

**EXHIBIT 3**

**PNDI RECIEPT**

### 1. PROJECT INFORMATION

Project Name: **North Branch Pigeon Creek Mitigation Bank - Other**

Date of review: **3/20/2013 4:15:42 PM**

Project Category: **Habitat Conservation and Restoration, Other**

Project Area: **37.5 acres**

County: **Washington** Township/Municipality: **Somerset**

Quadrangle Name: **HACKETT** ~ ZIP Code: **15330**

Decimal Degrees: **40.177135 N, -80.095310 W**

Degrees Minutes Seconds: **40° 10' 37.7" N, -80° 5' 43.1" W**



### 2. SEARCH RESULTS

Agency	Results	Response
PA Game Commission	No Known Impact	No Further Review Required
PA Department of Conservation and Natural Resources	No Known Impact	No Further Review Required
PA Fish and Boat Commission	No Known Impact	No Further Review Required
U.S. Fish and Wildlife Service	No Known Impact	No Further Review Required

As summarized above, Pennsylvania Natural Diversity Inventory (PNDI) records indicate no known impacts to threatened and endangered species and/or special concern species and resources within the project area. Therefore, based on the information you provided, no further coordination is required with the jurisdictional agencies. This response does not reflect potential agency concerns regarding impacts to other ecological resources, such as wetlands.

### 3. AGENCY COMMENTS

Regardless of whether a DEP permit is necessary for this proposed project, any potential impacts to threatened and endangered species and/or special concern species and resources must be resolved with the appropriate jurisdictional agency. In some cases, a permit or authorization from the jurisdictional agency may be needed if adverse impacts to these species and habitats cannot be avoided.

These agency determinations and responses are **valid for two years** (from the date of the review), and are based on the project information that was provided, including the exact project location; the project type, description, and features; and any responses to questions that were generated during this search. If any of the following change: 1) project location, 2) project size or configuration, 3) project type, or 4) responses to the questions that were asked during the online review, the results of this review are not valid, and the review must be searched again via the PNDI Environmental Review Tool and resubmitted to the jurisdictional agencies. The PNDI tool is a primary screening tool, and a desktop review may reveal more or fewer impacts than what is listed on this PNDI receipt. The jurisdictional agencies **strongly advise against** conducting surveys for the species listed on the receipt prior to consultation with the agencies.

#### PA Game Commission

**RESPONSE:** No Impact is anticipated to threatened and endangered species and/or special concern species and resources.

#### PA Department of Conservation and Natural Resources

**RESPONSE:** No Impact is anticipated to threatened and endangered species and/or special concern species and resources.

#### PA Fish and Boat Commission

**RESPONSE:** No Impact is anticipated to threatened and endangered species and/or special concern species and resources.

#### U.S. Fish and Wildlife Service

**RESPONSE:** No impacts to **federally** listed or proposed species are anticipated. Therefore, no further consultation/coordination under the Endangered Species Act (87 Stat. 884, as amended; 16 U.S.C. 1531 *et seq.*) is required. Because no take of federally listed species is anticipated, none is authorized. This response does not reflect potential Fish and Wildlife Service concerns under the Fish and Wildlife Coordination Act or other authorities.

### 4. DEP INFORMATION

The Pa Department of Environmental Protection (DEP) requires that a signed copy of this receipt, along with any required documentation from jurisdictional agencies concerning resolution of potential impacts, be submitted with applications for permits requiring PNDI review. For cases where a "Potential Impact" to threatened and endangered species has been identified before the application has been submitted to DEP, the application should not be submitted until the impact has been resolved. For cases where "Potential Impact" to special concern species and resources has been identified before the application has been submitted, the application should be submitted to DEP along with the PNDI receipt. The PNDI Receipt should also be submitted to the appropriate agency according to directions on the PNDI Receipt. DEP and the jurisdictional agency will work together to resolve the potential impact(s). See the DEP PNDI policy at <http://www.naturalheritage.state.pa.us>.

### 5. ADDITIONAL INFORMATION

The PNDI environmental review website is a **preliminary** screening tool. There are often delays in updating species status classifications. Because the proposed status represents the best available information regarding the conservation status of the species, state jurisdictional agency staff give the proposed statuses at least the same consideration as the current legal status. If surveys or further information reveal that a threatened and endangered and/or special concern species and resources exist in your project area, contact the appropriate jurisdictional agency/agencies immediately to identify and resolve any impacts.

For a list of species known to occur in the county where your project is located, please see the species lists by county found on the PA Natural Heritage Program (PNHP) home page ([www.naturalheritage.state.pa.us](http://www.naturalheritage.state.pa.us)). Also note that the PNDI Environmental Review Tool only contains information about species occurrences that have actually been reported to the PNHP.

### 6. AGENCY CONTACT INFORMATION

**PA Department of Conservation and Natural Resources**  
Bureau of Forestry, Ecological Services Section  
400 Market Street, PO Box 8552, Harrisburg, PA. 17105-8552  
Fax:(717) 772-0271

**U.S. Fish and Wildlife Service**  
Endangered Species Section  
315 South Allen Street, Suite 322, State College, PA. 16801-4851  
NO Faxes Please.

**PA Fish and Boat Commission**  
Division of Environmental Services  
450 Robinson Lane, Bellefonte, PA. 16823-7437  
NO Faxes Please

**PA Game Commission**  
Bureau of Wildlife Habitat Management  
Division of Environmental Planning and Habitat Protection  
2001 Elmerton Avenue, Harrisburg, PA. 17110-9797  
Fax:(717) 787-6957

### 7. PROJECT CONTACT INFORMATION

Name: Mark Hepner  
Company/Business Name: Timmons Group  
Address: 1001 Boulders Parkway, Suite 300  
City, State, Zip: Richmond, VA 23225  
Phone: (804) 200-6382 Fax: (804) 560-1648  
Email: mark.hepner@timmons.com

### 8. CERTIFICATION

I certify that ALL of the project information contained in this receipt (including project location, project size/configuration, project type, answers to questions) is true, accurate and complete. In addition, if the project type, location, size or configuration changes, or if the answers to any questions that were asked during this online review change, I agree to re-do the online environmental review.

 5-8-13  
applicant/project proponent signature date

**EXHIBIT 4**

**CULTURAL RESOURCE CLEARANCE APPLICATION**



1001 Boulders Parkway  
Suite 300  
Richmond, VA 23225

P 804.200.6500  
F 804.560.1016  
[www.timmons.com](http://www.timmons.com)

April 25, 2013

Mr. Steven McDougal  
Pennsylvania Historical and Museum Commission  
Bureau of Historic Preservation  
Commonwealth Keystone Building, 2<sup>nd</sup> Floor  
400 North Street  
Harrisburg, PA 17120-0093

**RE: Request to Initiate Consultation  
North Branch Pigeon Creek Mitigation Bank  
Somerset Township, Washington County**

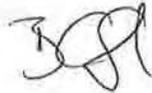
Dear Mr. McDougal,

I am pleased to provide the attached Request to Initiate Consultation for the North Branch Pigeon Creek Mitigation Bank (Site) to the Pennsylvania Historical and Museum Commission (PHMC) for review. The Site is located in Somerset Township within Washington County. The purpose of this coordination request is to ensure that the proposed stream and wetland restoration project does not impact cultural resources.

A review of the Site's existing site conditions was conducted by Circa ~ Cultural Resource Management (Circa~) on behalf of First Pennsylvania Resource (FPR), a wholly owned subsidiary of Resource Environmental Solutions (RES). A Management Summary based on the review results was completed to support this Consultation request. Based on the results of the project review, Circa~ recommends that the proposed project will not have any impacts to archaeological sites listed on or potentially eligible for listing on the National Register of Historic Places. Therefore, no further work is recommended. A copy of Circa's~ site research and report is attached along with multiple project condition maps to assist with your project review and determination.

Please review the attached information supporting the federal and state permitting efforts which will authorize the construction of the North Branch Pigeon Creek Mitigation Bank. I will give you a call on Monday, May 6<sup>th</sup> to answer any questions that you may have about the project. Until then, please do not hesitate to contact me directly at (804) 200-6381 or Circa's~ Lead Archaeologist, Carol Tyrer, at (757) 880 4187 if you have any questions or require additional information. Thank you for your time and attention to this project.

Respectfully,  
Timmons Group

A handwritten signature in black ink, appearing to read 'BSnyder', written in a cursive style.

Ben Snyder, EIT  
Environmental Scientist

CC: Carol Tyrer, Circa ~ Cultural Resource Management (via electronic mail)

*PREPARED BY:*



380 SOUTHPOINTE BLVD., SUITE 405  
CANONSBURG, PA 15317

## **NORTH BRANCH PIGEON CREEK MITIGATION BANK REQUEST TO INITIATE SECTION 106 CONSULTATION**

**APRIL 2013**



*PREPARED IN CONSULTATION WITH:*



1001 BOULDERS PARKWAY, SUITE 300  
RICHMOND, VIRGINIA 23225  
PHONE: 804.200.6500  
FAX: 804.560.1648  
WWW.TIMMONS.COM  
TIMMONS GROUP PROJECT No. 33548

# **NORTH BRANCH PIGEON CREEK MITIGATION BANK**

## **REQUEST TO INITIATE SECTION 106 CONSULTATION**

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**EXHIBIT 4A**

**SHPO SECTION 106 PROJECT REVIEW FORM**



# PROJECT REVIEW FORM

## Request to Initiate SHPO Consultation on State and Federal Undertakings

<b>SHPO USE ONLY</b>
DATE RECEIVED:
ER NUMBER:

REV: 5/2012

### SECTION A: GENERAL PROJECT INFORMATION

Is this a new submittal?	YES	NO	OR	This is additional information for ER Number:
Project Name				County
Project Address				
City/State/ Zip				Municipality

### SECTION B: PRIMARY CONTACT INFORMATION

Name	Phone
Company	Fax
Street/P.O. Box	Email
City/State/Zip	

### SECTION C: PROJECT DESCRIPTION

<b>This project is located on:</b> (check all that apply)	Federal property	State property	Municipal property	Private property
<b>List all Federal and State agencies and programs (funding, permits, licenses) involved in this project</b>	Agency Type	Agency/Program/Permit Name	Project/Permit/Tracking Number (if applicable)	

#### Proposed Work – Attach project description, scope of work, site plans, and/or drawings

Project includes (check all that apply):	Construction	Demolition	Rehabilitation	Disposition
Total acres of project area:	Total acres of earth disturbance:			
Are there any buildings or structures within the project area?	Yes	No	Approximate age:	
This project involves properties listed in or eligible for listing in the National Register of Historic Places, or designated as historic by a local government	Yes	No	Unsure	Name of historic property or historic districts

<b>Please print and mail completed form and all attachments to:</b>  <b>PHMC</b> <b>State Historic Preservation Office</b> <b>400 North St.</b> <b>Commonwealth Keystone Building, 2<sup>nd</sup> Floor</b> <b>Harrisburg, PA 17120-0093</b>	<b>Attachments – Please include the following information with this form</b>				
		<b>Map</b> – 7.5' USGS quad showing project boundary and Area of Potential Effect			
		<b>Description/Scope</b> – Describe the project, including any ground disturbance and previous land use			
		<b>Site Plans/Drawings</b> – Indicate the location and age, if known, of all buildings in the project area			
	<b>Photographs</b> – Attach prints or digital photographs showing the project site, including images of all buildings and structures keyed to a site plan				

<b>SHPO DETERMINATION (SHPO USE ONLY)</b>	<b>SHPO REVIEWER:</b>
<input type="checkbox"/> There are <b>NO HISTORIC PROPERTIES</b> in the Area of Potential Effect <input type="checkbox"/> The project will have <b>NO EFFECT</b> on historic properties <input type="checkbox"/> The project will have <b>NO ADVERSE EFFECTS</b> on historic properties:	<input type="checkbox"/> The project will have <b>NO ADVERSE EFFECTS WITH CONDITIONS</b> (see attached) <input type="checkbox"/> <b>SHPO REQUESTS ADDITIONAL INFORMATION</b> (see attached)

**EXHIBIT 4B**

**CIRCA~ MANAGEMENT SUMMARY**

*Circa~ Cultural Resource Management, L.L.C.*  
*453 McLaws Circle, Suite 3*  
*Williamsburg, Virginia 23185*  
*(757) 220-5023*

**Management Summary**  
**North Branch Pigeon Creek Mitigation Bank**  
**Washington County, Pennsylvania**  
**April 2013**

**Introduction**

In March 2013, Circa~ Cultural Resource Management, LLC (Circa~) conducted a review and site visit of the North Branch Pigeon Creek Mitigation Bank (Site) located in Washington County, Pennsylvania. The property consists of approximately 44.3 acres as shown in Exhibit 4: Site Maps. First Pennsylvania Resource, L.L.C. (Sponsor), a wholly owned subsidiary of Resource Environmental Solutions (RES), proposes to establish the Site. The Site is located 8.5 miles east of Washington, Pennsylvania and is generally bounded by Young Road to the north, Brownlee Road to the east, mid successional forest to the south, and open pasture to the west. The Site drains to the North Branch of Pigeon Creek and is located within the Lower Monongahela Subbasin - HUC 05020005 (a contributing watershed within State Water Plan Watershed Subbasin 19).

Currently the Site resides in recently grazed pasture land and limited sections of mid successional forest. Degraded palustrine emergent (PEM) wetlands exist in the northeastern and southeastern portions of the Site along the stream corridor. There are two streams onsite, the North Branch of Pigeon Creek flowing north to south and an unnamed tributary of the North Branch of Pigeon Creek flowing from the west to the east. The unnamed tributary of the North Branch of Pigeon Creek joins the North Branch of Pigeon Creek in the northeastern portion of the site. Both of these streams are experiencing channel bed and bank instability as indicated by improper channel dimensions, pattern and profile. The instability is due to hoof shear stress, channelization, lack of riparian buffer, and inadequate access to their floodplains.

The goal of the project will be to restore and preserve self-sustaining, functional stream, wetland, and riparian corridors to replace the functions and values lost from adverse impacts to streams and wetlands due to various authorized development projects within the Lower Monongahela Subbasin (State Water Plan Watershed Subbasin 19). The development efforts will provide an in-kind replacement for the direct loss or functional degradation of stream, wetland, and riparian resources that result from unavoidable aquatic resource impacts. In addition, the structural establishment of these functional improvements in advance of the compensated functional impacts will serve to eliminate the temporal loss of function which may result from alternative mitigation approaches.

The project will include a combination of restoration or conservation of all stream channels, wetlands, and riparian areas within the stream corridor. Existing upland forest

areas outside of the stream corridor will also be conserved. Targeted aquatic functions to be restored include improvements to wildlife habitat, water quality, flood conveyance and storage, and erosion control through the implementation of natural channel design, vegetation controls, and long-term land protection.

Restoration modifications will vary as appropriate throughout the Site and will include, but are not limited to, natural channel design techniques, channel cross section and pattern corrections, stream bank stabilization and bioengineering techniques, grade control, in-stream structures, and establishment of forested riparian buffers. The project will also restore and conserve riparian zones along both banks of streams including wetlands identified within the limits of the proposed conservation easement. Additional detail regarding these measures has been provided in Exhibit 4: Site Maps. The width of the deeded riparian protection zone (perpetual conservation easement) will vary throughout depending on the Site constraints. The approximate 44.3 +/- acre Site is being entered into a perpetual conservation easement by the Sponsor.

### **Environmental Background**

The primary reasons for incorporating environmental studies into archaeological projects are to learn of possible environmental constraints or lack of constraints, to determine the presence or absence of critical resources that might have influenced site distribution, and to discover environmental factors such as erosion, deposition, subsidence, and historic land use patterns that might have influenced the integrity of archaeological sites once they formed. Keeping these objectives in mind, a brief environmental summary of the Site is provided below.

The topography of the Site consists of a steep sided north to south trending ridge located just to the west. The steep side slopes extend into the Site from the west and drain the upland areas into the stream. Immediately to the north and east of the Site, the topography rises in elevation creating a narrow stream valley. Elevations within the Site range from 1,240 feet above mean sea level (AMSL) along the eastern edge of the Site to 1,060 feet AMSL along the stream bank.

Aerial photos from 1993 to the present show no change within the Site during the last 20. The aerial photos are shown as Figures 1 through 7.



Figure 1. 1993 aerial view of Site from Google Earth.

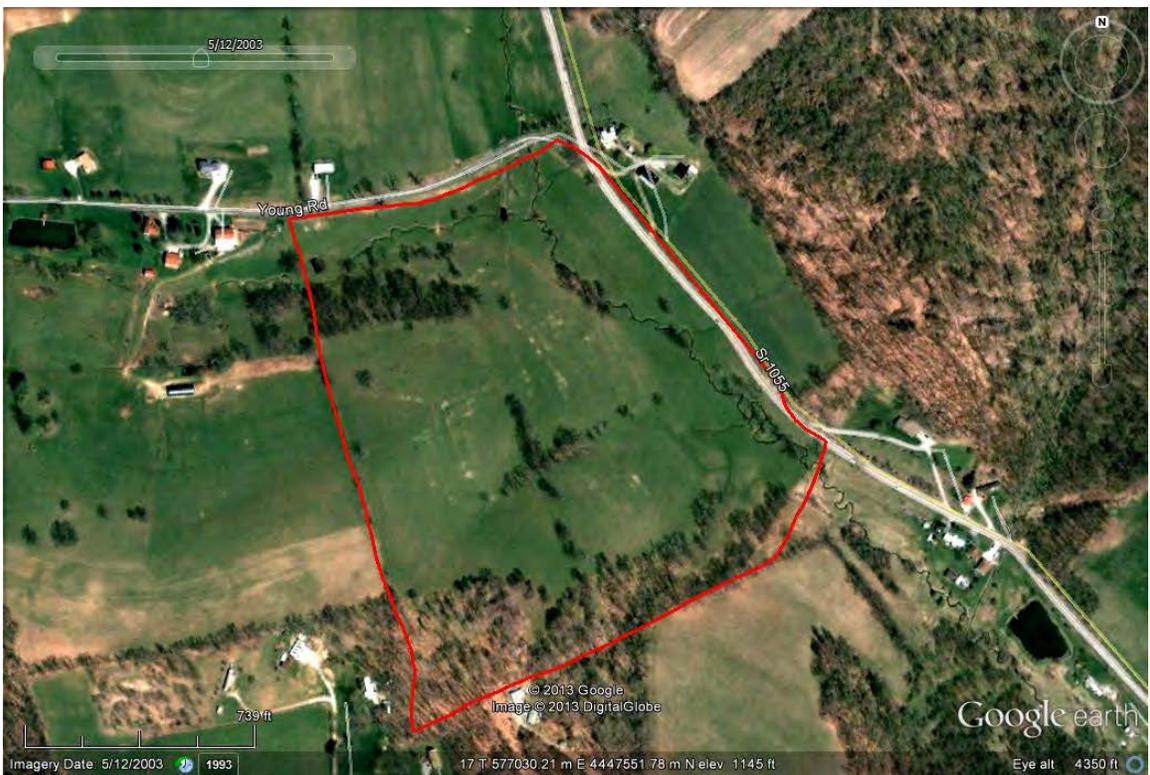


Figure 2. 2003 aerial view of Site from Google Earth.



Figure 3. 2005 aerial view of Site from Google Earth.



Figure 4. 2006 aerial view of Site from Google Earth.



Figure 5. 2008 aerial view of Site from Google Earth.



Figure 6. 2010 aerial view of Site from Google Earth.

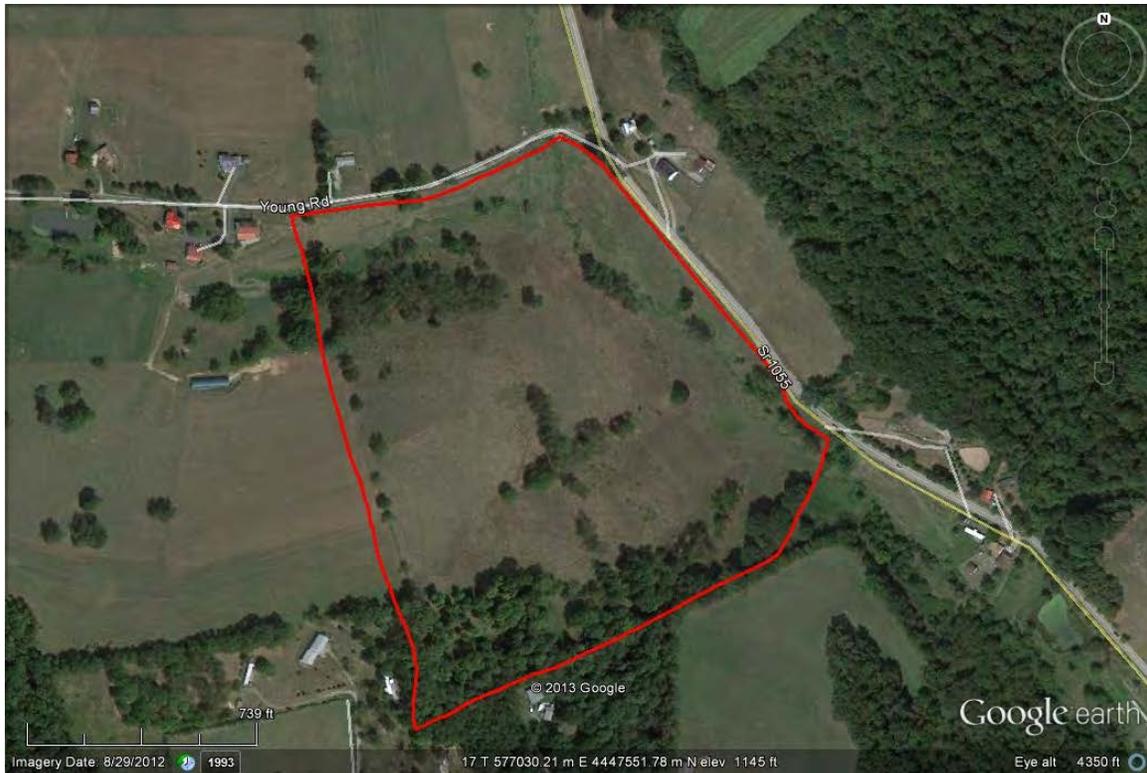


Figure 7. Current aerial view of Site from Google Earth.

### Soils Identified Within the Site

According to the Natural Resources Conservation Service (NRCS), at least nine different soil types and soil type variants exist within the Site. These soil types and variants include Dormont-Culleoka silt loam, 15% to 25% slopes; Dormont-Culleoka silt loam, 25% to 50% slopes; Newark silt loam; Guernsey silt loam, 8% to 15% slopes; Weikert-Culleoka complex, 3% to 8% slopes; Dormont silt loam, 8% to 15% slopes; Fluvaquents, loamy; Culleoka silt loam, 3% to 8% slopes; and Weikert-Culleoka complex, 15% to 25% slopes. Each of these types and variants are described below including references to drainage, hunting and gathering potential, and horticultural and agricultural productivity potential. Further, conclusions regarding the suitability of each for historic and Native American occupation and archaeological site probability are also explained.

Dormont-Culleoka silt loam, 15% to 25% slopes (DtD) is the primary soil identified within the Site covering approximately 31% of the northwestern, southeastern, and extreme southwestern portions of the Site (Figure 8). Dormont-Culleoka silt loam, 25% to 50% slopes (DtF) is identified within the northeastern, western, and northwestern portions of the Site covering approximately 27% of the Site. Newark silt loam (Nw) is identified within the eastern and northern portions of the Site covering approximately 15% of the Site. Guernsey silt loam, 8% to 15% slopes (GeC) is identified within the central and extreme northwestern portions of the Site covering approximately 12% of the Site. Weikert-Culleoka complex, 3% to 8% slopes (WeB) is identified within the southwestern portion of the Site covering approximately 5% of the Site. Dormont silt loam, 8% to 15% slopes (DoC) is identified within the western portion of the Site

covering approximately 4% of the Site. Fluvaquents, loamy (Fa) is identified within the northern portion of the Site covering approximately 4% of the Site. Culleoka silt loam, 3% to 8% slopes (CaB) is identified within the western portion of the Site covering approximately 1% of the Site. Weikert-Culleoka complex, 15% to 25% slopes (WeD) is identified within the eastern portion of the Site covering approximately 1% of the Site.



Figure 8. Site soil map from NRCS website.

*Dormont Silt Loam (DoC, DtD, DtF)*

Dormont silt loam soil is a deep to very deep, moderately well drained soil formed in residuum of non-acidic shale and siltstone and thin beds of limestone and sandstone found on hills, hill slopes, summits, and interfluvial sideslopes (NRCS 2013). Solum thickness ranges from 36 to 75 inches and depth to bedrock is over 40 inches in this very strongly acidic to slightly acidic soil. This soil features a low to very high surface runoff. Most of this soil is used for pasture, woodland, and some cropland with corn, soybeans, and small grains. Where wooded, this soil can support mixed hardwoods dominated by oak and maple.

*Culleoka Silt Loam (CaB, DtD, DtF, WeB, WeD)*

Culleoka silt loam soil is a moderately deep, well drained, moderately to moderately rapidly permeable soil formed in colluvium or residuum from siltstone or interbedded shale, limestone, siltstone, and fine grained sandstone found on steep upland hillsides and narrow ridge crests (NRCS 2013). Solum thickness ranges from 20 to 40 inches and depth to bedrock ranges from 20 to 40 inches in this moderately to strongly acidic soil. This soil features a negligible to very high surface runoff. Most of this soil is in pasture and hay with some tobacco, corn, and small grains. The native forest includes oak,

maple, black walnut, ash, hickory, beech, elm, hackberry, locust, Kentucky coffee tree, redbud, dogwood, and red cedar.

*Newark Silt Loam (Nw)*

Newark silt loam soil is a very deep, somewhat poorly drained, moderately permeable soil formed in mixed alluvium from limestone, siltstone, sandstone, and loess found on nearly level floodplains and in depressions (NRCS 2013). Depth to bedrock is over 60 inches in this moderately acidic to slightly acidic soil. Rock fragments, made mostly of rounded pebbles, range from 0% to 5% by volume and manganese and iron concretions or nodules are few to many in all horizons. This soil features a negligible to very low surface runoff. Most areas of this soil are subject to occasional or frequent flooding or ponding. Most areas are used for corn, soybeans, grains, sorghum, hay, or pasture. The native vegetation consisted of bottomland hardwoods, mostly water tolerant oaks, maples, elms, sycamore, poplar, willow, shagbark hickory, green ash, reeds, and rushes.

*Guernsey Silt Loam (GeC)*

Guernsey silt loam soil is a deep, moderately well drained, moderately slowly to slowly permeable soil formed in colluvium and residuum from interbedded siltstone, shale, and limestone found on benches and sideslopes on dissected uplands (NRCS 2013). Solum thickness ranges from 30 to 60 inches and depth to bedrock is over 60 inches in this slightly acidic to moderately acidic soil. Some pedons have free carbonates at a depth over 30 inches and rock fragments, mostly small flat fragments of sandstone, siltstone, or limestone, range from 2% to 15% by volume. This soil features a low to very high surface runoff. Most of this soil has been farmed but is now used for pasture. Approximately one-third is cultivated in corn, wheat, oats, and mixed hay. Some areas of this soil are forested with an original vegetation of hardwood forest.

*Weikert Complex (WeB, WeD)*

Weikert soil is a shallow, well drained, moderately rapidly permeable soil formed in material weathered from interbedded gray and brown acid shale, siltstone, and fine grained sandstone found on gently sloping to very steep areas on dissected uplands (NRCS 2013). Solum thickness ranges from 8 to 20 inches and depth to bedrock ranges from 10 to 20 inches in this moderately acidic to very strongly acidic soil. Rock fragments range from 5% to 50% and have a low content of feldspars, hydrobiotite, and chlorite. This soil features a negligible to high surface runoff. Most of this soil is cleared and used for cropland or pasture or is idle. Forested areas are typically mixed deciduous hardwoods.

*Fluvaquents (Fa)*

Fluvaquents soil is a very deep, poorly drained soil formed in clayey marine and fluvial sediments on the Coastal Plain (NRCS 2013). Solum thickness ranges from 12 to 80 inches in this very strongly acidic to slightly acidic soil. This soil is not well suited for crops.

## Bureau for Historic Preservation (BHP) Cultural Resources GIS (CRGIS) File Research

Circa~ performed an archival search for the Site using the CRGIS on the Pennsylvania Historical and Museum Commission (PHMC) website on February 28, 2013. This research was completed to determine if historic resources exist within the Site. No archaeological resources were recorded on or within 1,000 feet of the Site. Figures 9 and 10 show the approximate Site and surveys completed within a 1,000 foot buffer area (orange shaded area). The two archaeological surveys recorded to the north are located at the headwaters of the North Branch of Pigeon Creek. One of these headwater areas contributes drainage to the portion of the North Branch of Pigeon Creek which runs through the eastern part of the Site.

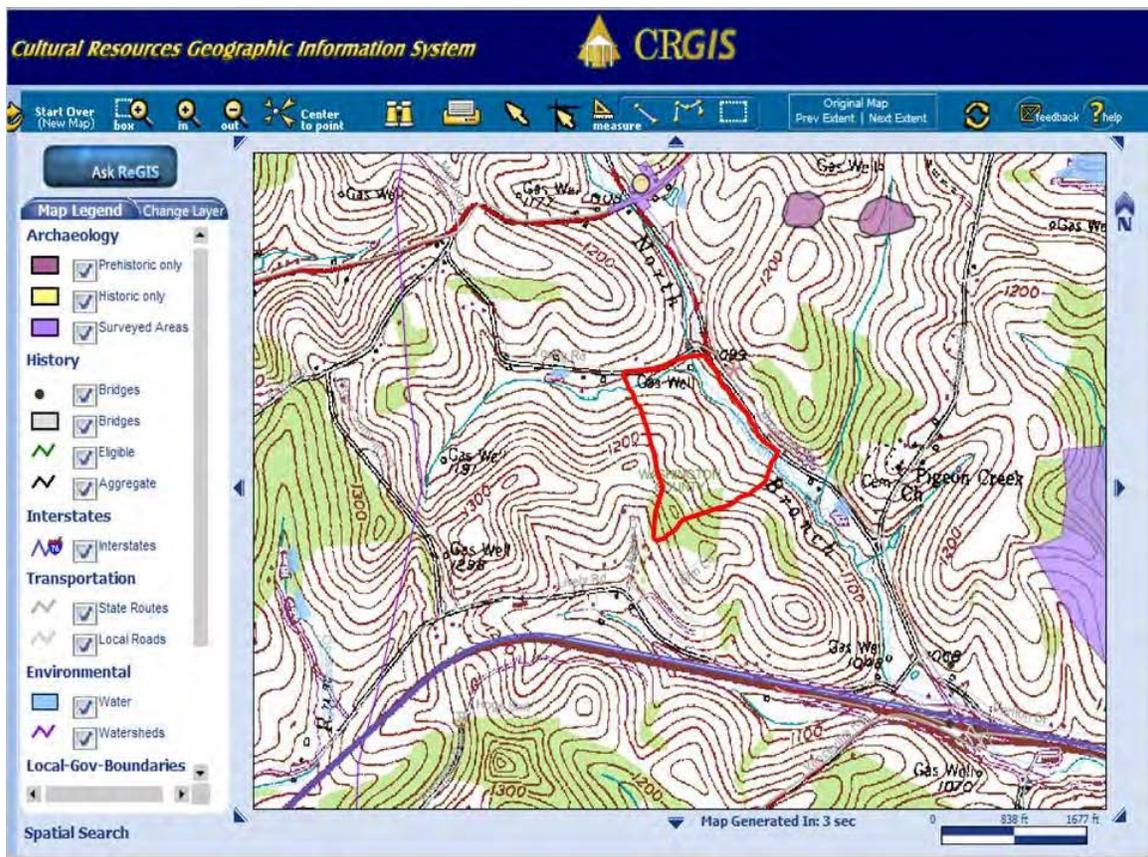


Figure 9. Site Map from CRGIS on PMHC website.

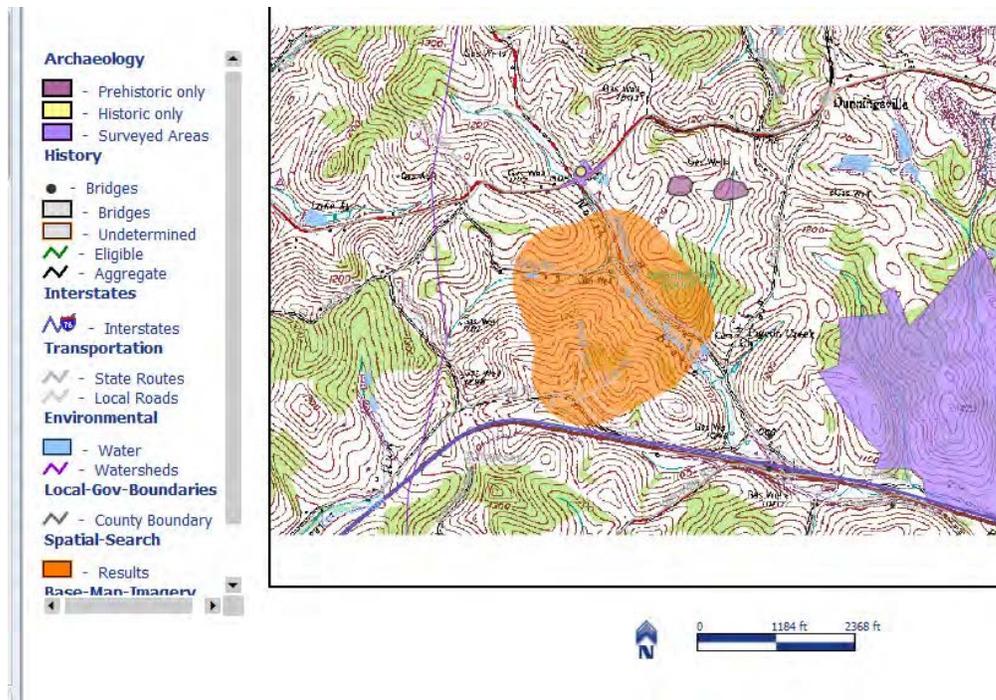


Figure 10. Map of archaeological surveys completed within a 1,000 foot area around the Site.

### Results and Summary

Within the Site there are three ca. early to mid 20<sup>th</sup> century structures located along the northern portion (Figure 11).

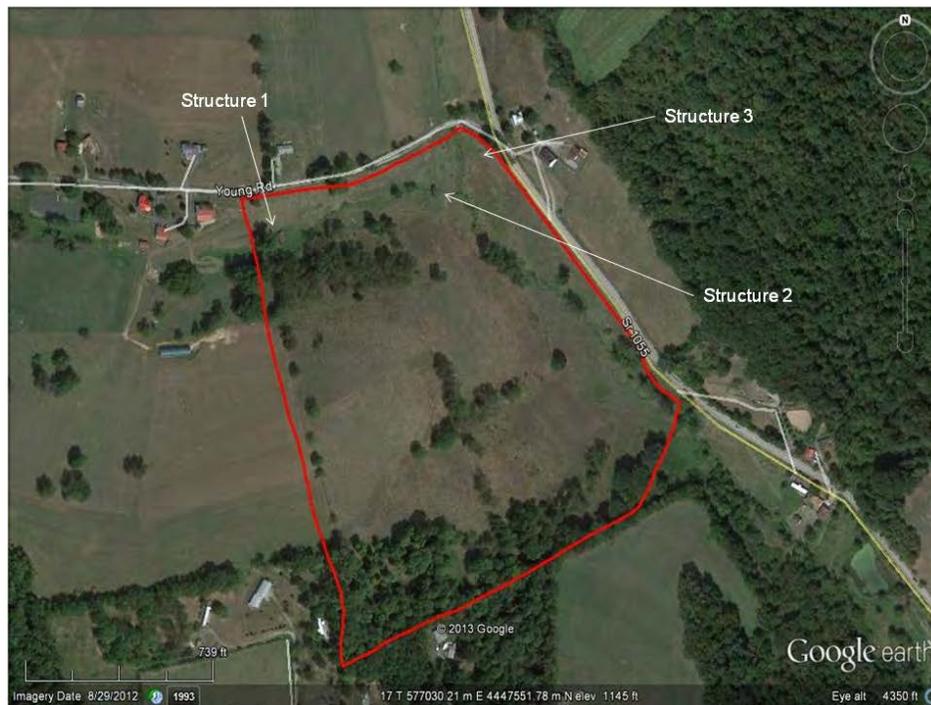


Figure 11. Map showing location of structures within the Site.

*Structure 1, shed*

This structure is located in the northwestern portion of the Site close to Young Road and is surrounded by an open field. Facing east, the structure is set on the edge of the floodplain north of the stream channel.

This ca. early 20<sup>th</sup> century, one story, three bay, shed roof, wood frame shed is clad in vertical wood planks and rests on the ground (Plate 1). The roof is covered in standing seam metal with exposed rafter tails. No windows are visible on the shed. The façade is open and supported by round rough cut logs with wood bracing on the two northernmost bays.



Plate 1. View of Structure 1 facade looking southwest.

*Structure 2, covered bridge*

This structure is located in the northeastern portion of the Site close to the intersection of Young Road and Brownlee Road and is surrounded by an open field. Facing east, the structure is set over the stream channel.

This ca. early 20<sup>th</sup> century, one story, one bay, front gable, wood frame covered bridge is clad in vertical wood planks painted red and rests on a wood pier foundation (Plate 2). The raised roof is covered in standing seam metal and supported by wood bracing, leaving an opening between the roofline and the walls. The gable ends project over the entrances. Rectangular openings are visible on the sides (east and west) elevations, although the windows have been removed. The façade and rear (north) elevations are open. On the side (east) elevation, the remains of a cattle brush are visible. The interior

of the bridge consists of one open room with exposed wooden roof trusses and exposed wood framing with a dirt floor over a corrugated metal pipe (Plate 3).



Plate 2. View of Structure 2 façade and side elevation looking west.



Plate 3. View of Structure 2 interior looking south.

*Structure 3, well house*

This structure is located in the northeastern portion of the Site close to the intersection of Young Road and Brownlee Road and is surrounded by an open field. Facing west, the structure is set into a small rolling hill and vegetation is beginning to envelope the side (north and south) elevations.

This ca. early 20<sup>th</sup> century, one story, one bay, front gable, concrete block structure rests on a poured concrete slab on grade foundation (Plate 4). The roof is covered in standing seam metal with vertical wood planks painted red in the gable end on the facade. No windows are visible on the structure. The entrance on the façade consists of a single leaf, wood frame opening; the door has been removed.



Plate 4. View of Structure 3 façade looking east.

The pedestrian walkover did not locate any archaeological resources or surface deposits of artifacts within the Site. The unnamed tributary in the northwestern section of the Site is roughly 75 feet wide and spreads out as it flows to the northeastern section where it joins the North Branch of Pigeon Creek. Flowing southeast, the North Branch of Pigeon Creek is fairly consistent at roughly 200 feet wide (Plates 5 - 9). The locations of the photos in plates 1 through 9 are indicated in the attached Archaeological Photograph Location Map. Brownlee Road, Young Road, and the houses on the opposite side of the road were constructed on the semi-level margins along the edge of the eastern and northern slopes. These areas appear to have been historically flatter, larger, and further removed from the actual stream channel. The steep slopes encompass the unnamed tributary until it joins the North Branch of Pigeon Creek where the slopes become more gradual.

Although the stream valley within the Site could have been used by Native Americans for hunting and gathering purposes or small encampments, these resources would have probably been restricted to the higher landforms at the margins of the steep slopes just to the east and north of the Site. Within the Site, no areas with level landforms along the margins of the upland and low lands were noted.

In sum, the Site consists of a narrow stream valley with steep side slopes. The construction related activities are restricted to 8.3 acres within the narrow stream valley as indicated in Exhibit 4: Site Maps - Figure 6. In addition, the stream meanders and appears to have changed course during flooding episodes. There should also be no effect to any viewsheds as the project is limited to restoration. Circa~ recommends that the proposed project will not have any impacts to any cultural resources listed on or potentially eligible for listing on the National Register of Historic Places. Therefore, no further work is recommended.



Plate 5. View of Site looking south.



Plate 6. View of Site looking northeast.



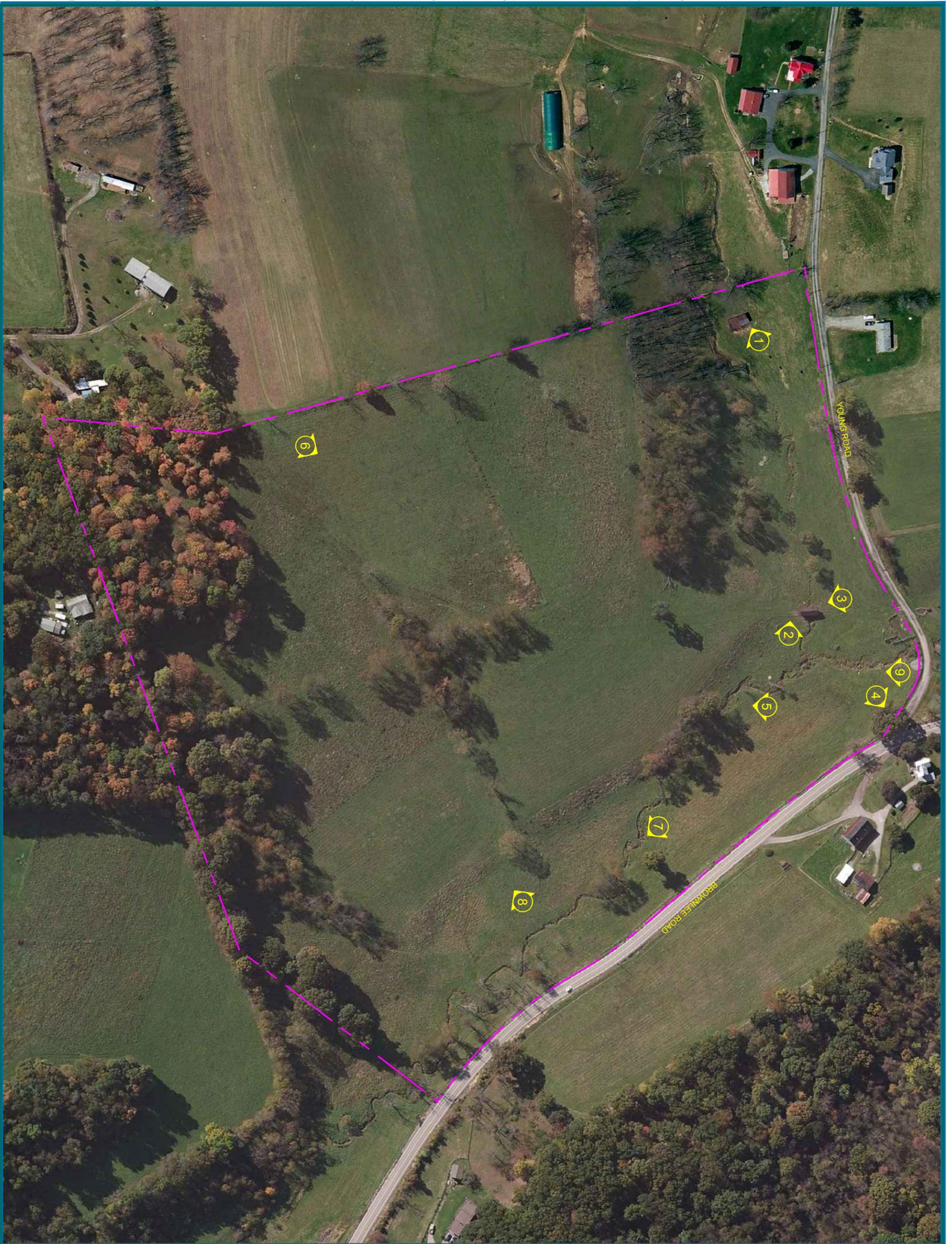
Plate 7. View of Site looking southeast.



Plate 8. View of Site looking west.



Plate 9. View of Site looking south.



PENNSYLVANIA  
1983 NAD DATUM SOUTH

SCALE 1"=200'



NORTH BRANCH  
PIGEON CREEK  
MITIGATION BANK  
ARCHAEOLOGICAL  
PHOTOGRAPH LOCATION  
MAP  
WASHINGTON COUNTY,  
PENNSYLVANIA

**LEGEND**

--- NORTH BRANCH PIGEON  
CREEK MITIGATION BANK  
PROJECT LIMITS  
(44.3 ACRES+/-)



PHOTOSTATION

- NOTES:**
1. PROJECT STUDY LIMITS ARE APPROXIMATE.
  2. AERIAL IMAGERY FROM ESRI ONLINE-2012.