate the impact of the proposed construction on those resources, and to determine if any of those resources were eligible for listing on the National Register of Historic Places.

Phase I/II investigations involved the examination of individual pole structure locations either through a surface collection of the area, or through the excavation of a 1 m² test unit, or both. If artifacts were recovered from the initial investigation, then shovel test pits (STPs) were dug around the proposed structure location. Wooded and overgrown areas along the proposed alignment were tested through the excavation of 2 transects of STPs placed at 20 m intervals. Additional surface collection procedures and the excavation of additional STPs and test units were done where appropriate. Detailed documentary and historical research was conducted for several of the sites located during the field investigations. For ease of presentation, the transmission line right-of-way was divided into 8 arbitrary segments from west to east, designated as Segments A through H.

Segment D of the transmission line ROW went through the center, but slightly north, of Site 18CE188. In addition to surface collection along the ROW, Shovel Test Pit Area 11 was located on the eastern side of the site, where 19 STPs were dug, and 1 m² test units were excavated at the proposed locations of 3 structures (8/1-8/3). Only a single historic artifact, a horseshoe fragment (recorded as an activity item in the table above), was recovered from the surface reconnaissance and subsurface testing. No prehistoric artifacts were recovered from the within the proposed transmission alignment segment that related to the site.

The Crothers Farm Site (18CE188) is a multicomponent site with Archaic period to Woodland period short-term resource procurement camps. The dates of occupation have been determined by the presence of distinctive point types such as Archaic period Kirk corner-notched and Broadspear points, and small triangular points generally attributed to the Woodland period. A fragment of a copper axe was also recovered from the site. Although no prehistoric artifacts were recovered in the process of the transmission line right-of-way investigations, the core of the site may actually be located south of the right-of-way, and west of the most intensively excavated area, on a knoll overlooking a tributary of North East Creek. Therefore, the site may still contain significant data that could contribute to the understanding of prehistoric archeology in the region.

External Reference Codes (Library ID Numbers):

00005724, 00005737