

Dunn, Patrick

From: Armstrong, Atalaya <Atalaya.Armstrong@dep.nj.gov>
Sent: Wednesday, December 23, 2015 11:21 AM
To: Dunn, Patrick; DEP NJHPO
Cc: Jablon, Rebecca; Pettit, Chris; McEvoy, Kim; Rickman, Brett (Brett.Rickman@icfi.com) (Brett.Rickman@icfi.com); Rickman, Brett (Brett.Rickman@icfi.com) (Brett.Rickman@icfi.com); McGee, Fawn; Kelleher, Deirdre
Subject: Completed Submission 16-0677/ 16-0678/ 16-0679 NJDEP
Attachments: L2015-183.pdf

Mr. Dunn:

The 2118 Butternut Road documentation has been reviewed, signed, and scanned.
Please find attached HPO-L2015-183
If you have any issues with the attachments or require additional information, please feel free to let us know.

Regards-

Atalaya Armstrong
NJ State Historic Preservation Office
Mail Code 501-04B
Historic Preservation Office
NJ DEP
PO Box 420
Trenton, NJ 08625-0420
Phone: 609.292.0061



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From: Dunn, Patrick [mailto:DunnPW@cdmsmith.com]
Sent: Monday, December 07, 2015 5:53 PM
To: DEP NJHPO
Cc: Jablon, Rebecca; Pettit, Chris
Subject: Section 106 Review - BA-Wall

Hello,

I am in the process of completing an environmental assessment for a CDBG-DR funded project known as Blue Acres – Wall Township. The proposed project would acquire three residential properties in Wall Township, Monmouth County and dispose of all man-made features on the properties, such as dwellings, foundations, sheds, garages, fences, and driveways. The acquired properties would be permanently preserved as open space. The proposed activity sites are as follows: 2118 Butternut Road (PAMS PIN 1352_277_17), 2116 Butternut Road (PAMS PIN 1352_277_18), and 2125 Old Mill Road (PAMS PIN 1352_723_5).

Please find attached the identification and effects assessment report for the proposed project for your review. Let me know if you require any additional details.

Thank you,

Patrick Dunn, AICP, CFM
Planner
CDM Smith
125 S. Wacker Drive, Suite 600
Chicago, IL 60606
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dunnpw@cdmsmith.com



HPO Project#: 16-0677-1
16-0678-1
16-0679-1
HPO-L2015-183

State of New Jersey

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DEPARTMENT OF ENVIRONMENTAL PROTECTION

NATURAL & HISTORIC RESOURCES

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Governor

BOB MARTIN

Commissioner

KIM GUADAGNO

Lt. Governor

December 22, 2015

Patrick Dunn, Planner
CDM Smith
125 S. Wacker Drive, Suite 600
Chicago, IL 60606

Dear Mr. Dunn:

As Deputy State Historic Preservation Officer for New Jersey, I am providing Consultation Comments in accordance with 36 CFR Part 800: Protection of Historic Properties, as published with amendments in the Federal Register on July 6, 2004 (44 FR 40553-40555) for the following proposed undertaking:

**Monmouth County, Wall Township
Blue Acres Acquisition Properties
2116 & 2118 Butternut Road, 2125 Old Mill Road
New Jersey Department of Community Affairs
U.S. Department of Housing and Urban Development**

800.4 Identifying Historic Properties

Thank you for providing the Historic Preservation Office (HPO) with the opportunity for review and comment on the potential for the above-referenced project to affect historic and archaeological resources. These comments are in response to the identification and assessment letter report completed by Hunter Research, Inc. and received by the HPO on December 7, 2015. As stated in the letter report, the New Jersey Department of Community Affairs (DCA), as the Responsible Entity for the U.S. Department of Housing and Urban Development (HUD), is proposing to use Community Development Block Grants Disaster Recovery (CDBG-DR) program funds for the Department of Environmental Protection Blue Acres program to acquire and demolish three properties in Wall Township, Monmouth County. These properties have all been subject to repetitive flood losses and will be returned to green space following acquisition and demolition.

Architecture

The letter report states that the three residential buildings included in the submission are less than 50 years old. Additionally, the only extant historic resource identified in close proximity to the Blue Acres properties is the Old Mill (SHPO Opinion: 7/3/1980), which is located approximately 300-800 feet away from the Blue Acres properties. Although the Old Mill does not border any of the properties, 2125 Old Mill Road is adjacent to the associated mill pond and remnants of the mill waterpower system appear to be present within that property.

Archaeology

Given the three properties' proximity to Hannabrand and Wreck Pond Brooks, as well as the relatively late development of the parcels in the mid-20th century, the letter report states the potential for Native American archaeological resources is considered moderate in those areas undisturbed by 20th-century urban development. Additionally, Historic map research outlined in the letter report indicates that a historic mill was located in close proximity to the property at 2125 Old Mill Road during the 19th century. Photographs of the property at 2125 Old Mill Road in the letter report document the presence of a channelized brook (possibly a sluice) and gate-like feature potentially associated with the mill. These factors indicate project area has high potential to contain archaeological historic properties.

Based on the archaeological sensitivity of the three properties, the letter report recommends demolition procedures should apply the FEMA – Best Practices for Lower Impact Debris Removal and Demolitions (LIDRS) guidelines. *The HPO concurs with this assessment and understands Blue Acres follows these guidelines during project implementation. Additionally, the HPO recommends that the potentially mill-related features, including the channelized brook and gat in the rear of 2125 Old Bridge Road, be retained and left in place.*

800.5 Assessment of Adverse Effects

Consequently, the HPO finding under Section 106 of the National Historic Preservation Act and its implementing regulations, 36 CFR § 800, is **Conditional No Historic Properties Adversely Affected**. This finding is based on the condition that the applicant shall follow the Lower Impact Debris Removal and Demolition (LIRDS) guidelines for all properties and mill-related features shall remain undisturbed behind 2125 Old Bridge Road. If archaeological deposits are discovered during project implementation, all construction work must stop, the federal agency or Responsible Entity must be notified, and additional consultation under 36 CFR Part 800.13 shall be necessary.

Street Address	Block	Lot	HPO Project #	Finding and Recommendations
2116 Butternut Road	277	18	16-0677-1	Conditional NHPAA– Use LIRDS
2118 Butternut Road	277	17	16-0678-1	Conditional NHPAA – Use LIRDS
2125 Old Mill Road	723	5	16-0679-1	Conditional NHPAA – Use LIRDS, leave mill-related features in place

Additional Comments

Thank you again for providing this opportunity for review and comment on the potential for this project to affect historic and archaeological resources. Please reference the HPO project numbers 16-0677, 16-0678, and 16-0679 in any future calls, emails, submissions, or written correspondence to help expedite your review and response. If you have any questions, do not hesitate to contact Deirdre Kelleher of my staff with questions regarding archaeology or Piia Helve of my staff with questions regarding historic architecture at (609) 292-1913.

Sincerely,



Daniel D. Saunders
Administrator and Deputy State Historic
Preservation Officer

Cc. Kim McEvoy, NJDEP
Rick Starzak, ICFI
Brett Rickman, ICFI
Fawn McGee, NJDEP – Green Acres

DDS/KM/ph/dk

December 7, 2015

Mr. Daniel Saunders
Administrator and Deputy State Historic Preservation Officer
New Jersey Department of Environmental Protection
Mail-code 501-04B
P.O. Box 420
Trenton, NJ 08625-0420

**Re: Identification and Effect Assessment
Blue Acres Acquisition Properties
2116 Butternut Road, 2118 Butternut Road and 2125 Old Mill Road
Wall Township, Ocean County, New Jersey**

Dear Mr. Saunders:

This letter serves as initial consultation pursuant to Section 106 of the National Historic Preservation Act for the above-referenced project. On October 29, 2012, Superstorm Sandy made landfall over the New Jersey coast. The storm surge inundated and severely affected the State's shoreline from Cape May to Raritan Bay, along the Hudson River, and on the estuaries connecting to Raritan Bay and Newark Bay. Other overland flooding, wind damage and an ensuing snowstorm further damaged these communities as well as other communities throughout New Jersey. The State of New Jersey was included in the U.S. Department of Housing and Urban Development (HUD) Community Development Block Grants Disaster Recovery (CDBG-DR) Program pursuant to the Disaster Relief Appropriations Act of 2013 (Public Law 113-2, approved January 29, 2013). The New Jersey Department of Community Affairs (DCA), as the Responsible Entity, is proposing to use CDBG-DR funds for its Blue Acres program to acquire properties (including structures) that have been damaged by, or may be prone to incurring damage caused by, storms or storm-related flooding, or that may buffer or protect other lands from such damage, and are eligible for acquisition from willing sellers.

The Undertaking

The undertaking consists of the acquisition and demolition of three (3) properties in Wall Township, Ocean County, New Jersey (Figures 1 and 2). The properties are being purchased using CDBG-DR funding and will be returned to open space. CDBG-DR funding will also be used to demolish and remove site improvements to these properties. These homes were all damaged as a result of Hurricane Sandy and have suffered from repetitive damage in previous

storms; therefore, future storms pose similar threats. Table 1 provides a list of the properties proposed for buyout and demolition:

Table 1. Properties To Be Acquired with Blue Acres Funding

Last name, First name	Street Address	Block	Lot	Year Built	Coordinates	
Manning, Wendell & Suzanne	2118 Butternut Road	277	17	1982	40° 08' 34.46" N	74° 03' 05.73" W
Tenaglia, Joseph	2125 Old Mill Road	723	5	1975	40° 08' 36.58" N	74° 03' 14.47" W
Meccia, Matthew	2116 Butternut Road	277	18	c. 1970	40° 08' 35.59" N	74° 03' 06.84" W

The New Jersey Division of Property Management and Construction (NJDPMC) will engage a contractor to demolish and remove structures and improvements on each property. The contractor will demolish and remove the dwelling and associated garages and sheds (including removing basements, slabs or crawl spaces); close wells, cisterns, shallow wells (i.e. points, cesspools, or any subsurface disposal system for either sewage or laundry waste); pump and fill in septic systems and cesspools; remove storage tanks and disconnect utilities. Figure 2 depicts the property locations on an aerial photograph.

Area of Potential Effect

The Area of Potential Effect (APE) for archaeology consists of the tax parcel boundaries of those properties identified above in Wall Township, Ocean County, New Jersey. The APE for architecture includes those tax parcels and adjacent parcels where visual effects may be anticipated.

Known Cultural Resources

Archaeological Resources

Review of forms on file at the New Jersey State Museum (NJSM) indicates that there are no known archaeological resources within 1,000 feet of the archaeological APE. Cultural resource investigations conducted at the Phase I level in the vicinity of the APE were reviewed. These investigations did not identify significant archaeological resources. However, given the properties' location near water, the potential for prehistoric archaeological resources is considered moderate in those areas undisturbed by 20th-century urban development. There is also moderate potential for historic archaeological resources associated with the Old Mill in the general vicinity of the APE.

Historic Architectural Resources

The proposed demolitions in Wall Township include no buildings that are older than 48 years. Although the tax record for 2116 Butternut Road states that the structure was constructed in

1950, examination of the aerial photographs does not support this. The property remains undeveloped on the 1963 aerial map, and structures first appear on the 1970 aerial map.

A file review at the New Jersey Historic Preservation Office (NJHPO) identified one historic property located within 1,000 feet of the APE: *The Old Mill* (NJHPO Opinion: Eligible 7/3/1980) (Figure 3). This property was determined eligible as a result of project compliance for a sanitary sewer project in 1980 (Archaeological Resource Consultants 1980).

The Old Mill is located on the west side of Old Mill Road at the intersection with Pond Road north of Wreck Pond Brook between 350 to 800 feet north to northwest of the Blue Acres properties. A milling operation might have existed in the early 18th century, but it was not until the late 18th century that Wreck Pond Brook was dammed and the mill pond was created. The original mill was located on the south side of the brook, but after being destroyed by fire in 1895 the mill was rebuilt on the north side of Wreck Brook. In 1937 the mill was converted to a restaurant and subsequently destroyed by a fire in 1985. The present structure, known as the Old Mill Inn, was reconstructed on the foundation of the old mill site. It does not appear that the Old Mill has been re-evaluated for eligibility following the fire in 1985 and the subsequent reconstruction. The boundaries of the Old Mill do not border any of the properties under consideration, but the associated mill pond does border the rear of 2125 Old Mill Road. No other historic properties have previously been identified within 1,000 feet of the APE.

NJHPO files also indicate that a historic metal pony truss bridge, erected *circa* 1890-1910, carrying Old Mill Road over Wreck Pond Brook was determined eligible in 1989. This bridge was subsequently replaced (Hunton 1989).

Results of Identification and Evaluation

Archaeological Resources

A desktop review of archaeological files from the New Jersey State Museum verified that the APE contains no known and registered archaeological sites. The APE's overall geographic setting, situated on the intercoastal plain surrounded by multiple streams and brooks that drain into the Atlantic Ocean, indicates the potential for prehistoric occupation or settlement in areas that remain undisturbed by significant 20th-century development.

The three properties subject to this review fall in properties whose soils have been analyzed as mostly Udorthents (UdaB) or frequently flooded Humaquepts (HumAt) (Figure 4).

After reviewing historic maps, including Hills (1781), Gordon (1833), Lightfoot (1851), Beers (1873) and Wolverton (1889), it is confirmed that, with the exception of the mill and associated mill pond, the general area within 1,000 feet the APE remained mostly large open tracts of farmland and forest. Most residential development within 1,000 feet of the APE occurred from the late 1940s to the 1980s.

The Lightfoot (1851), Beers (1873) and Wolverton (1889) maps place the Old Mill at a different orientation to the pond and Wreck Pond Brook than the present-day location of the mill. These

all place the mill on the south side of the brook with the Lightfoot map placing it adjacent to the brook on the east side of Old Mill Road and the Beers and Wolverton maps placing it on the west side of the road. The Blue Acre's property at 2125 Old Mill Road would possibly be within 100 feet of the mill site shown on the Beers (1873) and Wolverton (1889) maps.

An historic aerial from 1931 shows the Old Mill on the north side of Wreck Pond Brook at its present-day location, as well the mill pond and Old Mill Road in their present orientations (NJGeoWeb 2015). The three properties under review were all undeveloped forested lots at this time. By 1947, Old Mill Road was paved and the mill complex, converted to a restaurant ten years earlier, shows signs of further development.

Development along Old Mill Road begins between 1947 and 1943; Butternut Road was laid out perpendicular to Old Mill Road between 1963 and 1970. The early 1970s shows significant residential development in the area, and 2125 Old Mill Road and 2116 Butternut Road were constructed at this time. The property at 2118 Butternut Road first appears on the historic aerials in 1979.

As mentioned above, there are no known or registered archaeological sites within 1,000 feet of the APE. The proposed undertaking is in an area characterized by suburban development, with large partially wooded lots. Hannabrand Brook runs through the lots of 2125 Old Mill Road and 2116 Butternut Road, where it joins with Wreck Pond Brook. The property boundary of 2118 Butternut Road is between 125 feet and 190 feet from Wreck Pond Brook. Given these properties were constructed in previously undeveloped land and are located in near streams and brooks, they have a moderate sensitivity for prehistoric archaeological resources.

Field inspection of the Blue Acres properties indicates, as would be expected, that the front yards and areas immediately surrounding the houses have been disturbed by activities associated with construction of the houses from the 1970s to the early 1980s, and by later landscaping activities and plantings (Photographs 1-2, 4, 6-10). In all three cases, however, there is less evidence of ground disturbance within the back yards (Photographs 3, 5, 11-12).

The property at 2125 Old Mill Road is located near the mill pond and dam for the Old Mill, which mid-19th-century atlas maps suggest was located on the south side of the brook and closer to the 2125 Old Mill Road property prior to relocating to the north side of the brook (Photograph 15). Field investigations identified a feature in Hannabrand Brook to the rear of 2125 Old Mill Road that might be related to the water supply system for the mill pond (Photograph 13). The brook itself looks like it might have been channelized or altered in some way (Photograph 14). Whether this was part of the mill's water supply system or done by the homeowner cannot be determined at this point.

Based on this assessment, all three properties are recommended to have a moderately low sensitivity for prehistoric archaeological resources based on being within 500 foot of a perennial water source, but this assessment is tempered by the fact that no archaeological sites have been previously identified nearby and that the soils are not well drained and thus not as conducive to the preservation of cultural materials.

The property at 2125 Old Mill Road is recommended to have moderate sensitivity for historic archaeological resources based on its proximity to the site of the Old Mill. It is not believed that the property is located on the site of the mill building but it is possible that some water features to the rear of the yard could be related to the remnants of a waterpower system.

Construction activity at these locations should not result in significant ground disturbance to archaeologically sensitive locations if NJDPMC follows Best Practices for Lower Impact Removal and Demolitions (LIRDS), a standard which the NJSHPO concurred with on June 21, 2013. The use of heavy equipment at these locations should be limited to hard surfaces and the rear portions of these properties should be avoided.

Table 2. Properties with a Low to Moderate Sensitivity for Archaeological Resources.

Street Address	Block	Lot	Recommendation
2118 Butternut Road	277	17	LIRDS Compliance
2125 Old Mill Road	723	5	LIRDS Compliance
2116 Butternut Road	277	18	LIRDS Compliance

Historic Architectural Resources

Fieldwork was conducted on November 19, 2015 in order to assess the architectural significance of each property within the APE as well as the effect future development on these properties may have on surrounding properties.

2116 Butternut Road (Photographs 1-2) – This 1.5-story, 3-bay, gambrel roof, brick house is in a contemporary Colonial Revival style. According to historic aerials and tax records, it was built in 1982 and is thus not over 50 years of age.

2118 Butternut Road (Photographs 4, 6-9) – This 1.5-story, 5-bay, gambrel roof, brick house is in a contemporary Colonial Revival style. Historic aerials clearly show that the house was built *circa* 1970 even though tax records give an inaccurate estimated date of 1950 (National Environmental Title Research 2015). The building is not over 50 years of age.

2125 Old Mill Road (Photograph 10) – This 1-story, 5-bay, side-gabled, wood-frame house has vinyl siding and one bay with a brick façade. It is in a contemporary ranch style with attached garage. According to historic aerials and tax records, it was built in 1975 and is thus not over 50 years of age.

Setting – there are no buildings over 50 years of age in the direct visual sight lines of the three Blue Acres properties.

There are no architectural properties over 50 years of age in the APE for architecture.

Summary

Based on the field evaluation, application of best practices, and the restriction of demolition activities to the listed tax parcels, Hunter Research, Inc. has determined there will be No Adverse Effects of Historic Properties within the Area of Potential Effect if NJDPMC follows Best Practices for Lower Impact Removal and Demolitions (LIRDS). We respectfully request your concurrence with these findings.

Yours sincerely,



Patricia A. Madrigal, M.A.
Principal Investigator

cc. Patrick Harshbarger, Hunter Research, Inc.

Appendices

- A. Figures
- B. Photographs

References Cited

Archaeological Survey Consultants

1980 A Report on the Phase I Cultural Resource Survey of the Proposed Alternate 5 Sanitary Sewer System in the Southeast Section of Wall Township, Monmouth County, New Jersey. On file, New Jersey Historic Preservation Office, Trenton, New Jersey.

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Hills, I.

1781 *A Map of Monmouth County, Reduced from the Original Survey*. On file, Library of Congress, Washington, D.C.

Hunton, Gail

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Lightfoot, Jesse and J.B. Shields and R.P. Smith

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National Environmental Title Research. *Historic Aerials*. On-line, www.historicaerials.com [accessed December 2015].

Wolverton, Chester and Forsey Breou

1889 *Wolverton's Atlas of Monmouth County, New Jersey: compiled from actual surveys, state and county official records and private plans*. C. Wolverton, New York, New York.

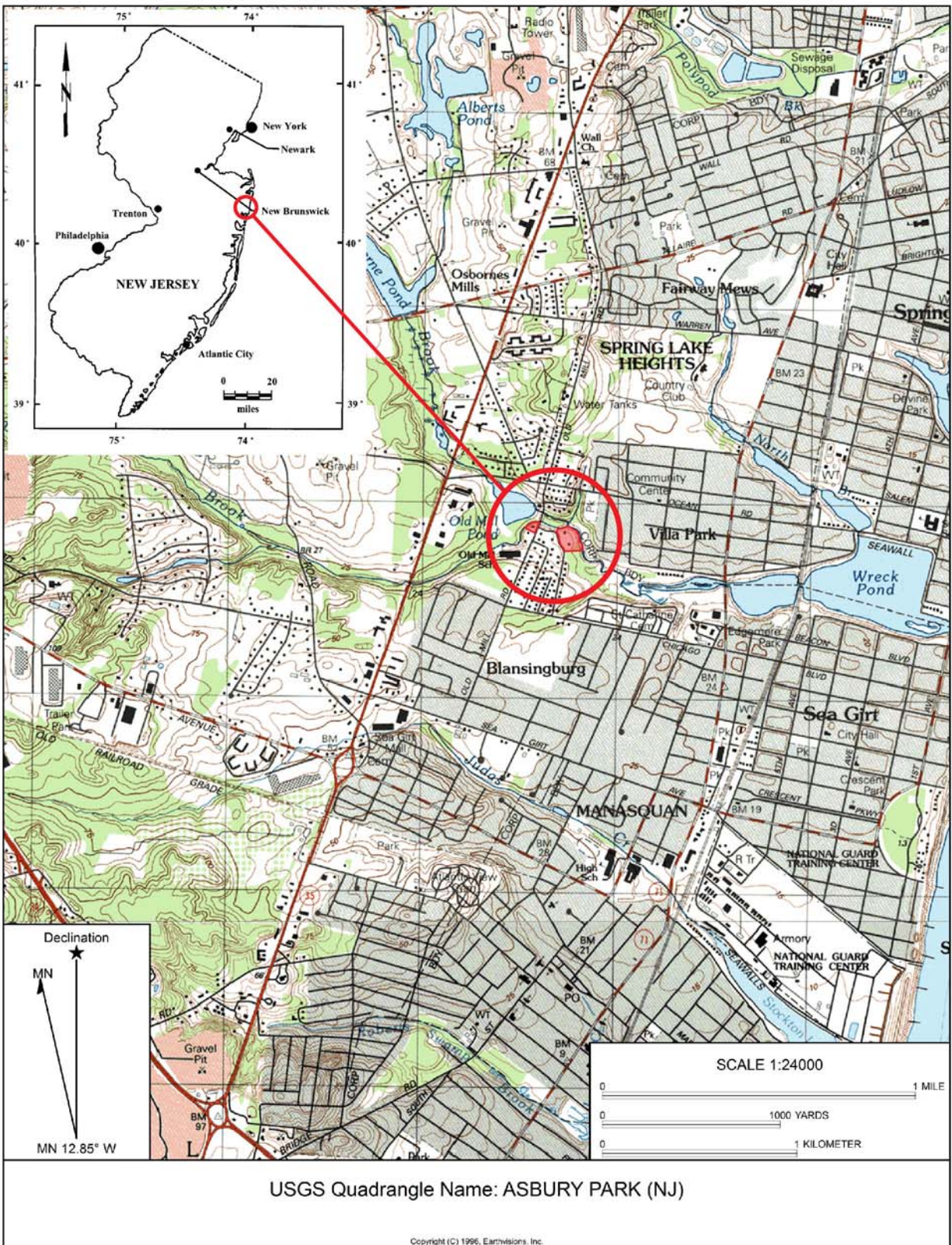


Figure1. Location of Properties to be Acquired with Blue Acres Funding .

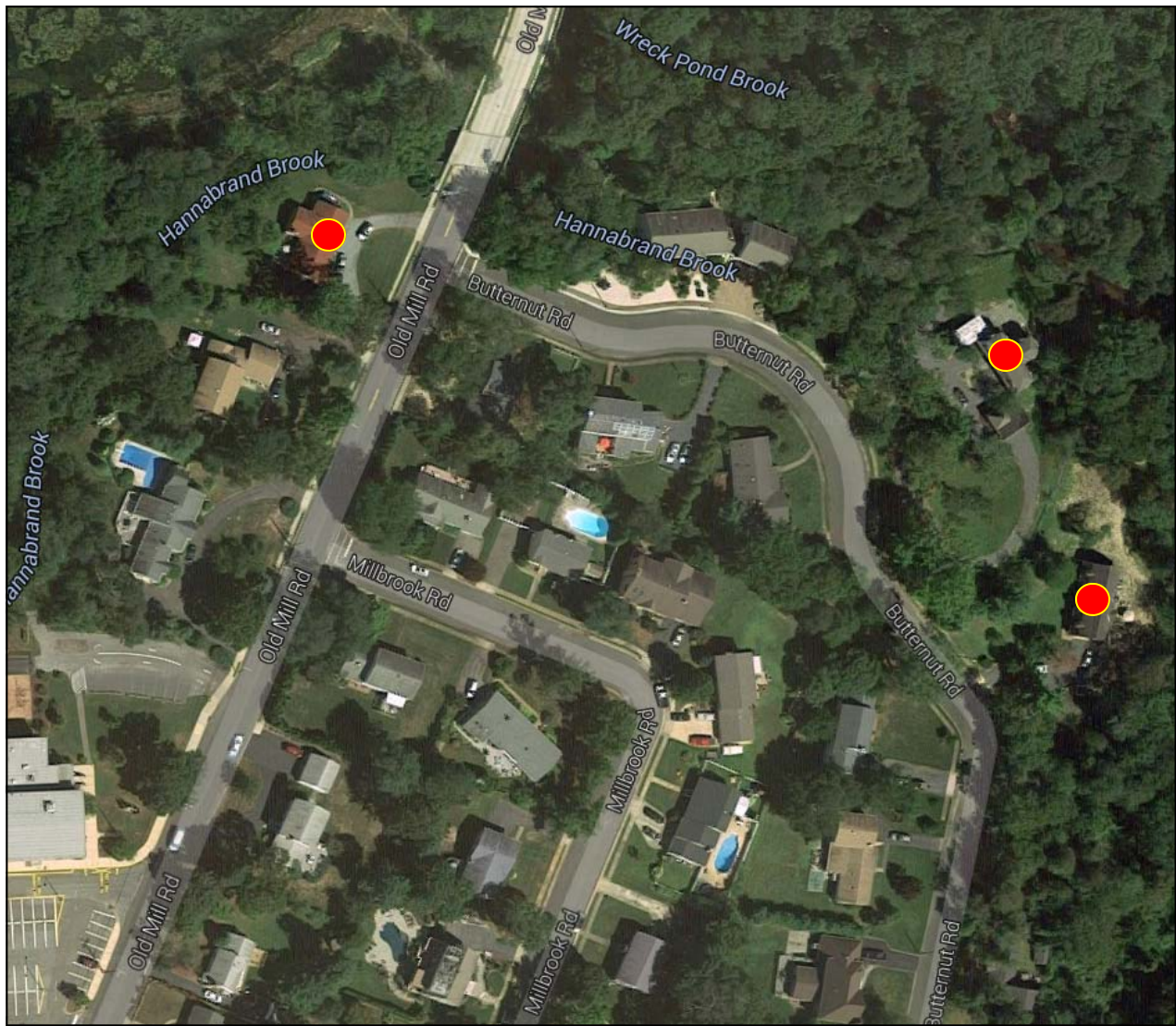


Figure 2. Location of Properties to be Acquired with Blue Acres Funding (Source: Google Earth 2015). Approximate scale: 1 inch = 150 feet. ● Properties to be acquired.

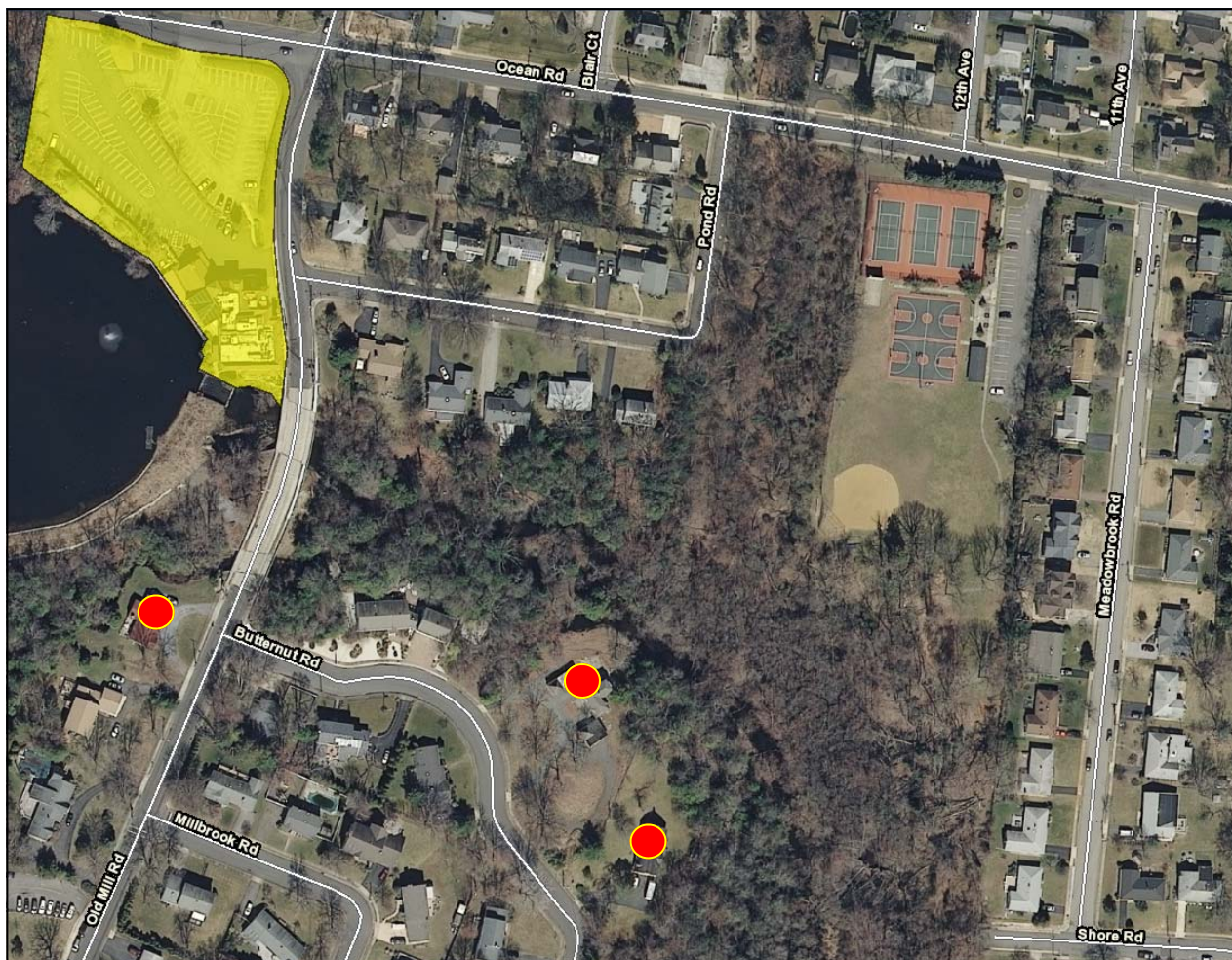


Figure 3. Map of Project Area Showing Location of Nearby Historic Properties. Source: NJGeoWeb). Approximate scale: 1 inch = 250 feet. Old Mill Historic Property

Properties to be acquired.

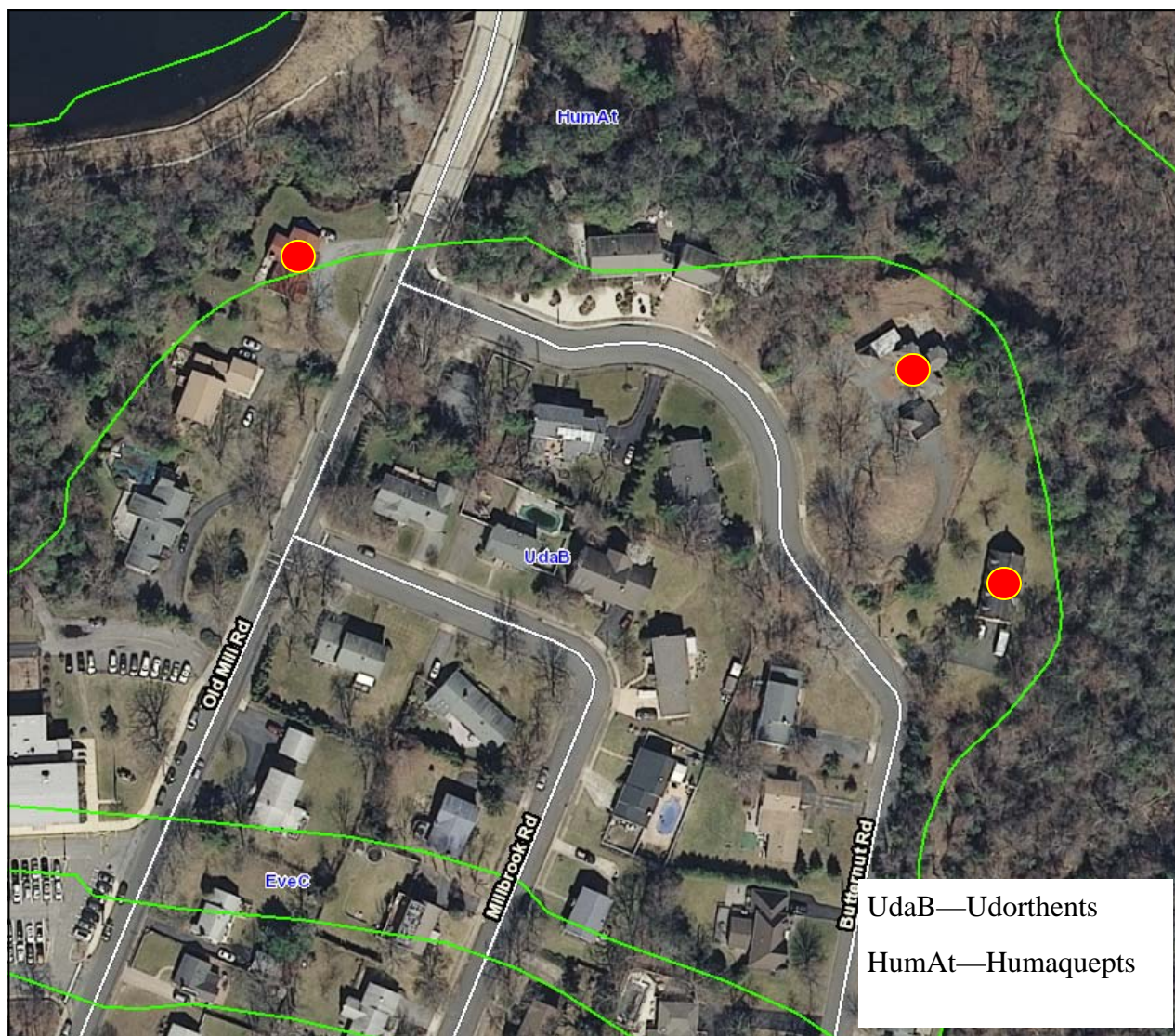


Figure 4. Map of Soils in the Vicinity of the Wall Properties to be Acquired with Blue Acres Funding (Source: NJGeoWeb). Approximate scale: 1 inch = 150 feet.

● Properties to be acquired.



Photograph 1. View looking east-northeast towards 2116 Butternut Road (Photographer: Joshua Butchko, November 19, 2015) [HRI Neg. # 15060/D1:054].



Photograph 2. View looking southwest towards rear elevation of 2116 Butternut Road (Photographer: Joshua Butchko, November 19, 2015) [HRI Neg. # 15060/D1:045].



Photograph 3. View looking southeast towards stream and rear yard of 2116 Butternut Road (Photographer: Joshua Butchko, November 19, 2015) [HRI Neg. # 15060/D1:047].



Photograph 4. View looking northeast towards front of 2118 Butternut Road
(Photographer: Joshua Butchko, November 19, 20155) [HRI Neg. # 15060/D1:001].



Photograph 5. View looking north towards rear yard of 2118 Butternut Road
(Photographer: Joshua Butchko, November 19, 2015) [HRI Neg. # 15060/D1:008].



Photograph 6. View looking east towards west or front elevation of 2118 Butternut Road (Photographer: Joshua Butchko, November 19, 2015) [HRI Neg. # 15060/D1:011].



Photograph 7. View looking south towards north or side elevation of 2118 Butternut Road (Photographer: Joshua Butchko, November 19, 2015) [HRI Neg. # 15060/D1:020].



Photograph 8. View looking west towards east or rear elevation of 2118 Butternut Road (Photographer: Joshua Butchko, November 19, 2015) [HRI Neg. # 15060/D1:025].



Photograph 9. View looking north towards south or side elevation of 2118 Butternut Road (Photographer: Joshua Butchko, November 19, 2015) [HRI Neg. # 15060/D1:029].



Photograph 10. View looking west towards front elevation of 2125 Old Mill Road
(Photographer: Joshua Butchko, November 19, 2015) [HRI Neg. # 15060/D1:075].



Photograph 11. View looking west towards south yard of 2125 Old Mill Road
(Photographer: Joshua Butchko, November 19, 2015) [HRI Neg. # 15060/D1:079].



Photograph 12. View looking east towards rear of 2125 Old Mill Road (Photographer: Joshua Butchko, November 19, 20155) [HRI Neg. # 15060/D1:089].



Photograph 13. View of potential mill-related feature in Hannabrand Brook at the rear of 2125 Old Mill Road. (Photographer: Joshua Butchko, November 19, 20155) [HRI Neg. # 15060/D1:091].



Photograph 14. View looking northeast of channelized brook at the rear of 2125 Old Mill Road (Photographer: Joshua Butchko, November 19, 20155) [HRI Neg. # 15060/D1:097].



Photograph 15. View looking northwest towards south elevation of Mill Restaurant north of 2125 Old Mill Road (Photographer: Joshua Butchko, November 19, 2015) [HRI Neg. # 15060/D1:098].