



Phase II and Phase III Archaeological Database and Inventory

Site Number: 18AN367

Site Name: Harmans North

Prehistoric

Other name(s)

Historic

Unknown

Brief Description:

Late Archaic short-term resource procurement

Site Location and Environmental Data:

Maryland Archaeological Research Unit No. 7

SCS soil & sediment code 3) CuB

Latitude 39.1719

Longitude -76.7044

Physiographic province Western Shore Coastal

Terrestrial site

Underwater site

Elevation 30 m

Site slope 0-5%

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 stream

Saltwater

Ocean

Estuary/tidal river

Tidewater/marsh

Minimum distance to water is 61 m

Freshwater

Stream/river

Swamp

Lake or pond

Spring

Temporal & Ethnic Contextual Data:

Paleoindian site

Woodland site

Contact period site

ca. 1820 - 1860

Archaic site

MD Adena

ca. 1630 - 1675

ca. 1860 - 1900

Early archaic

Early woodland

ca. 1675 - 1720

ca. 1900 - 1930

Middle archaic

Mid. woodland

ca. 1720 - 1780

Post 1930

Late archaic

Late woodland

ca. 1780 - 1820

Unknown historic context

Unknown prehistoric 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?

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

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"/> |
| 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 | Staffordshire | English Brown |
| Astbury | Jackfield | Tin Glazed | Eng Dry-bodied |
| Borderware | Mn Mottled | Whiteware | Nottingham |
| Buckley | North Devon | Porcelain | Rhenish |
| Creamware | Pearlware | | Wt Salt-glazed |

All quantities exact or estimated minimal counts

Other Artifact & Feature Types:

| Prehistoric Artifacts | | | |
|-----------------------|--------------------------|------------------|--------------------------|
| Flaked stone | 48 | 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 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"/> | Fer quartzite | <input type="checkbox"/> |
| Chert | <input type="checkbox"/> | Sil sandstone | <input type="checkbox"/> |
| Rhyolite | <input type="checkbox"/> | Chalcedony | <input 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) | <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"/> |
| Foundation | <input type="checkbox"/> | Depression/mound | <input type="checkbox"/> |
| Cellar hole/cellar | <input type="checkbox"/> | Burial(s) | <input type="checkbox"/> |
| Hearth/chimney | <input type="checkbox"/> | Other | <input type="checkbox"/> |
| Postholes/molds | <input type="checkbox"/> | Trash pit/dump | <input type="checkbox"/> |
| Paling ditch/fence | <input type="checkbox"/> | Sheet midden | <input type="checkbox"/> |
| | | Planting feature | <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 MAC

Additional raw data may be available online

Summary Description:

The Harman's North Site (18AN367) is a Late Archaic-Early Woodland short-term resource procurement site near the Baltimore-Washington International (BWI) Airport in northern Anne Arundel County, Maryland. The site is situated on the grassy flat of a low terrace above Stony Run, a tributary of the Patapsco River flowing just to the west of the site. Modern vegetation consists of secondary and tertiary growth of a variety of hardwoods such as oak, tulip polar, river birch, and sycamore along with a lot of scrubby and weedy plants. Several species of conifers, especially Virginia pine, are mixed among the deciduous trees. The aboriginal flora at the time of European contact was considerably different. Large stands of oak, chestnut, poplar, sweetgum, and hickory were once dominant with several species of pine present in a mixed forest. The deciduous trees, especially the nut-bearing ones, provided mast for deer, elk, turkey, bear, and the smaller mammals, while the Chesapeake Bay, its estuaries and fresh water tributaries provided rich harvests of shellfish, salt and fresh water fish, anadromous fish, and waterfowl. Soils at the site are Evesboro loamy sands with underlying Cretaceous sands and gravels.

The site was first identified during an archeological reconnaissance of the Baltimore-Washington International (BWI) Airport and the "noise corridors" of its runways conducted in December of 1975 and January of 1976. The goal of the project was to identify areas of high archeological potential for more intensive investigation prior to development. In general, drive-by windshield surveying was used for initial reconnaissance, followed by traversing areas of interest by foot. A considerable portion of the airport property was traversed by foot, with examination of most of the developed noise corridors examined from an automobile. In some places, small test pits (equivalent to large STPs) were excavated to examine potential sites.

Frozen ground conditions at the time of discovery prevented the excavation of test pits (although an attempt was made), but a collection of artifacts from the surface yielded a quartz stemmed point and 7 quartz flakes. The point is morphologically most similar to the Halifax point type, which dates to the latter Middle Archaic or early Late Archaic period.

In May of 1977 personnel from the Maryland Geological Survey, Division of Archeology visited the site during a preliminary reconnaissance of the proposed corridor for the dualization of Maryland Route 170. The proposed corridor passed right through 18AN367. The study area consisted of a tract of land approximately 76.2 m (250 ft) wide parallel to MD Route 170 on the western side of the existing road. The (then) proposed right-of-way for the dualization of MD 170 extended from MD Route 100 to Hammonds Ferry Road, a total distance of approximately 5.2 miles. The entire corridor was examined via a "windshield survey" and pedestrian survey was used for those sites within the corridor that had previously been identified, locations that had been plowed or otherwise had good surface exposure, and locations ecologically favorable for site location. Occasionally, small test pits (equivalent to large shovel test pits (STPs) were excavated.

At 18AN367, 10 quartz flakes and a single quartz biface were recovered from the surface. Several small test pits were unproductive. The researchers note that the site appeared to be partially disturbed by surface erosion and activities associated with nearby sand and gravel quarrying. Limited test excavations were recommended to determine the extent of the disturbance and if the site had any research potential prior to the highway dualization.

A Phase II-level of research was conducted at the site in June of 1979 to follow-up on the recommendations from the 1977 highway study. The site was investigated with five 91.44 cm (3 ft) test squares located across the site. Excavation proceeded by first removing the dark humus topsoil or plowzone (Ap) as a single unit. The subsoil of the B and C horizons was then excavated in either 7.62 or 15.24 cm (3 or 6 in) arbitrary levels. The former were used in the upper levels where artifact concentrations were expected to be highest. As the yield diminished, the thicker arbitrary levels were utilized. All soil was screened through 1.27 cm (1/2 in) mesh hardware cloth. A combination of troweling and shoveling was used.

Three of the four test units excavated at 18AN367 were entirely sterile. Two of the units yielded only 5 quartz flakes each. All of the encountered artifacts were from soils that the excavators considered to be highly disturbed. It was apparent that between the 1977 survey and the 1979 excavations, the site was essentially destroyed by Anne Arundel county road maintenance operations. Internal correspondence between the Maryland Geological Survey and the State Highway Administration notes the use of bulldozers and other heavy equipment at the site.

The Phase II test excavation in 1979 clearly showed that the site has no integrity and any artifacts that might be present are likely out of context. Thus, 18AN367 has no remaining research potential and additional work would not yield substantive results.

Additional work was, however, carried out in 1995. This work was carried out for a (then) proposed Hiker-Biker Trail through the area. This trail project entailed the construction of 5,491 meters (3.35 miles) of a 3.05 m (10 ft) wide bituminous concrete trail. The trail was situated along MD 107 and, thus, would come within close proximity to the site.

The 1995 survey methods included the excavation of shovel test pits (STPs) space 20 meters apart along four transects following the course of the proposed hiker-biker trail. A total of 213 STPs were excavated along the trail path. The shovel tests measured approximately 40 cm in diameter and were excavated to depth between 30 and 120 cm depending on conditions in the field. The majority of STPs were excavated into the culturally sterile C horizon, except where deep fill or otherwise disturbed deposits were encountered. All soil was dry sifted through hardware cloth. Stratigraphic profiles of each STP were measured and recorded and all artifacts collected were washed and cataloged on standardized forms.

Three STPs fell within the general vicinity of 18AN367, but all were negative. However, one stemmed quartz point, one quartz biface, and 17 quartz flakes were recovered from the surface.

No additional, documented work has been carried out at 18AN367.

External Reference Codes (Library ID Numbers):

00000527, 00000495, 00000496,