



Phase II and Phase III Archaeological Database and Inventory

Site Number: 18AN655

Site Name: Green Spring #2

Prehistoric

Other name(s)

Historic

Unknown

Brief Description:

prehistoric short-term resource procurement

Site Location and Environmental Data:

Maryland Archaeological Research Unit No. 7

SCS soil & sediment code

Latitude 39.1244

Longitude -76.4859

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

Ocean

Estuary/tidal river

Tidewater/marsh

Spring

Freshwater

Stream/river

Swamp

Lake or pond

Spring

Minimum distance to water is 30 m

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

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? 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

refuse disposal

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"/>	
Hardaway-Dalton	<input type="checkbox"/>	
Palmer	<input type="checkbox"/>	
Kirk (notch)	<input type="checkbox"/>	
Kirk (stem)	<input type="checkbox"/>	
Le Croy	<input type="checkbox"/>	
Morrow Mntn	<input type="checkbox"/>	
Guilford	<input type="checkbox"/>	
Brewerton	<input type="checkbox"/>	
Otter Creek	<input type="checkbox"/>	
Koens-Crispin	<input type="checkbox"/>	
Perkiomen	<input type="checkbox"/>	
Susquehana	<input type="checkbox"/>	
Vernon	<input type="checkbox"/>	
Piscataway	<input type="checkbox"/>	1
Calvert	<input type="checkbox"/>	
Selby Bay	<input type="checkbox"/>	
Jacks Rf (notch)	<input type="checkbox"/>	
Jacks Rf (pent)	<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"/>	135
Ground stone	<input type="checkbox"/>	
Stone bowls	<input type="checkbox"/>	
Fire-cracked rock	<input type="checkbox"/>	
Other lithics (all)	<input type="checkbox"/>	
Ceramics (all)	<input type="checkbox"/>	
Rimsherds	<input type="checkbox"/>	
Other fired clay	<input type="checkbox"/>	
Human remain(s)	<input type="checkbox"/>	
Modified faunal	<input type="checkbox"/>	
Unmod faunal	<input type="checkbox"/>	
Oyster shell	<input type="checkbox"/>	
Floral material	<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 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 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		
Pottery (all)	<input type="checkbox"/>	
Glass (all)	<input type="checkbox"/>	2
Architectural	<input type="checkbox"/>	2
Furniture	<input type="checkbox"/>	
Arms	<input type="checkbox"/>	
Clothing	<input type="checkbox"/>	
Personal items	<input type="checkbox"/>	
Tobacco related	<input type="checkbox"/>	
Activity item(s)	<input type="checkbox"/>	
Human remain(s)	<input type="checkbox"/>	
Faunal material	<input type="checkbox"/>	
Misc. kitchen	<input type="checkbox"/>	
Floral material	<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 Anne Arundel County Planning & Zoning

Additional raw data may be available online

Summary Description:

Site 18AN655, or the Green Spring #2 Site, is the archeological remains of a short-term resource procurement camp with possible Middle Archaic and Early Woodland affiliations near Pasadena in Anne Arundel County, Maryland. The site is situated on elevated level ground atop a ridge 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 and many old farm roads cut through the site. Main Creek flows to the north and an unnamed seasonal stream runs along the western 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. Two Phase I STPs total fell within the bounds of what would eventually be defined as 18AN655, one of which produced artifacts. These, along with several additional surface finds helped to define 18AN655 initially.

Artifacts identified during Phase I work at 18AN655 included 1 quartz core, 1 chert flake, 9 rhyolite flakes, 2 quartz flakes, 1 piece of rhyolite shatter, a piece of window glass, a piece of red brick, and a glass vessel 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 off of the STP that contained artifacts. The systematic grid, with 7.62 m (25 ft) intervals, was then extended in all four directions using a transit off of magnetic north. Shovel test pits were then excavated using the same methods employed during Phase I, but were situated systematically every 7.62 m or 15.24 m (50 ft), depending on whether or not artifacts were being recovered. One STP would be dug 15.24 m away from the last artifact bearing STP, and then 2 more STPs would be dug at 7.62 m from the first to ensure that the boundaries of the site had been located (assuming each turned up sterile). A total of 370 STPs were excavated during Phase II work. It should be noted that no formal test units (such as 1 X 1s) were excavated at 18AN655 during Phase II work.

Close interval shovel testing at 18AN655 yielded 121 prehistoric artifacts, all flaked lithic objects. Quartz predominated among the materials, while rhyolite, chert, jasper and quartzite were also present. Diagnostic materials are a Buffalo Stem point and a possible Piscataway fragment. These suggest occupations during the Middle Archaic and Early Woodland respectively. The Phase II STPs defined an approximate 213.36 m (700 ft) diameter circle with concentrations of artifacts in the northern portion of the site. Artifacts were recovered from the plowzone and the stratum below the plowzone to a depth of about 40-50 cm below surface. No features were encountered.

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 18AN655 included a rhyolite Buffalo stem point, a possible Piscataway point fragment, a rhyolite point tip, 7 cores, 93 flakes, and 32 pieces of shatter. 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 18AN655 was utilized prehistorically as a temporary, short-term resource procurement camp. The site was visited during the Middle Archaic (6000 – 4000 BC) and subsequently may have been visited during the Early Woodland (1000 BC – AD 200). 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 18AN655 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