



Phase II and Phase III Archaeological Database and Inventory

Site Number: 18AN656

Site Name: Green Spring #3

Prehistoric

Other name(s)

Historic

Unknown

Brief Description:

Woodland short-term resource procurement

Site Location and Environmental Data:

Maryland Archaeological Research Unit No. 7

SCS soil & sediment code

Latitude 39.1269

Longitude -76.4750

Physiographic province Western Shore Coastal

Terrestrial site

Underwater site

Elevation 6 m

Site slope 0

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) Main Creek

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

Minimum distance to water is 30 m

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?

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		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"/>	2	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	<input type="checkbox"/>	14	Human remain(s)	<input type="checkbox"/>
Ground stone	<input type="checkbox"/>		Modified faunal	<input type="checkbox"/>
Stone bowls	<input type="checkbox"/>		Unmod faunal	<input type="checkbox"/>
Fire-cracked rock	<input type="checkbox"/>		Oyster shell	<input type="checkbox"/>
Other lithics (all)	<input type="checkbox"/>		Floral material	<input type="checkbox"/>
Ceramics (all)	<input type="checkbox"/>	7	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"/>	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 checked="" type="checkbox"/>	Ironstone	<input type="checkbox"/>	Basalt	<input type="checkbox"/>
Quartz	<input checked="" type="checkbox"/>	Argilite	<input 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		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"/>	1	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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External Samples/Data:

Collection curated at Anne Arundel County Planning & Zoning

Additional raw data may be available online

Summary Description:

Site 18AN656, or the Green Spring #3 Site, is the archeological remains of a Woodland period short-term resource procurement camp near Pasadena in Anne Arundel County, Maryland. The site is situated atop to slight rises in a fallow agricultural field. When the site was first identified in the 1980s, erosion was evident on the slopes and paths that criss-cross the site. Some lumbering has occurred and an old farm road cuts through the site. Main Creek flows to the north and an unnamed seasonal stream runs along the eastern boundary of the site. Soils in the area are primarily of the Evesboro-Rumford-Sassafras association with some Muikirk loamy sand also occurring in some pockets.

The site was examined during a Combined Phase I, and II -level research project in 1988 for the Green Spring development project. The project area entailed a large parcel in northern Anne Arundel County planned for subdivision and housing development. The work was completed to fulfill mitigation requirements mandated by legislation of the Anne Arundel County Planning and Zoning Division.

Phase I fieldwork at Green Spring was divided into two methods, conducted concurrently, according to the amount of visibility and site potential in the particular area. Anywhere exposed areas existed (road cuts, erosional cuts, rodent burrows, and tree falls), the surface area was carefully examined. In addition, shovel test pits (STPs), 40-50 cm in diameter at the surface, were excavated to sterile subsoil in the areas of highest site potential and in one area of 0% visibility and moderate to low site potential. All excavated soils were passed through hardware cloth and recorded on standardized forms, and each STP was drawn to scale in profile. A total of 85 Phase I STPs were completed throughout the entire Green Spring project area. Three Phase I STPs total fell within the bounds of what would eventually be defined as 18AN656, each of which produced artifacts. These, along with several additional surface finds helped to define 18AN656 initially.

Artifacts identified during Phase I work at 18AN656 included a rhyolite point tip, a quartzite core, 3 chert flakes, a quartz flake, a piece of quartz shatter, and a burned brick fragment. Based on these findings, the project proceeded directly to a Phase II-level of research.

Phase II work entailed the establishment of a grid over the area that produced artifacts during Phase I. This systematic grid, with 7.62 m (25 ft) intervals, was then extended in all four directions using a transit, compass, and tape off of magnetic north. Shovel test pits were then excavated using the same methods employed during Phase I on the 7.62 m interval. A total of 52 STPs were excavated during Phase II work. It should be noted that no formal test units (such as 1 X 1s) were excavated at 18AN656 during Phase II work.

Close interval shovel testing at 18AN656 yielded 14 prehistoric artifacts, both flaked lithic objects and ceramic sherds. Quartz predominated among the materials, while rhyolite, chert, and quartzite were also present. The only diagnostic materials identified were 2 Pope's Creek sherd. These suggest an occupations dating to the Early Woodland period, while additional non-diagnostic pottery sherds indicate that other periods within the Woodland timeframe may have witnessed occupation as well. The Phase II STPs defined an approximate 38.1 m (125 ft) diameter circle of artifact concentration. Artifacts occur in the upper two strata at the site to a depth of about 50 cm below the surface. No features were encountered, but a significant artifact concentration was noted on the easternmost of the two rises in the site topography.

Artifacts encountered during the Phase II work are not described in detail in the body of the full report, but are cataloged along with the Phase I materials in MHT site forms. Thus, the tallies below and in the tables above include the Phase I materials. The combined Phase I and II assemblage from 18AN656 included a point tip, a late stage biface, a core, 10 flakes, 1 piece of shatter, 2 Pope's Creek sherds, 4 other Sand-tempered sherds, and a single shell-tempered sherd. Some historic artifacts were also encountered, but are not cataloged and are from mixed periods. They appear to be related to farming activities and refuse disposal from sites located elsewhere.

Archeological site 18AN656 appears to have been utilized prehistorically as a temporary, short-term resource procurement camp. The site was visited during the Early Woodland (1000 BC – AD 200), and possibly other prehistorical as well. Historically, the site was cleared and plowed and some farm-related activities appear to have taken place in the area as well. Little else can be said about the site, based on the amount of work and level of investigation conducted.

No intact features were identified, however, sub-plowzone artifacts were recovered and so little work was conducted (only STPs at a 7.62 m interval) that intact features could be present. Additional work is warranted at 18AN656 in order to determine the research potential of the site. Fortunately, the site is likely to remain well preserved due to its location in a critical wetlands area which development has traditionally sought to avoid.

External Reference Codes (Library ID Numbers):

00000570