



Phase II and Phase III Archaeological Database and Inventory

Site Number: 18AN496

Site Name: Children's Center II

Prehistoric

Other name(s)

Historic

Brief Description:

Middle and Late Woodland short-term resource procurement camp or base camp

Unknown

Site Location and Environmental Data:

Maryland Archaeological Research Unit No. 8

SCS soil & sediment code 6)HA

Latitude 39.1086

Longitude -76.7774

Physiographic province Western Shore Coastal

Terrestrial site

Underwater site

Elevation m

Site slope 0

Ethnobotany profile available

Maritime site

Nearest Surface Water

Name (if any) Dorsey Run

Saltwater

Ocean

Estuary/tidal river

Tidewater/marsh

Spring

Minimum distance to water is 15 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

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

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	1
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	36		

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	271	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	57	Unmod faunal	<input type="checkbox"/>
Other lithics (all)	28	Oyster shell	<input type="checkbox"/>
Ceramics (all)	46	Floral material	<input type="checkbox"/>
Rimsherds	2	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"/>	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 checked="" type="checkbox"/>	Unknown	<input checked="" 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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External Samples/Data:

Collection curated at

Additional raw data may be available online

Summary Description:

The Children's Center II site (18AN496) is an apparent Middle and Late Woodland short-term resource procurement camp southeast of Savage, but just inside Anne Arundel County, Maryland. The site is situated on sections of a terrace and floodplain near the confluence of Dorsey Run and the Little Patuxent River. The site overlooks a heavily scoured floodplain which is continually graded by Dorsey Run. Some disturbance of the area has occurred due to a nearby access road used by a sand and gravel company. Soils at the site are primarily highly clayey Christiana soils.

The site was first identified in 1979 as the result of a Phase I survey for a proposed outfall sewer line from a wastewater treatment plant at Savage, MD. The (then) proposed sewer line was essentially a 3 1/2 mile arc trending south by southeast from the Savage Wastewater Treatment Facility to the Simonds Bridge on MD 198. The facilities were being constructed, in part, using funds from a U.S. Environmental Protection Agency (EPA) Construction Grant. As a condition of grant approval, an archeological survey of the impact area was required.

Phase I work consisted of a walkover of the entire area to be affected, examination of all exposed horizontal surfaces and vertical banks, and 17 shovel test pits (approximately 61 cm square). Field tests resulted in the discovery of two archeological sites: 18AN495 and 18AN496. Surface collection, as well as five shovel test pits at 18AN496 produced 11 prehistoric artifacts. The Phase I assemblage from 18AN496 consisted of 1 rhyolite biface fragment, 2 quartz biface fragments, 22 quartz flakes, a quartzite hammerstone, and a quartzite-tempered pottery sherd. Based on these findings, the decision was made to proceed with a Phase II testing program at 18AN496.

Phase II work at the Children's Center II site was also carried out in 1979. The site was investigated by the excavation of nine 1.524 X 1.524 m (5 X 5 ft) test units and three supplemental shovel test pits to determine the site's extent in the vicinity of the outfall sewer line right-of-way. The supplemental shovel test pits were of the same dimension as the Phase I STPs.

Excavation of the test units was conducted by natural stratigraphic levels, or in 7.62-15.24 cm (3-6 in) arbitrary levels within larger soil zones. The selection of the size of the excavation level depended on the presence, absence, or density of cultural material within the unit. All test units were excavated below the level of cultural material and in some units excavation was carried somewhat deeper to obtain a representative soil profile. All removed soil was sifted through .95 cm (3/8 in) hardware cloth and a sample of soil from each unit was water screened in an effort to determine if the excavation process could be expedited. Soil profiles were drawn for each unit excavated below the plowzone and a soil sample was retained from one of the units.

Cultural material was recovered primarily from the plowzone and the plowzone interface with the top of a B horizon. While there was some concentration of materials evident, the site appeared to have been disturbed by plowing and natural processes. No intact cultural features were encountered. The few artifacts found beneath the plowzone were the result of pedogenic processes, root action and/or burrowing animals. These factors have resulted in some vertical movement of artifacts, especially the smaller ones. No subsurface features or undisturbed cultural material was found at either location.

The Phase II prehistoric assemblage from 18AN496 consisted of a rhyolite Selby Bay point, 2 other bifaces, 4 cores, a utilized flake, 229 other flakes (1 chert, 23 rhyolite, 1 argillite, 193 quartz, 2 quartzite flakes, 9 unidentified), 9 quartz chunks, 27 possibly worked quartz cobbles and pebbles, 57 pieces of fire-cracked rock, and 45 Potomac Creek sherds (2 rims).

Evidence suggests that Site 18AN496 served as a short-term resource procurement camp twice during the Woodland Period. The large quantities of rhyolite and rhyolite side-notched (Selby Bay) projectile point suggest a Middle Woodland component. The pottery sherds, which may be from one, or possibly two vessels are characteristic of the Late Woodland. The sherds described in the full body of the report appear to be consistent with Potomac Creek wares, albeit some have incised decoration (unusual, but not unheard of for Potomac Creek). Alternatively, they could be Minguannan ware.

No intact features or artifact deposits were recovered during the excavations at 18AN496. The site appears to be largely confined to the plowzone and has undergone considerable cultural and natural disturbance. Based on these findings, no additional work has ever been recommended at 18AN496 and the site is likely to yield little that can be used to answer outstanding research questions in Maryland prehistory.

External Reference Codes (Library ID Numbers):

00000472, 00000473