



# Phase II and Phase III Archaeological Database and Inventory

Site Number: 18AN1030

Site Name: Shell Dump North

Prehistoric

Other name(s) Site 5

Historic

Unknown

Brief Description:

20th century artifact concentration, shell concentration, appears to be dredge spoil

## Site Location and Environmental Data:

Maryland Archaeological Research Unit No. 7

SCS soil & sediment code

Latitude 38.9910

Longitude -76.4668

Physiographic province Western Shore Coastal

Terrestrial site

Underwater site

Elevation 3 m

Site slope 0-2%

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) Carr Creek

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

Minimum distance to water is 12 m

## Temporal & Ethnic Contextual Data:

- Paleoindian site
- Archaic site
- Early archaic
- Middle archaic
- Late archaic
- Unknown prehistoric context
- Woodland site
- MD Adena
- Early woodland
- Mid. woodland
- Late woodland

- Contact period site
- ca. 1820 - 1860
- ca. 1630 - 1675
- ca. 1675 - 1720
- ca. 1720 - 1780
- ca. 1780 - 1820
- Unknown historic context
- Unknown context
- ca. 1820 - 1860
- ca. 1860 - 1900
- ca. 1900 - 1930
- Post 1930

### Ethnic Associations (historic only)

- Native American
- African American
- Anglo-American
- Hispanic
- Asian American
- Unknown
- Other

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? 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

shell concentration, dredge spoils

## Interpretive Sampling Data:

Prehistoric context samples  
Soil samples taken   
Flotation samples taken  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		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"/>	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

<b>Earthenware</b>		Ironstone	<input type="checkbox"/> 2	Staffordshire	<input type="checkbox"/>	<b>Stoneware</b>	
Astbury	<input type="checkbox"/>	Jackfield	<input type="checkbox"/>	Tin Glazed	<input type="checkbox"/> 1	English Brown	<input type="checkbox"/>
Borderware	<input type="checkbox"/>	Mn Mottled	<input type="checkbox"/>	Whiteware	<input type="checkbox"/> 5	Eng Dry-bodied	<input type="checkbox"/>
Buckley	<input type="checkbox"/>	North Devon	<input type="checkbox"/>	<b>Porcelain</b>	<input type="checkbox"/> 3	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"/>	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"/>	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

Fer quartzite	<input type="checkbox"/>	Sil sandstone	<input type="checkbox"/>
Jasper	<input type="checkbox"/>	Chalcedony	<input type="checkbox"/>
Chert	<input type="checkbox"/>	Ironstone	<input type="checkbox"/>
Rhyolite	<input type="checkbox"/>	Argilite	<input type="checkbox"/>
Quartz	<input type="checkbox"/>	Steatite	<input type="checkbox"/>
Quartzite	<input type="checkbox"/>	Sandstone	<input type="checkbox"/>
		European flint	<input type="checkbox"/>
		Basalt	<input type="checkbox"/>
		Unknown	<input type="checkbox"/>
		Other	<input type="checkbox"/>

Dated features present at site

Historic Artifacts		Tobacco related	
Pottery (all)	<input type="checkbox"/> 12	Activity item(s)	<input type="checkbox"/> 1
Glass (all)	<input type="checkbox"/> 86	Human remain(s)	<input type="checkbox"/>
Architectural	<input type="checkbox"/> 1	Faunal material	<input checked="" type="checkbox"/>
Furniture	<input type="checkbox"/>	Misc. kitchen	<input type="checkbox"/> 3
Arms	<input type="checkbox"/>	Floral material	<input type="checkbox"/>
Clothing	<input type="checkbox"/> 1	Misc.	<input type="checkbox"/> 94
Personal items	<input type="checkbox"/>	Other	<input type="checkbox"/>

### Historic Features

Privy/outhouse	<input type="checkbox"/>	Depression/mound	<input type="checkbox"/>	Unknown	<input type="checkbox"/>
Const feature	<input type="checkbox"/>	Burial(s)	<input type="checkbox"/>	Other	<input type="checkbox"/>
Foundation	<input type="checkbox"/>	Trash pit/dump	<input checked="" type="checkbox"/>	Railroad bed	<input type="checkbox"/>
Cellar hole/cellar	<input type="checkbox"/>	Sheet midden	<input checked="" type="checkbox"/>	Earthworks	<input type="checkbox"/>
Hearth/chimney	<input type="checkbox"/>	Planting feature	<input type="checkbox"/>	Mill raceway	<input type="checkbox"/>
Postholes/molds	<input type="checkbox"/>	Road/walkway	<input type="checkbox"/>	Wheel pit	<input type="checkbox"/>
Paling ditch/fence	<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:

Site 18AN1030, known variously as Site 5 or Shell Dump North, is a secondary deposit of colonial artifacts and shell near Annapolis in Anne Arundel County. The site is situated onboard the Naval Support Activity – Annapolis (NSA Annapolis) facility on Greenbury Neck, where the Severn River flows into the Chesapeake Bay. The site is situated on a low terrace and floodplain overlooking Carr Creek. A pond or lagoon is located to the south of the site. 18AN1030 is largely wooded and soils consist of Mispillion and Transquaking mucky peats and silt loams.

The site was first identified in 1996 during a Phase I survey of US Naval Academy facilities. The site was identified during informal surface reconnaissance (as opposed to systematic survey) by a dense scatter of oyster shell and a notable depression. This area was categorized as “wetlands” and was not thought to likely contain cultural deposits. Additional investigation of the area was recommended.

In October of 2012 an attempt was made to relocate Site 18AN1030 during a combined Phase I/II investigation at 7 sites onboard NSA Annapolis. The investigation was conducted as part of compliance efforts for Section 110 of the National Historic Preservation Act, as amended. The investigation, undertaken to help inventory significant resources at the installation, aimed to relocate, characterize, and define the boundary of several known sites that had minimal previously recorded information.

The deposit was re-located through pedestrian reconnaissance and the aforementioned shell deposit and surface depression were formally mapped. The oyster deposit (recorded as Surface Feature 6) was oval in shape and approximately 7.3 X 3.9 meters in extent. The surface of this feature was found to undulate and was covered with oyster shell and occasional pieces of brick and slag. Surface Feature 7 (the depression) was oval in outline, approximately 2.3 X 2.0 meters. The depression extended to about 70 cm below ground surface.

One judgmentally placed shovel test pit (STP) was excavated in the depression and another was excavated in the surrounding shell deposit. Shovel tests were approximately 30 cm in diameter and were excavated into subsoil. All excavated soil was screened through hardware cloth to recover artifacts. All shovel tests were backfilled immediately upon completion. Obviously recent objects found in the shovel tests were noted and discarded, along with shell, coal, clinker, brick limestone, and other building materials. Other artifacts were bagged by provenience with a tag containing location information. Each shovel test was recorded on a standardized form that included soil descriptions and a schematic drawing of the stratigraphic profile. The location of each shovel test was plotted on field maps, and the coordinates recorded using a high-accuracy GPS device (Trimble GeoXT).

The shovel test within Feature 7 encountered two layers of shell extending to 86 cm below ground surface (156 cm below the landscape surrounding the depression). The upper layer of shell was very dark brown silt loam with more than 40% oyster shell inclusions. The soil extended to 36 cm below ground surface, and no artifacts were recovered from the stratum. The lower stratum of shell (Stratum B) extended from 36 to 86 cm below ground surface (106 to 156 cm below the landscape surrounding the depression), and was described as brown silt loam with more than 40% oyster shell inclusions. Stratum B yielded 86 historic artifacts. No evidence of a structure was found, and the depression showed no signs of being a man-made feature.

The STP excavated into the surface of Feature 6, the shell deposit, encountered very similar soils as found in the other nearby STP, with two layers of shell extending to 70 cm below ground surface. Thirty-2 artifacts were recovered, including concrete fragments identified at roughly 30 cm below ground surface.

The full Phase I/II assemblage from 18AN1030 consisted of 1 activity item (hardware), 1 architectural item (a bolt), 1 clothing item (a glass button), 12 ceramic sherds (1 delftware, 1 redware, 5 whiteware, 2 ironstone, 3 hard paste porcelain), 3 unidentified mammal bones, 5 pipe stems, and 94 miscellaneous objects (2 pieces of coal, 1 piece of slag, 5 pieces of metal, and 86 unidentified modern glass fragments). The finding of historic items such as the pipe stems (some quite old based on bore diameters) alongside modern bottle glass, suggested that the site is a secondary deposit associated with land-filling activities.

Site 18AN1030 is marked by a large shell deposit and an associated depression. Both the depression and the shell deposit appear to be products of modern land-filling. Colorless glass that appears modern was recovered from the base of one STP along with a piece of ironstone (dating to post 1840), and assorted Colonial artifacts. A similar mixture of modern and historic artifacts was recovered from the upper portion of the other STP. It is believed that the soil strata in the shell deposit are part of the same depositional event and that they arose through modern land-filling. It is likely related to nearby Site 18AN1031 (see synopsis report). Neither site is a significant archeological resource.

## External Reference Codes (Library ID Numbers):

95002261, Site Files