



# Phase II and Phase III Archaeological Database and Inventory

Site Number: 18HA191

Site Name: BG&E Perryman -D

Prehistoric

Other name(s)

Historic

Brief Description:

Late Archaic-Middle Woodland short-term resource procurement

Unknown

## Site Location and Environmental Data:

Latitude 39.4366 Longitude -76.2132

Maryland Archaeological Research Unit No. 6

SCS soil & sediment code

Elevation 61 m Site slope 0

Physiographic province Western Shore Coastal

Terrestrial site

Underwater site

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) Deep Spring Branch

- | Saltwater                                |  | Freshwater                                       |                                |
|--|--|--|--------------------------------|
| Ocean <input type="checkbox"/>           | Estuary/tidal river <input type="checkbox"/> | Stream/river <input checked="" 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 610 m

## Temporal & Ethnic Contextual Data:

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

- 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?
  - 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  
 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"/>	
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

<b>Earthenware</b>	Ironstone	<input type="checkbox"/>	Staffordshire	<input type="checkbox"/>	<b>Stoneware</b>	English Brown	<input type="checkbox"/>
Astbury	Jackfield	<input type="checkbox"/>	Tin Glazed	<input type="checkbox"/>	Eng Dry-bodied	<input type="checkbox"/>	
Borderware	Mn Mottled	<input type="checkbox"/>	Whiteware	<input type="checkbox"/>	Nottingham	<input type="checkbox"/>	
Buckley	North Devon	<input type="checkbox"/>	<b>Porcelain</b>	<input type="checkbox"/>	Rhenish	<input type="checkbox"/>	
Creamware	Pearlware	<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"/>	11
Ground stone	<input type="checkbox"/>	
Stone bowls	<input type="checkbox"/>	
Fire-cracked rock	<input type="checkbox"/>	1
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 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"/>	3
Architectural	<input type="checkbox"/>	6
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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Late Archaic-Middle Woodland short-term resource procurement

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Description:

## External Samples/Data:

Collection curated at

Additional raw data may be available online

## Summary Description:

BG&E Perryman-D (18HA191) is a short-term resource procurement/hunting camp site dated by a single diagnostic artifact to the terminal Archaic/Early Woodland period. It is located on the property of the Baltimore Gas & Electric Company in Harford County, Maryland. The site is situated in an agricultural field on level upland terrain. The nearest water source is Deep Spring Branch, a tributary of the Bush River. The soil profile at the site consists of a ca. 29 cm deep mixed plowzone layer above sterile sandy clay subsoil. Soils at the site are primarily Mattapex silt loam (0-5% slope).

Archeological evidence indicates that prehistoric settlement in the vicinity of the site dates from as far back as the Late Archaic period and into the Contact period. In the early 17th century, the explorer John Smith noted that the Massawomek Indians lived in the area of "Willowbyes flu" (modern day Bush River). During the first half of the 17th century, the Susquehannock Indians made frequent forays into the upper Bay region, eventually displacing the Massawomeks. Beginning in 1658, a series of land patents were filed along the entire eastern shore of Bush River from its northernmost point south to its confluence with the Chesapeake Bay. One of the largest patents recorded was the 1,547 acre tract granted to Capt. John Hall in 1694. Hall's tract, called "Cranberry Hall", extended from the headwaters of Sod Run for about 5 km north to Church Creek. By the 1850s there were 3 farmstead occupations on the property: the Archer Farm which consisted of a single structure; a farm complex owned by William Paca to the northwest with 2 structures shown; and another Paca residence located just southwest of W. Paca's farm. This may have either been inhabited by a member of the Paca family, or by a tenant. By 1861, the William Paca farm complex was known as "Hopewell" and consisted of 7 structures. The second Paca residence/tenant house visible on the 1858 map was not noted on the 1861 map but the "Chilberry Farm" complex, which was apparently part of the larger Paca estate, was located in the southwestern portion of the BG&E property and consisted of 3 structures. The Archer Farm is depicted on the 1861 map with a single structure. For the next 100 years, the farms were bought and sold, large portions staying within the original families. It was in 1966 that BG&E purchased 440 acres of land that incorporated parts of Chilberry Farm, Hopewell Farm, and the Archer Farm as well as additional parcels. In the 1970s, BG&E started building facilities in the eastern part of the tract and other portions of the property were leased for farming and tenancy.

In 1989, a Phase I/II a survey was undertaken of the entire ca. 700 acre BG&E Perryman site. There was special emphasis on the specific project area of the proposed Perryman Combined Cycle Power Plant in the northern section of the property. The purpose of the Phase I investigation was to compile data on the historical and archeological background of the Perryman site and the surrounding area. Goals were to determine the presence or absence of prehistoric and historic resources in the study area and to determine the potential significance of those resources.

Prior to fieldwork, extensive archival research was conducted in order to assess the potential for archeological sites and to establish a historical framework for any identified sites. Fieldwork consisted of a surface reconnaissance survey. The area of the proposed construction site was surveyed along transects placed at 3.048 m (10 ft) intervals and the remainder of the BG&E tract was examined along transects placed at 15.24 m (50 ft) intervals. Artifacts were collected when it was determined they could provide useful information to the investigation (this statement was not further explained in the report and it is unclear what artifact types were not collected).

Site 18HA191 was identified in the northern-central part of the project area as Site D. A total of 11 prehistoric artifacts were collected during the surface reconnaissance. There were 8 pieces of debitage (6 quartz, 2 quartzite). Recovered tools included 1 rhyolite broken point, 1 quartz biface fragment, and 1 quartz Piscataway point which dates to the end of the Late Archaic or Early Woodland period. It was postulated that the site represented either a subsistence site occupied during hunting activities or the remains of inland camp.

In addition to the prehistoric artifacts, a total of 9 historic artifacts were also retrieved from the surface and STPs. There were 6 architectural items (all brick fragments) and 3 kitchen-related items (all bottle glass fragments). These materials likely represented field scatter, and probably derived from one of the 19th and 20th century farmsteads that were once located in the immediate area. This was not considered to be a significant component of the site.

As the site was located within the proposed project construction area, it was subjected to Phase II testing. The objective of the Phase II investigations was to evaluate the site's integrity and determine its eligibility for listing on the National Register of Historic Places. To this end, the research goals were to assess the site boundaries, content, subsurface integrity, and temporal affiliation if possible. Field methods included re-establishing the Phase I grid at the site. The field within the area of interest was mowed and disked. The cleared terrain measured 45.72 m (150 ft) square. Surface inspection and shovel testing were conducted. Controlled surface collection was done within 15.24 m<sup>2</sup> (50 ft) grid units. A total of 14 STPs were dug at the 15.24 m intervals and an additional 10 STPs were dug at closer (1.524, 3.3048, and 7.62 m) intervals. The 1x1 m test unit was placed at the location of a recovered projectile point. All excavated soils were screened and all materials were recovered.

A modest 6 prehistoric artifacts were collected during the Phase II investigations at the site. There was a broken quartz projectile point, 2 pieces of chert debitage, and 2 pieces of quartz debitage. A single sandstone fire-cracked rock was also retained.

The BG&E Perryman-D Site (18HA191) is a short-term resource procurement camp site dated by a single diagnostic artifact to the terminal Archaic/Early Woodland period. The limited amount of artifactual remains indicated that prehistoric activity at this location was of a short duration and minor intensity. The lack of significant debitage in association with the point fragments indicated use of the site as a subsistence/hunting station or ephemeral campsite. All of the artifacts derived from the mixed plowzone and no subsurface features were encountered. Therefore, the site offered little potential for addressing research questions related to prehistoric lifeways in this part of Harford County. No further archeological work is recommended at the site.

## External Reference Codes (Library ID Numbers):

00000440