



Environmental Assessment

RURAL BROADBAND INFRASTRUCTURE EXPANSION IN THE ALLEGHENIES: SIDELING HILL TOWER, JACKS MOUNTAIN TOWER, WATERFALL TOWER, AND HUSTONTOWN COLLOCATION

Department of
Commerce

FULTON AND HUNTINGDON COUNTIES, PENNSYLVANIA

National
Telecommunications
and Information
Administration

November 10, 2023

For Information Contact: Terracon Consultants, Inc.
844 N. Lenola Road, Suite 1
Moorestown, NJ 08057
856-813-3267
www.terracon.com

Table of Contents

1.0	Executive Summary	4
2.0	Purpose and Need	9
3.0	Description of Proposed Action and Alternatives	10
3.1	Introduction.....	10
3.2	Proposed Action	10
3.3	No Action Alternative	10
3.4	Alternatives	13
3.5	Alternatives Considered but Eliminated from Further Discussion	13
4.0	Description of the Affected Environment	14
4.1	Noise.....	15
4.2	Air Quality.....	16
4.3	Geology and Soils	16
4.4	Water Resources	17
4.4.1	Surface Water (i.e., Lakes and Rivers)	19
4.4.2	Groundwater.....	19
4.4.3	Coastal Zone, Estuary, and Inter-tidal Areas	19
4.4.4	Flood Plains	20
4.4.5	Wild and Scenic Rivers	20
4.5	Biological Resources.....	20
4.5.1	Threatened and Endangered Species	21
4.5.2	Critical or Threatened / Endangered Habitat	23
4.5.3	Wetland Habitats	23
4.6	Historic and Cultural Resources	23
4.6.1	Archaeological Resources	24
4.6.2	Architectural Resources	24
4.6.3	Native American Traditional, Cultural or Religious Resources	24
4.7	Aesthetic and Visual Resources.....	25
4.8	Land Use	25
4.9	Infrastructure	26
4.10	Socioeconomic Resources.....	27
4.11	Human Health and Safety	28
5.0	Analysis of Environmental Impacts	28
5.1	Noise.....	29
5.2	Air Quality.....	29
5.3	Geology and Soils	30
5.4	Water Resources	30
5.5	Biological Resources.....	30
5.6	Historic and Cultural Resources	31
5.7	Aesthetic and Visual Resources.....	32
5.8	Land Use	32
5.9	Infrastructure	32

5.10	Socioeconomic Resources.....	33
5.11	Human Health and Safety	33
5.12	Cumulative impacts.....	34
6.0	Applicable Environmental Permits and Regulatory Requirements	34
7.0	Consultations	38
8.0	References	41

Tables

Table 1.0	Effect Comparison of Alternatives	6
Table 4.1	Sound Level Limits for Huntingdon County	15
Table 4.5.1	Federally-Listed Species.....	21
Table 4.5.2	Migratory Birds	23
Table 6.0	Potential Applicable Statutory, Regulatory, and Other Requirements	35
Table 7.0	Agency Consultations:.....	38

Figures

Figure 1: Vicinity Map
Figure 2: Topographic Map
Figure 3: Proposed Site Plans
Figure 4: Aerial Photograph
Figure 5: FEMA Map
Figure 6: National Wetlands Inventory Map
Figure 7: Geologic Map
Figure 8: Soils Map
Figure 9: Historic Sites Map

Appendices

Appendix A – List of Preparers
Appendix B – Figures
Appendix C – Tribal Consultation
Appendix D – Section 7 Compliance Documentation
Appendix E – Section 106 Compliance Documentation
Appendix F – Photographs

1.0 Executive Summary

Terracon Consultants, Inc. (Terracon) has prepared this Environmental Assessment (EA) on behalf of Ambassador Tower LLC and Upward Broadband as the National Environmental Policy Act (NEPA) review of the proposed Rural Broadband Infrastructure Expansion in the Alleghenies Project (RBIEAP). The RBIEAP has been awarded grant funding from the National Telecommunications and Information Administration (NTIA)'s Broadband Infrastructure Program (BIP) to expand broadband access to unserved/underserved areas comprised of 977 census blocks in the Pennsylvania counties of Huntingdon, Fulton, Bedford, Franklin, Perry and Mifflin. The larger overall proposed broadband grant will deploy fixed wireless broadband service across 31 communications towers, which are divided into 9 separate and independent projects. The "Grantee" is a covered partnership comprised of Pennsylvania county governments for Huntingdon (lead applicant), Bedford and Fulton counties, two internet providers, Upward Broadband and Crowsnest Broadband, and a Pennsylvania nonprofit, Alleghenies Broadband, Inc. (ABI) (collectively referred to as Huntingdon County).

This EA's proposed action addresses the fourth component of the total grant located in Fulton and Huntingdon Counties, Pennsylvania and consist of four communication projects named Sideling Hill Tower, Jacks Mountain Tower, Waterfall Tower, and Hustontown Collocation (the Proposed Action). The proposed action is being implemented by Ambassador Tower LLC, who will own the tower assets, and Upward Broadband, who will own the communications equipment (collectively referred to hereafter as the "Responsible Party").

The Sideling Hill Tower is the proposed construction of a new 270-foot self-supporting lattice communication tower (274 feet with appurtenances) and compound including access and utilities easements located at Flickerville Road, Brush Creek Township, Fulton County Pennsylvania (NAD83: 39° 51' 9.90" N | 78° 13' 4.51" W). The tower will be constructed and owned by Ambassador Tower LLC.

The Jacks Mountain Tower is the proposed construction of a new 195-foot self-supporting lattice communication tower (199 feet with appurtenances) and compound including access and utilities easements. Additionally, a 100-foot by 150-foot solar array location will be developed adjoining the proposed tower compound location to the northwest. The proposed tower will be located at 21204 Laurel Mountain Road, Cromwell Township (Three Springs), Huntingdon County, Pennsylvania (NAD83: 40° 14' 7.08" N | 77° 58' 20.20" W). The tower will be constructed and owned by Ambassador Tower LLC.

The Waterfall Tower is the proposed construction of a new 195-foot self-supporting lattice communication tower (199 feet with appurtenances) and compound including access and utilities easements. The proposed tower will be located 3543 Blacks Mountain Road, Taylor

Township (Waterfall), Fulton County, Pennsylvania (NAD83: 40° 07' 37.02" N | 78° 04' 46.45" W). The tower will be constructed and owned by Ambassador Tower LLC.

The Hustontown Tower is an existing 395-foot guy-wire communication tower (405 feet with appurtenances) located at 9290 Waterfall Road, Dublin Township (Hustontown), Fulton County Pennsylvania (NAD83: 40° 02' 29.00" N | 78° 00' 02.16" W). The tower is currently owned by the American Tower Corporation.

The proposed action is based on the lack of broadband access in Fulton and Huntingdon Counties and uses the most reasonably accessible areas. Based on the proposed projects, a total of four alternatives were considered during the EA process:

1. Proposed Action Alternative: The collocation/modification of Hustontown Tower and the construction of Sideling Hill, Jacks Mountain, and Waterfall Towers and associated compound/equipment and access/utility easements.
2. Fiber to the Premise - Underground Cable: The consideration of using buried fiber-optic cable as a viable technology for project implementation presented significant readily apparent barriers that eliminated the technology from further discussion.
3. Fiber to the Premise - Aerial Cable: The covered partnership would enter into a joint pole agreement with existing utility providers in order to acquire necessary access to attach fiber optic cabling to existing utility pole infrastructures.
4. No Action Alternative: No collocation/modification of Hustontown Tower and no construction of Sideling Hill, Jacks Mountain, and Waterfall Towers; broadband coverage in certain areas of Fulton and Huntingdon Counties would remain underserved.

While all alternatives were considered, the Proposed Action Alternative was selected for comprehensive analysis and final design because it would provide telecommunications enhancement to the community with few infrastructure constraints, less cost, and low environmental impact.

Because the proposed project utilizes federal funds, NTIA must fulfill obligations under the NEPA and other applicable local, state, and federal regulations. In compliance with these regulations, the following EA has been prepared. The implementation of NEPA requires a systematic, interdisciplinary approach to project planning and implementation, and emphasizes that the environmental impacts of federally funded projects be given serious consideration in the decision-making process. The EA evaluates the potential social, economic, and environmental effects from the proposed project, and was prepared with input from stakeholder agencies. The EA addresses the following:

- Noise
 - Air Quality
 - Geology and Soils
 - Water Resources
 - Biological Resources
-

- Historic and Cultural Resources
- Aesthetic and Visual Resources
- Land Use
- Infrastructure
- Socioeconomic Resources
- Human Health and Safety

The results of the EA indicate that, with appropriate mitigation and conservation measures, the Proposed Action Alternative would not result in any significant adverse effects to the natural, cultural, or human environment. The findings of the EA are summarized in the following table:

Table 1.0 Effect Comparison of Alternatives

Resource Area	Proposed Action Alternative	No Action Alternative
Noise	Short term impacts during construction would be temporary and minor. Mitigation methods include limiting the hours of the Hustontown Collocation construction to occur only during permissible construction hours (6am to 9pm) in accordance with Huntington County Zoning Ordinance. Sensitive receptors were not identified in the location of the Sideling Hill, Jacks Mountain, and Waterfall proposed towers. The on-going operations of telecommunications towers are not considered significant sources of noise. Less than significant noise impacts are anticipated.	No impacts.
Air Quality	Short term impacts during construction would be temporary and minor, including fugitive dust emissions from vehicular movement and facility construction. Dust suppression techniques via water trucks or other methods can be used reduce fugitive dust emissions during construction. The Sideling Hill, Jacks Mountain, and Waterfall proposed towers includes a propane-powered generator, which would only operate during the case of emergencies and falls under a Pennsylvania Department of Environmental Protection (PA DEP) permit exemption. Less than significant impacts to air quality are anticipated.	No impacts.
Geology and Soils	Minimal impact to soils will occur during construction of the Sideling Hill, Jacks Mountain, and Waterfall proposed towers. Dust suppression techniques via water trucks or other methods can be used to reduce fugitive dust emissions. The Hustontown collocation includes only minor ground disturbance (underground conduit and equipment) which will occur within the previously developed tower compound. No significant impacts to geology or soils are anticipated.	No impacts.
Water Resources	There are no water features in the vicinity of the site locations. No impacts to water resources are anticipated.	No impacts.

Resource Area	Proposed Action Alternative	No Action Alternative
Biological Resources	<p>A Pennsylvania Natural Diversity Inventory (PNDI) environmental review was completed for the project sites. The environmental review tool is utilized to coordinate concurrent project reviews with the Pennsylvania Department of Conservation and Natural Resources (DCNR), the Pennsylvania Fish and Boat Commission (PFBC), the Pennsylvania Game Commission (PGC), and the United States Fish and Wildlife Service (USFWS). Review of the Hustontown collocation indicated no environmental concerns with any agencies and no further consultation was required for the proposed collocation. As a mitigation measure, it should be confirmed that there are no active nests on the tower prior to collocation activities, to ensure the protection of migratory birds during project implementation.</p> <p>The PGC and USFWS indicated Conservation and Avoidance measures were required for the Northern long-eared bat (<i>Myotis septentrionalis</i>, endangered). The avoidance measure indicated by USFWS is to not conduct tree removal from May 15 to August 15 for construction of the other three project sites.</p> <p>Less than significant impacts with BMPs and/or mitigation incorporated are expected for all of the identified species.</p>	No impacts.
Historic and Cultural Resources	<p>No historic or archeological resources were identified at the Hustontown Collocation and proposed Sideling Hill, Jacks Mountain, and Waterfall project locations. Cultural resources in the viewshed of both projects were not determined to be adversely affected by the project implementation. The State Historic Preservation Office (SHPO) and federally recognized tribes were consulted and at this time, have not identified any cultural resources that would be adversely impacted at any of the locations.</p> <p>No impacts to historic and cultural resources are anticipated. In the unlikely event that unanticipated historic properties, cultural artifacts, archeological deposits, or human remains are inadvertently encountered during the bore program excavation activities, all ground disturbing activities must halt immediately, and NTIA along with the appropriate state and/or tribal agencies must be contacted, in accordance with applicable state law and federal regulation (36 C.F.R. § 800.13(b)).</p>	No impacts.

Resource Area	Proposed Action Alternative	No Action Alternative
Aesthetic and Visual Resources	The Sideling Hill, Jacks Mountain, and Waterfall proposed tower sites are located in wooded, rural areas. No significant resources were identified within a 0.5-mile visual radius for the proposed tower sites. No significant resources were identified within a 0.5-mile radius of the Hustontown collocation site; however, due to the nature of the undertaking (a collocation on an existing tower), the proposed action was not found to visually impact aesthetic and visual resources and SHPO concurred with this finding. Less than significant impacts to aesthetic and visual resources are anticipated.	No impacts.
Land Use	The proposed Hustontown collocation would not impact the current land use and the proposed Sideling Hill, Jacks Mountain, and Waterfall towers are a compatible land use with the surrounding environment. Less than significant impacts to land use are anticipated.	No impacts.
Infrastructure	The project will overall provide beneficial impacts to the infrastructure of Fulton and Huntingdon Counties by providing valuable broadband coverage and services.	Less than Significant Impacts.
Socioeconomic Resources	Beneficial impacts to socioeconomics will result in the form of better communication capabilities, increased educational opportunities, economic development potential, higher security, and improved access to health care due to broadband access.	Communities in rural Fulton and Huntingdon Counties would continue to lack access to broadband infrastructure. Significant Impact.
Human Health and Safety	No sources of significant contamination were identified at either of the tower locations. The Responsible Party will identify buried utilities prior to subsurface construction methods using 811 (Call Before You Dig) and permit only workers qualified by training or experience to operate heavy machinery and equipment. Coordination with the Federal Aviation Administration (FAA) will be completed to ensure the proposed tower will pose no hazards to air navigation. Beneficial impacts to human health and safety will result in the form of better communication capabilities, higher security, and improved access to health care due to broadband access.	Less than Significant Impacts.

This EA has been completed based upon site information and the review of readily available information obtained from commercial services, government agencies, and/or other sources as described herein. This EA was prepared in accordance with the NEPA implementing procedures of the Council on Environmental Quality (CEQ; 40 CFR Parts 1500-1508), Federal Communications Commission (FCC; 47 CFR §1.1301-1 .1320), and guidance provided by NTIA. The objective of the EA is to assess whether the proposed action is likely to result in a significant environmental impact, for which an Environmental Impact Statement (EIS) would be required. The U.S.

Department of Commerce, NTIA is the agency responsible for awarding BIP grant funds for the proposed covered project including this proposed action and is lead agency for NEPA. In addition, Section 106 of the National Historic Preservation Act of 1966 (NHPA), as codified at 36 CFR Part 800, regulates assessment of cultural resources for all federal undertakings. FCC's Nationwide Programmatic Agreement for the Collocation of Wireless Antennas (47 CFR Part 1, Appendix B) and the Nationwide Programmatic Agreement Regarding the Section 106 National Historic Preservation Act Review Process (47 CFR Part 1, Appendix C) further stipulate the review process for cultural resources and amend 47 CFR, Part 1, Subpart I, rule section 1.1307(a)(4).

2.0 Purpose and Need

The purpose of the project is to deploy internet to underserved populations of Fulton and Huntingdon Counties and the action is needed due to insufficient access to broadband. On November 15, 2021, President Biden signed the Infrastructure Investment and Jobs Act into law, which included a significant investment of \$65 billion to help close the digital divide and ensure that all Americans have access to reliable, high speed, and affordable broadband. According to NTIA, the purpose of the Act is to lay critical groundwork for widespread access and affordability of broadband, creating new jobs and economic opportunities, providing increased access to healthcare services, enriching educational experiences of students, and improving overall quality of life for all Americans. According to the Pennsylvania Broadband Development Authority (PBDA), broadband connectivity:

- Fosters economic growth and innovation
- Provides the critical infrastructure for the future
- Grow workforce development and educational achievement opportunities
- Provides adequate, reliable emergency services
- Enhances community health, well-being, access to health care services, and quality of life

Under the Infrastructure Investment and Jobs Act, the BIP program's purpose is to use grant funding to expand broadband access to unserved/underserved areas of the Country. Fulton and Huntingdon Counties, Pennsylvania has been identified as having a significant deficiency of broadband coverage. This installation will improve wireless communications and connectivity coverage in the immediate vicinity of Hustontown tower as well as improve the coverage to areas of the counties that currently do not have access. By providing this coverage, Fulton and Huntingdon Counties, their businesses, citizens, and students will receive the high level of access consistent with larger urban areas. The project will provide much-needed wireless communications and connectivity coverage to public institutions and create opportunities for broadband connections to both businesses and households in this underserved region of Pennsylvania. By providing wireless communications and connectivity coverage, the project is expected to facilitate rural economic development, job creation, education, and improve access to health care and emergency services.

3.0 Description of Proposed Action and Alternatives

This Chapter includes a description of the Proposed Action and project alternatives as well as the justification for the alternatives selected for further study.

3.1 Introduction

The larger overall proposed broadband grant will deploy fixed wireless broadband service across 31 communications towers providing highspeed broadband internet to the proposed service area comprised of 977 census blocks in the Pennsylvania counties of Huntingdon, Fulton, Bedford, Franklin, Perry, and Mifflin. This EA's proposed action addresses the fourth component of the total project and comprises four communication tower locations: the proposed Sideling Hill tower, proposed Jacks Mountain tower, proposed Waterfall tower, and the Hustontown tower collocation, located in Fulton and Huntingdon Counties, Pennsylvania. The proposed communication facilities will improve cellular connectivity and the overall project will provide much-needed high-speed internet connectivity to public institutions and create opportunities for broadband connections to both businesses and households in these rural areas of Pennsylvania. By providing high-speed connectivity, the project is expected to facilitate rural economic development, job creation, education, and improve access to health care and emergency services.

3.2 Proposed Action

The Proposed Action comprises four communication facilities, the proposed Sideling Hill tower, proposed Jacks Mountain tower, proposed Waterfall tower, and the Hustontown tower collocation.

Hustontown Collocation

Hustontown Tower is an existing 405-foot guy-wire communication tower (located at 9290 Waterfall Road, Dublin Township (Hustontown), Fulton County Pennsylvania (NAD83: 40° 02' 29.00" N | 78° 00' 02.16" W). The tower is currently owned by American Tower Corporation. This site was chosen due to the fact that the existing lease would allow for collocation over a new build, which reduces operational costs and environmental impacts. The existing tower site is located in an undeveloped grassed area, existing above ground utilities, and directly adjacent to Highway 475. The adjacent land use is wooded and low density residential. All ground disturbance anticipated at this site will occur within the approximate 10,000 square-foot graveled and fenced tower compound. Equipment staging will occur within the existing gravel access road, which extends northwest from the site.

Proposed Sideling Hill Tower

Sideling Hill Tower is the proposed new construction of a 274-foot self-supporting lattice communications tower located at 39° 51' 9.90" N | 78° 13' 4.51" W in Brush Creek Township, Fulton County. The parcel is owned by Travis J and Amy S Horton and is identified as Fulton County Tax Parcel Map No. 04-04-024. Development consists of an approximate 10,000 square-

foot tower compound and an approximate 20-foot by 305-foot utility easement. The proposed access easement will extend northeast from the tower compound to Plessinger Road. The tower will likely be installed on a mat foundation within the fenced compound. The compound will also house an 8-foot by 8-foot equipment shelter and ice bridge, a propane aboveground storage tank, and associated emergency backup generator. Sideling Hill Tower will be constructed and owned by Ambassador Towers LLC. Preliminary site drawings are included in Appendix B and photographs are included in Appendix F.

This tower site was chosen because it provided the best coverage for the area in need with feasible sources for power in relative proximity for the region. It was also chosen in consideration of construction access, subsurface conditions, zoning considerations, and cooperation of property owner.

The area proposed for the Sideling Hill Tower, compound, and proposed easement have dense vegetation and is forested with mixed deciduous trees. Anticipated site work includes the removal of trees and vegetation within the proposed compound and easement, geotechnical core boring and soil resistivity testing, installation of the mat tower foundation, 8-foot compound fencing, gravel for compound area, installation of the self-support lattice tower, a grounding ring for the tower, and installation of the 8-foot by 8-foot shelter and ice bridge. Ground disturbance is estimated to be approximately 0.75 acres. Examples of equipment that will likely be used during construction include cranes, backhoes, excavators, and bulldozers. The proposed equipment staging area for construction will be along the proposed access road to the northwest of the site.

Proposed Jacks Mountain Tower

Jacks Mountain Tower is the proposed new construction of a 199-foot self-supporting lattice communications tower located at 40° 14' 7.08" N | 77° 58' 20.20" W in Cromwell Township, Huntingdon County. The parcel is owned by Gap Bros. Holdings, LLC and is identified as Huntingdon County Tax Parcel Map No. 11-11-09.84. Development consists of an approximate 10,000 square-foot tower compound and an approximate 20-foot by 575-foot access/utility easement. The proposed access/utility easement extends roughly west from the tower compound to Laurel Mountain Road. Additionally, a 100-foot by 150-foot solar array location will be developed adjoining the proposed tower compound location to the northwest. The tower will likely be installed on a mat foundation within the fenced compound. The compound will also house an 8-foot by 8-foot equipment shelter and ice bridge, a propane aboveground storage tank, and associated emergency backup generator. Jacks Mountain Tower will be constructed and owned by Ambassador Towers LLC. Preliminary site drawings are included in Appendix B and photographs are included in Appendix F.

This tower site was chosen because it provided the best coverage for the area in need and was already located adjacent to a power easement with feasible sources for power in close proximity. It was also chosen in consideration of construction access, subsurface conditions, zoning considerations, and cooperation of property owner.

The area proposed for the Jacks Mountain Tower, compound, and proposed easement have dense vegetation and is forested with mixed deciduous trees. Anticipated site work includes the removal of trees and vegetation within the proposed compound, solar array area, and easement, geotechnical core boring and soil resistivity testing, installation of the mat tower foundation, 8-foot compound fencing, gravel for compound area, installation of the self-support lattice tower, a grounding ring for the tower, and installation of the 8-foot by 8-foot shelter and ice bridge. Ground disturbance is estimated to be approximately 36,500 square feet (approximately 0.84 acres). Examples of equipment that will likely be used during construction include cranes, backhoes, excavators, and bulldozers.

Proposed Waterfall Tower

Waterfall Tower is the proposed new construction of a 199-foot self-supporting lattice communications tower located at 40° 07' 37.02" N | 78° 04' 46.45" W in Taylor Township (Waterfall), Fulton County. The parcel is owned by Gap Bros. holdings, LLC and is identified as Fulton County Tax Parcel Map No. 08-10-040. Development consists of an approximate 22,500 square-foot tower compound and an approximate 20-foot by 0.5-mile utility easement. The proposed access easement will extend southwest from the tower compound to Summit Road. The proposed utility easement will extend southeast toward Blacks Mountain Road. The tower will likely be installed on a mat foundation within the fenced compound. The compound will also house an 8-foot by 8-foot equipment shelter and ice bridge, a propane aboveground storage tank, and associated emergency backup generator. Waterfall Tower will be constructed and owned by Ambassador Towers LLC. Preliminary site drawings are included in Appendix B and photographs are included in Appendix F.

This tower site was chosen because it provided the best coverage for the area in need and was already located adjacent to a power easement with feasible sources for power in close proximity. It was also chosen in consideration of construction access, subsurface conditions, zoning considerations, and cooperation of property owner.

The area proposed for the Waterfall Tower, compound, and proposed easements have dense vegetation and is forested with mixed deciduous trees. Anticipated site work includes the removal of trees and vegetation within the proposed compound and easement, geotechnical core boring and soil resistivity testing, installation of the mat tower foundation, 8-foot compound fencing, gravel for compound area, installation of the self-support lattice tower, a grounding ring for the tower, and installation of the 8-foot by 8-foot shelter and ice bridge. Ground disturbance is estimated to be approximately 85,000 square feet (approximately 2 acres). Examples of equipment that will likely be used during construction include cranes, backhoes, excavators, and bulldozers.

3.3 No Action Alternative

Under the no action alternative, the project would not move forward, and Fulton and Huntingdon Counties would remain underserved with regards to wireless communications and connectivity

coverage. No construction impacts would occur, as described under the proposed action alternative. None of the benefits outlined in 2.0 would occur under the no action alternative.

3.4 Alternatives

Based on the proposed project, a total of four alternatives were considered during the EA process:

1. Proposed Action Alternative: The collocation/modification of Hustontown Tower and the construction of Sideling Hill, Jacks Mountain, and Waterfall Towers and associated compound/equipment and access/utility easements.
2. Fiber to the Premise - Underground Cable: The consideration of using buried fiber-optic cable as a viable technology for project implementation presented significant readily apparent barriers that eliminated the technology from further discussion.
3. Fiber to the Premise - Aerial Cable: The covered partnership would enter into a joint pole agreement with existing utility providers in order to acquire necessary access to attach fiber optic cabling to existing utility pole infrastructures.
4. No Action Alternative: No collocation/modification of Hustontown Tower and no construction of Sideling Hill, Jacks Mountain, and Waterfall Towers; broadband coverage in certain areas of Fulton and Huntingdon Counties would remain underserved.

While all four alternatives were considered, the Proposed Action Alternative is being proposed for comprehensive analysis and final design because it would have fewer infrastructure constraints, less environmental impact, lower cost, and fulfill the requirements of the grant.

3.5 Alternatives Considered but Eliminated from Further Discussion

As discussed in Section 3.4, four alternatives were considered but eliminated from further study (the overhead cable alternative and the underground cable alternative).

Fiber to the Premise-Underground Cable

The consideration of using buried fiber-optic cable as a viable technology for project implementation presented significant readily apparent barriers that eliminated the technology from further discussion. In rural areas, the cost of laying fiber cables can be at least five times higher than fixed wireless. In contrast, fixed wireless technology can be deployed faster and with lower costs, making it a more feasible option for delivering high-speed internet to remote communities. Compared to fiber, fixed wireless technology also offers faster installation times, further reducing costs. Fixed wireless technology installations can often be completed within days, if there is a clear line of sight between the antenna and the user's location. This means that fixed wireless technology offers a cost-effective solution for both urban and rural areas that require fast and reliable internet access without incurring the excessive costs of fiber installation. The administration and real property (land) acquisition burden would also be far greater for buried fiber-optic cable as the undertaking of such a project would require the extensive acquisition of easements and/or right-of-way. The time required to obtain hundreds of rights of way and environmental clearance would likely prevent project before the BIP implementation

deadline. Therefore, the buried fiber-optic cable alternative could not be developed affordably, efficiently, or in an environmentally sensitive manner. For these reasons, the buried fiber optic cable alternative would not be considered feasible, and it is not discussed further in this EA.

Fiber to the Premise-Aerial Cable

This alternative would result in construction of hundreds of miles of new, aerial fiber optic cable using traditional installation techniques on existing or new utility poles or towers. Under this alternative, the covered partnership would enter into a joint pole agreement with existing utility providers in order to acquire necessary access to attach fiber-optic cabling to the existing utility pole infrastructure. Several factors led to elimination of using aerial cable as a viable alternative for project implementation. The total project cost of installing aerial fiber-optic cable would be expected to be much greater than those costs anticipated for activities described under the Proposed Action. In rural areas, the cost of installing aerial fiber-optic cable would be at least five times higher than fixed wireless.

The administrative and planning burden would also be far greater for aerial fiber-optic cable as the undertaking of such a project would require the extensive acquisition of easements and/or right-of-way. The time required to assess existing infrastructure including engineering review of all existing poles and their capacity to hold additional cable associated with this project could not be ascertained without a detailed system study by the affected utilities that would again delay the implementation of this project beyond the BIP implementation deadline. Further, application of new cable to existing or new poles and towers has its own significant inherent environmental impacts and a far more extensive permitting process, affecting both urban and rural areas. The costs of system-wide installation and ongoing maintenance of aerial cable would be expected to be much greater than the Proposed Action. In contrast, fixed wireless technology can be deployed faster and with lower costs, making it a more feasible option for delivering high-speed internet to remote communities. Compared to aerial fiber-optic cable, fixed wireless technology also offers faster installation times, further reducing costs. This means that fixed wireless technology offers a cost-effective solution for both urban and rural areas that require fast and reliable internet access without incurring the excessive costs of fiber installation. For these reasons, the aerial fiber-optic cable alternative would not be considered feasible, and it is not discussed further in this EA.

4.0 Description of the Affected Environment

A screening process was used to determine which environmental resources are likely to be impacted by the proposed action. Because the project is specifically designed to produce certain environmental benefits and to avoid or mitigate others, some environmental resources required less discussion. In some cases, environmental resources may be dismissed from analysis if they are unlikely to be significantly impacted by the proposed project. The remaining resources are analyzed further to assess the established baseline, likely impacts of the proposed action, and to determine what actions should be taken to mitigate adverse impacts.

4.1 Noise

Noise pollution is sound that becomes unwanted with normal activities, disrupts normal activities, or diminishes one's quality of life. Noise pollution can adversely affect a person's health and lead to several stress related issues. Sound is usually represented on a logarithmic scale with a unit called the decibel (dB). Sound on the decibel scale is referred to as sound level. According to EPA (US EPA, 1974), noise Levels of 45 decibels are associated with indoor residential areas, hospitals, and schools. Noise levels of 55 decibels are identified for certain outdoor areas where human activity takes place. The level of 70 decibels is identified as a threshold for all areas in order to prevent hearing loss.

According to the Huntingdon County Model Zoning Ordinance set by the Huntingdon County Planning & Development Department, no principal or accessory use, or operations or activities on its lot, shall generate a sound level exceeding the limits established in the table below, when measured at the locations specified in the table below. The term dBA means "A-weighted decibel". A-weighting is a curve relating to the measurement of sound pressure level. A-weighting is applied to instrument-measured sound levels in an effort to account for the relative loudness perceived by the human ear (Meyer-Bisch, Christian, 2005).

Table 4.1 Sound Level Limits by Receiving Land Use / District for Huntingdon County

Land Use Zone District Receiving the Noise	Hours/Days	Maximum Sound Level
1. At Lot Line of Residential Use in a Residential District	1. 6am-9pm other than Sundays, Christmas Day, Thanksgiving Day, New Years Day, Labor Day, and Memorial Day 2. 9pm-7am plus all of the following days: Sundays, Christmas, Thanksgiving, New Years, Easter Sunday, Labor Day, and Memorial Day	1. 62 dBA 2. 55dBA
2. Lot Line of a Principal Residential Use that is not in a Residential District	3. Same as above 4. Same as above	3. 65 dBA 4. 62 dBA
3. Any Lot Line other than 1 or 2 (referenced above)	All times and days	70 dBA

The above-listed maximum permissible sound level limits shall not apply to several listed noise sources, which include *repair or installation of utilities or construction of structures, sidewalks or streets between the hours of 6am and 9pm, except for clearly emergency repairs which are not restricted by time* (Huntingdon County Model Zoning Ordinance, 2008).

The Hustontown collocation will occur within an existing telecommunications tower compound in Fulton County, which utilizes an existing access road. The surrounding area contains a mixture of wooded/grassed land and low-density residential development. While there is some residential development in the area, it is separated from the tower site by wooded buffers. The Hustontown Tower access road is also located alongside Hwy 475. These areas experience noise from automobiles and other modes of transportation and agricultural related activities on a

regular basis. Noise levels along highways vary with speed, type of vehicle, and intensity of traffic by time of day.

The Sideling Hill, Jacks Mountain, and Waterfall Tower project areas consists of wooded land surrounded by wooded land with low-density residential development and roads. While there is some residential development in the area, it is separated from the tower site by wooded buffers. Additionally, these areas experience noise from automobiles and other modes of transportation on a regular basis. Noise levels along highways vary with speed, type of vehicle, and intensity of traffic by time of day.

4.2 Air Quality

Air quality at the project area is regulated by the Pennsylvania Department of Environmental Protection (PA DEP), which administers federal and state air quality standards. The EPA has set national ambient air quality standards (NAAQS) for six of the following criteria pollutants (US EPA, 2022): ozone (O₃), particulate matter (PM 2.5 and 10), nitrogen dioxide (NO₂), carbon monoxide (CO), sulfur dioxide (SO₂), and lead (Pb). Under these standards, a geographic location with pollutant levels below air quality standards is said to be in "attainment," while higher levels are in "non-attainment." New construction and conversion activities, which are located in "non-attainment" or "maintenance" areas, as determined by the EPA, may need to be modified or mitigation measures developed and implemented to conform to the State Implementation Plan (US EPA, 2022e). The Clean Air Act (42 U.S.C. 7401 et seq.) prohibits federal assistance to projects that are not in conformance with the SIP. According to the EPA Green Book Nonattainment Areas for Criteria Pollutants, Huntingdon and Fulton Counties, Pennsylvania is not located within a non-attainment area for any major pollutants (US EPA, 2022c). In accordance with Executive Order (EO) 13990, this EA also takes into consideration the potential emission of greenhouse gases (GHG) associated with the project.

4.3 Geology and Soils

According to the United States Geological Survey (USGS) Ground Water Atlas of the United States Section L, the project areas fall within The Valley and Ridge Province, which is characterized by layered sedimentary rock that has been complexly folded and locally thrust faulted. As the result of repeated cycles of uplift and erosion, resistant layers of well-cemented sandstone and conglomerate form elongate mountain ridges and less resistant, easily eroded layers of limestone, dolomite, and shale form valleys. The rocks of the province range in age from Cambrian to Pennsylvanian. Parts of this province from central Pennsylvania into New Jersey have been glaciated, and glacial deposits fill or partially fill some of the valleys.

According to the United States Department of Agriculture (USDA) Natural Resource Conservation Service's (NRCS) Web Soil Survey, the majority of soils beneath the proposed Sideling Hill Tower are defined as Hazelton-Dekalb complex, 25 to 75 percent slopes, extremely stony. Construction at the Sideling Hill Tower will necessitate about 0.75 acres of ground disturbance for the new tower location compound, utility easement, and an access road.

According to the USDA NRCS Web Soil Survey, the majority of soils beneath the proposed Jacks Mountain Tower are defined as Hazleton-Dekalb complex, 8 to 25 percent slopes, rubbly. Construction at Jacks Mountain Tower will necessitate about 0.84 acres of ground disturbance for the new tower location compound, solar array location, and access road improvements.

According to the United States Department of Agriculture (USDA) Natural Resource Conservation Service's (NRCS) Web Soil Survey, soils beneath the proposed Waterfall Tower are defined as Hazleton-Dekalb complex, 8 to 75 percent slopes, extremely stony. Construction at the Waterfall Tower will necessitate about 2 acres of ground disturbance for the new tower location compound, utility easement, and an access road.

According to the USDA NRCS Web Soil Survey, the majority of soils beneath the existing Hustontown Tower are defined as Berks channery silt loam, 8 to 25 percent slopes. The Hustontown tower location is a previously developed tower compound and access road. The soils beneath the compound were previously disturbed with the construction of the existing tower, compound, and access road.

4.4 Water Resources and Wetlands

The *US Army Corps of Engineers (USACE) Wetland Delineation Manual* (USACE, 1987) defines wetlands as those areas that are inundated or saturated by surface or groundwater at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. An area is wetland if, under normal circumstances, (1) the area has continuous or recurrent saturation of the upper substrate caused by groundwater, or shallow surface water, or both; (2) the duration of such saturation is sufficient to cause anaerobic conditions in the upper substrate; and (3) the area either lacks vegetation or the vegetation is dominated by hydrophytes.

The definition of a Waters of the US (WOTUS) is: Waters, which are currently used, or were used in the past, or may be susceptible to use in interstate or foreign commerce, including all waters which are subject to the ebb and flow of the tide; Territorial waters; Interstate waters; Impoundments of waters defined as waters of the United States; Tributaries of the above waters that are relatively permanent, standing, or continuously flowing bodies of water; Wetlands adjacent to and having a continuous surface connection to the above waters, which have relatively permanent, standing, or continuously flowing bodies of water (other than waters that are themselves wetlands); or Interstate lakes and ponds not identified above that are relatively permanent, standing, or continuously flowing bodies of water with a continuous connection to the waters above, except those that are wetlands. (33 CFR 328.3).

Typically, the USACE and the U.S. Environmental Protection Agency (EPA) will assert jurisdiction over the following waters:

- Traditional navigable waters (TNWs),
- Wetlands adjacent to TNWs,

- Non-navigable tributaries of TNWs that are relatively permanent where the tributaries have continuous flow,
- Wetlands directly abutting non-navigable tributaries of TNWs,
- Non-navigable tributaries that are not relatively permanent,
- Wetlands displaying a continuous surface connection to TNWs, and
- Wetlands adjacent to do not directly abutting a relatively permanent non-navigable tributary.

Any person, firm, or agency planning to alter or work in waters of the U.S., including the discharge of dredged or fill material, must first obtain authorization from the USACE under Section 404 of the Clean Water Act (CWA; 33 United States Code [USC] 1344). Permits, licenses, variances, or similar authorization may also be required by other federal, state, and local statutes. Section 10 of the Rivers and Harbors Act of 1899 prohibits the obstruction or alteration of navigable waters of the U.S. without a permit from the USACE (33 USC 403).

Hustontown Collocation

On-site visual observations and a review of the representative USFWS National Wetlands Inventory (NWI) map and USGS topographic maps did not identify any readily identifiable wetlands or wetland characteristics (e.g. standing water, hydrophytic vegetation, soil saturation and inundation, drainage patterns and sediment deposition, watermarks and drift lines on trees and vegetation, or water stained leaves) or surface waters within the footprint of the Hustontown tower site. According to the NWI Online Mapper, the nearest mapped wetland is a Riverine wetland named Plum Run located approximately 810 feet to the southeast of the tower collocation. The Hustontown tower site consists of a previously developed tower compound and access road in a grassed field in an upland setting. No wetlands are mapped on or within the vicinity of the site. Additionally, the installation of equipment will only disturb areas within the previously developed gravel equipment compound.

Proposed Sideling Hill Tower

On-site visual observations and a review of the representative USFWS NWI map did not identify any readily identifiable wetlands or wetland characteristics (e.g. standing water, hydrophytic vegetation, soil saturation and inundation, drainage patterns and sediment deposition, watermarks and drift lines on trees and vegetation, or water stained leaves) or surface waters within the footprint of the Sideling Hill site. According to the NWI Online Mapper, the nearest identified wetland is a Riverine wetland located approximately 1,850 feet to the northwest of the proposed tower. The Sideling Hill proposed tower site consists of wooded land along the ridgeline of a mountain top. No wetlands, surface waters, or drainage features are mapped on or in the vicinity of the tower site or utility easement.

Proposed Jacks Mountain Tower

On-site visual observations and a review of the representative USFWS NWI map did not identify any readily identifiable wetlands or wetland characteristics (e.g. standing water, hydrophytic

vegetation, soil saturation and inundation, drainage patterns and sediment deposition, watermarks and drift lines on trees and vegetation, or water stained leaves) or surface waters within the footprint of the Jacks Mountain site. According to the NWI Online Mapper, the nearest identified wetland is a Riverine wetland located approximately 3,380 feet to the southwest of the proposed tower. The Jacks Mountain proposed tower site consists of wooded land along the ridgeline of a mountain top. No wetlands, surface waters, or drainage features are mapped on or in the vicinity of the tower site or utility easement.

Proposed Waterfall Tower

On-site visual observations and a review of the representative USFWS NWI map did not identify any readily identifiable wetlands or wetland characteristics (e.g. standing water, hydrophytic vegetation, soil saturation and inundation, drainage patterns and sediment deposition, watermarks and drift lines on trees and vegetation, or water stained leaves) or surface waters within the footprint of the Waterfall site. According to the NWI Online Mapper, the nearest identified wetland is a Riverine wetland located approximately 2,220 feet to the southeast. The Waterfall proposed tower site consists of wooded land atop a mountain knob. No wetlands, surface waters, or drainage features are mapped on or in the vicinity of the tower site or utility easement.

4.4.1 Surface Water (i.e., Lakes and Rivers)

According to the Susquehanna River Basin Commission (SRBC), Fulton and Huntingdon Counties, Pennsylvania falls within the Juniata Subbasin of the Susquehanna River Basin. The Susquehanna River Basin covers 27,510 square miles of drainage area, covering half the land area of Pennsylvania and portions of New York and Maryland, and includes all or portions of 66 counties. The Juniata subbasin drains an area of approximately 3,400 square miles. The Lower Susquehanna subbasin drains an area of approximately 5,809 square miles. As indicated in Section 4.4, no wetlands or surface waters are mapped on either site.

4.4.2 Groundwater

According to the USGS Pennsylvania Water Science Center, the nearest ground water monitoring station in Huntingdon County, Pennsylvania shows the water level on average at 52.8 feet below the surface. The nearest ground water monitoring station in Fulton County, Pennsylvania shows the water level on average at 19.5 feet below the surface. No groundwater recharge areas are known to exist on any of the project sites (USGS, 2023).

4.4.3 Coastal Zone, Estuary, and Inter-tidal Areas

According to the Coastal Zone Management Act (CZMA), Fulton and Huntingdon Counties are located within an inland portion of Pennsylvania and is not mapped within a coastal zone, estuary, or inter-tidal area. As such, none of the project sites are mapped within a coastal zone, estuary or inter-tidal area.

4.4.4 Flood Plains

EO 11988, "Floodplain Management", requires Federal agencies to avoid actions, to the extent practicable that will result in the location of facilities in floodplains and/or affect floodplain values. Executive Order (EO) 14030, *Climate-Related Financial Risk*, reinstates EO 13690, *Establishing a Federal Flood Risk Management Standard and a Process for Further Soliciting and Considering Stakeholder Input*. EO 13690 requires practitioners to use the Federal Flood Risk Management Standard (FFRMS)-established approaches for identification of floodplains for federally funded projects.

Facilities located in a floodplain may be damaged or destroyed by a flood or may change the flood handle capability of the floodplain, or the pattern, or magnitude of the flood flow. The relevant floodplain for most applicant projects is an area, which has a 1-percent chance of a flood occurrence in a given year. The flood of this interval is referred to as the 100-year flood or the base flood. The floodplain management guidelines require Federal agencies to apply the 0.2 percent or 500-year flood occurrence standard to the location of "critical facilities." Critical facilities include health care facilities, emergency service facilities, and areas used for the storage of hazardous materials.

According to the applicable Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) maps, none of the project sites are mapped within a floodplain.

4.4.5 Wild and Scenic Rivers

According to the National Park Service (NPS) Wild and Scenic Rivers Map, none of the project sites are located near a wild or scenic river. Additionally, the Susquehanna and Juniata Rivers are not considered wild and scenic rivers. Therefore, the project area does not contain any wild and scenic rivers (National Wild and Scenic Rivers, 2023).

4.5 Biological Resources

The Hustontown collocation will take place within an existing telecommunications tower compound which contains a guy-wire tower, support equipment, and buried connection to utilities. The existing compound is contained within a chain link fenced area and is accessible via a gravel driveway. The proposed project involves the installation of antennas on the existing tower and placement of associated equipment within the tower compound.

The areas proposed for the Sideling Hill, Jacks Mountain, and Waterfall Towers and compounds have dense vegetation and is forested with mixed deciduous trees adjacent to an existing access road. The United States Forest Service (USFS) individual tree species parameter map was consulted and identified the following species as typically within the proposed Sideling Hill tower area: white ash, red maple (*Acer rubrum*), sugar maple (*Acer saccharum*), black locust (*Robinia pseudoacacia*) and white oak (*Quercus alba*). The following species are typically within the proposed Waterfall tower area: blackgum (*Nyssa sylvatica*), red maple (*Acer rubrum*), sugar maple (*Acer saccharum*), shagbark hickory (*Carya ovata*), red maple (*Acer rubrum*), black locust

(*Robinia pseudoacacia*), northern red oak (*Quercus rubra*), chestnut oak (*Quercus prinus*), and white oak (*Quercus alba*). The following are typically within the proposed Jacks Mountain tower area: sweet birch (*Betula lenta*), red maple (*Acer rubrum*), scarlet oak (*Quercus coccinea*) and chestnut oak (*Quercus prinus*). Wildlife in the vicinity of Fulton and Huntingdon Counties typically include those associated with forested and rural areas throughout the northeastern United States.

4.5.1 Threatened and Endangered Species

An Informal Biological Assessment was performed by Terracon Consultants, Inc. (Terracon) for each of the proposed towers. As part of the assessment, a preliminary review was completed using the U.S. Fish and Wildlife Service (USFWS) Information, Planning and Conservation System (IPaC) Endangered Species Act species list to identify listed and proposed threatened and endangered species, as well as critical habitats that may be located on or near the proposed project (Appendix D). According to the IPaC report, the following species are listed to have the potential to be present in the vicinity of all four sites:

Table 4.5.1 Federally-Listed Species

Taxon	Name	Species Habitat	Status
Mammals	Indiana Bat (<i>Myotis sodalis</i>)	Found in caves and in wooded land. During the winter, this species utilizes caves or abandoned mines. During summer, this species utilizes wooded areas where trees contain exfoliating bark of live trees or decaying bark of snag trees. (USFWS)	Endangered (Federal)
	Northern Long-eared Bat (<i>Myotis septentrionalis</i>)	Found in caves and in wooded land. During the winter, this species utilizes caves or abandoned mines, called hibernacula. During summer, this species utilizes wooded areas where trees contain exfoliating bark of live trees or decaying bark of snag trees (USFWS).	Endangered (Federal)
	Tricolored Bat (<i>Perimyotis subflavus</i>)	Found in caves and in wooded land. During the winter, this species utilizes caves or abandoned mines for hibernation. When unavailable, this species will often hibernate in roadside culverts or abandoned water wells. During the remainder of the year, this species utilizes wooded areas to roost in dead leaf clusters, recently dead deciduous trees, and occasionally Spanish moss.	Proposed Endangered (Federal)
Insect	Monarch Butterfly (<i>Danaus plexippus</i>)	Found in open prairies, meadows, and grasslands. Sometimes along roadsides and disturbed areas but almost always in the vicinity of milkweed populations. Breeding areas are virtually all patches of milkweed in North America and some other regions. (NatureServe)	Candidate (Federal)
Flowering Plants	Northeastern Bulrush (<i>Scirpus ancistrochaetus</i>)	Found in open, tall herb-dominated wetlands. Often it grows at the water's edge, or in a few centimeters of water, but it may also be in fairly deep water (0.3-0.9 m) or away from standing water. (NatureServe)	Endangered (Federal)

Terracon also utilized the Pennsylvania Natural Diversity Inventory (PNDI) online database environmental review tool to further refine the environmental review process for both federally and Pennsylvania-state protected species. The PNDI system is managed by the Pennsylvania Department of Conservation and Natural Resources (DCNR) in order to build, maintain, and provide accurate and accessible ecological information needed for conservation, development planning, natural resources management, and for the protection of threatened and endangered species, special concern species, and rare and significant ecological features. The PNDI environmental review tool analyzes proposed project footprints against known species locations and recommends conservation measures and other actions that may be needed to maintain compliance with the Federal Endangered Species Act, as well as allied Pennsylvania state species protection laws.

Within Pennsylvania, the PNDI environmental review tool takes primacy in the project environmental review process over IPaC. The environmental review tool is utilized to coordinate concurrent project reviews with the DCNR, the Pennsylvania Fish and Boat Commission (PFBC), the Pennsylvania Game Commission (PGC), and the USFWS. For the Hustontown collocation, the PNDI environmental review tool project response indicates the DCNR, PFBC, PGC, and USFWS concluded: "No Impact is anticipated to threatened and endangered species and/or special concern species and resources. Therefore, no further coordination is required with these state jurisdictional agencies."

For the proposed Sideling Hill, Jacks Mountain, and Waterfall proposed tower sites, the PNDI environmental review tool project response indicates the DCNR and PFBC concluded: "No Impact is anticipated to threatened and endangered species and/or special concern species and resources. Therefore, no further coordination is required with these state jurisdictional agencies." The PGC and USFWS indicated Conservation and Avoidance measures were required for the Northern long-eared bat (*Myotis septentrionalis*, endangered). The avoidance measure indicated by USFWS is to not conduct tree removal from May 15 to August 15.

The Migratory Bird Treaty Act of 1918 (MBTA) decrees that migratory birds and their parts (including eggs, nests, and feathers) are federally protected. The MBTA is the domestic law that affirms, or implements, the United States' commitment to four international conventions (with Canada, Japan, Mexico, and Russia) for the protection of a shared migratory bird resource. Each of the conventions protect selected species of birds that are common to these countries (i.e., they occur in these countries at some point during their annual life cycle). Bald and Golden Eagles are protected by the MBTA as well as the Bald and Golden Eagle Protection Act (BGEPA), enacted in 1940, which prohibits anyone, without a permit issued by the USFWS, from "taking" bald or golden eagles, including their parts (including feathers), nests, or eggs. The following migratory birds of concern were identified within the vicinity of the site on the IPaC:

Table 4.5.2 Migratory Birds

Species Name	Bird of Conservation Concern (BCC)	Seasonal Occurrence in Project Area
Bald Eagle (<i>Haliaeetus leucocephalus</i>)	No	January through December
Black-billed Cuckoo (<i>Coccyzus erythrophthalmus</i>)	Yes	May through October
Black-capped Chickadee (<i>Poecile atricapillus</i>)	Yes	April through July
Cerulean Warbler (<i>Dendroica cerulea</i>)	Yes	April through July
Chimney Swift (<i>Chaetura pelagica</i>)	Yes	March through August
Eastern Whip-poor-will (<i>Antrostomus vociferus</i>)	Yes	May through August
Red-headed Woodpecker (<i>Melanerpes erythrocephalus</i>)	Yes	May through September
Wood Thrush (<i>Hylocichla mustelina</i>)	Yes	May through August

Mitigation measures for migratory birds protected under the MTBA are outlined in Chapter 5.

4.5.2 Critical or Threatened / Endangered Habitat

There are no critical habitats mapped at the site. No wildlife refuges or fish hatcheries are documented at the site. There were no water features identified in the project areas. The site is not mapped within a wilderness area of wildlife preserve. As discussed in Section 4.5.1, the proposed project will not affect listed or protected species.

4.5.3 Wetland Habitats

Due to the scope of the proposed project activities, the current conditions and review of applicable source data, significant changes in surface features such as wetland fill, water diversion or deforestation will not be required at the three proposed tower sites or the one collocation tower site. No wetlands or water features are located on the sites. As discussed in Section 4.4, no wetlands are mapped on the site locations and no wetlands characteristics were observed on either site.

4.6 Historic and Cultural Resources

The NHPA and the Advisory Council on Historic Preservation's implementing regulations, 36 CFR Part 800, require Federal agencies to take into account the effect their actions may have on historic properties prior to carrying out such actions.

4.6.1 Archaeological Resources

Due to prior ground disturbing activities within the Hustontown collocation site, and the small footprint of the proposed collocation, there is a low probability that archaeological materials would be found in an undisturbed context at either site. Therefore, no further archaeological investigations were performed for the proposed projects. Based on the information provided, SHPO found that this project will have no effect on cultural resources eligible for or listed in the National Register of Historic Places. See SHPO documentation included in Appendix E for additional details.

A Phase I cultural resource survey was conducted at the Sideling Hill Tower site, Waterfall Tower site, and the Jack's Mountain Tower site. A pedestrian survey was conducted of each project area, which did not encounter artifacts, historic structural remains, or surface level evidence of cultural deposits. Shovel testing was conducted within the location of the proposed communications compounds and did not encounter subsurface cultural deposits. Based on the results of the pedestrian surveys and subsurface testing at each site, it is unlikely that unknown, NRHP eligible cultural resources are present within the direct APE. Therefore, Terracon recommends a finding of no historic properties for the direct APE. No historic properties have been previously recorded within the individual project areas or within 0.5-mile of the project area (0.75-mile, in the case of Sideling Hill).

No significant archaeological resources (determined to be listed or eligible for the NRHP) were identified within the specific project area boundaries. Additionally, the PA SHPO was consulted with regarding the proposed project and issued a response that they are not aware of any historic resources in the project area that would be affected by the proposed project (Appendix E). Federally recognized Tribal Nations were also consulted regarding the project and did not identify any potential concerns with the project.

4.6.2 Architectural Resources

Project documents for the Waterfall Tower, Sideling Hill Tower, Jacks Mountain Tower, and the Hustontown collocation and the 0.5-mile APE for visual effects (0.75-mile, in the case of Sideling Hill) were submitted through the PA-SHARE website to the Pennsylvania SHPO. According to the results of the records search, no historic properties have previously been recorded within the project area or within the APE for visual effects of each project area. Based on the information provided, SHPO found that the project will have no effect on cultural resources eligible for or listed in the National Register of Historic Places. See SHPO documentation included in Appendix E for additional details.

4.6.3 Native American Traditional, Cultural or Religious Resources

The NHPA requires that federal agencies must consult with any Federally recognized Tribal Nation that attaches religious and cultural significance to historic properties affected by an undertaking in carrying out the Section 106 review process. NTIA has teamed with the FCC to use their Tower Construction Notification System (TCNS), an on-line, password-protected system that notifies all

Tribal Nations and Native Hawaiian Organizations (NHOs) of proposed communication tower construction in their areas of interest. NTIA initiated tribal consultation using Responsible Party prepared information/documentation to notify Tribal Nations of the project and provided the Responsible Party a Notice of Organization (NOO) listing out the tribes consulted and their procedures. Through the TCNS system, NTIA consulted with the following Federally recognized tribes:

- Omaha Tribe of Nebraska
- Delaware Nation
- Absentee-Shawnee Tribe of Indians of Oklahoma
- Tuscarora Nation
- Bad River Band of Lake Superior Tribe of Chippewa Indians
- Red Cliff Band of Lake Superior Chippewa Indians of Wisconsin
- Seneca-Cayuga Nation
- Eastern Shawnee Tribe of Oklahoma
- Wyandotte Nation
- Shawnee Tribe
- Chippewa Cree Tribe of the Rocky Boy's Reservation
- Lac du Flambeau Band of Lake Superior Chippewa Indians
- Delaware Tribe of Indians

Based on NTIA's engagement with the tribes, three tribes (Eastern Shawnee Tribe of Oklahoma, Shawnee Tribe, and Lac du Flambeau Band of Lake Superior Chippewa Indians) replied that they have no concerns with the project. The remainder of the tribes did not respond within the allotted time period, indicating no interest in the project. No Native American Traditional, Cultural or Religious Resources have been identified in the project area. A copy of the project tribal summary table and responses received as part of consultation are included in Appendix C.

4.7 Aesthetic and Visual Resources

None of project sites are located in a national and/or state park. No national scenic trails are mapped within any of the project sites (NPS, 2023b). The NRHP-listed properties identified in Fulton and Huntingdon Counties are further discussed in Section 4.6 (Cultural Resources). The Hustontown collocation will occur on an existing tower.

4.8 Land Use

According to the Huntingdon County Tax Assessor's website, the Jacks Mountain Tower's parent parcel is zoned as agricultural (Huntingdon County, 2023c). The proposed Jacks Mountain Tower has a current land use of undeveloped wooded land on privately owned land adjacent to an existing access road. The proposed Jacks Mountain Tower will involve converting approximately 0.84 acres of forested area for the tower compound, solar arrays, and easements. According to the Fulton County Tax Assessor's website, the Sideling Hill, Waterfall, and Hustontown parent parcel is zoned as agricultural (Fulton County, 2023c). The proposed Waterfall Tower has a

current land use of undeveloped wooded land on privately owned land adjacent to an existing gravel road. The proposed Waterfall Tower will involve converting approximately 2 acres of forested area for the tower compound and easements. The proposed Sideling Hill Tower has a current land use of undeveloped wooded land on privately owned land adjacent to an existing road. The proposed Sideling Hill Tower will involve converting approximately 0.75 acres of forested area for the tower compound and easements. The Hustontown Tower has a current land use of an existing communications tower on privately owned land surrounded by undeveloped land and low-density residential land use. No change to land use is anticipated.

The Farmland Protection Policy Act (FPPA) regulates federal actions with the potential to convert important farmland to non-agricultural uses under 7 CFR Parts 657-658. Important farmland includes all pasturelands, croplands, and forests considered to be prime, unique, or of statewide or locally important lands. Farmland does not have to be currently used for cropland, but land committed to “urban development or water storage” is not subject to FPPA requirements. It assures that to the extent practicable federal programs are administered to be compatible with state/local units of government, and private programs and policies to protect farmland. Projects are subject to FPPA requirements if they may irreversibly convert farmland (directly or indirectly) to nonagricultural use and are completed or assisted by a federal agency, including providing financing or loans. Therefore, only areas designated as “Important” in active agricultural use or not yet developed need to be evaluated.

A consultation of the Soil Survey Geographic Database (SSURGO) shows Hustontown Tower as located within an area considered Farmland of Statewide Importance as defined by 7 CFR §658.2; however, the location is currently a guy-wire tower with associated access road. The soils at the Sideling Hill, Jacks Mountain, and Waterfall proposed tower sites consist of extremely stony/rubby soils which is not considered prime farmland soil.

According to federal lands mapping data maintained by the USGS, USFS, and the National Park Service (NPS) the project sites are not located in an officially designated wilderness area and/or wildlife preserve (i.e. refuge). All four sites, Hustontown Tower (existing), Sideling Hill Tower (proposed new construction), Jacks Mountain (proposed new construction), and Waterfall (proposed new construction) are located on privately owned land and are therein not in an officially designated wilderness area or wildlife preserve.

4.9 Infrastructure

Hustontown Tower is an existing communications tower with connections to electrical and fiber optic utilities. The site is located along an existing highway with an active utility ROW. As the project is to collocate equipment on this tower, no change or impact is anticipated.

Sideling Hill, Jacks Mountain, and Waterfall Towers are proposed new construction communications towers that are adjacent to an existing access road. Improvements to the existing access roads are anticipated. Aside from the tower itself and associated equipment to be installed within the proposed tower compound, no other forms of infrastructure are significant for the purposes of this project. The Responsible Party will contact 811 (Call Before

You Dig) prior to installing subsurface utilities to ensure the installation does not conflict with other utilities already located within the adjacent power easement.

4.10 Socioeconomic Resources

Under EO 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, requires that federal agencies, whenever practical and appropriate, maintain information of populations by race, national origin, or income and shall use this information to determine whether their programs, policies, and activities have disproportionately high and adverse human health or environmental effects. Based on a review the EPA Environmental Justice Screening Tool census report (US EPA, 2023a), Huntingdon County has a population density of 50 people per square mile. The demographics of the community consist of 91% White, 5% Black, and 2% Hispanic. The population is 54% male and 46% female. Age ranges for the population include 4% under the age of 4, 18% under 18, 82% over the age of 18, and 20% over the age of 65. Education statistics for the area indicate 10% of the population has less than a high school education. Linguistically, 96% of the population speaks only English and 4% includes non-English languages at home. Economically, 32% of the population is low income and unemployment is 6%. A total of 78% of properties are owner occupied.

Based on the results of the EJSCREEN report for Huntingdon County, the county is ranked lower than both the state and national average for particulate matter, ozone, diesel particulate matter, air toxics cancer risk, air toxics respiratory HI, traffic proximity, superfund proximity, RMP facility proximity, hazardous waste proximity, underground storage tanks and wastewater discharge. Huntingdon County also has a lower demographic index, less people of color, lower income, the average unemployment rate, and lower-to-average education rates in comparison to the state and USA averages. Huntingdon is a predominantly rural community of Pennsylvania. According to the Climate and Economic Justice Screening Tool, Huntingdon County includes census tracts that are both denoted as disadvantaged and not disadvantaged.

Based on a review the EPA Environmental Justice Screening Tool census report (US EPA, 2023a), Fulton County has a population density of 33 people per square mile. The demographics of the community consist of 96% White, 1% Black, and 1% Hispanic. The population is 51% male and 49% female. Age ranges for the population include 5% under the age of 4, 20% under 18, 80% over the age of 18, and 21% over the age of 65. Education statistics for the area indicate 11% of the population has less than a high school education. Linguistically, 99% of the population speaks only English and 1% includes non-English languages at home. Economically, 29% of the population is low income and unemployment is 5%. A total of 78% of properties are owner occupied.

Based on the results of the EJSCREEN report for Fulton County, the county is ranked lower than both the state and USA average for particulate matter, ozone, diesel particulate matter, air toxics cancer risk, air toxics respiratory HI, traffic proximity, superfund proximity, RMP facility proximity, hazardous waste proximity, underground storage tanks and wastewater discharge. Huntingdon County also has a lower demographic index, less people of color, lower income, the average

unemployment rate, and lower-to-average education rates in comparison to the state and USA averages. Franklin County is a predominantly rural community of Pennsylvania. According to the Climate and Economic Justice Screening Tool, Fulton County includes census tracts that are not disadvantaged.

4.11 Human Health and Safety

The most significant concern to human health and safety for the project is proximity to existing overhead and buried utilities. The Responsible Party will identify buried utilities in the existing ROW and power easement prior to subsurface construction methods through the use of 811 (Call Before You Dig) and permit only workers qualified by training or experience to operate heavy machinery and equipment. Occupational Health and Safety (OSHA) standards will be followed with regarding to all construction activities.

On August 29, 2023, an electronic search using the Commonwealth of Pennsylvania, DEP Environmental Site Assessment Search Tool was performed for both sites to examine facilities in proximity. Layers examined include: Beneficial Land Use, Coal Mining Operation, Coal Pillar Mining, Commercial Hazardous Waste Operation, GP12 Prep Plant Emissions Operation, Mine Drainage Treatment Land Recycling Project, Oil and Gas Entity, Residual Waste Operation, Water Pollution Control Facility, AML Point Feature, AML Inventory Site, AML Polygon Feature, Air Emission Plant, Captive Hazardous Waste Operation, Coal Pillar Oil and Gas, Encroachment Location, Erosion and Sedimentation Control Facility, Industrial Mineral Mining Operation, Land Recycling Cleanup Location, Municipal Waste Operation, Oil and Gas Encroachment Location, Oil and Gas Location, Oil and Gas Water Pollution Control Facility, Storage Tanks-Active, and Storage Tanks-Inactive and Water Resources. No facilities were located within a 500-foot radius of any of the four sites: Hustontown Tower Collocation, Sideling Hill Proposed tower, Jacks Mountain and Waterfall Proposed tower. No potentially hazardous land uses have been identified on or adjacent to the four site locations.

In accordance with Title 14 of the Code of Federal Regulations (14 CFR) Part 77, the proposed Sideling Hill, Jacks Mountain and Waterfall towers will require Federal Aviation Administration (FAA) filing to ensure it does not pose a hazard to air navigation. FAA Part 77 filing typically applies to proposed structures greater than 200' or within the glide slope of an airport. The collocation of antennas on the existing Hustontown tower collocation will not increase the height of the tower and will not require FAA filing.

5.0 Analysis of Environmental Impacts

The level of NEPA analysis depends on the potential significance of the project's environmental impacts. The categories of impacts have been defined as significant, less than significant with BMPs and/or mitigation incorporated, less than significant, or no impact. The term 'significance' as used in NEPA requires considerations of both context and intensity. Context means that the significance of an action must be analyzed in several contexts, such as society as a whole (human, national), the affected region, the affected interests, and the locality. Intensity refers to the

severity of the impact, the cumulative effects, and the degree of controversy surrounding the proposed action. Significance varies with the setting of the proposed action. Both short-term and long-term effects are relevant. Impacts that are routinely handled through issuance of permits, consultations, modifications to design, or other agreements are generally not considered to be significant unless there are exceptional circumstances and/or a potential for generating substantial controversy. It should be noted that minimal discussion is provided within the table and following sections regarding areas of the affected environment where little to no consequence is anticipated regarding the proposed action.

5.1 Noise

Under the Proposed Action Alternative, short term direct impacts from mechanized construction equipment (pickup trucks, installation equipment, etc.) would occur during the tower and equipment installation phase. Typical construction equipment can cause noise levels above 70 dB (ANSI, 2018). These impacts would be temporary and minor and would be most impactful at the location of the noise-generating equipment. On-going operations at telecommunications tower sites are not considered significant sources of noise. Sound generation may occasionally occur from emergency generators utilized at the project locations in the case of power loss. The Hustontown tower site already contains an emergency backup generator within the existing tower compound. The Sideling hill, Jacks Mountain, and Waterfall proposed tower sites will include a new generator; however, no sensitive receptors (churches, schools, etc.) are located within 0.5-miles of the sites. There are residences within 0.5-mile of all sites; however, the tree coverage between the proposed towers and residences will provide a buffer.

The Huntingdon County Model Zoning Ordinance maximum permissible sound level limits do not apply to the *repair or installation of utilities or construction of structures, sidewalks or streets between the hours of 6am and 9pm*. As such, mitigation methods at the proposed Hustontown collocation includes limiting the hours of construction to occur only during normal business hours (6am to 9pm). Workers should follow OSHA requirements for worker protection (i.e. wearing hearing protection). The Proposed Action would not introduce significant long-term changes to the noise environment at each location. Noise impacts resulting from the project are considered to be less than significant. No indirect impacts are anticipated.

Under the No Action Alternative, no impacts would occur to noise levels.

5.2 Air Quality

Construction activities associated with the proposed project would generate particulate matter from soil disturbances and diesel-powered equipment (direct impacts). Air emissions from construction vehicles and equipment would be minor and temporary resulting in negligible impacts to air quality. Ground disturbing activities such as tree clearing, and trenching would temporarily generate fugitive dust emissions. To minimize the effects of fugitive dust during construction, dust suppression via water trucks or other methods may be implemented. Post-construction, the construction-scarred areas would be re-vegetated where necessary. The re-establishing vegetation would also serve to reduce fugitive dust.

Post-construction during the operational period, there would not be significant emissions of air pollutants at either site. The Hustontown collocation site contains an existing emergency generator already in-use, and the proposed Sideling Hill, Jacks Mountain, and Waterfall tower sites includes the installation of a new emergency backup generator. The proposed 24 horsepower (hp) generator will run on a two-cylinder engine and be fueled by an adjacent propane storage tank. Based on these specifications, the proposed generator is below the 100 hp threshold under 25 Pennsylvania Code Section 127.14(a)(8) Air Permit Exemptions. As such, a PA DEP air permit for the proposed generator is not required and mitigation measures are not anticipated. Air quality impacts directly resulting from the project are considered to be less than significant.

Under the No Action Alternative, no impacts would occur to air quality.

5.3 Geology and Soils

The proposed Hustontown collocation involves the installation of equipment on the existing tower and within the previously disturbed and gravel-covered tower compound. Construction of the three new towers at Sideling Hill, Jacks Mountain, and Waterfall Towers will necessitate about 0.75, 0.84, and 2 acres, respectively, of ground disturbance for the new tower location compound and ground disturbance of varying length is anticipated for the installation of an electric utility easements and access roads. During construction, soil erosion and sedimentation can be avoided or minimized through best management practices (BMPs). Site watering can serve to suppress fugitive dust along with seeding and stabilization required for compliance with BMPs. Post-construction, the construction-scarred areas would be re-vegetated where necessary. The re-establishing vegetation would serve to reduce erosion and fugitive dust. Geologic and soil impacts resulting from the project are considered to be less than significant.

Under the No Action Alternative, no impacts would occur to geology and soils.

5.4 Water Resources

As discussed in Chapter 4, no wetlands; surface waters; groundwater recharge areas; sole source aquifers; 100-year floodplains; wild and scenic rivers; or other water resources were identified on the three proposed tower sites and the one tower collocation site. Significant impacts to water resources are not anticipated as no on-site or adjacent water features will be crossed, filled, or otherwise impacted by the proposed project. As currently proposed, no water resource impacts resulting from the project are anticipated.

Under the No Action Alternative, no impacts would occur to water resources.

5.5 Biological Resources

An Informal Biological Assessment was performed by Terracon Consultants regarding the proposed project. Habitat for threatened and endangered species, PNDI species of concern, and Birds of Conservation Concern/migratory birds were compared to the conditions on the site. For the Hustontown collocation project, the PNDI environmental review tool project response

indicates the DCNR, PFBC, PGC, and USFWS concluded: "No Impact is anticipated to threatened and endangered species and/or special concern species and resources. Therefore, no further coordination is required with these state jurisdictional agencies."

For the proposed Sideling Hill, Jacks Mountain, and Waterfall proposed tower sites, the PNDI environmental review tool project response indicates the DCNR and PFBC concluded: "No Impact is anticipated to threatened and endangered species and/or special concern species and resources. Therefore, no further coordination is required with these state jurisdictional agencies." The PGC and USFWS indicated Conservation and Avoidance measures were required for the Northern long-eared bat (*Myotis septentrionalis*, endangered). The avoidance measure indicated by USFWS is to not conduct tree removal from May 15 to August 15.

Based on a review of the habitat for the above-listed species, compared to an analysis of the habitat present on the site location, it is anticipated that the proposed Sideling Hill, Jacks Mountain, and Waterfall telecommunications towers or proposed Hustontown collocation will result in less than significant direct or indirect impacts to protected species or critical habitats.

No bald or golden eagle nests have been documented within 660 feet of either site; however, several migratory birds were identified with the potential to occur in the vicinity of the proposed Sideling Hill, Jacks Mountain, and Waterfall tower sites. If construction is to occur during a breeding season, a preconstruction nesting survey is recommended as a mitigation measure. Additionally, USFWS recommendations published in Revised Guidelines for Communication Tower Design, Siting, Construction, Operation, Retrofitting, and Decommissioning (2021) state the preferred tower height to decrease potential effects on migratory birds is less than 200 feet tall. Siting and design process for this project could not conform to all the USFWS recommendations; however, mitigating factors proposed for implementation at the site include the following: limiting the tower height to 199 feet, location in minimally sensitive areas, and eliminating the need for guy wires. While migratory birds are not anticipated to be a concern for the Hustontown collocation site, the Responsible Party should confirm the tower does not contain any avian nests or activities prior to commencing with the equipment installation.

Based on the above mitigation measures, it is anticipated that the proposed Sideling Hill, Jacks Mountain, and Waterfall telecommunications towers or proposed Hustontown collocation will result in less than significant direct or indirect impacts to migratory birds protected under the MTBA.

Under the No Action Alternative, no impacts would occur to biological resources.

5.6 Historic and Cultural Resources

No archeological resources were identified at any of the four site locations. No aboveground Historic Properties were determined to be affected by any project. Both the State Historic Preservation Office (SHPO) and Federally-recognized tribes with ancestral interest in the region have been contacted regarding the project and did not identify any adverse impacts or concerns.

In the unlikely event that unanticipated historic properties, cultural artifacts, archeological deposits, or human remains are inadvertently encountered during the bore program excavation activities, all ground disturbing activities must halt immediately, and NTIA along with the appropriate state and/or tribal agencies must be contacted, in accordance with applicable state law and federal regulation (36 C.F.R. § 800.13(b)). The proposed action will result in no significant direct or indirect impact to historic and cultural resources.

Under the No Action Alternative, no impacts would occur to cultural resources.

5.7 Aesthetic and Visual Resources

The collocation of antenna arrays and ground-based equipment at the location of Hustontown will not have a significant aesthetic or visual impact on the surrounding viewshed. No significant resources were identified in the viewshed of the proposed Sideling Hill, Jacks Mountain, or Waterfall towers. The proposed action will result in less than significant direct or indirect impacts to aesthetic and visual resources.

Under the No Action Alternative, no impacts would occur to aesthetic and visual resources.

5.8 Land Use

The project sites are classified as agricultural land in a predominantly rural area. Rural areas have historically lacked the access to broadband that is available to more urban locations. The proposed project is anticipated to have a beneficial impact on occupants of surrounding areas. Hustontown Tower has a current land use of an existing communications tower on privately owned land surrounded by undeveloped land and low-density residential land use. No change to land use is anticipated. The proposed Sideling Hill Tower has a current land use of undeveloped wooded land on privately owned land adjacent to an existing road. The proposed Sideling Hill Tower will involve converting approximately 0.75 acres of forested area for the tower compound and easement. The proposed Jacks Mountain Tower has a current land use of undeveloped wooded land on privately owned land adjacent to an existing road. The proposed Jacks Mountain Tower will involve converting approximately 0.84 acres of forested area for the tower compound, solar array location, and easement. The proposed Waterfall Tower has a current land use of undeveloped wooded land on privately owned land adjacent to an existing road. The proposed Water Tower will involve converting approximately 2 acres of forested area for the tower compound and easements.

Additionally, the proposed action will not impact prime farmland. The proposed action will result in less than significant direct or indirect impacts to land use.

Under the No Action Alternative, no impacts would occur to land use.

5.9 Infrastructure

The proposed action involves a tower collocation and three proposed towers. The project will not involve any infrastructure alterations of these areas outside of their designated use. Overall,

the project is anticipated to provide a beneficial impact to the community of Fulton and Huntingdon Counties that currently lack access to broadband. To ensure minimal conflict with other utilities in the area, the Responsible Party will utilize 811 (Call Before You Dig) to identify potentially buried utilities in the power easement prior to any construction activities. The proposed action will result in no significant direct or indirect impacts to infrastructure.

Under the No Action Alternative, no installation or upgrades to broadband would occur in Fulton and Huntingdon Counties. Although the existing communities could continue as is and the no action alternative does not preclude the potential for future upgrades/installations to occur, installation or upgrades to broadband would be a beneficial impact; therefore, less than significant impacts would occur to infrastructure.

5.10 Socioeconomic Resources

The proposed sites are located in predominantly rural communities of Fulton and Huntingdon Counties, some of which are considered disadvantaged populations. The proposed action will not generate any negative environmental conditions that would adversely impact surrounding populations or communities. Alternatively, the proposed project is anticipated to have a beneficial impact on the occupants of these rural and residential areas, who have previously lacked access to broadband that is available in more urban/populated areas. The proposed action will result in no significant direct or indirect impacts to socioeconomic resources.

Under the No Action Alternative, communities in rural and residential Fulton and Huntingdon Counties would continue to lack access to broadband infrastructure, which would result in a significant impact.

5.11 Human Health and Safety

No potential environmental concerns have been identified in the vicinity of the sites that would potentially impact soil or groundwater. The Responsible Party will additionally identify buried utilities in the ROW prior to subsurface construction methods through the use of 811 (call before you dig) and permit only workers qualified by training or experience to operate heavy machinery and equipment. FAA Part 77 filing will be completed for the proposed Sideling hill, Jacks Mountain, and Waterfall tower sites to ensure the towers do not pose a hazard to air navigation. Given the nature of the proposed action, however, beneficial impacts to human health and safety will result in the form of better communication capabilities, higher security, and improved access to health care due to broadband access.

Under the No Action Alternative, no installation or upgrades to broadband would occur in Fulton and Huntingdon Counties. Although the existing communities could continue as is and the no action alternative does not preclude the potential for future upgrades/installations to occur, installation or upgrades to broadband would be a beneficial impact; therefore, less than significant impacts would occur to human health and safety.

5.12 Cumulative impacts

Cumulative impacts take into consideration reasonably foreseeable future actions that will occur in the project region as well as reasonably close causal relationships to the proposed action. Based on a review of documents from the local jurisdictional planning and development groups, the proposed action fits within the broader goals of the community through providing gaps of broadband and internet coverage that will allow for economic development, job creation, and education opportunities. Additionally, the work will be performed in compliance with applicable county's planning and zoning requirements.

In addition to the local planning and development guidelines, the proposed action (the construction of one tower and the collocation of equipment on another) is part of an overall project that includes the development of multiple other towers and additional collocations within the region. The overall project will provide further expansion and eliminate gaps in rural internet coverage. Sections of the overall project were created in accordance with the proposed buildout requirements of the grant. While each portion of this project will be considered in within own Environmental Assessment, the cumulative effect of this collective portfolio are not anticipated to result in significant adverse environmental impacts.

6.0 Applicable Environmental Permits and Regulatory Requirements

The following Special Requirements shall be implemented as part of the proposed action to retain a finding of no significant impact:

- It should be confirmed that there are no active nests on the Hustontown tower prior to collocation activities, to ensure the protection of migratory birds during project implementation.
 - The PGC and USFWS indicated Conservation and Avoidance measures were required for the Northern long-eared bat (*Myotis septentrionalis*, endangered) for the Sideling Hill, Jacks Mountain, and Waterfall proposed towers. The avoidance measure indicated by USFWS is to not conduct tree removal from May 15 to August 15.
 - Pre-construction nesting surveys for migratory birds should be completed at the Sideling Hill, Jacks Mountain, and Waterfall sites before ground disturbing activities that occur with migratory bird nesting seasons.
 - In the unlikely event that unanticipated historic properties, cultural artifacts, archeological deposits, or human remains are inadvertently encountered during the bore program excavation activities, all ground disturbing activities must halt immediately, and NTIA along with the appropriate state and/or tribal agencies must be contacted, in accordance with applicable state law and federal regulation (36 C.F.R. § 800.13(b)).
 - Limiting the hours of construction to occur only during designated construction hours (6am and 9pm) to reduce off-site noise impacts to sensitive receptors and comply with County Noise Ordinances.
-

- Use of dust suppression techniques via water trucks or other methods may be implemented to reduce fugitive dust emissions during construction.
- A NPDES permit is not anticipated due to construction less than one acre for the Hustontown collocation and the Sideling Hill and Jacks Mountain proposed tower sites. A NPDES permit would be required for proposed Waterfall tower site which require greater than one acre of disturbance during construction activities.
- The Responsible Party will screen the project location for existing buried utilities by calling 811 (Call Before You Dig) and permit only workers qualified by training or experience to operate heavy machinery and equipment. Workers should follow OSHA requirements for worker protection (i.e. wearing hearing protection, etc.).
- Coordination with the Federal Aviation Administration (FAA) will be completed to ensure the proposed tower will pose no hazards to air navigation.

Table 6.0 Potential Applicable Statutory, Regulatory, and Other Requirements

Regulation	Project Information / Applicability
All Resources	
National Environmental Policy Act (NEPA) of 1969 42 U.S.C. § 4321 et seq.	NEPA EA and associated public involvement procedures are underway.
Vegetation, Wildlife, and Fish	
Endangered Species Act of 1973 16 U.S.C. § 1531 et seq.	Review of the Hustontown tower collocation site indicated no environmental concerns with any agencies and no further ESA consultation was required for the proposed collocation and construction. The PGC and USFWS indicated Conservation and Avoidance measures were required for the Northern long-eared bat (<i>Myotis septentrionalis</i> , endangered) for the Sideling Hill, Jacks Mountain, and Waterfall proposed towers. The avoidance measure indicated by USFWS is to not conduct tree removal from May 15 to August 15.
Magnuson-Stevens Fishery Conservation and Management Act (Magnuson-Stevens Act) of 1976 16 U.S.C. 1801 et seq.	The project as currently proposed will have no effect on fisheries.
Bald Eagle and Golden Eagle Protection Act (Eagle Act) of 1940 16 U.S.C. § 668-668d	No bald or Golden Eagles nests are documented within 660 feet of either project site. The project as currently proposed will have no effect on Bald or Golden Eagles. See mitigation measures below regarding migratory birds.

Regulation	Project Information / Applicability
<p>Migratory Bird Treaty Act (MBTA) of 1918 16 U.S.C. § 703-712</p> <p>Responsibilities to Federal Agencies to Protect Migratory Birds Executive Order 13186</p>	<p>It should be confirmed that there are no active nests on the tower prior to collocation activities, to ensure the protection of migratory birds during project implementation. Pre-construction nesting surveys for migratory birds should be completed at the Sideling hill, Jacks Mountain, and Waterfall sites before ground disturbing activities. The project as currently proposed will have no effect on migratory birds.</p>
<p>Fish and Wildlife Conservation Act 16 U.S.C. § 2901 et seq.</p> <p>Fish and Wildlife Coordination Act 16 U.S.C. § 661 et seq.</p>	<p>The project as currently proposed will not affect wildlife resources as long as mitigation measures are followed regarding the Northern long-eared bat and migratory birds.</p>
Waters, Wetlands, and Floodplain Protection	
<p>Clean Water Act 33 U.S.C. § 1251 et seq.</p> <p>Floodplain/Wetlands Environmental Review Requirements 10 CFR 1022.12</p> <p>Floodplain Management Executive Order 11988</p> <p>Protection of Wetlands Executive Order 11990</p>	<p>No wetlands, floodplains, surface waters, or WOTUS have been identified on or near either site. The project will not impact these features.</p>
<p>Coastal Zone Management Act (CZMA) 16 U.S.C. § 1451 et seq.</p>	<p>The project is not located in a coastal zone requiring coordination under the CZMA.</p>
Air Quality and Greenhouse Gases	
<p>The Clean Air Act, as revised in 1990 42 U.S.C. § 4701</p> <p>Final Mandatory Reporting of Greenhouse Gases Rule 40 CFR 98</p> <p>Federal Leadership in Environmental, Energy, and Economic Performance Executive Order 13514</p>	<p>The project is not anticipated to require any air permits. To minimize the effects of fugitive dust during construction, dust suppression techniques via water trucks or other methods would be implemented.</p> <p>The project is not anticipated to require any air permits. To minimize the effects of fugitive dust during construction, dust suppression techniques via water trucks or other methods would be implemented.</p>

Regulation	Project Information / Applicability
Cultural and Historic Resources	
Antiquities Act of 1906 16 U.S.C. § 431-433	Impacts to cultural resources are not anticipated. In the unlikely event that unanticipated historic properties, cultural artifacts, archeological deposits, or human remains are inadvertently encountered during the bore program excavation activities, all ground disturbing activities must halt immediately, and NTIA along with the appropriate state and/or tribal agencies must be contacted, in accordance with applicable state law and federal regulation (36 C.F.R. § 800.13(b)).
Historic Sites Act of 1935 16 U.S.C. § 461-467	
National Historic Preservation Act (NHPA), as amended, inclusive of Section 106 54 U.S.C. § 306108 et seq.	
Archaeological Data Preservation Act of 1974 (16 U.S.C. § 469 – 469-1)	
Archaeological Resources Protection Act of 1979, as amended 16 U.S.C. § 469 a-c	
Native American Graves Protection and Repatriation Act 25 U.S.C. § 3001 et seq.	
Indian Sacred Sites Executive Order 13007	
American Indian Religious Freedom Act of 1978 (42 U.S.C. § 1996)	
Noise, Public Health, and Safety	
Noise Control Act of 1972 42 U.S.C. § 4901 et seq.	Construction work will be performed during construction hours of 6am to 9pm to reduce construction noise to off-site sensitive receptors.

Regulation	Project Information / Applicability
Spill Prevention Control and Countermeasures Rule 40 CFR 112	Construction work will be performed during construction hours of 6am to 9pm to reduce construction noise to off-site sensitive receptors. Workers should follow OSHA requirements for worker protection (i.e. wearing hearing protection, etc.). The Responsible Party will identify buried utilities prior to subsurface construction methods using 811 (Call Before You Dig) and permit only workers qualified by training or experience to operate heavy machinery and equipment. Coordination with the Federal Aviation Administration (FAA) will be completed to ensure the proposed tower will pose no hazards to air navigation.
Comprehensive Environmental Response, Compensation, and Liability Act 42 U.S.C. § 9601 et seq.	
Resource Conservation and Recovery Act 42 U.S.C. § 6901 et seq.	
The Toxic Substances Control Act 15 U.S.C. 2601 et seq.	
Environmental Justice	
Environmental Justice	No additional requirements apply to the project for Environmental Justice.
State, County, and Local Plan Consistency	
NPDES Permit	A NPDES permit is not anticipated due to construction less than one acre for the Hustontown collocation, and the Sideling Hill and Jacks Mountain proposed tower sites. A NPDES permit would be required for proposed Waterfall tower site which require greater than one acre of disturbance during construction activities.

7.0 Consultations

Table 7.0 Agency Consultations:

Agency and Name	Consultation	Status
Hustontown Collocation		
Pennsylvania Game Commission	Environmental Review	No further review required, no known impact
PA Department of Conservation and Natural Resources	Environmental Review	No further review required, no known impact
PA Fish and Boat Commission Josh Brown	Environmental Review	No further review required, no known impact
United States Fish and Wildlife Service	Environmental Review	No further review required, no known impact
PA SHPO Emma Diehl	Section 106 of the NHPA	SHPO Concurrence received

Agency and Name	Consultation	Status
Sideling Hill, Jacks Mountain, and Waterfall Proposed Towers		
Pennsylvania Game Commission	Environmental Review	No further review required, Conservation Measure
PA Department of Conservation and Natural Resources	Environmental Review	No further review required, no known impact
PA Fish and Boat Commission Josh Brown	Environmental Review	No further review required, no known impact
United States Fish and Wildlife Service	Environmental Review	Avoidance measures
PA SHPO Emma Diehl	Section 106 of the NHPA	SHPO Concurrence received
Hustontown Collocation		
Dublin Township Jeff Croft	Section 106 of the NHPA	No response received
Fulton County Historical Society	Section 106 of the NHPA	No response received
Proposed Sideling Hill Tower		
Brush Creek Township Stacey Golden	Section 106 of the NHPA	No response received
Fulton County Historical Society	Section 106 of the NHPA	No response received
Proposed Jacks Mountain Tower		
Cromwell Township	Section 106 of the NHPA	No response received
Huntingdon County Historical Society Margaret Skrivseth	Section 106 of the NHPA	No response received
Proposed Waterfall Tower		
Taylor Township Monica Mellott	Section 106 of the NHPA	No response received
Fulton County Historical Society	Section 106 of the NHPA	No response received

Tribal Nation Consultation

NTIA initiated tribal consultation using Responsible Party prepared information/documentation to notify Tribal Nations of the project and provided The Responsible Party a NOO listing out the tribes consulted and their procedures. Through the TCNS system, NTIA consulted with the following Federally-recognized tribes:

- Omaha Tribe of Nebraska
- Delaware Nation
- Absentee-Shawnee Tribe of Indians of Oklahoma
- Tuscarora Nation
- Bad River Band of Lake Superior Tribe of Chippewa Indians
- Red Cliff Band of Lake Superior Chippewa Indians of Wisconsin

- Seneca-Cayuga Nation
- Eastern Shawnee Tribe of Oklahoma
- Wyandotte Nation
- Shawnee Tribe
- Chippewa Cree Tribe of the Rocky Boy's Reservation
- Lac du Flambeau Band of Lake Superior Chippewa Indians
- Delaware Tribe of Indians

Based on NTIA's engagement with the tribes, three tribes (Eastern Shawnee Tribe of Oklahoma, Shawnee Tribe, and Lac du Flambeau Band of Lake Superior Chippewa Indians) replied that they have no concerns with the project. The remainder of the tribes did not respond within the allotted time period, indicating no interest in the project. No Native American Traditional, Cultural or Religious Resources have been identified in the project area.

8.0 References

- American National Standards Institute (ANSI). (2018, October 26). How Loud Is Construction Site Noise? <https://blog.ansi.org/2018/10/how-loud-is-construction-site-noise/#gref>
- Huntingdon County Planning and Development Department. (2008). Huntingdon County Model Zoning Ordinance. https://www.huntingdoncounty.net/getmedia/2e9e59e5-d37a-413b-9b47-906f0d02cae3/Model-Zoning-Ordinance_scanned.pdf
- Meyer-Bisch C. National Library of Medicine. (2005). [Measuring Noise]. <https://pubmed.ncbi.nlm.nih.gov/15885208/>
- National Park Service (NPS). (2023a). National Parks Map. <https://www.nps.gov/state/nc/index.htm>
- NPS. (2023b). National Trails System Map. <https://www.nps.gov/subjects/nationaltrailssystem/maps.htm>
- National Wild and Scenic Rivers. (2023). National Wild and Scenic Rivers Map. <https://rivers.gov/>
- PA DEP search. (2023). <https://gis.dep.pa.gov/esaSearch/>
- Pennsylvania Code. (2023). Pa Code 25 Section 127. <https://www.pacodeandbulletin.gov/Display/pacode?file=/secure/pacode/data/025/chapter127/chap127toc.html&d=reduce>
- Pennsylvania Department of Conservation and Natural Resources (DCNR). (2019). Pennsylvania Natural Diversity Inventory (PNDI). <https://www.naturalheritage.state.pa.us/>
- United States Army Corps of Engineers (USACE). (1987, January). Corps of Engineers Wetland Delineation Manual. <https://www.lrh.usace.army.mil/Portals/38/docs/USACE%2087%20Wetland%20Delineation%20Manual.pdf>
- United States Department of Agriculture (USDA) Natural Resource Conservation Service's (NRCS) Web Soil Survey. (2008a). Soil Survey by State. <https://www.nrcs.usda.gov/conservation-basics/natural-resource-concerns/soil/soil-surveys-by-state>
- USDA. (2019b). Web Soil Survey. <https://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm>
-

United States Environmental Protection Agency (US EPA). (2023a, January 27). EJScreen and ACS Summary Report. <https://www.epa.gov/ejscreen>

US EPA, Office of Noise Abatement and Control. (1974b March). Information on Levels of Environmental Noise Requisite to Protect Public Health and Welfare With an Adequate Margin of Safety.
<https://nepis.epa.gov/Exe/ZyPDF.cgi/2000L3LN.PDF?Dockey=2000L3LN.PDF>

US EPA. (2022c, April 5). NAAQS Table. <https://www.epa.gov/criteria-air-pollutants/naaqs-table>

US EPA. (2023d). Sole Source Aquifers Mapper.
<https://epa.maps.arcgis.com/apps/webappviewer/index.html?id=9ebb047ba3ec41ada1877155fe31356b>

US EPA. (2022e, November 14). EPA Approved Statutes and Regulations in the Pennsylvania SIP.
<https://www.epa.gov/sips-pa/epa-approved-regulations-pennsylvania-sip>

United States Forestry Service (USFS). (2023). Individual Tree Species Parameter Map.
<https://usfs.maps.arcgis.com/apps/webappviewer/index.html?id=4ebf103ddeeb4766a72e58cb786d3ee2>

United States Fish and Wildlife Service (USFWS). (2023a). Critical Habitat Mapper.
<https://fws.maps.arcgis.com/home/webmap/viewer.html?webmap=9d8de5e265ad4fe09893cf75b8dbfb77>

USFWS. (2023b). Information for Planning and Consultation (IPAC) System.
<https://ipac.ecosphere.fws.gov/>

USFWS. (2023c). National Wetland Inventory Mapper. <https://www.fws.gov/program/national-wetlands-inventory/wetlands-mapper>

United States Geological Survey (USGS). (1980a). Pennsylvania geologic map data.
<https://mrdata.usgs.gov/geology/state/state.php?state=PA>

APPENDIX A

List of Preparers

Name	Title	Role
Emily Kosmalski	Environmental Planning Manager	Report Review and QA/QC
Kathy Eisele	Senior Environmental Planner	Author / Tribal and Agency Consultation Coordinator
Cyra Malec	Environmental Planner	Author
Trevor Underwood	Environmental Planner	Biological and Wetland Resource Author
Paul DeAngelo	Senior Biologist	Biological and Wetland Resource Reviewer
Suzanne Reece	Senior Archeologist, Principal Investigator	Cultural Resources Reviewer
Patricia Davenport – Jacobs Meghan Browning	Architectural Historian, Principal Investigator	Cultural Resources Researchers
Josh Duncan	Archeologist	Cultural Resources Research

APPENDIX B

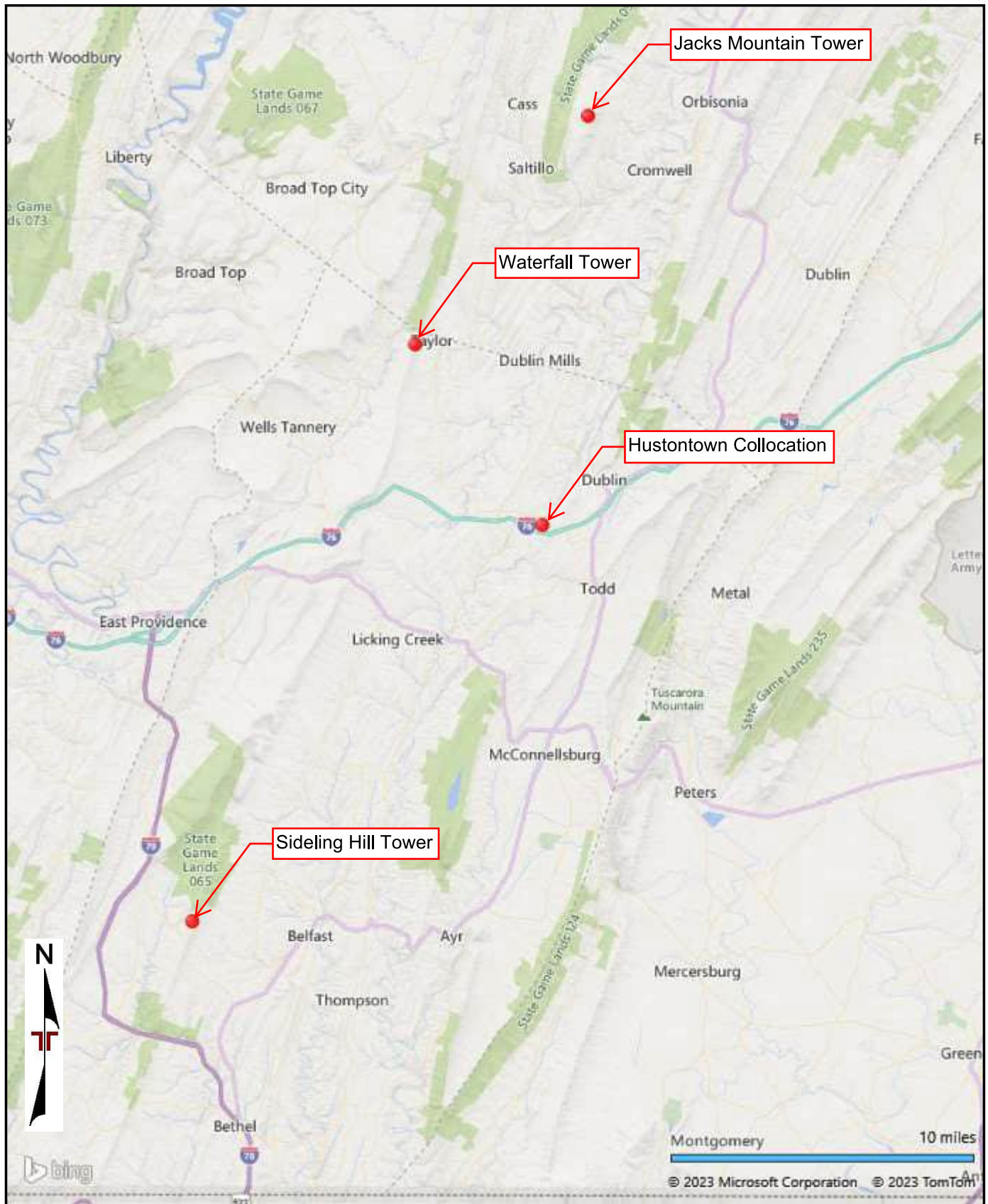

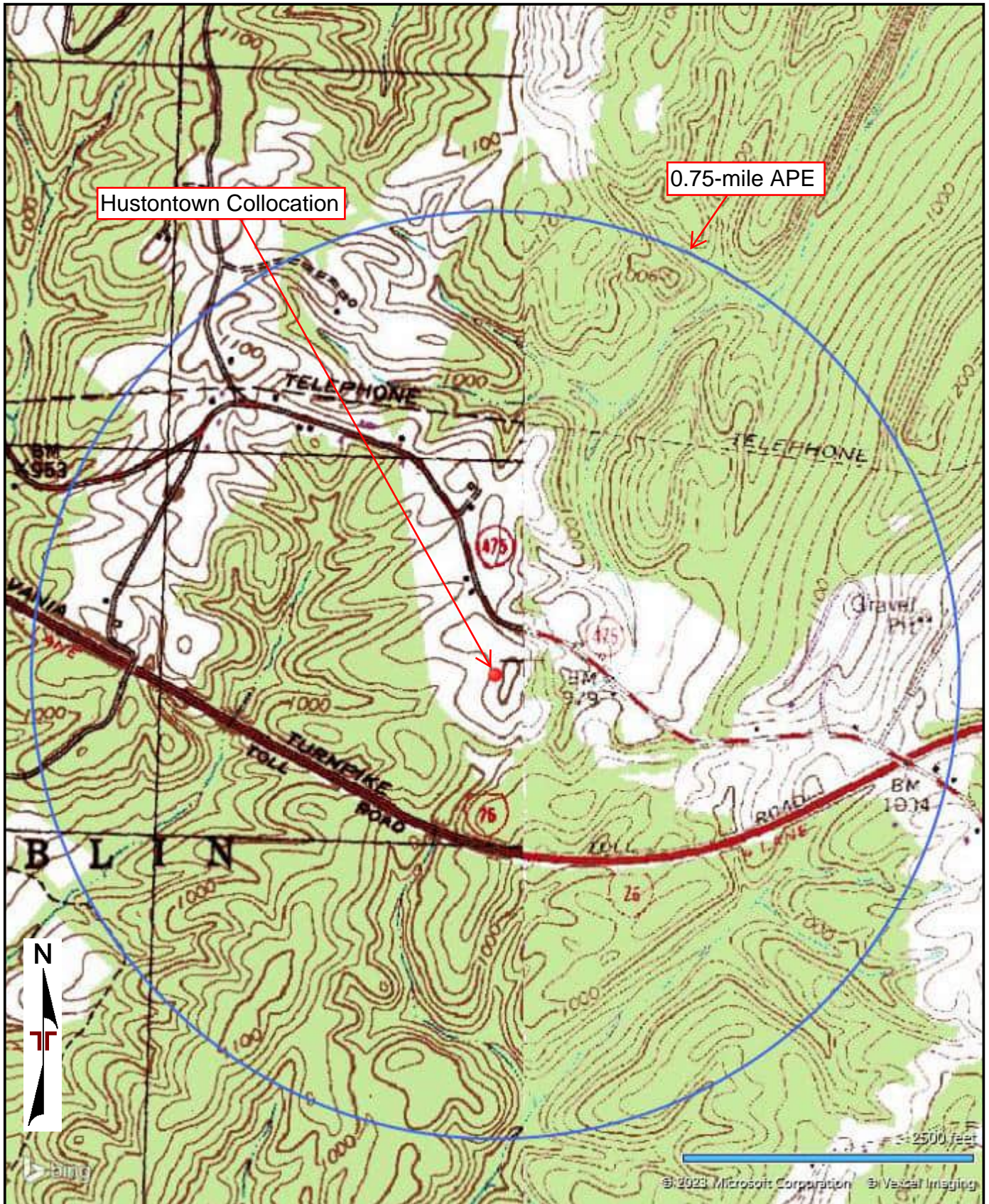


DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES


AERIAL PHOTOGRAPHY PROVIDED BY MICROSOFT BING MAPS

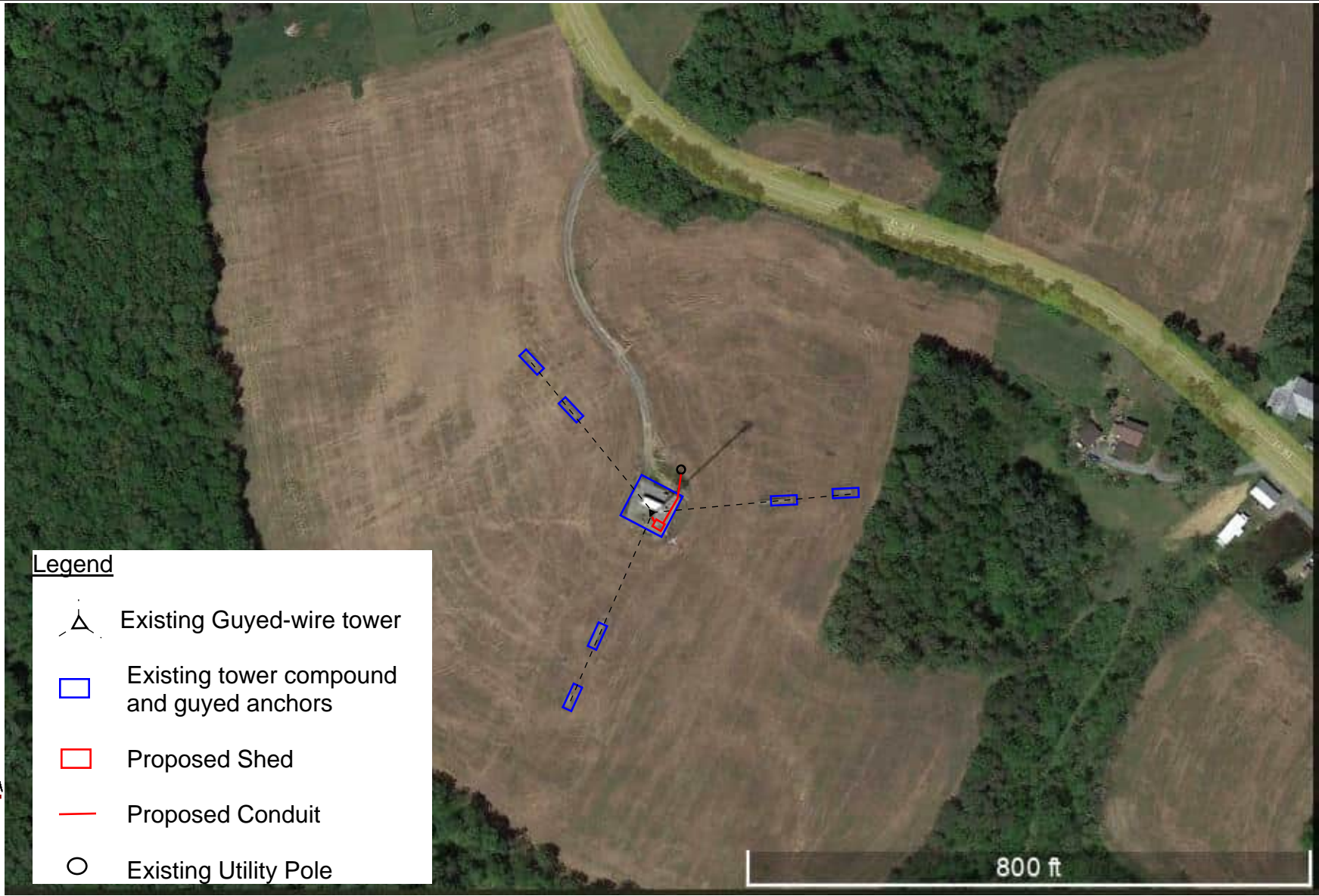
Project Manager: KAE	Project No. J8237072	 844 N Lenola Rd, Ste 1 Moorestown, NJ 08057-1052	VICINITY MAP	Exhibit
Drawn by: ORB	Scale: AS SHOWN		Waterfall Tower, Sideling Hill Tower, Jacks Mountain Tower, Hustontown Collocation	1
Checked by: KAE	File Name: J8237072			
Approved by: KAE	Date: August 2023			

Hustontown Collocation Figures



TOPOGRAPHIC MAP IMAGE COURTESY OF THE U.S. GEOLOGICAL SURVEY
 QUADRANGLES INCLUDE: HUSTONTOWN, PA (1/1/1994) and BURNT CABINS, PA (1/1/1973).

Project Manager: KAE	Project No. J8237072	 844 N Lenola Rd, Ste 1 Moorestown, NJ 08057-1052	Topographic Map	Exhibit
Drawn by: JPD	Scale: AS SHOWN		Hustontown Collocation Dublin Township, Fulton County, PA Coordinates: 40.04139, -78.00060	2a
Checked by: KAE	File Name: J8237072			
Approved by: KAE	Date: August 2023			



Legend







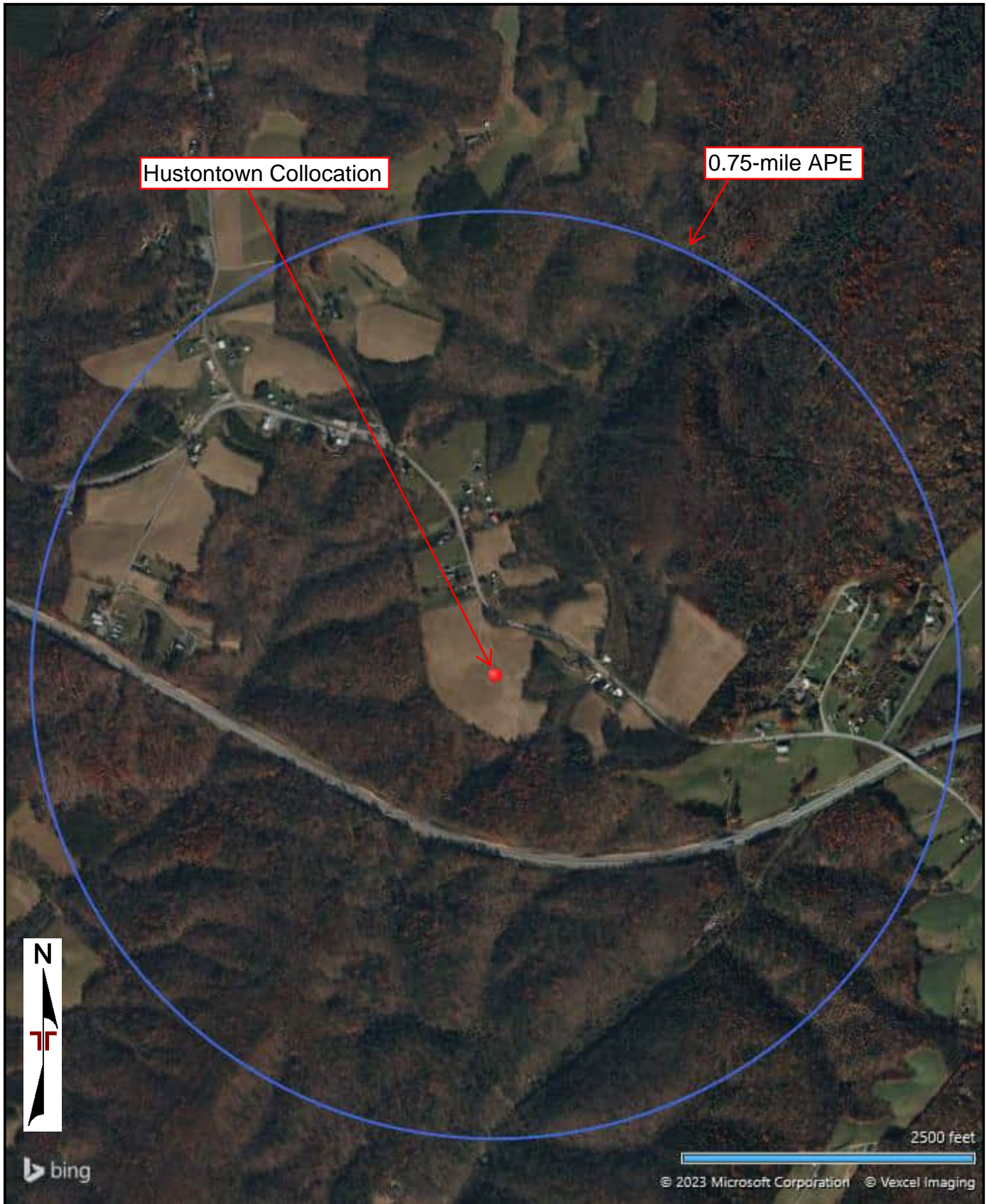

-  Existing Guyed-wire tower
-  Existing tower compound and guyed anchors
-  Proposed Shed
-  Proposed Conduit
-  Existing Utility Pole

DIAGRAM IS FOR GENERAL LOCATION ONLY,
AND IS NOT INTENDED FOR CONSTRUCTION
PURPOSES

<div>Project Manager: KAE</div> <div>Drawn by: JKW</div> <div>Checked by: KAE</div> <div>Approved by: KAE</div>	<div>Project No. J8237072</div> <div>Scale: AS SHOWN</div> <div>File Name: J8237072</div> <div>Date: May 2023</div>	<div></div> <div>844 N Lenola Rd, Ste 1 Moorestown, NJ 08057-1052</div>	<div>Proposed Site Plans</div> <div>Hustontown Collocation Dublin Township, Fulton County, PA Coordinates: 40.04139, -78.00060</div>	<div>Exhibit</div> <div>3a</div>
---	---	---	--	----------------------------------



AERIAL PHOTOGRAPHY PROVIDED
BY MICROSOFT BING MAPS

Project Manager: KAE	Project No. J8237072	 844 N Lenola Rd, Ste 1 Moorestown, NJ 08057-1052	Aerial Location Map Hustontown Collocation Dublin Township, Fulton County, PA Coordinates: 40.04139, -78.00060	Exhibit 4a
Drawn by: JPD	Scale: AS SHOWN			
Checked by: KAE	File Name: J8237072			
Approved by: KAE	Date: August 2023			

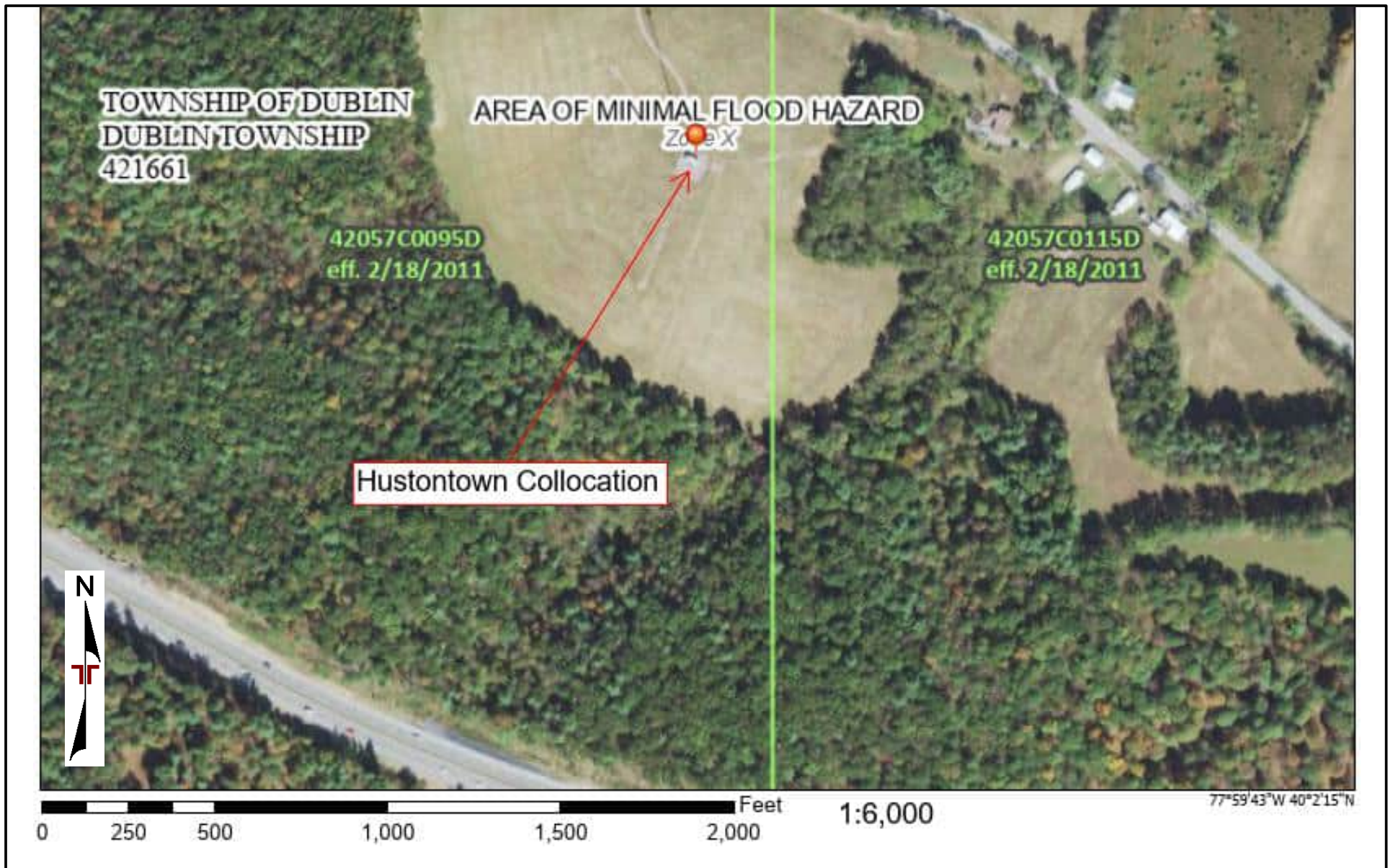


DIAGRAM IS FOR GENERAL LOCATION ONLY,
AND IS NOT INTENDED FOR CONSTRUCTION
PURPOSES

Project Manager:	Project No.
KAE	J8237072
Drawn by:	Scale:
JKW	AS SHOWN
Checked by:	File Name:
KAE	J8237072
Approved by:	Date:
KAE	May 2023



844 N Lenola Rd, Ste 1
Moorestown, NJ 08057-1052

FEMA Flood Plain Map

Hustontown Collocation
Dublin Township, Fulton County, PA
Coordinates: 40.04139, -78.00060

Exhibit

5a

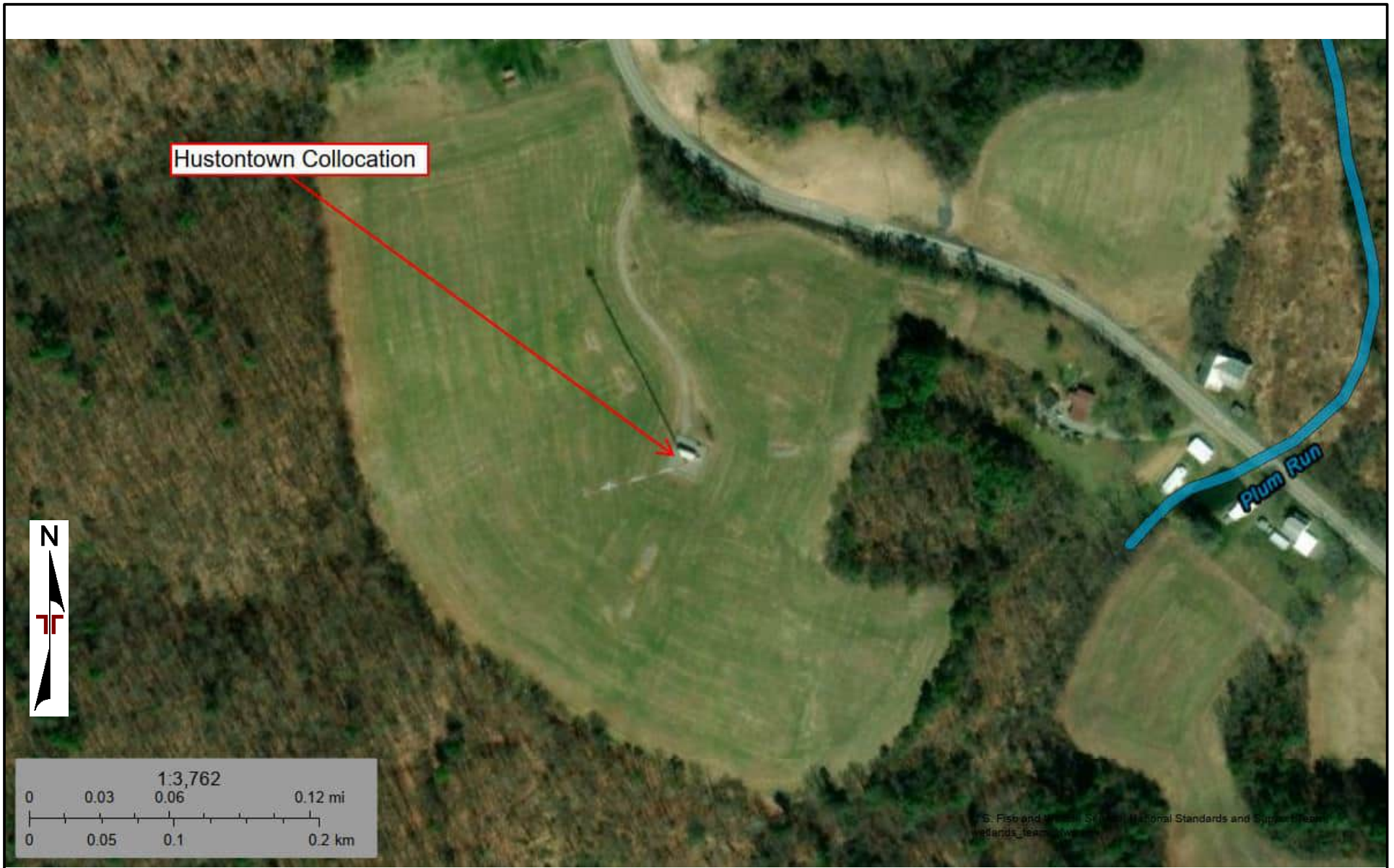


DIAGRAM IS FOR GENERAL LOCATION ONLY,
AND IS NOT INTENDED FOR CONSTRUCTION
PURPOSES

Project Manager:	KAE	Project No.	J8237072
Drawn by:	JKW	Scale:	AS SHOWN
Checked by:	KAE	File Name:	J8237072
Approved by:	KAE	Date:	May 2023



844 N Lenola Rd, Ste 1
Moorestown, NJ 08057-1052

National Wetlands Inventory Map

Hustontown Collocation
Dublin Township, Fulton County, PA
Coordinates: 40.04139, -78.00060

Exhibit

6a

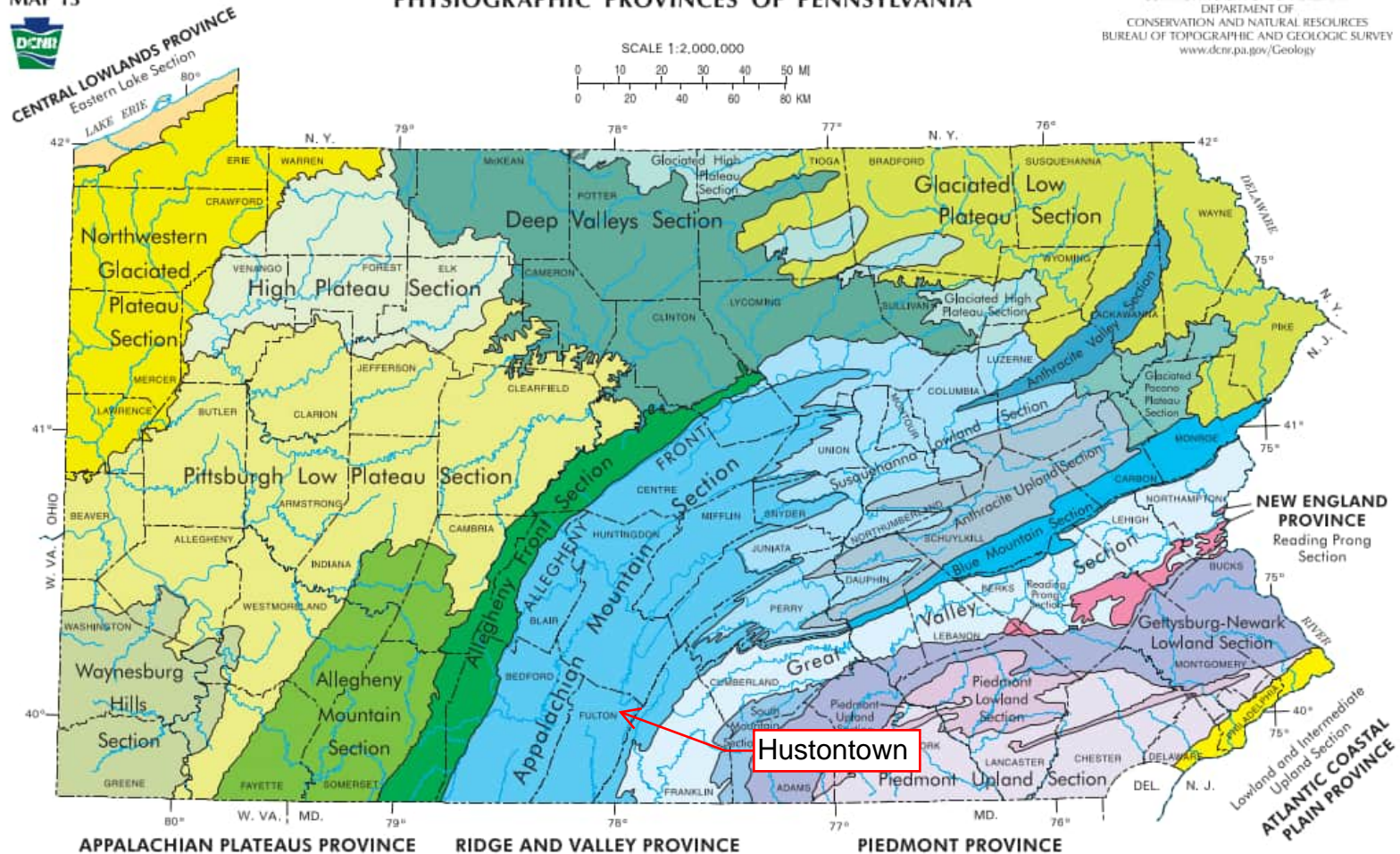
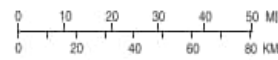
MAP 13



PHYSIOGRAPHIC PROVINCES OF PENNSYLVANIA

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF
CONSERVATION AND NATURAL RESOURCES
BUREAU OF TOPOGRAPHIC AND GEOLOGIC SURVEY
www.dcnr.pa.gov/Geology

SCALE 1:2,000,000



Hustontown



CENTRAL
LOWLANDS
PROVINCE

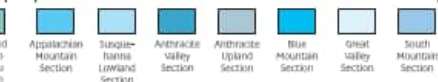


APPALACHIAN PLATEAUS PROVINCE



EXPLANATION

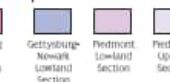
RIDGE AND VALLEY PROVINCE



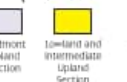
NEW
ENGLAND
PROVINCE



PIEDMONT PROVINCE



ATLANTIC
COASTAL
PLAIN
PROVINCE



SYMBOLS



DIAGRAM IS FOR GENERAL LOCATION ONLY,
AND IS NOT INTENDED FOR CONSTRUCTION
PURPOSES

Project Manager: KAE	Project No. J8237072
Drawn by: JKW	Scale: AS SHOWN
Checked by: KAE	File Name: J8237072
Approved by: KAE	Date: May 2023



844 N Lenola Rd, Ste 1
Moorestown, NJ 08057-1052

Geologic Map

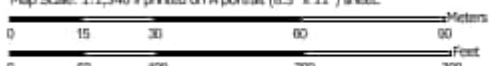
Hustontown Collocation
Dublin Township, Fulton County, PA
Coordinates: 40.04139, -78.00060

Exhibit

7a



Map Scale: 1:1,340 if printed on A portrait (8.5" x 11") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge ties: UTM Zone 17N WGS84

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BkB	Berks channery silt loam, 3 to 8 percent slopes	2.1	66.9%
BkC	Berks channery silt loam, 8 to 15 percent slopes	0.6	18.3%
WeC	Weikert channery silt loam, 8 to 15 percent slopes	0.5	14.8%
Totals for Area of Interest		3.1	100.0%

Project Manager:	KAE	Project No.	J8237072
Drawn by:	JPD	Scale:	AS SHOWN
Checked by:	KAE	File Name:	J8237072
Approved by:	KAE	Date:	August 2023



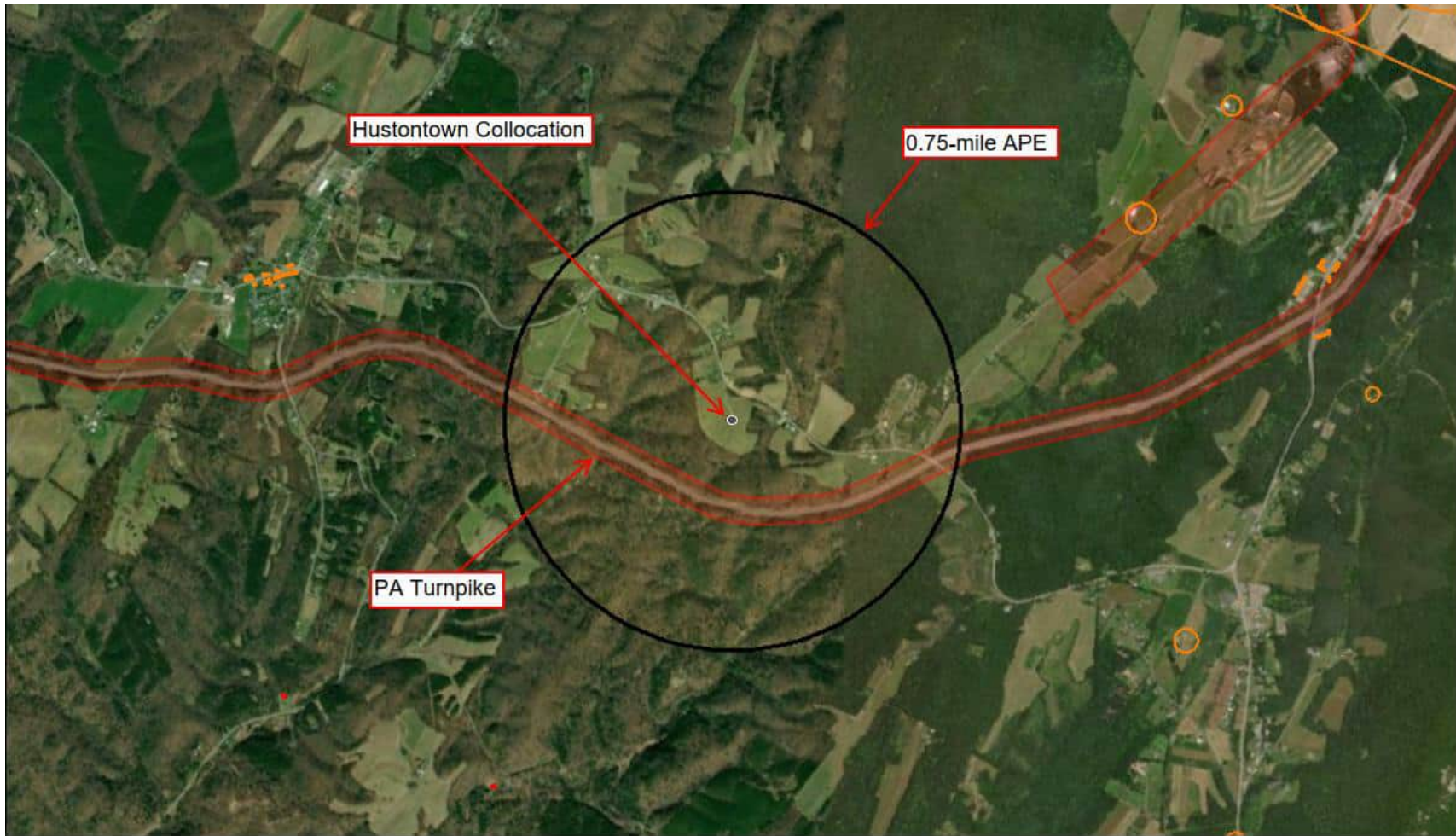
844 N Lenola Rd, Ste 1
Moorestown, NJ 08057-1052

Soils Map

Hustontown Collocation
Dublin Township, Fulton County, PA
Coordinates: 40.04139, -78.00060

Exhibit

8a



8/1/2023

Above Ground Resource

 NHL	 Eligible	 Not Eligible	 Demolished
 Listed	 Eligible	 Undetermined	
	 Not Eligible	 Undetermined	

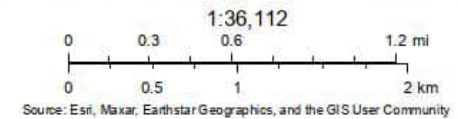


DIAGRAM IS FOR GENERAL LOCATION ONLY,
AND IS NOT INTENDED FOR CONSTRUCTION
PURPOSES

Project Manager: KAE	Project No. J8237072
Drawn by: JKW	Scale: AS SHOWN
Checked by: KAE	File Name: J8237072
Approved by: KAE	Date: May 2023



844 N Lenola Rd, Ste 1
Moorestown, NJ 08057-1052

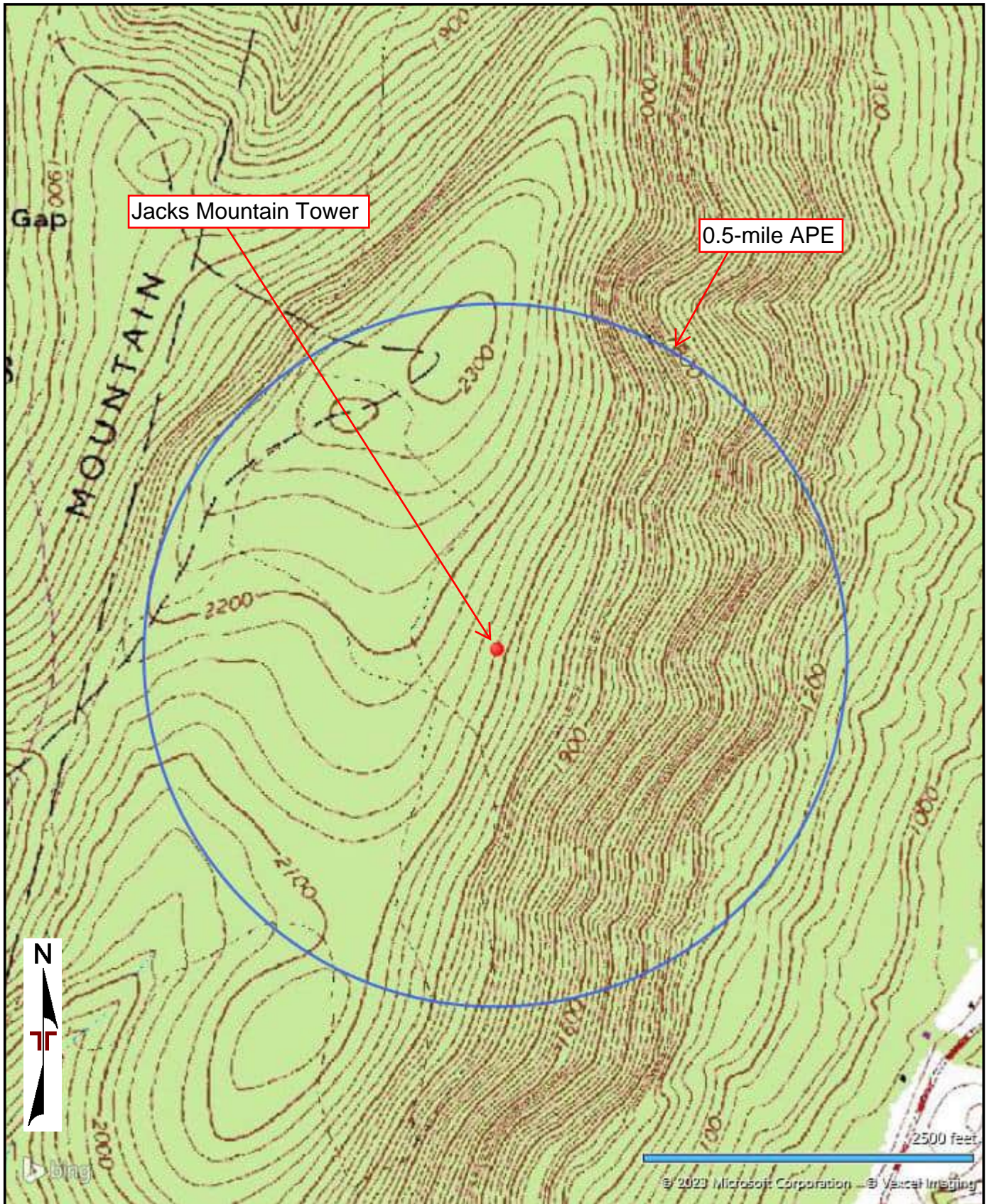
Historic Sites Map

Hustontown Collocation
Dublin Township, Fulton County, PA
Coordinates: 40.04139, -78.00060


Exhibit

9a

Jacks Mountain
New Tower *Figures*



TOPOGRAPHIC MAP IMAGE COURTESY OF THE U.S. GEOLOGICAL SURVEY
 QUADRANGLES INCLUDE: BUTLER KNOB, PA (1/1/1971) and ORBISONIA, PA (1/1/1984).

Project Manager: KAE Drawn by: JPD Checked by: KAE Approved by: KAE	Project No. J8237072 Scale: AS SHOWN File Name: J8237072 Date: August 2023	 844 N Lenola Rd, Ste 1 Moorestown, NJ 08057-1052	Topographic Map Jacks Mountain Tower Cromwell Township, Huntingdon County, PA Coordinates: 40.23530, -77.97228	Exhibit 2b
--	---	--	---	-------------------



AERIAL PHOTOGRAPHY PROVIDED BY
MICROSOFT BING MAPS

DIAGRAM IS FOR GENERAL LOCATION ONLY,
AND IS NOT INTENDED FOR CONSTRUCTION
PURPOSES

Project Manager:	Project No. J8237072
Drawn by:	Scale: AS SHOWN
Checked by:	File Name:
Approved by:	Date:

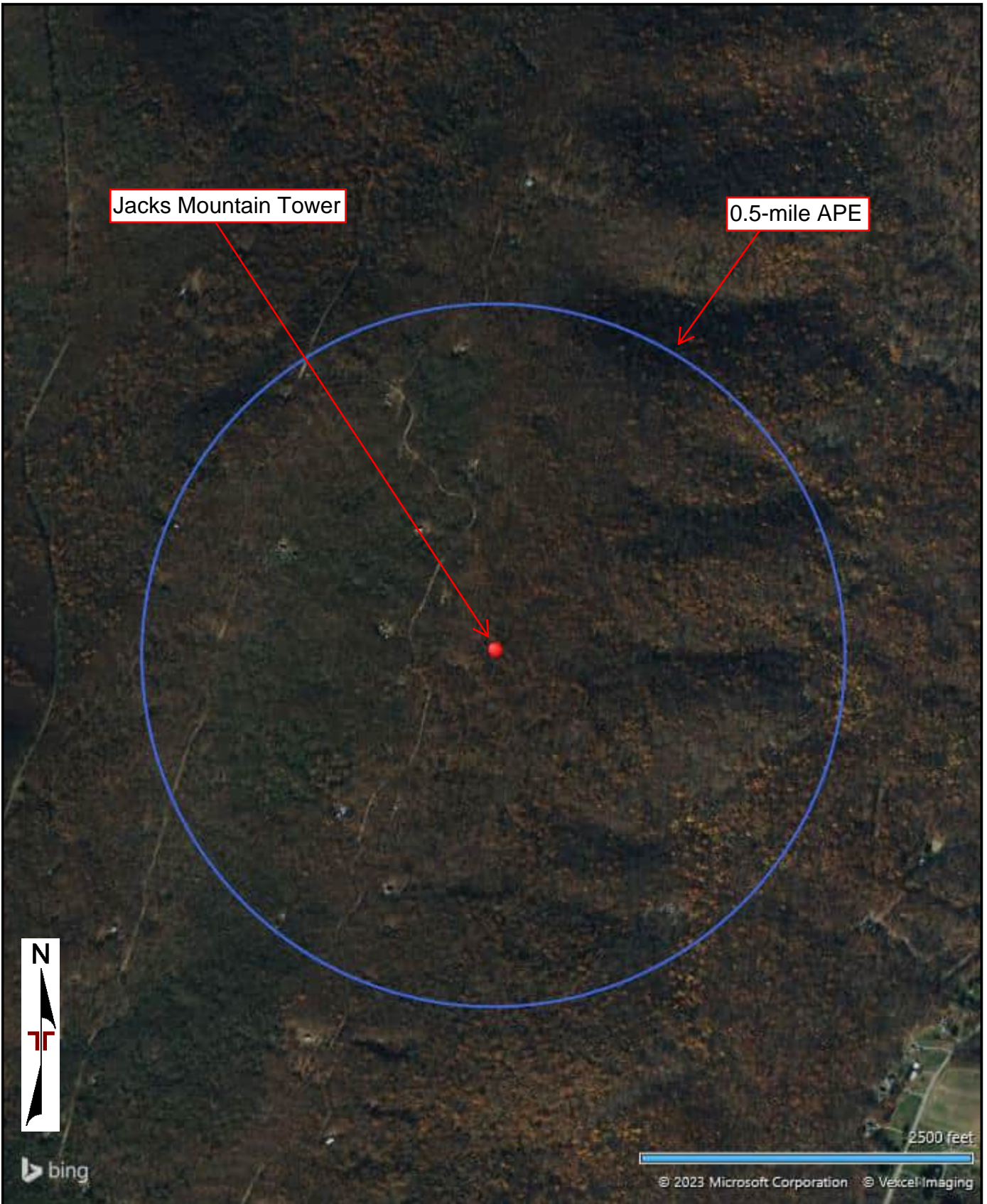
Terracon
844 N Lenola Rd, Ste 1
Moorestown, NJ 08057-1052

SITE DIAGRAM


NTIA EA Section 4
Jacks Mountain
Three Springs, PA

Exhibit

3b



AERIAL PHOTOGRAPHY PROVIDED
BY MICROSOFT BING MAPS

Project Manager: KAE	Project No. J8237072	 844 N Lenola Rd, Ste 1 Moorestown, NJ 08057-1052	Aerial Location Map	Exhibit
Drawn by: JPD	Scale: AS SHOWN		Jacks Mountain Tower Cromwell Township, Huntingdon County, PA Coordinates: 40.23530, -77.97228	4b
Checked by: KAE	File Name: J8237072			
Approved by: KAE	Date: August 2023			

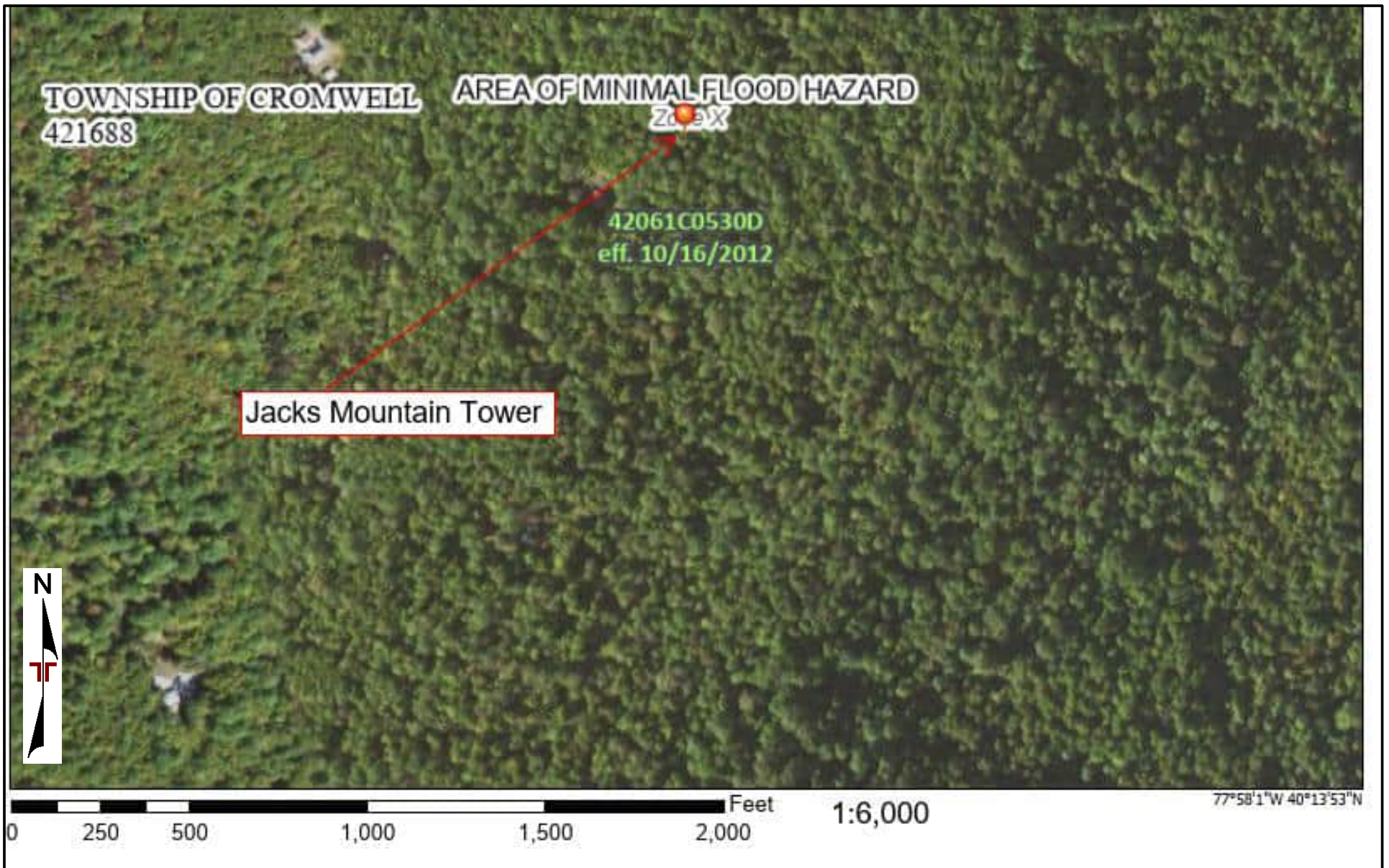


DIAGRAM IS FOR GENERAL LOCATION ONLY,
AND IS NOT INTENDED FOR CONSTRUCTION
PURPOSES

Project Manager:	KAE	Project No.	J8237072
Drawn by:	JKW	Scale:	AS SHOWN
Checked by:	KAE	File Name:	J8237072
Approved by:	KAE	Date:	May 2023



844 N Lenola Rd, Ste 1
Moorestown, NJ 08057-1052

FEMA Flood Plain Map

Jacks Mountain Tower

Cromwell Township, Huntingdon County, PA
Coordinates: 40.23530, -77.97228

Exhibit

5b

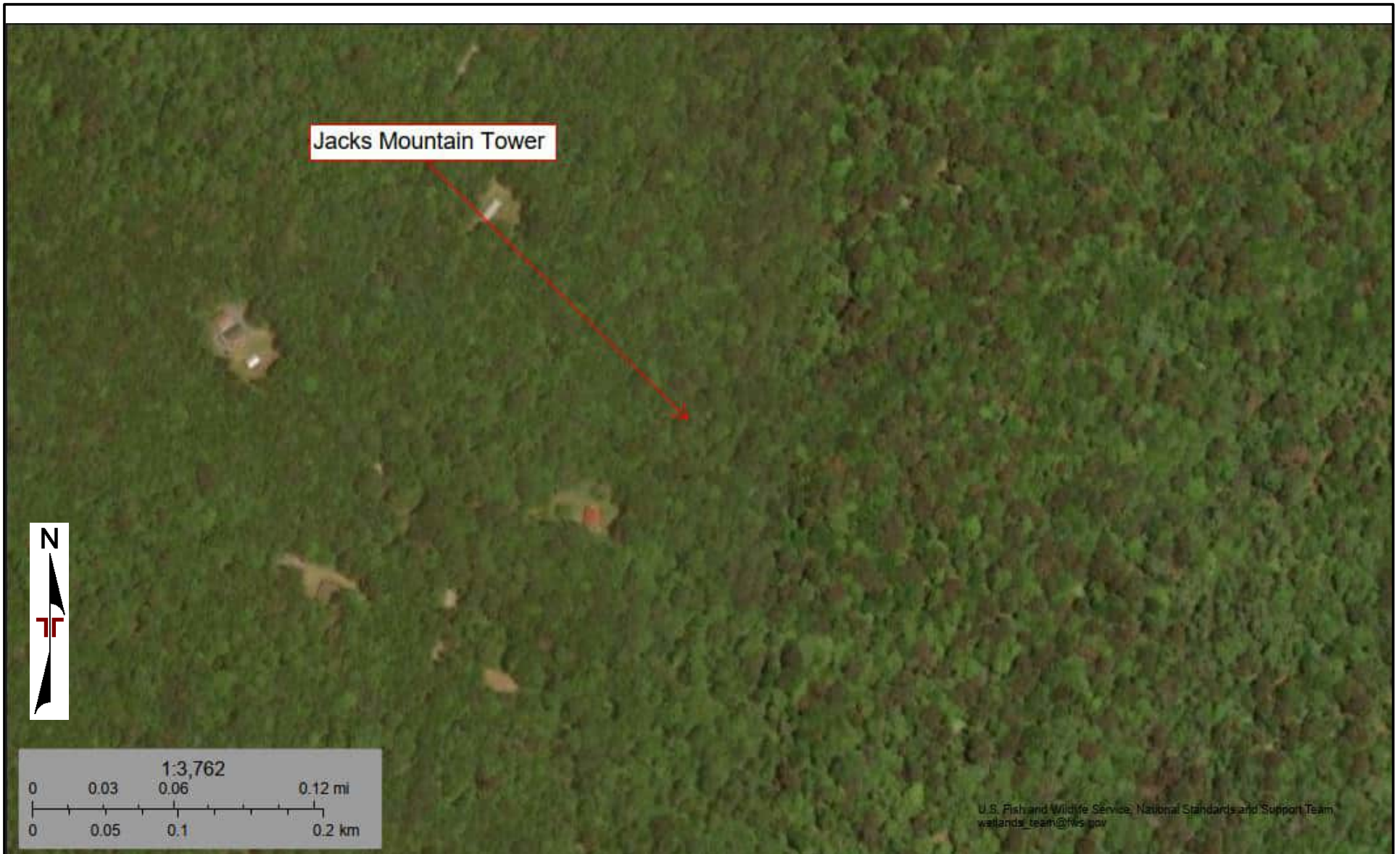


DIAGRAM IS FOR GENERAL LOCATION ONLY,
AND IS NOT INTENDED FOR CONSTRUCTION
PURPOSES

Project Manager:	KAE	Project No.	J8237072
Drawn by:	JKW	Scale:	AS SHOWN
Checked by:	KAE	File Name:	J8237072
Approved by:	KAE	Date:	May 2023



844 N Lenola Rd, Ste 1
Moorestown, NJ 08057-1052

National Wetlands Inventory Map

Jacks Mountain Tower
Cromwell Township, Huntingdon County, PA
Coordinates: 40.23530, -77.97228

Exhibit

6b

MAP 13



PHYSIOGRAPHIC PROVINCES OF PENNSYLVANIA

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF
CONSERVATION AND NATURAL RESOURCES
BUREAU OF TOPOGRAPHIC AND GEOLOGIC SURVEY
www.dcnr.pa.gov/Geology

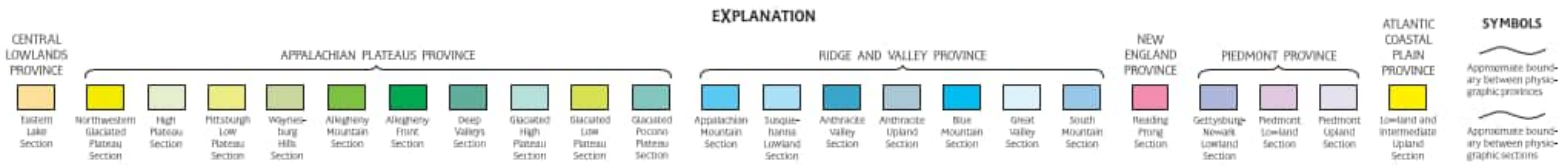
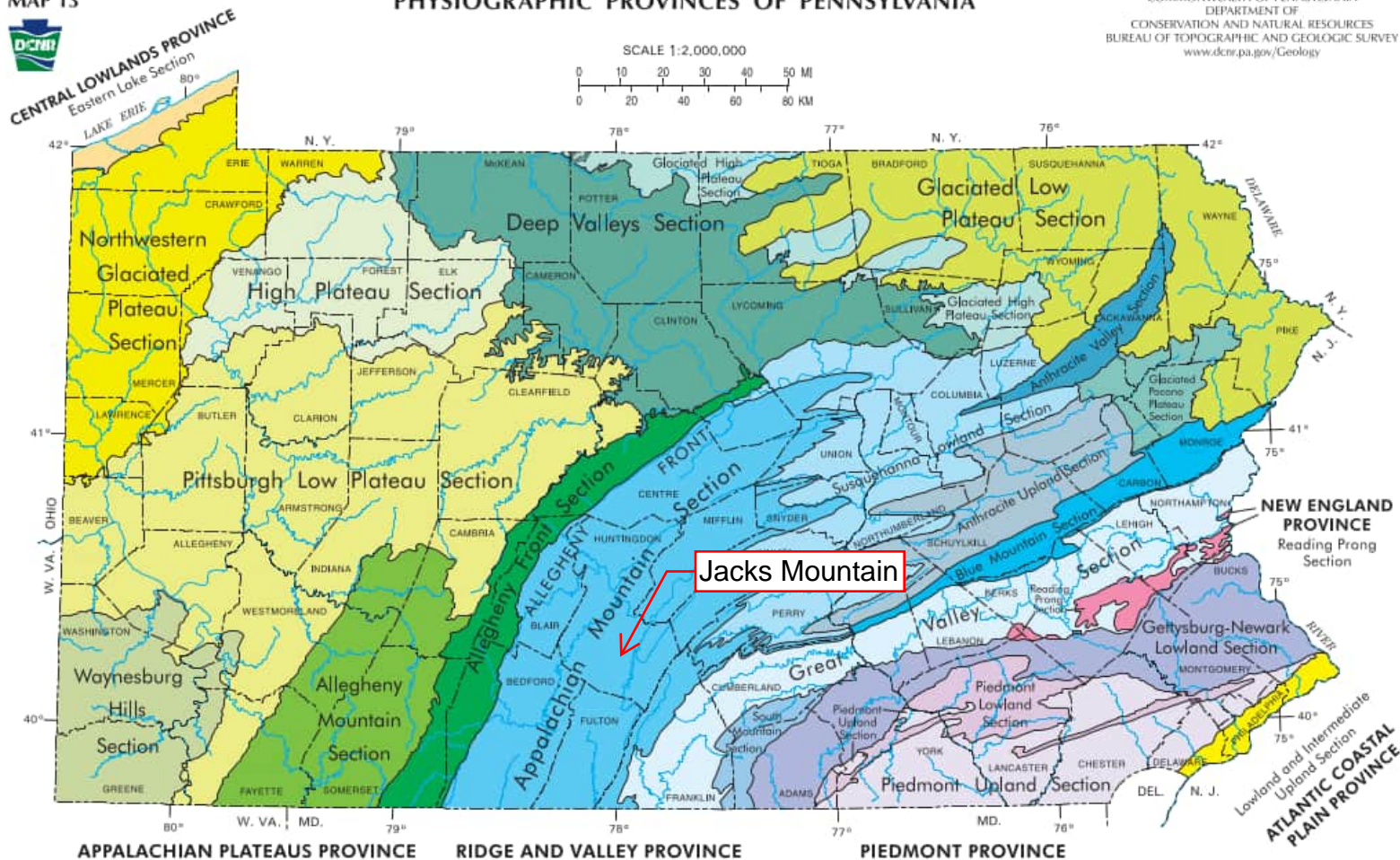

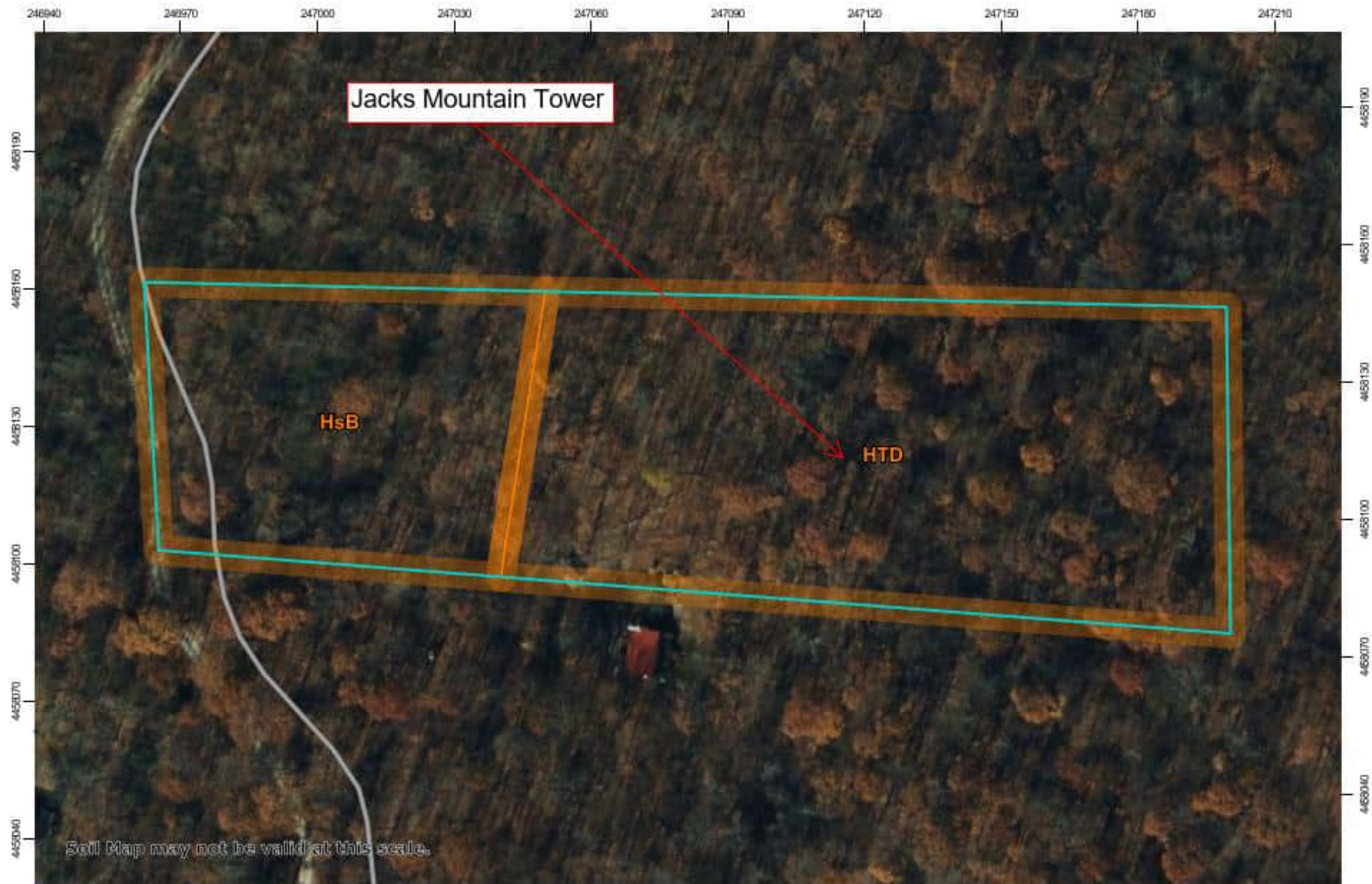


DIAGRAM IS FOR GENERAL LOCATION ONLY,
AND IS NOT INTENDED FOR CONSTRUCTION
PURPOSES

Project Manager: KAE	Project No. J8237072	 844 N Lenola Rd, Ste 1 Moorestown, NJ 08057-1052	Geologic Map		Exhibit 7b
Drawn by: JKW	Scale: AS SHOWN		Jacks Mountain Tower		
Checked by: KAE	File Name: J8237072		Cromwell Township, Huntingdon County, PA		
Approved by: KAE	Date: May 2023		Coordinates: 40.23530, -77.97228		

7b



Map Scale: 1:1,310 if printed on A landscape (11" x 8.5") sheet.

0 15 30 60 90 Meters

0 50 100 200 300 Feet

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 18N WGS84

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
HsB	Hazleton-Dekalb complex, 0 to 8 percent slopes, rubbly	1.2	32.3%
HTD	Hazleton-Dekalb complex, 8 to 25 percent slopes, rubbly	2.6	67.7%
Totals for Area of Interest		3.8	100.0%



DIAGRAM IS FOR GENERAL LOCATION ONLY,
AND IS NOT INTENDED FOR CONSTRUCTION
PURPOSES

Project Manager: KAE	Project No. J8237072
Drawn by: JKW	Scale: AS SHOWN
Checked by: KAE	File Name: J8237072
Approved by: KAE	Date: May 2023



844 N Lenola Rd, Ste 1
Moorestown, NJ 08057-1052

Soils Map

Jacks Mountain Tower
Cromwell Township, Huntingdon County, PA
Coordinates: 40.23530, -77.97228

Exhibit

8b



8/1/2023

Above Ground Resource

- NHL
- Listed

- | | | |
|--|---|---|
| Eligible | Not Eligible | Demolished |
| Eligible | Undetermined | |
| Not Eligible | Undetermined | |

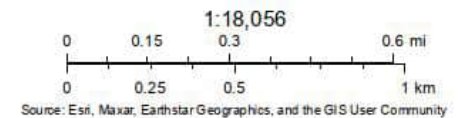


DIAGRAM IS FOR GENERAL LOCATION ONLY,
AND IS NOT INTENDED FOR CONSTRUCTION
PURPOSES

Project Manager: KAE	Project No. J8237072
Drawn by: JKW	Scale: AS SHOWN
Checked by: KAE	File Name: J8237072
Approved by: KAE	Date: May 2023



844 N Lenola Rd, Ste 1
Moorestown, NJ 08057-1052

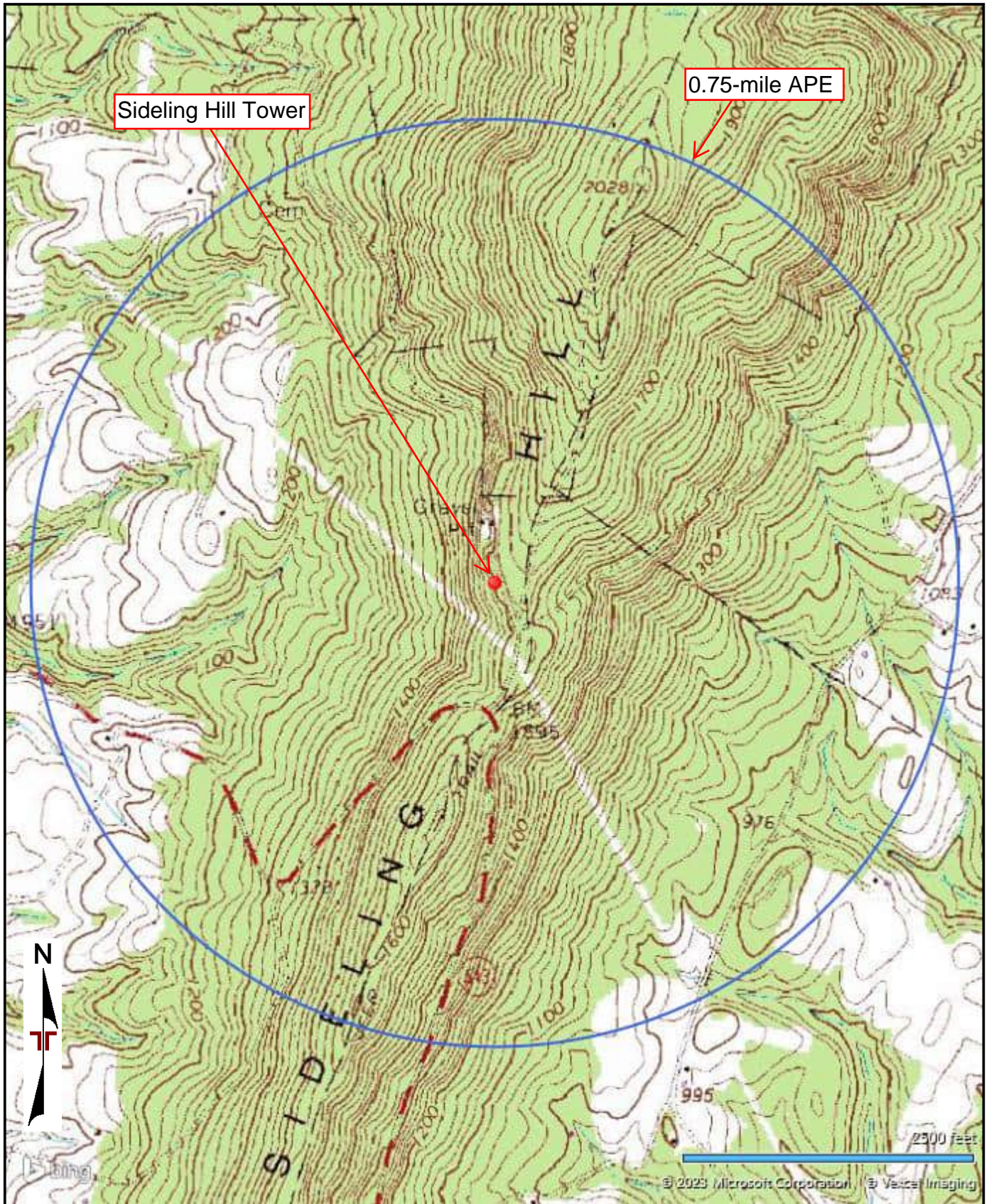
Historic Sites Map

Jacks Mountain Tower
Cromwell Township, Huntingdon County, PA
Coordinates: 40.23530, -77.97228


Exhibit

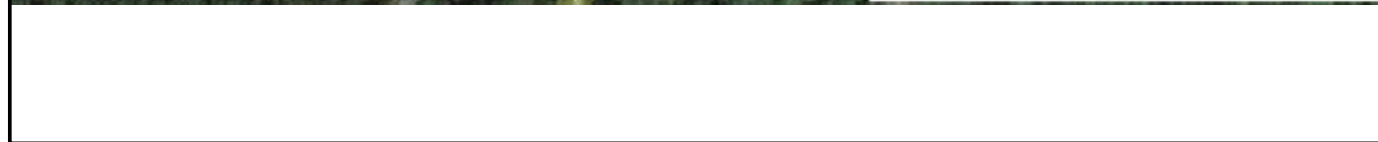
9b


Sideling Hill New Tower *Figures*

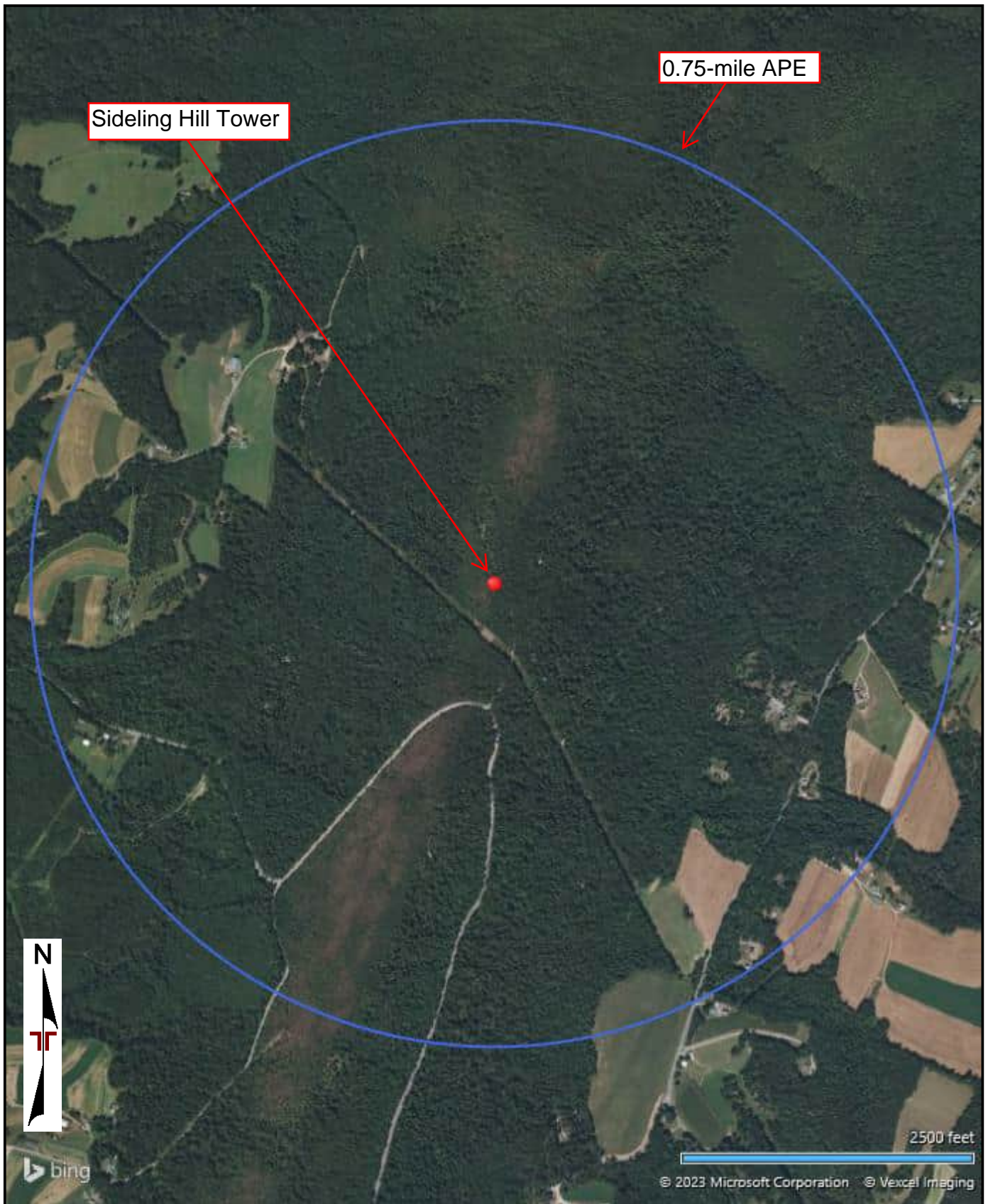


TOPOGRAPHIC MAP IMAGE COURTESY OF THE U.S. GEOLOGICAL SURVEY
 QUADRANGLES INCLUDE: BREEZEWOOD, PA (1/1/1982) and NEEDMORE, PA (1/1/1984).


Project Manager: KAE	Project No. J8237072	 844 N Lenola Rd, Ste 1 Moorestown, NJ 08057-1052	Topographic Map	Exhibit
Drawn by: JPD	Scale: AS SHOWN		Sideling Hill Tower	2c
Checked by: KAE	File Name: J8237072		Brush Creek Township, Fulton County, PA	
Approved by: KAE	Date: August 2023		Coordinates: 39.85275, -78.21792	



Project Manager: KAE	Project No. J8237072	 <p>844 N Lenola Rd, Ste 1 Moorestown, NJ 08057-1052</p>	Proposed Site Plans	Exhibit 3c
Drawn by: JPD	Scale: AS SHOWN		Sideling Hill Tower Brush Creek Township, Fulton County, PA Coordinantes: 39.85275, -78.21792	
Checked by: KAE	File Name: J8237072			
Approved by: KAE	Date: August 2023			



AERIAL PHOTOGRAPHY PROVIDED
BY MICROSOFT BING MAPS

Project Manager: KAE	Project No. J8237072	 844 N Lenola Rd, Ste 1 Moorestown, NJ 08057-1052	Aerial Location Map	Exhibit
Drawn by: JPD	Scale: AS SHOWN		Sideling Hill Tower Brush Creek Township, Fulton County, PA Coordinates: 39.85275, -78.21792	4c
Checked by: KAE	File Name: J8237072			
Approved by: KAE	Date: August 2023			



0 250 500 1,000 1,500 2,000 Feet 1:6,000 78°12'46"W 39°50'56"N

DIAGRAM IS FOR GENERAL LOCATION ONLY,
AND IS NOT INTENDED FOR CONSTRUCTION
PURPOSES


Project Manager: KAE	Project No. J8237072	 844 N Lenola Rd, Ste 1 Moorestown, NJ 08057-1052	FEMA Flood Plain Map	Exhibit
Drawn by: JKW	Scale: AS SHOWN		Sideling Hill Tower Brush Creek Township, Fulton County, PA Cooridantes: 39.85275, -78.21792	5c
Checked by: KAE	File Name: J8237072			
Approved by: KAE	Date: May 2023			



DIAGRAM IS FOR GENERAL LOCATION ONLY,
AND IS NOT INTENDED FOR CONSTRUCTION
PURPOSES

Project Manager:
KAE

Drawn by: JKW

Checked by: KAE

Approved by: KAE

Project No.
J8237072

Scale:
AS SHOWN

File Name:
J8237072

Date:
May 2023



844 N Lenola Rd, Ste 1
Moorestown, NJ 08057-1052

National Wetlands Inventory Map

Sideling Hill Tower
Brush Creek Township, Fulton County, PA
Coordinates: 39.85275, -78.21792

Exhibit

6c

MAP 13

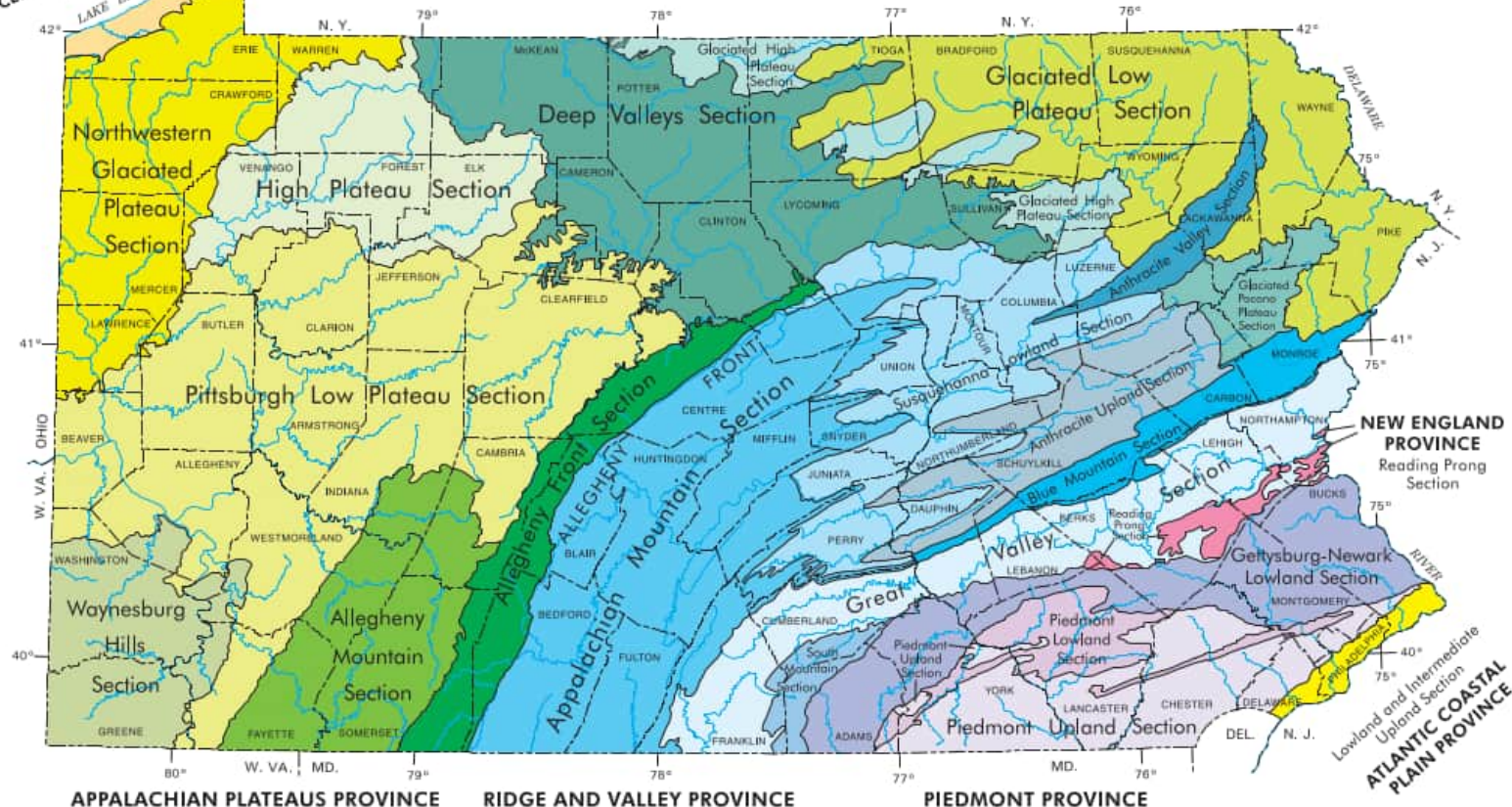


PHYSIOGRAPHIC PROVINCES OF PENNSYLVANIA

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF
CONSERVATION AND NATURAL RESOURCES
BUREAU OF TOPOGRAPHIC AND GEOLOGIC SURVEY
www.dcnr.pa.gov/Geology

SCALE 1:2,000,000
0 10 20 30 40 50 MI
0 20 40 60 80 KM

CENTRAL LOWLANDS PROVINCE
Eastern Lake Section



CENTRAL LOWLANDS PROVINCE
Eastern Lake Section

APPALACHIAN PLATEAUS PROVINCE
Northwestern Glaciated Plateau Section
High Plateau Section
Pittsburgh Low Plateau Section
Waynesburg Hills Section
Allegheny Mountain Section
Allegheny Front Section
Deep Valleys Section
Glaciated High Plateau Section
Glaciated Low Plateau Section
Glaciated Pocono Plateau Section

RIDGE AND VALLEY PROVINCE
Appalachian Mountain Section
Susquehanna Lowland Section
Anthracite Valley Section
Anthracite Upland Section
Blue Mountain Section
Great Valley Section
South Mountain Section

NEW ENGLAND PROVINCE
Reading Prong Section
Gettysburg-Newark Lowland Section
Piedmont Lowland Section
Piedmont Upland Section

ATLANTIC COASTAL PLAIN PROVINCE
Lowland and Intermediate Upland Section

SYMBOLS
Approximate boundary between physiographic provinces
Approximate boundary between physiographic sections



DIAGRAM IS FOR GENERAL LOCATION ONLY,
AND IS NOT INTENDED FOR CONSTRUCTION
PURPOSES

Project Manager: KAE	Project No. J8237072
Drawn by: JKW	Scale: AS SHOWN
Checked by: KAE	File Name: J8237072
Approved by: KAE	Date: May 2023

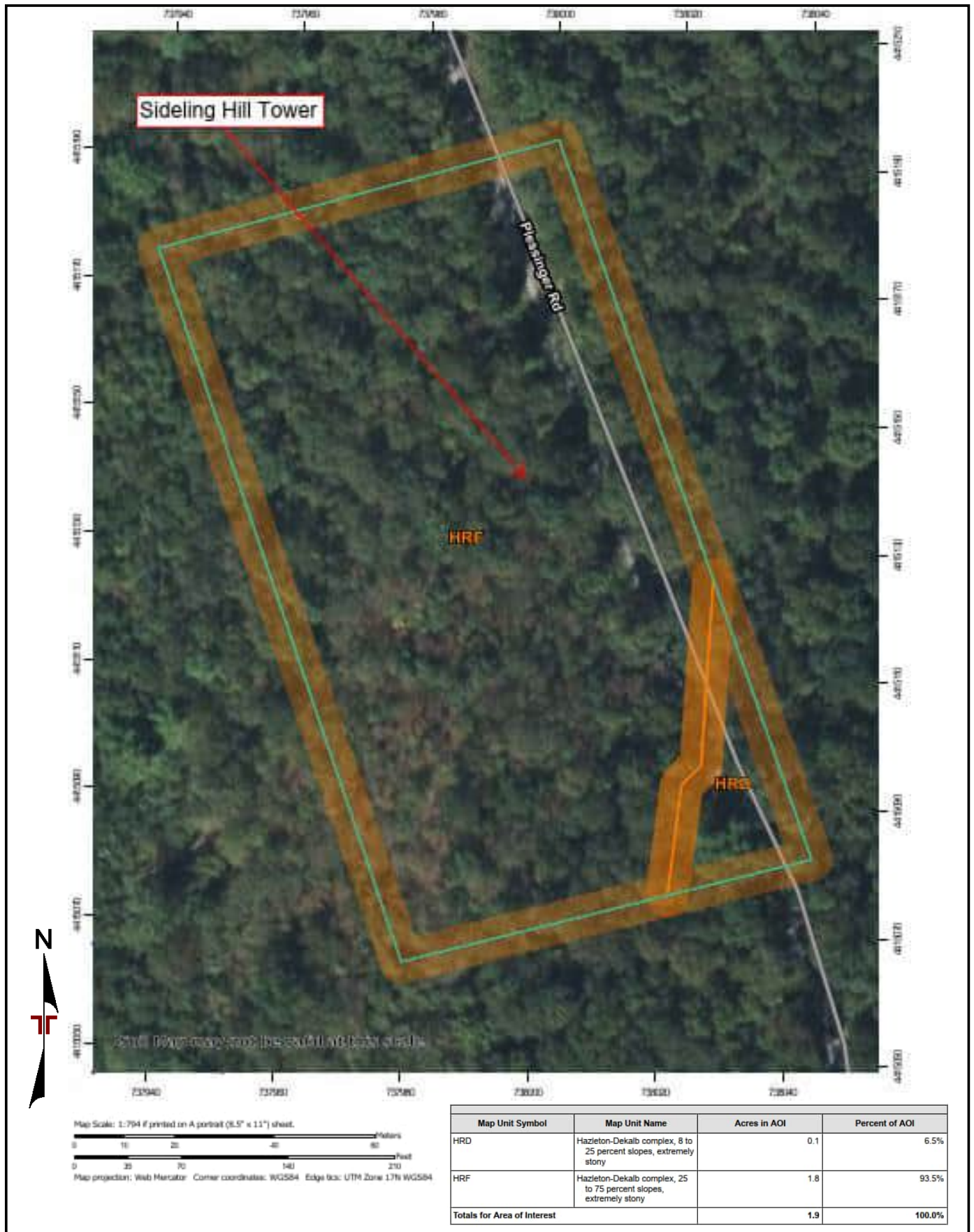



844 N Lenola Rd, Ste 1
Moorestown, NJ 08057-1052

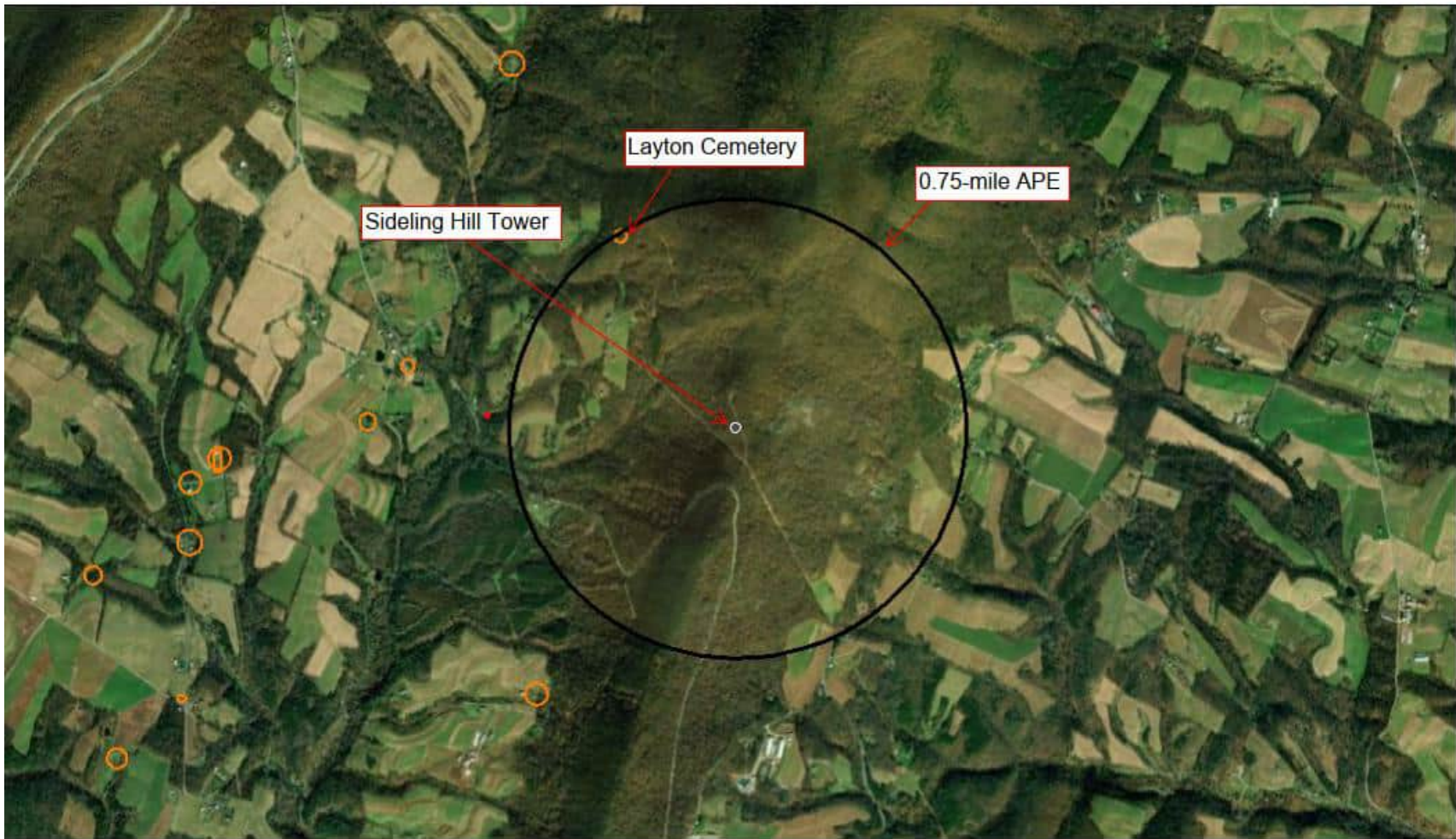
Geologic Map

Sideling Hill Tower
Brush Creek Township, Fulton County, PA
Coordinates: 39.85275, -78.21792

Exhibit
7c



Project Manager: KAE	Project No. J8237072	 844 N Lenola Rd, Ste 1 Moorestown, NJ 08057-1052	Soils Map Sideling Hill Tower Brush Creek Township, Fulton County, PA Coordinates: 39.85275, -78.21792	Exhibit 8c
Drawn by: JPD	Scale: AS SHOWN			
Checked by: KAE	File Name: J8237072			
Approved by: KAE	Date: August 2023			



8/1/2023

Above Ground Resource

 NHL
 Listed

 Eligible	 Not Eligible	 Demolished
 Eligible	 Undetermined	
 Not Eligible	 Undetermined	

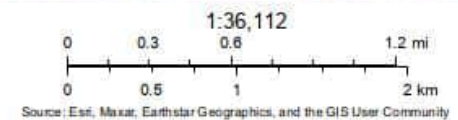


DIAGRAM IS FOR GENERAL LOCATION ONLY,
AND IS NOT INTENDED FOR CONSTRUCTION
PURPOSES

Project Manager: KAE	Project No. J8237072
Drawn by: JKW	Scale: AS SHOWN
Checked by: KAE	File Name: J8237072
Approved by: KAE	Date: May 2023



844 N Lenola Rd, Ste 1
Moorestown, NJ 08057-1052

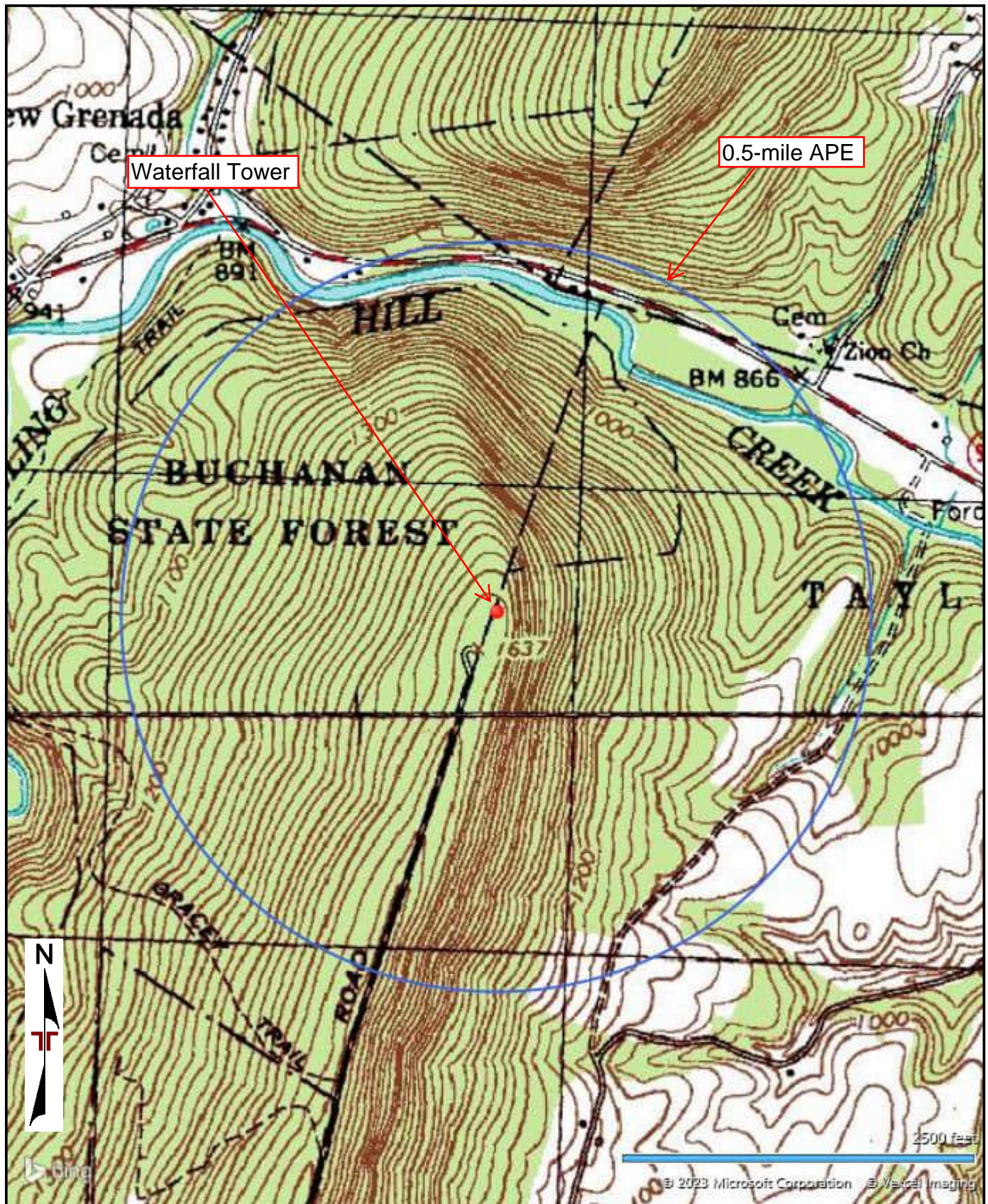
Historic Sites Map

Sideling Hill Tower
Brush Creek Township, Fulton County, PA
Coordinates: 39.85275, -78.21792


Exhibit

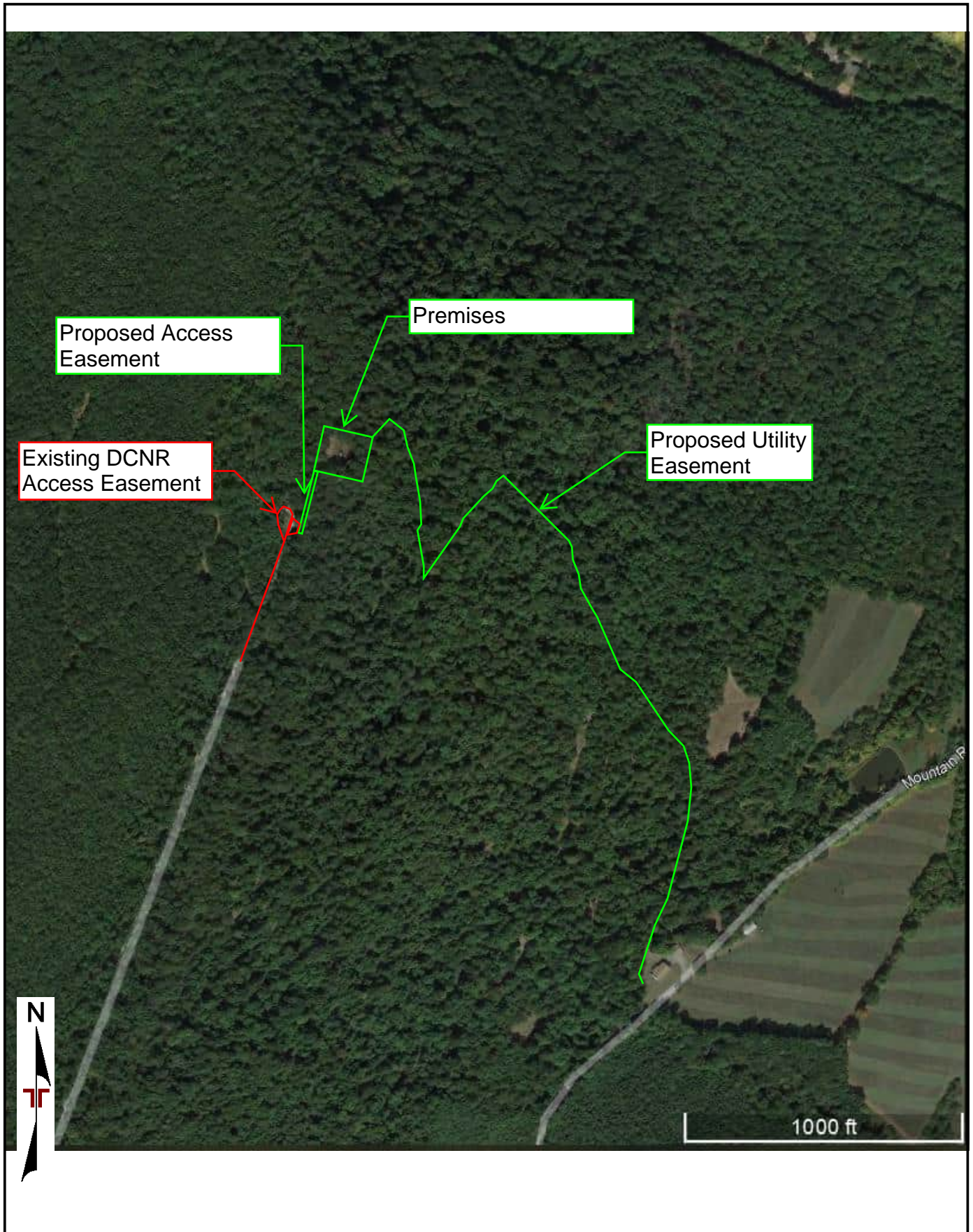
9c


Waterfall New Tower *Figures*

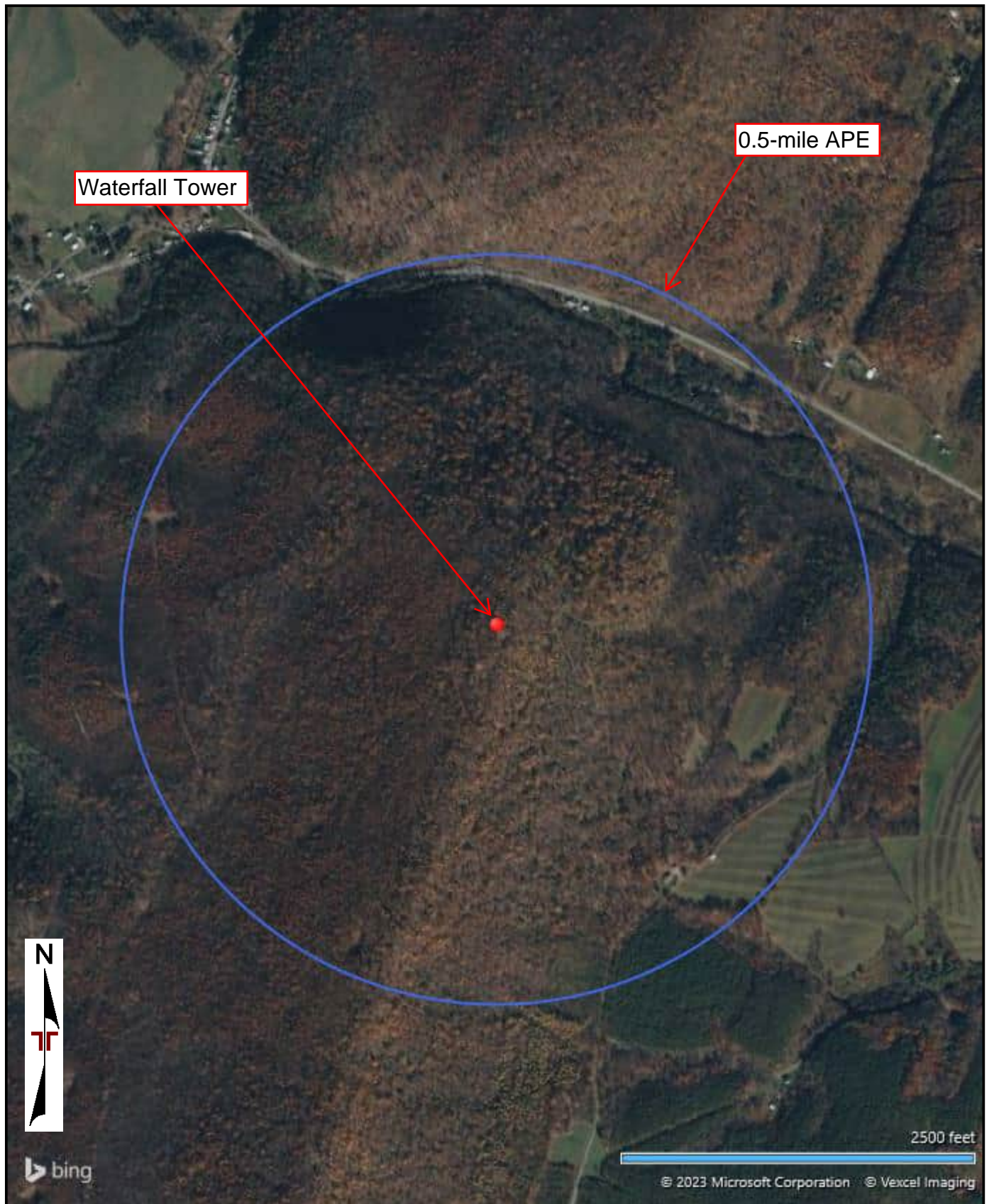


TOPOGRAPHIC MAP IMAGE COURTESY OF THE U.S. GEOLOGICAL SURVEY
QUADRANGLES INCLUDE: SALTILLO, PA (1/1/1994) and HUSTONTOWN, PA (1/1/1994).


Project Manager: KAE	Project No. J8237072	 844 N Lenola Rd, Ste 1 Moorestown, NJ 08057-1052	Topographic Map	Exhibit
Drawn by: JPD	Scale: AS SHOWN		Waterfall Tower	2d
Checked by: KAE	File Name: J8237072		Taylor Township, Fulton County, PA	
Approved by: KAE	Date: August 2023		Coordinates: 40.12695, -78.07957	



<div>Project Manager: KAE</div> <div>Drawn by: JPD</div> <div>Checked by: KAE</div> <div>Approved by: KAE</div>	<div>Project No. J8237072</div> <div>Scale: AS SHOWN</div> <div>File Name: J8237072</div> <div>Date: August 2023</div>	<div></div> <div>844 N Lenola Rd, Ste 1 Moorestown, NJ 08057-1052</div>	<div>Proposed Site Plans</div> <div>Waterfall Tower Taylor Township, Fulton County, PA Coordinates: 40.12695, -78.07957</div>	<div>Exhibit</div> <div>3d</div>
---	--	--	---	----------------------------------



AERIAL PHOTOGRAPHY PROVIDED
BY MICROSOFT BING MAPS

Project Manager: KAE	Project No. J8237072	 844 N Lenola Rd, Ste 1 Moorestown, NJ 08057-1052	Aerial Location Map Waterfall Tower Taylor Township, Fulton County, PA Coordinates: 40.12695, -78.07957	Exhibit 4d
Drawn by: JPD	Scale: AS SHOWN			
Checked by: KAE	File Name: J8237072			
Approved by: KAE	Date: August 2023			

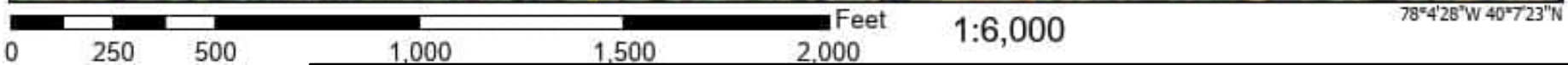


DIAGRAM IS FOR GENERAL LOCATION ONLY,
AND IS NOT INTENDED FOR CONSTRUCTION
PURPOSES

Project Manager:	KAE
Drawn by:	JKW
Checked by:	KAE
Approved by:	KAE

Project No.	J8237072
Scale:	AS SHOWN
File Name:	J8237072
Date:	May 2023



844 N Lenola Rd, Ste 1
Moorestown, NJ 08057-1052

FEMA Flood Plain Map

Waterfall Tower
Taylor Township, Fulton County, PA
Coordinates: 40.12695, -78.07957

Exhibit

5d



DIAGRAM IS FOR GENERAL LOCATION ONLY,
AND IS NOT INTENDED FOR CONSTRUCTION
PURPOSES

Project Manager:
KAE

Drawn by:
JKW

Checked by:
KAE

Approved by:
KAE

Project No.
J8237072

Scale:
AS SHOWN

File Name:
J8237072

Date:
May 2023



844 N Lenola Rd, Ste 1
Moorestown, NJ 08057-1052

National Wetlands Inventory Map

Waterfall Tower
Taylor Township, Fulton County, PA
Coordinates: 40.12695, -78.07957

Exhibit

6d

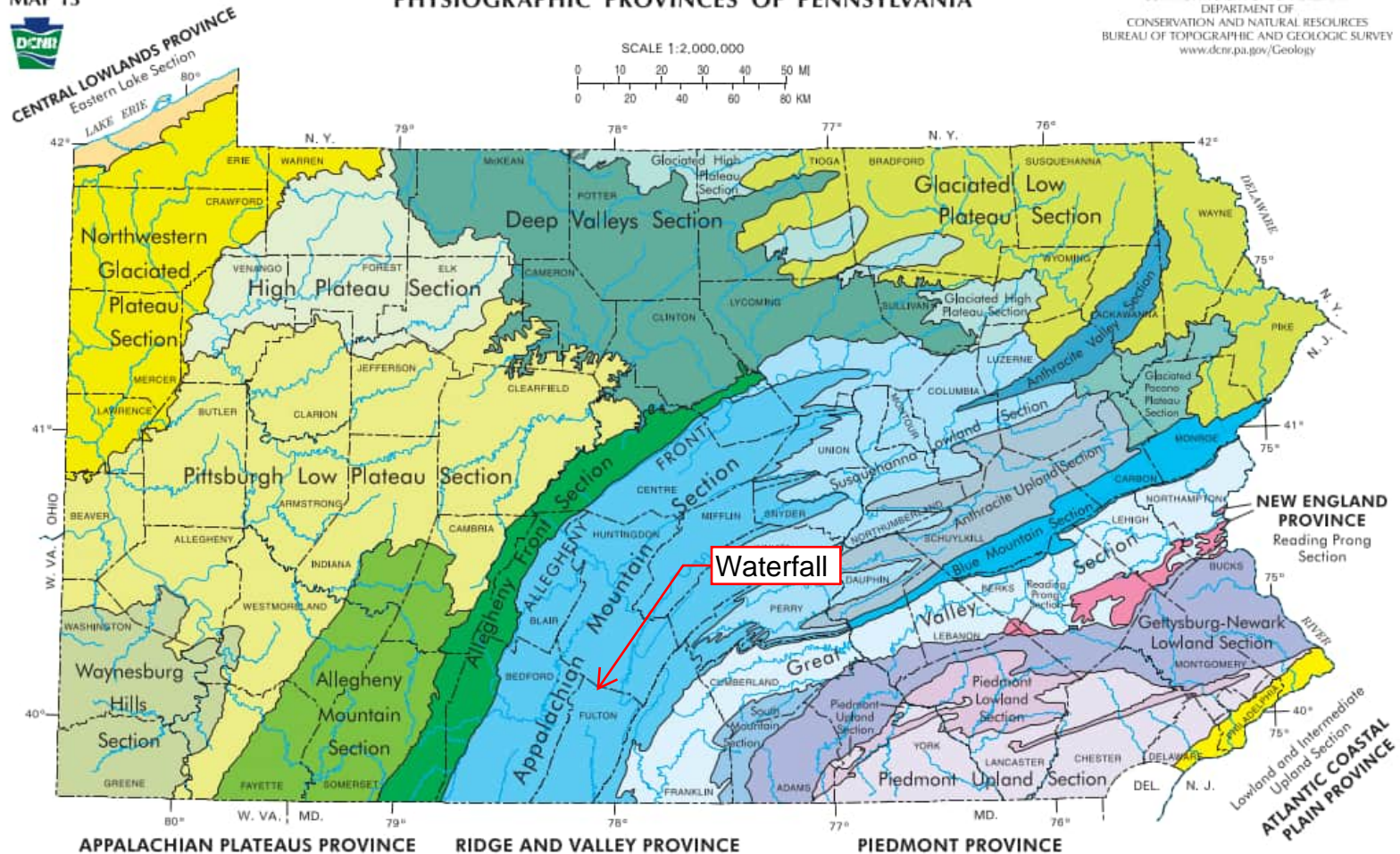
MAP 13



PHYSIOGRAPHIC PROVINCES OF PENNSYLVANIA

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF
CONSERVATION AND NATURAL RESOURCES
BUREAU OF TOPOGRAPHIC AND GEOLOGIC SURVEY
www.dcnr.pa.gov/Geology

SCALE 1:2,000,000



CENTRAL
LOWLANDS
PROVINCE



APPALACHIAN PLATEAUS PROVINCE



EXPLANATION

RIDGE AND VALLEY PROVINCE



NEW
ENGLAND
PROVINCE



PIEDMONT PROVINCE



ATLANTIC
COASTAL
PLAIN
PROVINCE



SYMBOLS



DIAGRAM IS FOR GENERAL LOCATION ONLY,
AND IS NOT INTENDED FOR CONSTRUCTION
PURPOSES

Project Manager: KAE	Project No. J8237072
Drawn by: JKW	Scale: AS SHOWN
Checked by: KAE	File Name: J8237072
Approved by: KAE	Date: May 2023



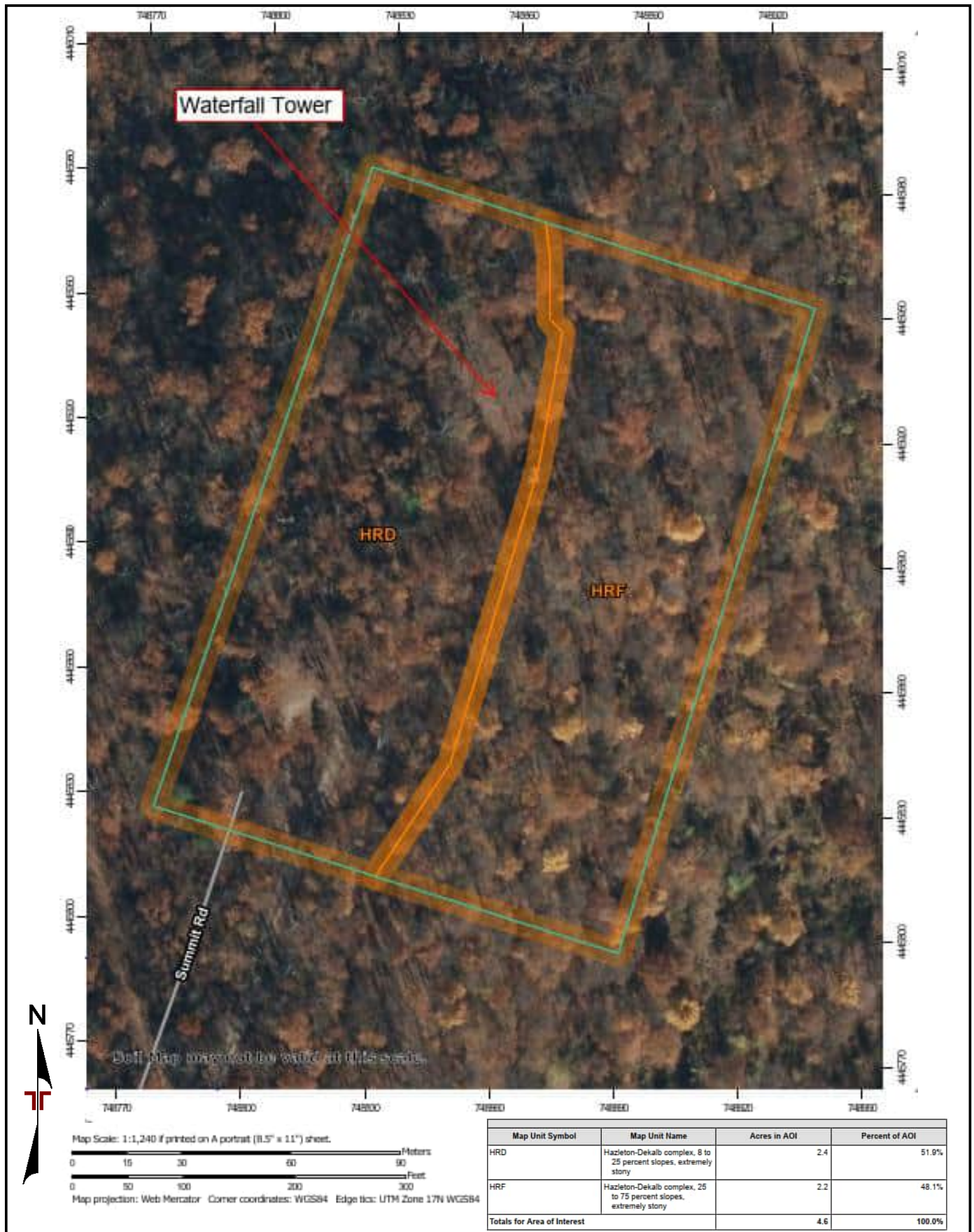
844 N Lenola Rd, Ste 1
Moorestown, NJ 08057-1052


Geologic Map

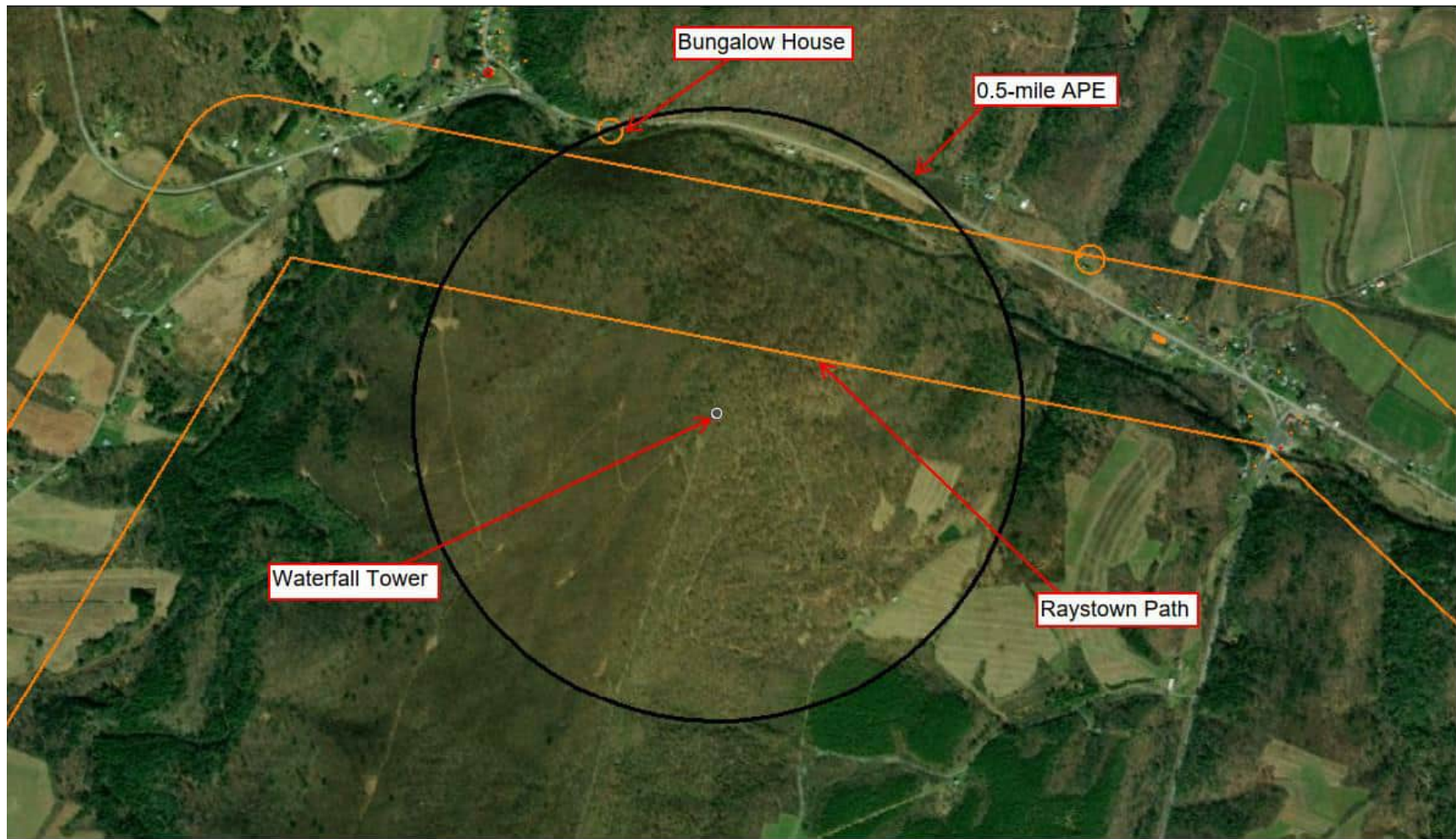
Waterfall Tower
Taylor Township, Fulton County, PA
Coordinates: 40.12695, -78.07957

Exhibit

7d



Project Manager: KAE	Project No. J8237072	 <p>844 N Lenola Rd, Ste 1 Moorestown, NJ 08057-1052</p>	<p>Soils Map</p> <p>Waterfall Tower Taylor Township, Fulton County, PA Coordinates: 40.12695, -78.07957</p>	<p>Exhibit</p> <p>8d</p>
Drawn by: JPD	Scale: AS SHOWN			
Checked by: KAE	File Name: J8237072			
Approved by: KAE	Date: August 2023			



8/1/2023

Above Ground Resource

- NHL
- Listed

- | | | |
|--|---|---|
| Eligible | Not Eligible | Demolished |
| Eligible | Undetermined | |
| Not Eligible | Undetermined | |

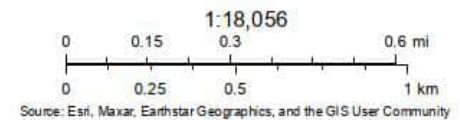


DIAGRAM IS FOR GENERAL LOCATION ONLY,
AND IS NOT INTENDED FOR CONSTRUCTION
PURPOSES

Project Manager:
KAE

Drawn by:
JKW

Checked by:
KAE

Approved by:
KAE

Project No.
J8237072

Scale:
AS SHOWN

File Name:
J8237072

Date:
May 2023



844 N Lenola Rd, Ste 1
Moorestown, NJ 08057-1052

Historic Sites Map

Waterfall Tower
Taylor Township, Fulton County, PA
Coordinates: 40.12695, -78.07957

Exhibit

9d

APPENDIX C



UNITED STATES DEPARTMENT OF COMMERCE
National Telecommunications and
Information Administration
Washington, D.C. 20230

**NOTICE OF ORGANIZATION(S) WHICH WERE SENT PROPOSED
BROADBAND PROJECT NOTIFICATION INFORMATION**

Date: 08/18/2023

UPWARD BROADBAND
KATHY EISELE
1401 CONSTITUTION AVE.
WASHINGTON, DC 20230

Dear Applicant:

The National Telecommunications and Information Administration (NTIA) is using a modified version of the Federal Communications Commission's (FCC) Tower Construction Notification System (TCNS) as a means of expediting its Broadband grant programs. This notice is to inform you that the following authorized parties were sent information about the application that you submitted to NTIA through TCNS. The information was forwarded to authorized TCNS users by electronic mail and/or regular mail (letter).

Persons who have received the notification that you provided include leaders or their designees of federally-recognized American Indian Tribes, including Alaska Native Villages (collectively "Tribal Nations"), Native Hawaiian Organizations (NHOs), and State Historic Preservation Officers (SHPOs) who have set their geographic preferences on TCNS. For your convenience in identifying the referenced Tribal Nations and NHOs and in making further contacts, the City and State of the Seat of Government for each Tribal Nation and NHO, as well as the designated contact person, is included in the listing below. We note that Tribal Nations may have Section 106 cultural interests in ancestral homelands or other locations that are far removed from their current Seat of Government. Consistent with the FCC's rules as set forth in the NPA, NTIA requires that all Tribal Nations and NHOs listed below are afforded a reasonable opportunity to respond to this notification, consistent with the procedures set forth below.

We note that the review period for all parties begins upon receipt of a full project submittal and notifications that do not provide this serve as information only. If, upon receipt, the Tribal Nation or NHO does not respond within a reasonable time, you should make a reasonable effort at follow-up contact, unless the Tribal Nation or NHO has agreed to different procedures. In the event a Tribal Nation or NHO does not respond to a follow-up inquiry, or if a substantive or procedural disagreement arises between you and a Tribal Nation or NHO, you must seek guidance from NTIA. NTIA will follow procedures consistent with those set forth in the FCC's Second Report and Order released on March 30, 2018 (FCC 18-30).

1. THPO - Jarell Grant - Omaha Tribe of Nebraska - (PO Box: 368) - Macy, NE - jarell.grant@theomahatribe.com; mark.parker@theomahatribe.com - 402-837-5391 (ext: 434) - electronic mail

Details: Please note we have updated procedures. Please email us at Omahatribefcctns@outlook.com

2. TCNS Coordinator - Tiffany Martinez - Delaware Nation - 31064 State Highway 281 (PO Box: 825) - Anadarko, OK - tmartinez@delawarenation-nsn.gov; epaden@delawarenation-nsn.gov - 405-247-2448 (ext: 1403) - electronic mail
Details: The Delaware Nation of Oklahoma Historic Preservation Office has developed the following consultation procedures for all TCNS projects identified as undertakings by the Federal Communications Commission. In the email subject line, please specify whether the project is for a tower, small cell, or collocation. Our response can be given faster

with this information.

3. Cultural Preservation Director - Carol Butler - Absentee-Shawnee Tribe of Indians of Oklahoma - 2025 S. Gordon Cooper Drive - Shawnee, OK - fccasttens@gmail.com - 405-275-4030 (ext: 6312) - electronic mail

4. TCNS Rep - Bryan Printup - Tuscarora Nation - 5226 Walmore Rd - Via: Lewiston, NY - bprintup@hetf.org - 716-264-6011 (ext: 103) - electronic mail

If the applicant/tower builder receives no response from the Tuscarora Nation within 30 days after notification through TCNS, the Tuscarora Nation has no interest in participating in pre-construction review for the proposed site. The Applicant/tower builder, however, must immediately notify the Tuscarora Nation in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

5. THPO - Lawrence Plucinski - Bad River Band of Lake Superior Tribe of Chippewa Indians - (PO Box: 39) - Odanah, WI - thpo@badriver-nsn.gov; deputyTHPO@badriver-nsn.gov - 715-682-7123 - electronic mail

If the applicant/tower builder receives no response from the Bad River Band of Lake Superior Tribe of Chippewa Indians within 30 days after notification through TCNS, the Bad River Band of Lake Superior Tribe of Chippewa Indians has no interest in participating in pre-construction review for the proposed site. The Applicant/tower builder, however, must immediately notify the Bad River Band of Lake Superior Tribe of Chippewa Indians in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

6. THPO - Marvin DeFoe - Red Cliff Band of Lake Superior Chippewa Indians of Wisconsin - 88455 Pike Road, HWY 13 - Bayfield, WI - Marvin.DeFoe@redcliff-nsn.gov; Edwina.Buffalo-Reyes@redcliff-nsn.gov - 715-779-3700 (ext: 4242) - electronic mail

Details: Boozhoo, we do not have the Red Cliff Portal site online anymore and apologize for the inconvenience.

If you have a project that has already been paid for or would like to voluntarily pay for, please email documents for project review to THPO@redcliff-nsn.gov. This address is only to be used by Consultants who are voluntarily paying for projects.

If you have any questions, please contact Marvin Defoe, THPO Manager at (715) 779-3700 Ext. 4244 or Edwina Buffalo-Reyes, THPO Assistant at (715) 779-3700Ext. 4243.

7. THPO - William Tarrant - Seneca-Cayuga Nation - 23701 S 655 Road (PO Box: 453220) - Grove, OK - wtarrant@sctribe.com - 918-787-5452 (ext: 344) - regular mail

Details: Please refrain from sending review information via email. We request all information to be sent via mail to PO Box 453220, Grove, OK 74345.

8. Cell Tower Coordinator - Kelly Nelson - Eastern Shawnee Tribe of Oklahoma - 70500 East 128 Road - Wyandotte, OK - celltower@estoo.net - 918-666-2435 (ext: 1861) - regular mail

Details: DO NOT EMAIL DOCUMENTATION; it will be deleted without being opened.

Submit one printed color copy by US postal mail or other parcel carrier of all documentation to:

Eastern Shawnee Tribe
Attn: CellTower Program
70500 E. 128 Rd.
Wyandotte, OK 74370

Provide a 1-page cover letter with the following information:

- a. TCNS Number
- b. Company Name
- c. Project Name, City, County, State
- d. Project type
- e. Project coordinates
- f. Contact information

The Eastern Shawnee Procedures document is available and highly recommended for guidance; send an email to celltower@estoo.net requesting our most current copy.

9. THPO - Sherri Clemons - Wyandotte Nation - 64700 E, Hwy 60 - Wyandotte, OK - sclemons@wyandotte-nation.org - 918-678-6344 - electronic mail

Details: Please refrain from sending information via mail. We ONLY accept information via email to: sclemons@wyandotte-nation.org. We will advise if we require additional information.

10. THPO - Tonya Tipton - Shawnee Tribe - 29 South 69A Highway - Miami, OK - tcns@shawnee-tribe.com - 918-542-2441 (ext: 103) - electronic mail

Details: In the case of projects with NO ground disturbance such as antennae on the sides of buildings or existing poles, the Shawnee Tribe concurs that no known historic properties will be negatively impacted by the project. The Shawnee Tribe DOES NOT wish to consult on those projects with NO ground disturbance.

If the project DOES involve ground disturbance at all, the Shawnee Tribe would like to ACCEPT your invitation for consultation and will provide a review.

If you have any questions, you may contact the Shawnee Tribe via email at TCNS@shawnee-tribe.com

Thank you for the opportunity to comment.

11. THPO - Jonathan Windy Boy - Chippewa Cree Tribe of the Rocky Boy's Reservation - 96 Clinic Rd North - Box Elder, MT - Taivonjoi17@gmail.com; precisionarchaeology@gmail.com - 406-395-5215 - electronic mail and regular mail

Details: The Chippewa Cree Tribe of the Rocky Boy's Reservation no longer uses IResponse. Please email all review material to taivonjoi17@gmail.com and rep32jwb@gmail.com and mail the packet to 96 Clinic Rd. North, Box Elder Montana 59521. If the qualified and professional reviewers determine that additional information is required, or that field work is required, they will contact you through email and through TCNS. If the Tribe determines that the proposed project will have an effect on historic properties and/or Tribal religious and cultural sites or properties, we will provide notice to the project proponent and to the FCC.

12. THPO - Sarah Thompson - Lac du Flambeau Band of Lake Superior Chippewa Indians - Tribal Historic Preservation Office (PO Box: 67) - Lac du Flambeau, WI - ldfthpo@ldftribe.com - 715-588-2139 - electronic mail
Details: Effective Immediately:

Please send all submissions through email until further notice. Effective 3/23/2020

Please email all submissions to ldfthpo@ldftribe.com

Thank you

13. Deputy THPO, Archaeologist - Susan Bachor - Delaware Tribe of Indians - 126 University Circle Stroud Hall, Rm. 437 - East Stroudsburg, PA - sbachor@delawaretribe.org; lheady@delawaretribe.org - 610-761-7452 - electronic mail
Details: The Delaware Tribe of Indians areas of interest include our aboriginal territories (circa 1600), known locations of historic Delaware settlements, routes of removal and forced migration, and all lands of Delaware aboriginal title ceded by treaty to the United States. If you are receiving this notification, then your project falls within these areas of interest and we ask that you provide us with a cover letter describing the project and its location (including the project coordinates) as well as a topographic map showing the project location. If an archaeological survey has already been performed in preparation for the project, please send a copy of that as well. Additionally, we may request a biological assessment of culturally significant treaty resources which may be affected by the proposed undertaking.

We are only interested in consulting on projects that involve ground disturbance that is planned to take place in both undisturbed and previously disturbed contexts. We are not interested in consulting on collocations or projects that involve no ground disturbance. If your project does involve ground disturbance or you do not receive a response from us within 30 days of submitting the above project information, then we have no comments on the project. However, if any archaeological resources or human remains are disturbed at any point in the project planning or construction, we ask that the project be halted until we can be notified of the inadvertent discovery and can determine the most appropriate course of action. If your company would like a formal written response from the Delaware Tribe concerning the potential impact of your project to culturally and religiously significant sites, please contact Susan Bachor at sbachor@delawaretribe.org to request such a response.

In order to better facilitate consultation throughout our areas of interest we have three regional tribal historic preservation offices. While our Tribal Headquarters remains in Oklahoma, our Eastern Office in Pennsylvania is the point of contact for all consultation within our Eastern Region which includes the states of Massachusetts, Connecticut, New York, New Jersey, Pennsylvania, Delaware, Maryland and Virginia. If your project exists in any of these states, please contact Susan Bachor with the above project information at the following e-mail address. All offices prefer digital submissions and the project information can be submitted by e-mail.

Susan Bachor, Acting Director of Historic Preservation
Eastern Office
126 University Circle
Stroud Hall, Rm. 437
East Stroudsburg PA 18301
(610) 761-7452
sbachor@delawaretribe.org

Our Midwestern office is the point of contact for all consultation within our Midwestern region which includes the states of West Virginia, Ohio, Indiana, Michigan and Illinois. If your project exists in any of these states, please contact Larry Heady with the above project information at the following e-mail address. Our Midwestern office prefers to receive digital submissions and the project information can be submitted by e-mail.

Larry Heady, THPO
Midwestern Office
125 Dorry Lane, Grants Pass, OR 97527
lheady@delawaretribe.org
(262) 825-7586

We, at the Delaware Tribe Historic Preservation Office, along with our Chief and Tribal Council remain committed to protecting the cultural and physical integrity of our historic sites, traditional cultural properties, sacred sites, objects of cultural patrimony, and most importantly, the remains of our Ancestors. We look forward to working with you on our shared interests in preserving and protecting Delaware heritage within our areas of interest.

The information you provided was also forwarded to the additional Tribes and NHOs listed below. These Tribes and NHOs have NOT set their geographic preferences on TCNS, and therefore they are currently receiving tower notifications for the entire United States.

The information you provided was also forwarded to the following SHPOs in the state in which you propose to construct and neighboring states. The information was provided to these SHPOs as a courtesy for their information and planning.

14. - Amanda Terrell - Ohio History Connection - 800 E. 17th Avenue - Columbus, OH - aterrell@ohiohistory.org - 614-298-2000 - electronic mail

15. Historic Preservation Supervisor - Barbara Frederick - Pennsylvania State Historic Preservation Office - Pennsylvania Historical & Museum Commission 400 North St, 2nd Floor - Harrisburg, PA - bafrederic@pa.gov - 717-772-4519 - electronic mail

16. Deputy SHPO - Susan Pierce - West Virginia Division of Culture & History, Historic Preservation Office - 1901 Kanawha Boulevard East - Charleston, WV - susan.pierce@wvculture.org - - electronic mail

17. SHPO - Barbara Franco - Pennsylvania Historical and Museum Commission - 300 North Street - Harrisburg, PA - bcutler@state.pa.us - 717-787-2891 - electronic mail

TCNS automatically forwards all notifications to all Tribal Nations and SHPOs that have an expressed interest in the geographic area of a proposal. A particular Tribal Nation or SHPO may also set forth policies or procedures within its details box that exclude from review certain facilities (for example, a statement that it does not review collocations with no ground disturbance or that indicates that no response within 30 days indicates no interest in participating in pre-construction review).

Please be advised that the NTIA cannot guarantee that the contact(s) listed above opened and reviewed an electronic or regular mail notification. The following information relating to the proposed project was forwarded to the person(s) listed above.

Notification Received: 08/10/2023

Notification ID: 270470

Project Number: 53

Applicant: Upward Broadband

Applicant Contact: Kathy Eisele

Project Type(s): Multiple Project Components

Region(s) affected (State, County): PENNSYLVANIA, FULTON PENNSYLVANIA, HUNTINGDON

Address or Geographical Location Description: Project Name: NTIA / Upward Broadband Section 4
New Tower Construction (3 sites) and Existing Tower Collocation (1 site) in Fulton and Huntingdon Counties, Pennsylvania
See attached project description and maps for details.

If you have any questions or comments regarding the content of this notice, please contact NTIA at: TCNS@ntia.gov.

APPENDIX D

Hustontown Collocation
Section 7 Documentation



844 N. Lenola Road, Suite 1
Moorestown, NJ 08057

P (856) 813-3281

F (856) 813-3279

Terracon.com

August 28, 2023

Ambassador Towers LLC
3105 Lincoln Highway East
Paradise, PA 17562

Re: Natural Resources Site Evaluation for a Telecommunications Site

To Whom It May Concern:

Terracon has completed a review of potential impacts to listed and proposed threatened/endangered species and critical habitats resulting from the proposed construction of a telecommunications site. The lead federal agency for this project is the National Telecommunications and Information Administration (NTIA). In addition to NTIA National Environmental Policy Act (NEPA) considerations, Federal Communications Commission's (FCC) regulations, as identified in 47CFR § 1.1307 (a) 3, are also included, which require that the effects of the proposed tower construction to protected species and critical habitats are considered. Findings in this report are based upon the site's current utilization, the most recent reconnaissance information and from other activities described herein; such information is subject to change. Basic site information is presented in the table below.

Site Name:	Hustontown
Terracon Project Number:	J8237072
Address:	9290 Waterfall Road
City, County, State:	Dublin Twp (Hustontown), Fulton County, Pennsylvania 17229
Latitude / Longitude:	40° 2' 29" N / 78° 0' 2.16" W
Tower Height:	405 feet, including attachments
Tower Type:	Existing Guy tower
Description of the site	An existing telecommunications installation which contains a guyed tower, support equipment, and buried and overhead connection to utilities.
Proposed Access Road:	A gravel drive extends generally north of the site towards Waterfall Road.
Description of the surrounding properties	Primarily farmland with scattered residences.
Description of wetlands or water bodies near the site	Based on a review of the National Wetlands Inventory (NWI) map and topographic maps, there are no mapped wetlands or surface waters within 500 feet of the proposed tower compound or easement.
Elevation and topography	1,093 feet above mean sea level. The topography in the immediate site area slopes steeply to the west-southwest.

The site consists of an existing telecommunications installation containing an existing guyed tower, support equipment, and buried and overhead connection to utilities. The surrounding properties consist of farmland and scattered residences.

Natural Resources Site Evaluation

Hustontown ■ Dublin Twp (Hustontown), PA
August 28, 2023 ■ Terracon Project No. J8237072



According to the Natural Resource Conservation Service (NRCS) Web Soil Survey for Fulton County, Pennsylvania, the dominant soil type at the site is Berks channery silt loam, 3 to 8 percent slopes (BkB). This soil type has no frequency of ponding, is well drained, and is not considered hydric soil by the NRCS.

Terracon conducted a preliminary review using the U.S. Fish and Wildlife Service (USFWS) Information, Planning and Conservation System (IPaC) Endangered Species Act species list to identify listed and proposed threatened and endangered species, as well as critical habitats that may be located on or near the project site.

According to the IPaC report, the following species have the potential to be present in the vicinity of the project area:

Taxon	Name	Species Habitat	Status
Mammal	Indiana Bat (<i>Myotis sodalist</i>)	Found in caves and in wooded land. During the winter, this species utilizes caves or abandoned mines. During summer, this species utilizes wooded areas where trees contain exfoliating bark of live trees or decaying bark of snag trees. (USFWS)	Endangered
	Northern Long-eared Bat (<i>Myotis septentrionalis</i>)	Found in caves and in wooded land. During the winter, this species utilizes caves or abandoned mines, called hibernacula. During summer, this species utilizes wooded areas where trees contain exfoliating bark of live trees or decaying bark of snag trees (USFWS).	Endangered
	Tricolored Bat (<i>Perimyotis subflavus</i>)	Found in forested landscapes, where they forage near trees (including forest perimeters) and along waterways. Maternity colonies also may utilize human-made structures (buildings, bridges, etc.) or tree cavities.	Proposed Endangered
Insect	Monarch Butterfly (<i>Danaus plexippus</i>)	Found in open prairies, meadows, and grasslands. Sometimes along roadsides and disturbed areas but almost always in the vicinity of milkweed populations. Breeding areas are virtually all patches of milkweed in North America and some other regions (NatureServe).	Candidate
Flowering Plant	Northeastern Bulrush (<i>Scirpus ancistrochaetus</i>)	Grows in wet areas – small wetlands, sinkhole ponds or wet depressions with seasonally fluctuating water levels (USFWS).	Endangered

There are no critical habitats documented at the site. There are no mapped critical habitats, wildlife refuges, or fish hatcheries mapped at the proposed tower location. The IPaC species list is attached at the end of this document.

Terracon also utilized the Pennsylvania Natural Diversity Inventory (PNDI) online database environmental review tool to further refine the environmental review process for both federally and Pennsylvania-state protected species. The PNDI system is managed by the Pennsylvania Department of Conservation and Natural Resources (DCNR) in order to build, maintain, and provide accurate and accessible ecological information needed for conservation, development planning, natural resources

management, and for the protection of threatened and endangered species, special concern species, and rare and significant ecological features. The PNDI environmental review tool analyzes proposed project footprints against known species locations and recommends conservation measures and other actions that may be needed to maintain compliance with the Federal Endangered Species Act, as well as, allied Pennsylvania state species protection laws.

Within Pennsylvania, the PNDI environmental review tool takes primacy in the project environmental review process over IPaC. The environmental review tool is utilized to coordinate concurrent project reviews with the DCNR, the Pennsylvania Fish and Boat Commission (PFBC), the Pennsylvania Game Commission (PGC), and the USFWS.

The PNDI environmental review tool project response indicates the DCNR, PFBC, PGC, and USFWS concluded: *No Impact is anticipated to threatened and endangered species and/or special concern species and resources.* Therefore, no further coordination is required with these state and federal jurisdictional agencies.

Based on a review of the habitat for the above-listed species, compared to an analysis of the habitat present on the site location, it is not anticipated that the construction of the proposed telecommunications tower will affect listed or proposed protected species or critical habitats.

The Migratory Bird Treaty Act of 1918 (MBTA) decrees that migratory birds and their parts (including eggs, nests, and feathers) are federally protected. The MBTA is the domestic law that affirms, or implements, the United States' commitment to four international conventions (with Canada, Japan, Mexico, and Russia) for the protection of a shared migratory bird resource. Each of the conventions protect selected species of birds that are common to these countries (i.e., they occur in these countries at some point during their annual life cycle). The following migratory birds of concern were identified within the vicinity of the site on the IPaC:

Species Name	Bird of Conservation Concern (BCC)	Seasonal Occurrence in Project Area
Black-capped Chickadee (<i>Parus atricapillus</i>)	Yes	April through July

If construction is to occur during breeding season, a preconstruction nesting survey is recommended as a mitigation measure.

USFWS recommendations published in Revised Guidelines for Communication Tower Design, Siting, Construction, Operation, Retrofitting, and Decommissioning (2021) state the preferred tower height to decrease potential effects on migratory birds is less than 200 feet tall. Siting and design process for this project could not conform to all the USFWS recommendations; however, mitigating factors proposed for implementation at the site include the following: location in minimally sensitive areas.

Based on Terracon's analysis and reconnaissance, the proposed site activities are not anticipated to effect listed or proposed protected species or critical habitats. No further coordination is required with jurisdictional agencies.

Natural Resources Site Evaluation

Hustontown ■ Dublin Twp (Hustontown), PA
August 28, 2023 ■ Terracon Project No. J8237072



Please feel free to contact our office at 856-813-3267 if you need additional information.

Sincerely,

Terracon Consultants, Inc.

A handwritten signature in black ink, appearing to read 'Trevor Underwood'.

Trevor Underwood
Field Scientist

A handwritten signature in black ink, appearing to read 'Paul DeAngelo'.

Paul DeAngelo
Senior Principal / Department Manager
Environmental

Attachments: Tower Site Evaluation Form
Topographic Site Location Map
National Wetlands Inventory Map
Site Plans
IPaC Report
PNDI Receipt

9. Dominant vegetative species in each habitat type: _____

10. Average diameter breast height of dominant tree species in forested areas: _____

11. Will construction cause fragmentation of a larger habitat into two or more smaller blocks? _____ If yes, describe: _____

12. Evidence of bird roosts or rookeries present? _____ If yes, describe: _____

13. Distance to nearest wetland area (swamp, marsh, riparian, marine, etc.), and coastline: _____

14. Distance to nearest telecommunications tower: _____

15. Potential to collocate antennas on existing towers or structures: _____

16. Have measures been incorporated to minimize impacts on migratory birds? _____
If yes, describe: _____

17. Has an evaluation been made to determine if the proposed facility may affect listed or proposed endangered or threatened species or their habitats as required by FCC regulation at 47 CFR 1.1307(a)(3)? Yes If yes, present findings: _____
No endangered or threatened species or critical habitats will be affected by the proposed project.

18. Additional information required: None _____

Please refer to Appendix B for Site Figures

Please refer to Appendix F for Site Photographs



United States Department of the Interior

FISH AND WILDLIFE SERVICE
Pennsylvania Ecological Services Field Office
110 Radnor Road Suite 101
State College, PA 16801-7987
Phone: (814) 234-4090 Fax: (814) 234-0748



In Reply Refer To:
Project Code: 2023-0112724
Project Name: Ambassador Towers Site Name: Hustontown

August 03, 2023

Subject: List of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2) (c)). For projects other than major construction activities, the Service suggests that a biological

evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

<http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF>

Migratory Birds: In addition to responsibilities to protect threatened and endangered species under the Endangered Species Act (ESA), there are additional responsibilities under the Migratory Bird Treaty Act (MBTA) and the Bald and Golden Eagle Protection Act (BGEPA) to protect native birds from project-related impacts. Any activity, intentional or unintentional, resulting in take of migratory birds, including eagles, is prohibited unless otherwise permitted by the U.S. Fish and Wildlife Service (50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)). For more information regarding these Acts see <https://www.fws.gov/birds/policies-and-regulations.php>.

The MBTA has no provision for allowing take of migratory birds that may be unintentionally killed or injured by otherwise lawful activities. It is the responsibility of the project proponent to comply with these Acts by identifying potential impacts to migratory birds and eagles within applicable NEPA documents (when there is a federal nexus) or a Bird/Eagle Conservation Plan (when there is no federal nexus). Proponents should implement conservation measures to avoid or minimize the production of project-related stressors or minimize the exposure of birds and their resources to the project-related stressors. For more information on avian stressors and recommended conservation measures see <https://www.fws.gov/birds/bird-enthusiasts/threats-to-birds.php>.

In addition to MBTA and BGEPA, Executive Order 13186: *Responsibilities of Federal Agencies to Protect Migratory Birds*, obligates all Federal agencies that engage in or authorize activities that might affect migratory birds, to minimize those effects and encourage conservation measures that will improve bird populations. Executive Order 13186 provides for the protection of both migratory birds and migratory bird habitat. For information regarding the implementation of Executive Order 13186, please visit <https://www.fws.gov/birds/policies-and-regulations/executive-orders/e0-13186.php>.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Code in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List
 - USFWS National Wildlife Refuges and Fish Hatcheries
 - Migratory Birds
 - Wetlands
-

OFFICIAL SPECIES LIST

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Pennsylvania Ecological Services Field Office

110 Radnor Road Suite 101

State College, PA 16801-7987

(814) 234-4090

PROJECT SUMMARY

Project Code: 2023-0112724

Project Name: Ambassador Towers Site Name: Hustontown

Project Type: Maintenance/Modification of Communication Tower

Project Description: Proposed Collocation on existing 405-ft guyed tower

Project Location:

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@40.0419407,-78.0007922421374,14z>



Counties: Fulton County, Pennsylvania

ENDANGERED SPECIES ACT SPECIES

There is a total of 5 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species. Note that 1 of these species should be considered only under certain conditions.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

-
1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

MAMMALS

NAME	STATUS
Indiana Bat <i>Myotis sodalis</i> There is final critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/5949	Endangered
Northern Long-eared Bat <i>Myotis septentrionalis</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9045	Endangered
Tricolored Bat <i>Perimyotis subflavus</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/10515	Proposed Endangered

INSECTS

NAME	STATUS
Monarch Butterfly <i>Danaus plexippus</i> No critical habitat has been designated for this species. This species only needs to be considered under the following conditions: <ul style="list-style-type: none"> ▪ The monarch is a candidate species and not yet listed or proposed for listing. There are generally no section 7 requirements for candidate species (FAQ found here: https://www.fws.gov/savethemonarch/FAQ-Section7.html). Species profile: https://ecos.fws.gov/ecp/species/9743	Candidate

FLOWERING PLANTS

NAME	STATUS
Northeastern Bulrush <i>Scirpus ancistrochaetus</i>	Endangered

Population:

No critical habitat has been designated for this species.

Species profile: <https://ecos.fws.gov/ecp/species/6715>

CRITICAL HABITATS

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

YOU ARE STILL REQUIRED TO DETERMINE IF YOUR PROJECT(S) MAY HAVE EFFECTS ON ALL ABOVE LISTED SPECIES.

USFWS NATIONAL WILDLIFE REFUGE LANDS AND FISH HATCHERIES

Any activity proposed on lands managed by the [National Wildlife Refuge](#) system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

THERE ARE NO REFUGE LANDS OR FISH HATCHERIES WITHIN YOUR PROJECT AREA.

MIGRATORY BIRDS

Certain birds are protected under the Migratory Bird Treaty Act¹ and the Bald and Golden Eagle Protection Act².

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats should follow appropriate regulations and consider implementing appropriate conservation measures, as described [below](#).

-
1. The [Migratory Birds Treaty Act](#) of 1918.
 2. The [Bald and Golden Eagle Protection Act](#) of 1940.
 3. 50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)

The birds listed below are birds of particular concern either because they occur on the [USFWS Birds of Conservation Concern \(BCC\)](#) list or warrant special attention in your project location. To learn more about the levels of concern for birds on your list and how this list is generated, see the FAQ [below](#). This is not a list of every bird you may find in this location, nor a guarantee that every bird on this list will be found in your project area. To see exact locations of where birders and the general public have sighted birds in and around your project area, visit the [E-bird data mapping tool](#) (Tip: enter your location, desired date range and a species on your list). For projects that occur off the Atlantic Coast, additional maps and models detailing the relative occurrence and abundance of bird species on your list are available. Links to additional information about Atlantic Coast birds, and other important information about your migratory bird list, including how to properly interpret and use your migratory bird report, can be found [below](#).

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, click on the PROBABILITY OF PRESENCE SUMMARY at the top of your list to see when these birds are most likely to be present and breeding in your project area.

NAME	BREEDING SEASON
Black-capped Chickadee <i>Poecile atricapillus praticus</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA	Breeds Apr 10 to Jul 31

PROBABILITY OF PRESENCE SUMMARY

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read and understand the FAQ "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

Probability of Presence (■)

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

How is the probability of presence score calculated? The calculation is done in three steps:

1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.
2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is $0.25/0.25 = 1$; at week 20 it is $0.05/0.25 = 0.2$.
3. The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

Breeding Season (■)

Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort (|)

Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps. The number of surveys is expressed as a range, for example, 33 to 64 surveys.

No Data (—)

A week is marked as having no data if there were no survey events for that week.

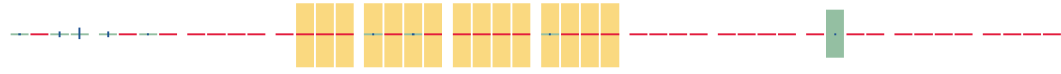
Survey Timeframe

Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.

■ probability of presence ■ breeding season | survey effort — no data

SPECIES JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

Black-capped
Chickadee
BCC - BCR



Additional information can be found using the following links:

- Birds of Conservation Concern <https://www.fws.gov/program/migratory-birds/species>
- Measures for avoiding and minimizing impacts to birds <https://www.fws.gov/library/collections/avoiding-and-minimizing-incident-take-migratory-birds>
- Nationwide conservation measures for birds <https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf>

MIGRATORY BIRDS FAQ

Tell me more about conservation measures I can implement to avoid or minimize impacts to migratory birds.

[Nationwide Conservation Measures](#) describes measures that can help avoid and minimize impacts to all birds at any location year round. Implementation of these measures is particularly important when birds are most likely to occur in the project area. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is a very helpful impact minimization measure. To see when birds are most likely to occur and be breeding in your project area, view the Probability of Presence Summary. [Additional measures](#) or [permits](#) may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

What does IPaC use to generate the list of migratory birds that potentially occur in my specified location?

The Migratory Bird Resource List is comprised of USFWS [Birds of Conservation Concern \(BCC\)](#) and other species that may warrant special attention in your project location.

The migratory bird list generated for your project is derived from data provided by the [Avian Knowledge Network \(AKN\)](#). The AKN data is based on a growing collection of [survey, banding, and citizen science datasets](#) and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle ([Eagle Act](#) requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, please visit the [Rapid Avian Information Locator \(RAIL\) Tool](#).

What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?

The probability of presence graphs associated with your migratory bird list are based on data provided by the [Avian Knowledge Network \(AKN\)](#). This data is derived from a growing collection of [survey, banding, and citizen science datasets](#).

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

How do I know if a bird is breeding, wintering or migrating in my area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating or year-round), you may query your location using the [RAIL Tool](#) and look at the range maps provided for birds in your area at the bottom of the profiles provided for each bird in your results. If a bird on your migratory bird species list has a breeding season associated with it, if that bird does occur in your project area, there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

What are the levels of concern for migratory birds?

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

1. "BCC Rangewide" birds are [Birds of Conservation Concern](#) (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
2. "BCC - BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
3. "Non-BCC - Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the [Eagle Act](#) requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to try to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially eagles and BCC species of rangewide concern. For more information on conservation measures you can implement to help avoid and minimize migratory bird impacts and requirements for eagles, please see the FAQs for these topics.

Details about birds that are potentially affected by offshore projects

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the [Northeast Ocean Data Portal](#). The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the [NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf](#) project webpage.

Bird tracking data can also provide additional details about occurrence and habitat use throughout the year, including migration. Models relying on survey data may not include this information. For additional information on marine bird tracking data, see the [Diving Bird Study](#) and the [nanotag studies](#) or contact [Caleb Spiegel](#) or [Pam Loring](#).

What if I have eagles on my list?

If your project has the potential to disturb or kill eagles, you may need to [obtain a permit](#) to avoid violating the Eagle Act should such impacts occur.

Proper Interpretation and Use of Your Migratory Bird Report

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated, and see options for identifying what other birds may be in your project area, please see the FAQ "What does IPaC use to generate the migratory birds potentially occurring in my specified location". Please be aware this report provides the "probability of presence" of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please also look carefully at the survey effort (indicated by the black vertical bar) and for the existence of the "no data" indicator (a red horizontal bar). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list helps you know what to look for to confirm presence, and helps guide you in knowing when to implement conservation measures to avoid or minimize potential impacts from your project activities, should presence be confirmed. To learn more about conservation measures, visit the FAQ "Tell me about conservation measures I can implement to avoid or minimize impacts to migratory birds" at the bottom of your migratory bird trust resources page.

WETLANDS

Impacts to [NWI wetlands](#) and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local [U.S. Army Corps of Engineers District](#).

Please note that the NWI data being shown may be out of date. We are currently working to update our NWI data set. We recommend you verify these results with a site visit to determine the actual extent of wetlands on site.

THERE ARE NO WETLANDS WITHIN YOUR PROJECT AREA.

IPAC USER CONTACT INFORMATION

Agency: Private Entity
Name: Kathryn Eisele
Address: 844 N. Lenola Road
Address Line 2: Suite 1
City: Moorestown
State: NJ
Zip: 08057
Email: kathy.eisele@terracon.com
Phone: 8568133267

LEAD AGENCY CONTACT INFORMATION

Lead Agency: Federal Communications Commission

1. PROJECT INFORMATION

Project Name: **Ambassador Towers** Site Name: **Hustontown**

Date of Review: **8/21/2023 01:37:48 PM**

Project Category: **Communication, Cell or communication tower (include access roads in project area),
modification of existing tower**

Project Area: **3.15 acres**

County(s): **Fulton**

Township/Municipality(s): **DUBLIN TOWNSHIP**

ZIP Code:

Quadrangle Name(s): **HUSTONTOWN**

Watersheds HUC 8: **Conococheague-Opequon; Lower Juniata**

Watersheds HUC 12: **Little Aughwick Creek; Patterson Run-Licking Creek**

Decimal Degrees: **40.041884, -78.000803**

Degrees Minutes Seconds: **40° 2' 30.7828" N, 78° 0' 2.8909" 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.

Ambassador Towers Site Name: Hustontown

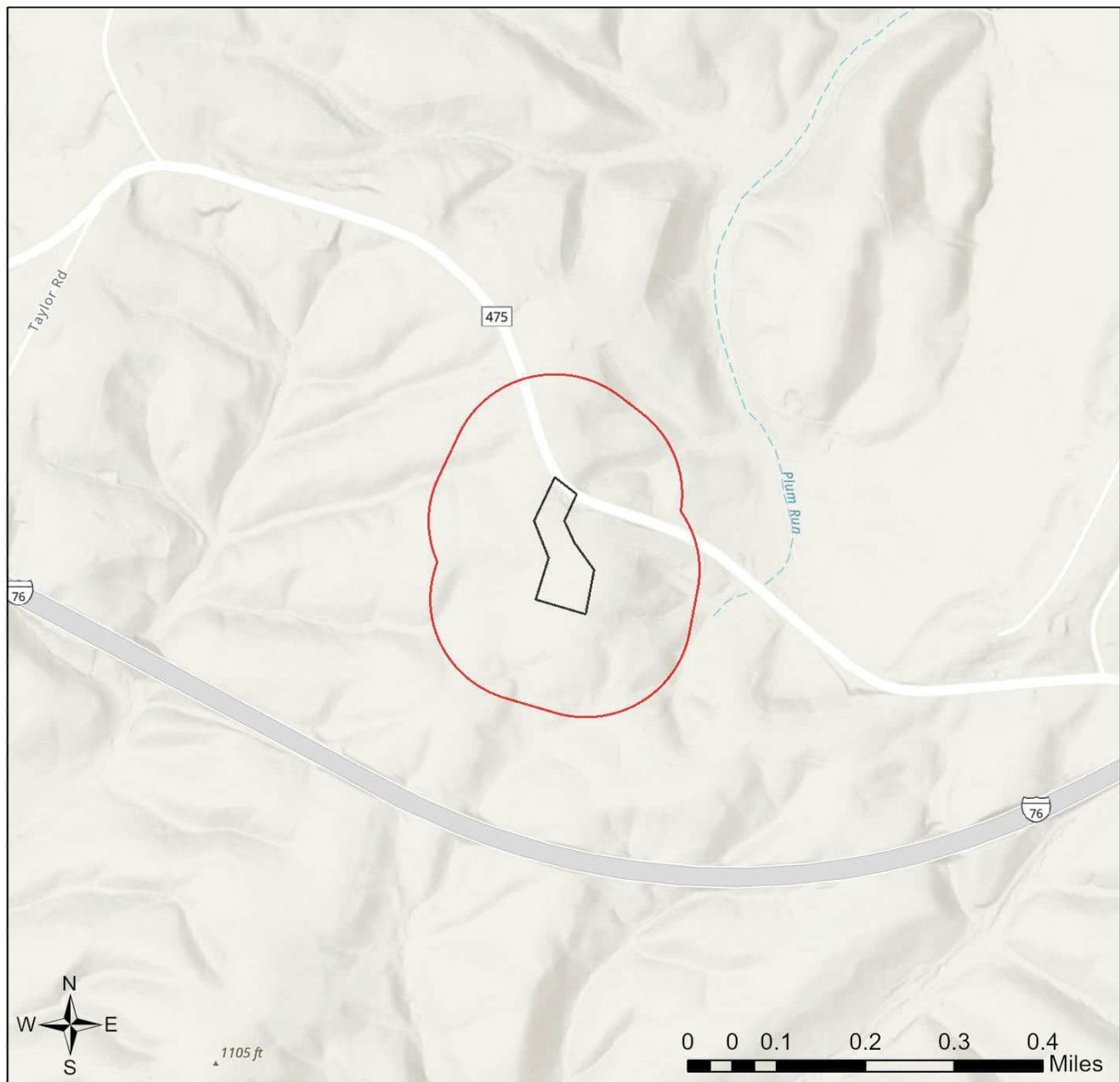


- Buffered Project Boundary
- Project Boundary



Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community

Ambassador Towers Site Name: Hustontown



- Buffered Project Boundary
- Project Boundary



Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community

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. Two review options are available to permit applicants for handling PNDI coordination in conjunction with DEP's permit review process involving either T&E Species or species of special concern. Under sequential review, the permit applicant performs a PNDI screening and completes all coordination with the appropriate jurisdictional agencies prior to submitting the permit application. The applicant will include with its application, both a PNDI receipt and/or a clearance letter from the jurisdictional agency if the PNDI Receipt shows a Potential Impact to a species or the applicant chooses to obtain letters directly from the jurisdictional agencies. Under concurrent review, DEP, where feasible, will allow technical review of the permit to occur concurrently with the T&E species consultation with the jurisdictional agency. The applicant must still supply a copy of the PNDI Receipt with its permit application. The PNDI Receipt should also be submitted to the appropriate agency according to directions on the PNDI Receipt. The applicant and the jurisdictional agency will work together to resolve the potential impact(s). See the DEP PNDI policy at <https://conservationexplorer.dcnr.pa.gov/content/resources>.

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). 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
Email: RA-HeritageReview@pa.gov

PA Fish and Boat Commission

Division of Environmental Services
595 E. Rolling Ridge Dr., Bellefonte, PA 16823
Email: RA-FBPACENOTIFY@pa.gov

U.S. Fish and Wildlife Service

Pennsylvania Field Office
Endangered Species Section
110 Radnor Rd; Suite 101
State College, PA 16801
Email: IR1_ESPenn@fws.gov
NO Faxes Please

PA Game Commission

Bureau of Wildlife Management
Division of Environmental Review
2001 Elmerton Avenue, Harrisburg, PA 17110-9797
Email: RA-PGC_PNDI@pa.gov
NO Faxes Please

7. PROJECT CONTACT INFORMATION

Name: Kathy A. Eisele
Company/Business Name: Terracon
Address: 844 N Lenola Rd, Ste 1
City, State, Zip: Moorestown NJ 08057-1052
Phone: (856) 813-3267 Fax: ()
Email: kathy.eisele@terracon.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.



applicant/project proponent signature
(for) Kathy A. Eisele

8/24/23

date

*Jacks Mountain New Tower
Section 7 Documentation*



844 N. Lenola Road, Suite 1
Moorestown, NJ 08057

P (856) 813-3281
F (856) 813-3279

Terracon.com

August 28, 2023

Ambassador Towers LLC
3105 Lincoln Highway East
Paradise, PA 17562

Re: Natural Resources Site Evaluation for a Telecommunications Site

To Whom It May Concern:

Terracon has completed a review of potential impacts to listed and proposed threatened/endangered species and critical habitats resulting from the proposed construction of a telecommunications site. The lead federal agency for this project is the National Telecommunications and Information Administration (NTIA). In addition to NTIA National Environmental Policy Act (NEPA) considerations, Federal Communications Commission's (FCC) regulations, as identified in 47CFR § 1.1307 (a) 3, are also included, which require that the effects of the proposed tower construction to protected species and critical habitats are considered. Findings in this report are based upon the site's current utilization, the most recent reconnaissance information and from other activities described herein; such information is subject to change. Basic site information is presented in the table below.

Site Name:	Jacks Mountain
Terracon Project Number:	J8237072
Address:	21204 Laurel Mountain Road
City, County, State:	Cromwell Township (Three Springs), Huntingdon County, Pennsylvania 17264
Latitude / Longitude:	40° 14' 7.08"N / 77° 58' 20.20" W
Proposed Lease Area:	10,000 square foot tower compound powered by a 15,000 square foot solar compound that abuts the proposed tower compound to the northwest
Proposed Tower Height:	199 feet, including attachments
Tower Type:	Self-support
Description of the site	Undeveloped, wooded land
Proposed Access Road:	20-foot by 575-foot access/utility easement
Description of the surrounding properties	Undeveloped, wooded land
Description of wetlands or water bodies near the site	Based on a review of the National Wetlands Inventory (NWI) map and topographic maps, there are no mapped wetlands or surface waters within 500 feet of the proposed tower/solar compound or easement
Elevation and topography	2,110 feet above mean sea level. The topography in the immediate site area slopes steeply to the southeast

The site consists of undeveloped, wooded land. The surrounding properties consist of undeveloped wooded land and Summit Road to the south of the site, followed by additional undeveloped wooded land.

Natural Resources Site Evaluation

Jacks Mountain ■ Cromwell Twp (Three Springs), PA
August 28, 2023 ■ Terracon Project No. J8237072



According to the Natural Resource Conservation Service (NRCS) Web Soil Survey for Huntingdon County, Pennsylvania, the dominant soil type at the site is Hazleton-Dekalb complex, 8 to 25 percent slopes (HTD). This soil type has no frequency of ponding, is well drained, and is not considered hydric soil by the NRCS.

Terracon conducted a preliminary review using the U.S. Fish and Wildlife Service (USFWS) Information, Planning and Conservation System (IPaC) Endangered Species Act species list to identify listed and proposed threatened and endangered species, as well as critical habitats that may be located on or near the project site.

According to the IPaC report, the following species have the potential to be present in the vicinity of the project area:

Taxon	Name	Species Habitat	Status
Mammal	Indiana Bat (<i>Myotis sodalist</i>)	Found in caves and in wooded land. During the winter, this species utilizes caves or abandoned mines. During summer, this species utilizes wooded areas where trees contain exfoliating bark of live trees or decaying bark of snag trees. (USFWS)	Endangered
	Northern Long-eared Bat (<i>Myotis septentrionalis</i>)	Found in caves and in wooded land. During the winter, this species utilizes caves or abandoned mines, called hibernacula. During summer, this species utilizes wooded areas where trees contain exfoliating bark of live trees or decaying bark of snag trees (USFWS).	Endangered
	Tricolored Bat (<i>Perimyotis subflavus</i>)	Found in forested landscapes, where they forage near trees (including forest perimeters) and along waterways. Maternity colonies also may utilize human-made structures (buildings, bridges, etc.) or tree cavities.	Proposed Endangered
Insect	Monarch Butterfly (<i>Danaus plexippus</i>)	Found in open prairies, meadows, and grasslands. Sometimes along roadsides and disturbed areas but almost always in the vicinity of milkweed populations. Breeding areas are virtually all patches of milkweed in North America and some other regions (NatureServe).	Candidate
Flowering Plant	Northeastern Bulrush (<i>Scirpus ancistrochaetus</i>)	Grows in wet areas – small wetlands, sinkhole ponds or wet depressions with seasonally fluctuating water levels (USFWS).	Endangered

There are no critical habitats documented at the site. There are no mapped critical habitats, wildlife refuges, or fish hatcheries mapped at the proposed tower location. The IPaC species list is attached at the end of this document.

Terracon also utilized the Pennsylvania Natural Diversity Inventory (PNDI) online database environmental review tool to further refine the environmental review process for both federally and Pennsylvania-state protected species. The PNDI system is managed by the Pennsylvania Department of Conservation and Natural Resources (DCNR) in order to build, maintain, and provide accurate and accessible ecological information needed for conservation, development planning, natural resources

Natural Resources Site Evaluation

Jacks Mountain ■ Cromwell Twp (Three Springs), PA
August 28, 2023 ■ Terracon Project No. J8237072



management, and for the protection of threatened and endangered species, special concern species, and rare and significant ecological features. The PNDI environmental review tool analyzes proposed project footprints against known species locations and recommends conservation measures and other actions that may be needed to maintain compliance with the Federal Endangered Species Act, as well as, allied Pennsylvania state species protection laws.

Within Pennsylvania, the PNDI environmental review tool takes primacy in the project environmental review process over IPaC. The environmental review tool is utilized to coordinate concurrent project reviews with the DCNR, the Pennsylvania Fish and Boat Commission (PFBC), the Pennsylvania Game Commission (PGC), and the USFWS.

The PNDI environmental review tool project response indicates the DCNR & PFBC concluded: *No Impact is anticipated to threatened and endangered species and/or special concern species and resources.* Therefore, no further coordination is required with these state jurisdictional agencies.

The PGC responded: *Potential impacts to state and federally listed species which are under the jurisdiction of both the Pennsylvania Game Commission (PGC) and the U.S. Fish and Wildlife Service may occur as a result of this project. As a result, the PGC defers comments on potential impacts to federally listed species to the U.S. Fish and Wildlife Service. No further coordination with the Pennsylvania Game Commission is required at this time.*

The USFWS responded: *The proposed project is located in the vicinity of northern long-eared bat spring staging/fall swarming habitat. To ensure take is not reasonably certain to occur, do not conduct tree removal from May 15 to August 15. The U.S. Fish and Wildlife Service determined take is not reasonably certain to occur from tree removal if activities are avoided during the pup season (i.e., the range of time when females are close to giving birth (i.e., two weeks prior to birth) and have non-volant (i.e., unable to fly young).*

Based on a review of the habitat for the above-listed species, compared to an analysis of the habitat present on the site location, and the implementation of the referenced USFWS precautions, it is not anticipated that the proposed telecommunications tower will affect listed or proposed protected species or critical habitats.

The Migratory Bird Treaty Act of 1918 (MBTA) decrees that migratory birds and their parts (including eggs, nests, and feathers) are federally protected. The MBTA is the domestic law that affirms, or implements, the United States' commitment to four international conventions (with Canada, Japan, Mexico, and Russia) for the protection of a shared migratory bird resource. Each of the conventions protect selected species of birds that are common to these countries (i.e., they occur in these countries at some point during their annual life cycle). The following migratory birds of concern were identified within the vicinity of the site on the IPaC:

Species Name	Bird of Conservation Concern (BCC)	Seasonal Occurrence in Project Area
Caerulean Warbler (<i>Dendrioca cerulea</i>)	No	April through July

If construction is to occur during breeding season, a preconstruction nesting survey is recommended as a mitigation measure.

Natural Resources Site Evaluation

Jacks Mountain ■ Cromwell Twp (Three Springs), PA
August 28, 2023 ■ Terracon Project No. J8237072



USFWS recommendations published in Revised Guidelines for Communication Tower Design, Siting, Construction, Operation, Retrofitting, and Decommissioning (2021) state the preferred tower height to decrease potential effects on migratory birds is less than 200 feet tall. Siting and design process for this project could not conform to all the USFWS recommendations; however, mitigating factors proposed for implementation at the site include the following: limiting the tower height to 199 feet, location in minimally sensitive areas, and eliminating the need for guy wires.

Based on Terracon's analysis, reconnaissance, and agreement with the USFWS's Conservation measures, the proposed site activities are not anticipated to effect listed or proposed protected species or critical habitats.

Please feel free to contact our office at 856-813-3267 if you need additional information.

Sincerely,

Terracon Consultants, Inc.

A handwritten signature in cursive script, appearing to read 'Trevor Underwood'.

Trevor Underwood
Field Scientist

A handwritten signature in cursive script, appearing to read 'Paul DeAngelo'.

Paul DeAngelo
Senior Principal / Department Manager
Environmental

Attachments: Tower Site Evaluation Form
Topographic Site Location Map
National Wetlands Inventory Map
Site Plans
IPaC Report
PNDI Receipt

TOWER SITE USFWS EVALUATION FORM

9. Dominant vegetative species in each habitat type: _____

10. Average diameter breast height of dominant tree species in forested areas: _____

11. Will construction cause fragmentation of a larger habitat into two or more smaller blocks? _____ If yes, describe: _____

12. Evidence of bird roosts or rookeries present? _____ If yes, describe: _____

13. Distance to nearest wetland area (swamp, marsh, riparian, marine, etc.), and coastline: _____

14. Distance to nearest telecommunications tower: _____

15. Potential to collocate antennas on existing towers or structures: _____

16. Have measures been incorporated to minimize impacts on migratory birds? _____
If yes, describe: _____

17. Has an evaluation been made to determine if the proposed facility may affect listed or proposed endangered or threatened species or their habitats as required by FCC regulation at 47 CFR 1.1307(a)(3)? Yes If yes, present findings: _____
No endangered or threatened species or critical habitats will be affected by the proposed project.

18. Additional information required: None

Please refer to Appendix B for Site Figures

Please refer to Appendix F for Site Photographs



United States Department of the Interior

FISH AND WILDLIFE SERVICE
Pennsylvania Ecological Services Field Office
110 Radnor Road Suite 101
State College, PA 16801-7987
Phone: (814) 234-4090 Fax: (814) 234-0748



In Reply Refer To:

August 03, 2023

Project Code: 2023-0112714

Project Name: Ambassador Towers Site Name: Jacks Mountain

Subject: List of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2)(c)). For projects other than major construction activities, the Service suggests that a biological

evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

<http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF>

Migratory Birds: In addition to responsibilities to protect threatened and endangered species under the Endangered Species Act (ESA), there are additional responsibilities under the Migratory Bird Treaty Act (MBTA) and the Bald and Golden Eagle Protection Act (BGEPA) to protect native birds from project-related impacts. Any activity, intentional or unintentional, resulting in take of migratory birds, including eagles, is prohibited unless otherwise permitted by the U.S. Fish and Wildlife Service (50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)). For more information regarding these Acts see <https://www.fws.gov/birds/policies-and-regulations.php>.

The MBTA has no provision for allowing take of migratory birds that may be unintentionally killed or injured by otherwise lawful activities. It is the responsibility of the project proponent to comply with these Acts by identifying potential impacts to migratory birds and eagles within applicable NEPA documents (when there is a federal nexus) or a Bird/Eagle Conservation Plan (when there is no federal nexus). Proponents should implement conservation measures to avoid or minimize the production of project-related stressors or minimize the exposure of birds and their resources to the project-related stressors. For more information on avian stressors and recommended conservation measures see <https://www.fws.gov/birds/bird-enthusiasts/threats-to-birds.php>.

In addition to MBTA and BGEPA, Executive Order 13186: *Responsibilities of Federal Agencies to Protect Migratory Birds*, obligates all Federal agencies that engage in or authorize activities that might affect migratory birds, to minimize those effects and encourage conservation measures that will improve bird populations. Executive Order 13186 provides for the protection of both migratory birds and migratory bird habitat. For information regarding the implementation of Executive Order 13186, please visit <https://www.fws.gov/birds/policies-and-regulations/executive-orders/e0-13186.php>.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Code in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List
 - USFWS National Wildlife Refuges and Fish Hatcheries
 - Migratory Birds
 - Wetlands
-

OFFICIAL SPECIES LIST

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Pennsylvania Ecological Services Field Office

110 Radnor Road Suite 101
State College, PA 16801-7987
(814) 234-4090

PROJECT SUMMARY

Project Code: 2023-0112714

Project Name: Ambassador Towers Site Name: Jacks Mountain

Project Type: Communication Tower New Construction

Project Description: Proposed 199-ft self-support telecommunications tower

Project Location:

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@40.23539194999999,-77.97301348113288,14z>



Counties: Huntingdon County, Pennsylvania

ENDANGERED SPECIES ACT SPECIES

There is a total of 5 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species. Note that 1 of these species should be considered only under certain conditions.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

-
1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

MAMMALS

NAME	STATUS
Indiana Bat <i>Myotis sodalis</i> There is final critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/5949	Endangered
Northern Long-eared Bat <i>Myotis septentrionalis</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9045	Endangered
Tricolored Bat <i>Perimyotis subflavus</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/10515	Proposed Endangered

INSECTS

NAME	STATUS
Monarch Butterfly <i>Danaus plexippus</i> No critical habitat has been designated for this species. This species only needs to be considered under the following conditions: <ul style="list-style-type: none"> ▪ The monarch is a candidate species and not yet listed or proposed for listing. There are generally no section 7 requirements for candidate species (FAQ found here: https://www.fws.gov/savethemonarch/FAQ-Section7.html). Species profile: https://ecos.fws.gov/ecp/species/9743	Candidate

FLOWERING PLANTS

NAME	STATUS
Northeastern Bulrush <i>Scirpus ancistrochaetus</i> Population: No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/6715	Endangered

CRITICAL HABITATS

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

YOU ARE STILL REQUIRED TO DETERMINE IF YOUR PROJECT(S) MAY HAVE EFFECTS ON ALL ABOVE LISTED SPECIES.

USFWS NATIONAL WILDLIFE REFUGE LANDS AND FISH HATCHERIES

Any activity proposed on lands managed by the [National Wildlife Refuge](#) system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

THERE ARE NO REFUGE LANDS OR FISH HATCHERIES WITHIN YOUR PROJECT AREA.

MIGRATORY BIRDS

Certain birds are protected under the Migratory Bird Treaty Act¹ and the Bald and Golden Eagle Protection Act².

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats should follow appropriate regulations and consider implementing appropriate conservation measures, as described [below](#).

-
1. The [Migratory Birds Treaty Act](#) of 1918.
 2. The [Bald and Golden Eagle Protection Act](#) of 1940.
 3. 50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)

The birds listed below are birds of particular concern either because they occur on the [USFWS Birds of Conservation Concern \(BCC\)](#) list or warrant special attention in your project location. To learn more about the levels of concern for birds on your list and how this list is generated, see the FAQ [below](#). This is not a list of every bird you may find in this location, nor a guarantee that every bird on this list will be found in your project area. To see exact locations of where birders and the general public have sighted birds in and around your project area, visit the [E-bird data mapping tool](#) (Tip: enter your location, desired date range and a species on your list). For projects that occur off the Atlantic Coast, additional maps and models detailing the relative occurrence and abundance of bird species on your list are available. Links to additional information about Atlantic Coast birds, and other important information about your migratory bird list, including how to properly interpret and use your migratory bird report, can be found [below](#).

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, click on the PROBABILITY OF PRESENCE SUMMARY at the top of your list to see when these birds are most likely to be present and breeding in your project area.

NAME	BREEDING SEASON
Cerulean Warbler <i>Dendroica cerulea</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/2974	Breeds Apr 27 to Jul 20

PROBABILITY OF PRESENCE SUMMARY

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read and understand the FAQ "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

Probability of Presence (■)

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

How is the probability of presence score calculated? The calculation is done in three steps:

1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.
2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is $0.25/0.25 = 1$; at week 20 it is $0.05/0.25 = 0.2$.
3. The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

Breeding Season (■)

Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort (|)

Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps. The number of surveys is expressed as a range, for example, 33 to 64 surveys.

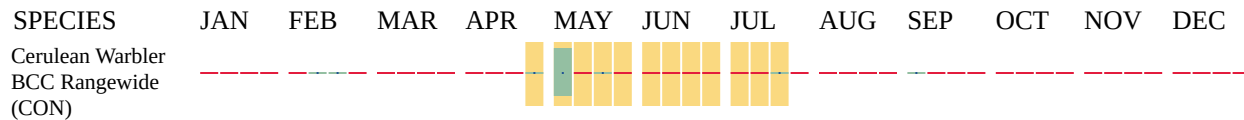
No Data (—)

A week is marked as having no data if there were no survey events for that week.

Survey Timeframe

Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.

■ probability of presence ■ breeding season | survey effort — no data



Additional information can be found using the following links:

- Birds of Conservation Concern <https://www.fws.gov/program/migratory-birds/species>
- Measures for avoiding and minimizing impacts to birds <https://www.fws.gov/library/collections/avoiding-and-minimizing-incident-take-migratory-birds>
- Nationwide conservation measures for birds <https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf>

MIGRATORY BIRDS FAQ

Tell me more about conservation measures I can implement to avoid or minimize impacts to migratory birds.

[Nationwide Conservation Measures](#) describes measures that can help avoid and minimize impacts to all birds at any location year round. Implementation of these measures is particularly important when birds are most likely to occur in the project area. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is a very helpful impact minimization measure. To see when birds are most likely to occur and be breeding in your project area, view the Probability of Presence Summary. [Additional measures](#) or [permits](#) may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

What does IPaC use to generate the list of migratory birds that potentially occur in my specified location?

The Migratory Bird Resource List is comprised of USFWS [Birds of Conservation Concern \(BCC\)](#) and other species that may warrant special attention in your project location.

The migratory bird list generated for your project is derived from data provided by the [Avian Knowledge Network \(AKN\)](#). The AKN data is based on a growing collection of [survey, banding, and citizen science datasets](#) and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle ([Eagle Act](#) requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, please visit the [Rapid Avian Information Locator \(RAIL\) Tool](#).

What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?

The probability of presence graphs associated with your migratory bird list are based on data provided by the [Avian Knowledge Network \(AKN\)](#). This data is derived from a growing collection of [survey, banding, and citizen science datasets](#).

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

How do I know if a bird is breeding, wintering or migrating in my area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating or year-round), you may query your location using the [RAIL Tool](#) and look at the range maps provided for birds in your area at the bottom of the profiles provided for each bird in your results. If a bird on your migratory bird species list has a breeding season associated with it, if that bird does occur in your project area, there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

What are the levels of concern for migratory birds?

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

1. "BCC Rangewide" birds are [Birds of Conservation Concern](#) (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
2. "BCC - BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
3. "Non-BCC - Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the [Eagle Act](#) requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to try to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially eagles and BCC species of rangewide concern. For more information on conservation measures you can implement to help avoid and minimize migratory bird impacts and requirements for eagles, please see the FAQs for these topics.

Details about birds that are potentially affected by offshore projects

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the [Northeast Ocean Data Portal](#). The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the [NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf](#) project webpage.

Bird tracking data can also provide additional details about occurrence and habitat use throughout the year, including migration. Models relying on survey data may not include this information. For additional information on marine bird tracking data, see the [Diving Bird Study](#) and the [nanotag studies](#) or contact [Caleb Spiegel](#) or [Pam Loring](#).

What if I have eagles on my list?

If your project has the potential to disturb or kill eagles, you may need to [obtain a permit](#) to avoid violating the Eagle Act should such impacts occur.

Proper Interpretation and Use of Your Migratory Bird Report

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated, and see options for identifying what other birds may be in your project area, please see the FAQ "What does IPaC use to generate the migratory birds potentially occurring in my specified location". Please be aware this report provides the "probability of presence" of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please also look carefully at the survey effort (indicated by the black vertical bar) and for the existence of the "no data" indicator (a red horizontal bar). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list helps you know what to look for to confirm presence, and helps guide you in knowing when to implement conservation measures to avoid or minimize potential impacts from your project activities, should presence be confirmed. To learn more about conservation measures, visit the FAQ "Tell me about conservation measures I can implement to avoid or minimize impacts to migratory birds" at the bottom of your migratory bird trust resources page.

WETLANDS

Impacts to [NWI wetlands](#) and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local [U.S. Army Corps of Engineers District](#).

Please note that the NWI data being shown may be out of date. We are currently working to update our NWI data set. We recommend you verify these results with a site visit to determine the actual extent of wetlands on site.

THERE ARE NO WETLANDS WITHIN YOUR PROJECT AREA.

IPAC USER CONTACT INFORMATION

Agency: Private Entity
Name: Kathryn Eisele
Address: 844 N. Lenola Road
Address Line 2: Suite 1
City: Moorestown
State: NJ
Zip: 08057
Email: kathy.eisele@terracon.com
Phone: 8568133267

LEAD AGENCY CONTACT INFORMATION

Lead Agency: Federal Communications Commission

1. PROJECT INFORMATION

Project Name: **Ambassador Towers Site Name: Jacks Mountain**

Date of Review: **8/21/2023 01:35:04 PM**

Project Category: **Communication, Cell or communication tower (include access roads in project area), new tower**

Project Area: **3.80 acres**

County(s): **Huntingdon**

Township/Municipality(s): **CROMWELL TOWNSHIP**

ZIP Code:

Quadrangle Name(s): **ORBISONIA**

Watersheds HUC 8: **Lower Juniata**

Watersheds HUC 12: **Aughwick Creek-Juniata River; Three Springs Creek**

Decimal Degrees: **40.235362, -77.972968**

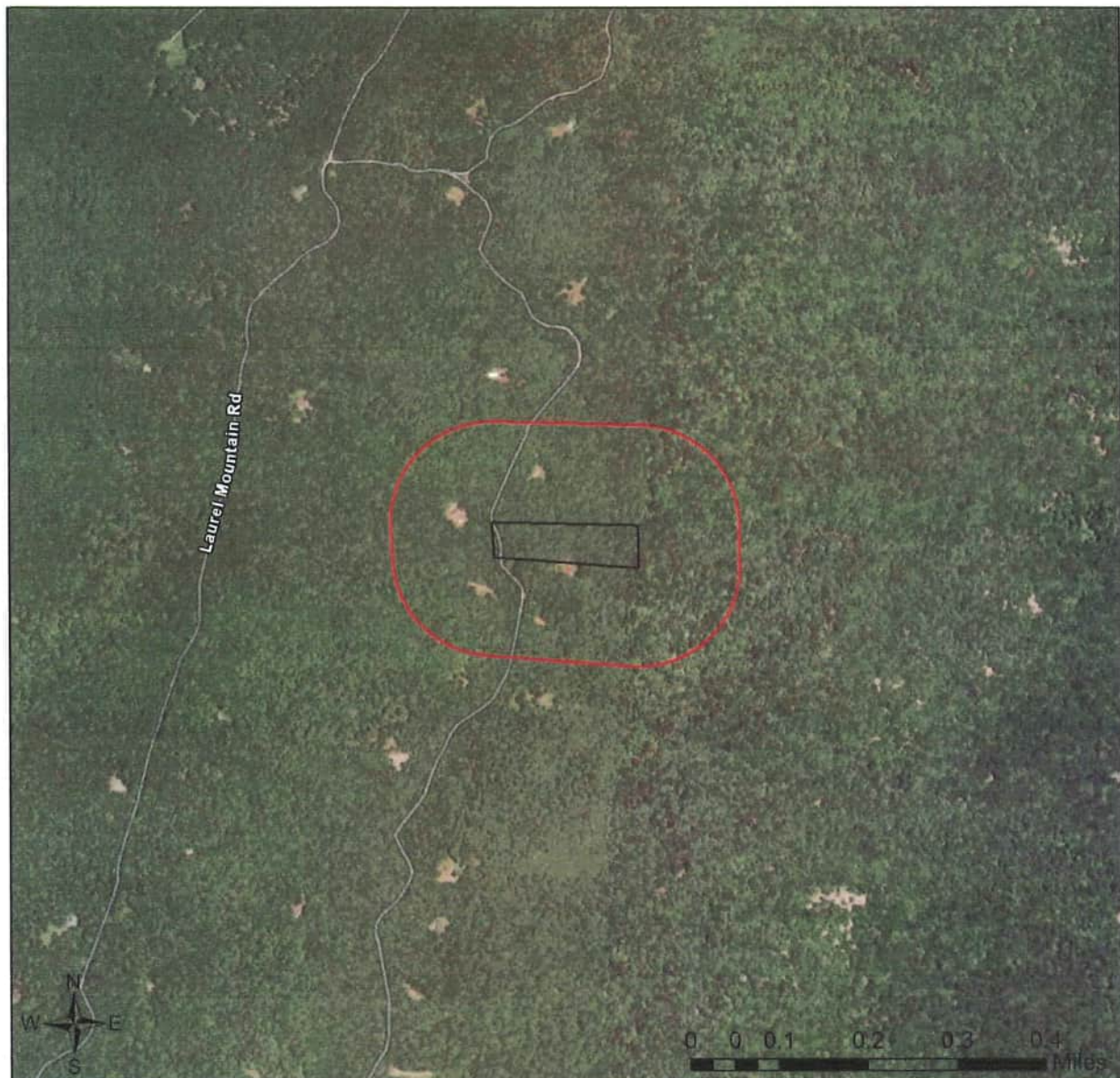
Degrees Minutes Seconds: **40° 14' 7.3035" N, 77° 58' 22.6842" W**



2. SEARCH RESULTS

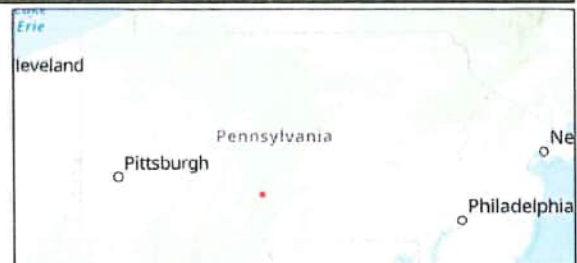
Agency	Results	Response
PA Game Commission	Conservation Measure	No Further Review Required, See Agency Comments
PA Department of Conservation and Natural Resources	No Known Impact	No Further Review Required
PA Fish and Boat Commission	No Known Impact	No Further Review Required
U.S. Fish and Wildlife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

As summarized above, Pennsylvania Natural Diversity Inventory (PNDI) records indicate there may be potential impacts to threatened and endangered and/or special concern species and resources within the project area. If the response above indicates "No Further Review Required" no additional communication with the respective agency is required. If the response is "Further Review Required" or "See Agency Response," refer to the appropriate agency comments below. Please see the DEP Information Section of this receipt if a PA Department of Environmental Protection Permit is required.

Ambassador Towers Site Name: Jacks Mountain

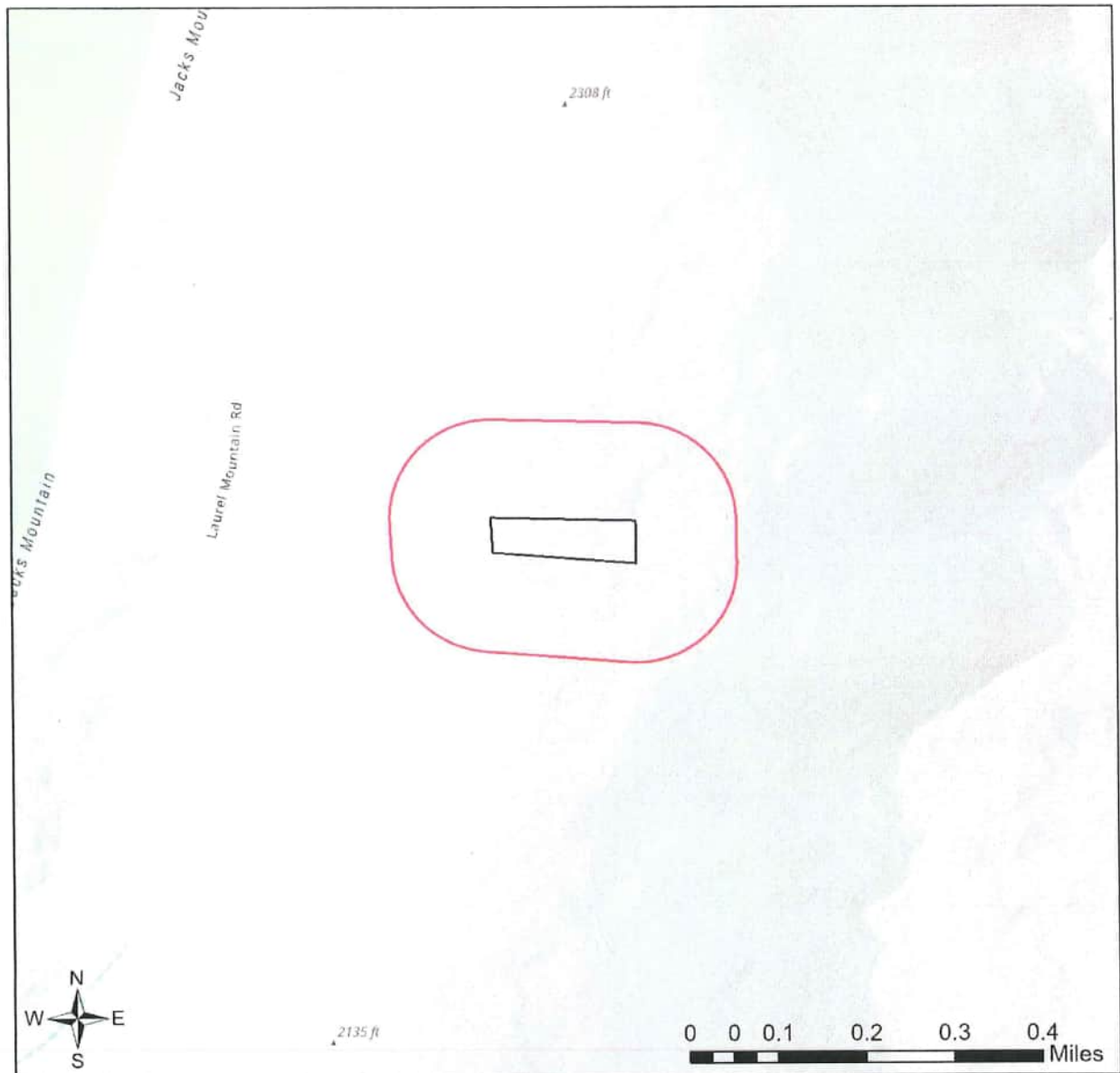




-  Buffered Project Boundary
-  Project Boundary

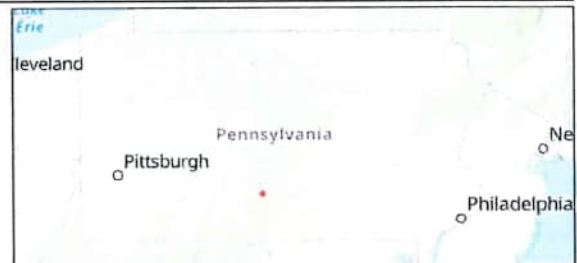


Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community

Ambassador Towers Site Name: Jacks Mountain



-  Buffered Project Boundary
-  Project Boundary



Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community

RESPONSE TO QUESTION(S) ASKED

Q1: Is tree removal, tree cutting or forest clearing necessary to implement all aspects of this project?

Your answer is: Yes

Q2: How many acres of woodland, forest, forested fencerows and trees will be cut, cleared, removed, disturbed or flooded (inundated) as a result of carrying out all aspects or phases of this project? [Round acreages UP to the nearest acre (e.g., 0.2 acres = 1 acre).]

Your answer is: 1 to 10 acres

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:

Conservation Measure: Potential impacts to state and federally listed species which are under the jurisdiction of both the Pennsylvania Game Commission (PGC) and the U.S. Fish and Wildlife Service may occur as a result of this project. As a result, the PGC defers comments on potential impacts to federally listed species to the U.S. Fish and Wildlife Service. No further coordination with the Pennsylvania Game Commission is required at this time.

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.

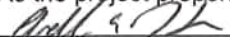
U.S. Fish and Wildlife Service

RESPONSE:

Avoidance Measure: The proposed project is located in the vicinity of northern long-eared bat spring staging/fall swarming habitat. To ensure take is not reasonably certain to occur, do not conduct tree removal from May 15 to August 15. The U.S. Fish and Wildlife Service determined take is not reasonably certain to occur from tree removal if activities are avoided during the pup season (i.e., the range of time when females are close to giving birth (i.e., two weeks prior to birth) and have non-volant (i.e., unable to fly) young). For more information, see the Interim Voluntary Guidance for the Northern Long-Eared Bat: Forest Habitat Modification, available here:

<https://www.fws.gov/library/collections/interim-habitat-modification-guidance>.

As the project proponent or applicant, I certify that I will implement the above Avoidance Measure:

 (Signature)

SPECIAL NOTE: If you agree to implement the above Avoidance Measure and if applicable, any Information Requests, no further coordination with this agency regarding threatened and endangered species and/or special concern species and resources is required. If you are not able to comply with the Avoidance Measures, you are required to coordinate with this agency - please send project information to this agency for review (see "What to Send" section).

WHAT TO SEND TO JURISDICTIONAL AGENCIES

If project information was requested by one or more of the agencies above, upload* or email the following information to the agency(s) (see AGENCY CONTACT INFORMATION). Instructions for uploading project materials can be found [here](#). This option provides the applicant with the convenience of sending project materials to a single location accessible to all three state agencies (but not USFWS).

*If information was requested by USFWS, applicants must email, or mail, project information to IR1_ESPenn@fws.gov to initiate a review. USFWS will not accept uploaded project materials.

Check-list of Minimum Materials to be submitted:

____ Project narrative with a description of the overall project, the work to be performed, current physical characteristics of the site and acreage to be impacted.

____ A map with the project boundary and/or a basic site plan (particularly showing the relationship of the project to the physical features such as wetlands, streams, ponds, rock outcrops, etc.)

In addition to the materials listed above, USFWS REQUIRES the following

____ **SIGNED** copy of a Final Project Environmental Review Receipt

The inclusion of the following information may expedite the review process.

____ Color photos keyed to the basic site plan (i.e. showing on the site plan where and in what direction each photo was taken and the date of the photos)

____ Information about the presence and location of wetlands in the project area, and how this was determined (e.g., by a qualified wetlands biologist), if wetlands are present in the project area, provide project plans showing the location of all project features, as well as wetlands and streams.

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. Two review options are available to permit applicants for handling PNDI coordination in conjunction with DEP's permit review process involving either T&E Species or species of special concern. Under sequential review, the permit applicant performs a PNDI screening and completes all coordination with the appropriate jurisdictional agencies prior to submitting the permit application. The applicant will include with its application, both a PNDI receipt and/or a clearance letter from the jurisdictional agency if the PNDI Receipt shows a Potential Impact to a species or the applicant chooses to obtain letters directly from the jurisdictional agencies. Under concurrent review, DEP, where feasible, will allow technical review of the permit to occur concurrently with the T&E species consultation with the jurisdictional agency. The applicant must still supply a copy of the PNDI Receipt with its permit application. The PNDI Receipt should also be submitted to the appropriate agency according to directions on the PNDI Receipt. The applicant and the jurisdictional agency will work together to resolve the potential impact(s). See the DEP PNDI policy at <https://conservationexplorer.dcnr.pa.gov/content/resources>.

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). 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
Email: RA-HeritageReview@pa.gov

PA Fish and Boat Commission

Division of Environmental Services
595 E. Rolling Ridge Dr., Bellefonte, PA 16823
Email: RA-FBPACENOTIFY@pa.gov

U.S. Fish and Wildlife Service

Pennsylvania Field Office
Endangered Species Section
110 Radnor Rd; Suite 101
State College, PA 16801
Email: IR1_ESPenn@fws.gov
NO Faxes Please

PA Game Commission

Bureau of Wildlife Management
Division of Environmental Review
2001 Elmerton Avenue, Harrisburg, PA 17110-9797
Email: RA-PGC_PNDI@pa.gov
NO Faxes Please

7. PROJECT CONTACT INFORMATION

Name: Art Horn
Company/Business Name: Upward Broadband
Address: 3105 Lingard Highway East
City, State, Zip: Paradise PA 17562
Phone: (717) 809-7448 Fax: ()
Email: A.HORN@upwardbroadband.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.

Art Horn
applicant/project proponent signature

8/24/2023
date

*Sideling Hill New Tower
Section 7 Documentation*



844 N. Lenola Road, Suite 1
Moorestown, NJ 08057

P (856) 813-3281
F (856) 813-3279

Terracon.com

August 28, 2023

Ambassador Towers LLC
3105 Lincoln Highway East
Paradise, PA 17562

Re: Natural Resources Site Evaluation for a Telecommunications Site

To Whom It May Concern:

Terracon has completed a review of potential impacts to listed and proposed threatened/endangered species and critical habitats resulting from the proposed construction of a telecommunications site. The lead federal agency for this project is the National Telecommunications and Information Administration (NTIA). In addition to NTIA National Environmental Policy Act (NEPA) considerations, Federal Communications Commission's (FCC) regulations, as identified in 47CFR § 1.1307 (a) 3, are also included, which require that the effects of the proposed tower construction to protected species and critical habitats are considered. Findings in this report are based upon the site's current utilization, the most recent reconnaissance information and from other activities described herein; such information is subject to change. Basic site information is presented in the table below.

Site Name:	Sideling Hill
Terracon Project Number:	J8237072
Address:	Flickerville Road
City, County, State:	Brush Creek Township, Fulton County, Pennsylvania 17267
Latitude / Longitude:	39° 51' 9.9" N / 78° 13' 4.51" W
Proposed Lease Area:	10,000 square feet
Proposed Tower Height:	274 feet, including attachments
Tower Type:	Self-support
Description of the site	Undeveloped, wooded land
Proposed Access Road:	An approximate 20-foot by 280-foot utility easement, and approximate 30-foot by 30-foot access easement
Description of the surrounding properties	Undeveloped, wooded land, and Sideling Hill Road to the east followed by undeveloped wooded land.
Description of wetlands or water bodies near the site	Based on a review of the National Wetlands Inventory (NWI) map and topographic maps, there are no mapped wetlands or surface waters within 500 feet of the proposed tower compound or easement.
Elevation and topography	1,590 feet above mean sea level. The topography in the immediate site area slopes steeply to the west.

The site consists of undeveloped, wooded land. The surrounding properties consist of undeveloped wooded land and Sideling Hill Road to the east of the site, followed by additional undeveloped wooded land.

Natural Resources Site Evaluation

Sideling Hill ■ Brush Creek Township, PA
August 28, 2023 ■ Terracon Project No. J8237072



According to the Natural Resource Conservation Service (NRCS) Web Soil Survey for Fulton County, Pennsylvania, the dominant soil type at the site is Hazleton-Dekalb complex, 25 to 75 percent slopes (HRF). This soil type has no frequency of ponding, is well drained, and is not considered hydric soil by the NRCS.

Terracon conducted a preliminary review using the U.S. Fish and Wildlife Service (USFWS) Information, Planning and Conservation System (IPaC) Endangered Species Act species list to identify listed and proposed threatened and endangered species, as well as critical habitats that may be located on or near the project site.

According to the IPaC report, the following species have the potential to be present in the vicinity of the project area:

Taxon	Name	Species Habitat	Status
Mammal	Indiana Bat (<i>Myotis sodalist</i>)	Found in caves and in wooded land. During the winter, this species utilizes caves or abandoned mines. During summer, this species utilizes wooded areas where trees contain exfoliating bark of live trees or decaying bark of snag trees. (USFWS)	Endangered
	Northern Long-eared Bat (<i>Myotis septentrionalis</i>)	Found in caves and in wooded land. During the winter, this species utilizes caves or abandoned mines, called hibernacula. During summer, this species utilizes wooded areas where trees contain exfoliating bark of live trees or decaying bark of snag trees (USFWS).	Endangered
	Tricolored Bat (<i>Perimyotis subflavus</i>)	Found in forested landscapes, where they forage near trees (including forest perimeters) and along waterways. Maternity colonies also may utilize human-made structures (buildings, bridges, etc.) or tree cavities.	Proposed Endangered
Insect	Monarch Butterfly (<i>Danaus plexippus</i>)	Found in open prairies, meadows, and grasslands. Sometimes along roadsides and disturbed areas but almost always in the vicinity of milkweed populations. Breeding areas are virtually all patches of milkweed in North America and some other regions (NatureServe).	Candidate
Flowering Plant	Northeastern Bulrush (<i>Scirpus ancistrochaetus</i>)	Grows in wet areas – small wetlands, sinkhole ponds or wet depressions with seasonally fluctuating water levels (USFWS).	Endangered

There are no critical habitats documented at the site. There are no mapped critical habitats, wildlife refuges, or fish hatcheries mapped at the proposed tower location. The IPaC species list is attached at the end of this document.

Terracon also utilized the Pennsylvania Natural Diversity Inventory (PNDI) online database environmental review tool to further refine the environmental review process for both federally and Pennsylvania-state protected species. The PNDI system is managed by the Pennsylvania Department of Conservation and Natural Resources (DCNR) in order to build, maintain, and provide accurate and accessible ecological information needed for conservation, development planning, natural resources

management, and for the protection of threatened and endangered species, special concern species, and rare and significant ecological features. The PNDI environmental review tool analyzes proposed project footprints against known species locations and recommends conservation measures and other actions that may be needed to maintain compliance with the Federal Endangered Species Act, as well as, allied Pennsylvania state species protection laws.

Within Pennsylvania, the PNDI environmental review tool takes primacy in the project environmental review process over IPaC. The environmental review tool is utilized to coordinate concurrent project reviews with the DCNR, the Pennsylvania Fish and Boat Commission (PFBC), the Pennsylvania Game Commission (PGC), and the USFWS.

The PNDI environmental review tool project response indicates the DCNR & PFBC concluded: *No Impact is anticipated to threatened and endangered species and/or special concern species and resources.* Therefore, no further coordination is required with these state jurisdictional agencies.

The PGC responded: *Potential impacts to state and federally listed species which are under the jurisdiction of both the Pennsylvania Game Commission (PGC) and the U.S. Fish and Wildlife Service may occur as a result of this project. As a result, the PGC defers comments on potential impacts to federally listed species to the U.S. Fish and Wildlife Service. No further coordination with the Pennsylvania Game Commission is required at this time.*

The USFWS responded: *The proposed project is located in the vicinity of northern long-eared bat spring staging/fall swarming habitat. To ensure take is not reasonably certain to occur, do not conduct tree removal from May 15 to August 15. The U.S. Fish and Wildlife Service determined take is not reasonably certain to occur from tree removal if activities are avoided during the pup season (i.e., the range of time when females are close to giving birth (i.e., two weeks prior to birth) and have non-volant (i.e., unable to fly young).*

Based on a review of the habitat for the above-listed species, compared to an analysis of the habitat present on the site location, and the implementation of the referenced USFWS precautions, it is not anticipated that the proposed telecommunications tower will affect listed or proposed protected species or critical habitats.

The Migratory Bird Treaty Act of 1918 (MBTA) decrees that migratory birds and their parts (including eggs, nests, and feathers) are federally protected. The MBTA is the domestic law that affirms, or implements, the United States' commitment to four international conventions (with Canada, Japan, Mexico, and Russia) for the protection of a shared migratory bird resource. Each of the conventions protect selected species of birds that are common to these countries (i.e., they occur in these countries at some point during their annual life cycle). The following migratory birds of concern were identified within the vicinity of the site on the IPaC:

Species Name	Bird of Conservation Concern (BCC)	Seasonal Occurrence in Project Area
Wood Thrush (<i>Hylocichla mustelina</i>)	Yes	May through August

If construction is to occur during breeding season, a preconstruction nesting survey is recommended as a mitigation measure.

Natural Resources Site Evaluation

Sideling Hill ■ Brush Creek Township, PA
August 28, 2023 ■ Terracon Project No. J8237072



USFWS recommendations published in Revised Guidelines for Communication Tower Design, Siting, Construction, Operation, Retrofitting, and Decommissioning (2021) state the preferred tower height to decrease potential effects on migratory birds is less than 200 feet tall. Siting and design process for this project could not conform to all the USFWS recommendations; however, mitigating factors proposed for implementation at the site include the following: location in minimally sensitive areas and eliminating the need for guy wires.

Based on Terracon's analysis, reconnaissance, and agreement with the USFWS's Conservation measures, the proposed site activities are not anticipated to effect listed or proposed protected species or critical habitats.

Please feel free to contact our office at 856-813-3267 if you need additional information.

Sincerely,

Terracon Consultants, Inc.

A handwritten signature in cursive script, appearing to read 'Trevor Underwood'.

Trevor Underwood
Field Scientist

A handwritten signature in cursive script, appearing to read 'Paul DeAngelo'.

Paul DeAngelo
Senior Principal / Department Manager
Environmental

Attachments: Tower Site Evaluation Form
Topographic Site Location Map
National Wetlands Inventory Map
Site Plans
IPaC Report
PNDI Receipt

9. Dominant vegetative species in each habitat type: _____

10. Average diameter breast height of dominant tree species in forested areas: _____

11. Will construction cause fragmentation of a larger habitat into two or more smaller blocks? _____ If yes, describe: _____

12. Evidence of bird roosts or rookeries present? _____ If yes, describe: _____

13. Distance to nearest wetland area (swamp, marsh, riparian, marine, etc.), and coastline: _____

14. Distance to nearest telecommunications tower: _____

15. Potential to collocate antennas on existing towers or structures: _____

16. Have measures been incorporated to minimize impacts on migratory birds? _____
If yes, describe: _____

17. Has an evaluation been made to determine if the proposed facility may affect listed or proposed endangered or threatened species or their habitats as required by FCC regulation at 47 CFR 1.1307(a)(3)? Yes If yes, present findings: _____
No endangered or threatened species or critical habitats will be affected by the proposed project.

18. Additional information required: None

Please refer to Appendix B for Site Figures

Please refer to Appendix F for Site Photographs



United States Department of the Interior

FISH AND WILDLIFE SERVICE
Pennsylvania Ecological Services Field Office
110 Radnor Road Suite 101
State College, PA 16801-7987
Phone: (814) 234-4090 Fax: (814) 234-0748



In Reply Refer To:

August 03, 2023

Project Code: 2023-0112696

Project Name: Ambassador Towers Site Name: Sideling Hill

Subject: List of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2)(c)). For projects other than major construction activities, the Service suggests that a biological

evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

<http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF>

Migratory Birds: In addition to responsibilities to protect threatened and endangered species under the Endangered Species Act (ESA), there are additional responsibilities under the Migratory Bird Treaty Act (MBTA) and the Bald and Golden Eagle Protection Act (BGEPA) to protect native birds from project-related impacts. Any activity, intentional or unintentional, resulting in take of migratory birds, including eagles, is prohibited unless otherwise permitted by the U.S. Fish and Wildlife Service (50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)). For more information regarding these Acts see <https://www.fws.gov/birds/policies-and-regulations.php>.

The MBTA has no provision for allowing take of migratory birds that may be unintentionally killed or injured by otherwise lawful activities. It is the responsibility of the project proponent to comply with these Acts by identifying potential impacts to migratory birds and eagles within applicable NEPA documents (when there is a federal nexus) or a Bird/Eagle Conservation Plan (when there is no federal nexus). Proponents should implement conservation measures to avoid or minimize the production of project-related stressors or minimize the exposure of birds and their resources to the project-related stressors. For more information on avian stressors and recommended conservation measures see <https://www.fws.gov/birds/bird-enthusiasts/threats-to-birds.php>.

In addition to MBTA and BGEPA, Executive Order 13186: *Responsibilities of Federal Agencies to Protect Migratory Birds*, obligates all Federal agencies that engage in or authorize activities that might affect migratory birds, to minimize those effects and encourage conservation measures that will improve bird populations. Executive Order 13186 provides for the protection of both migratory birds and migratory bird habitat. For information regarding the implementation of Executive Order 13186, please visit <https://www.fws.gov/birds/policies-and-regulations/executive-orders/e0-13186.php>.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Code in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List
 - USFWS National Wildlife Refuges and Fish Hatcheries
 - Migratory Birds
 - Wetlands
-

OFFICIAL SPECIES LIST

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Pennsylvania Ecological Services Field Office

110 Radnor Road Suite 101
State College, PA 16801-7987
(814) 234-4090

PROJECT SUMMARY

Project Code: 2023-0112696

Project Name: Ambassador Towers Site Name: Sideling Hill

Project Type: Communication Tower New Construction

Project Description: Proposed 274-ft self-support telecommunications tower

Project Location:

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@39.852840799999996,-78.2180688647123,14z>



Counties: Fulton County, Pennsylvania

ENDANGERED SPECIES ACT SPECIES

There is a total of 5 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species. Note that 1 of these species should be considered only under certain conditions.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

-
1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

MAMMALS

NAME	STATUS
Indiana Bat <i>Myotis sodalis</i> There is final critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/5949	Endangered
Northern Long-eared Bat <i>Myotis septentrionalis</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9045	Endangered
Tricolored Bat <i>Perimyotis subflavus</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/10515	Proposed Endangered

INSECTS

NAME	STATUS
Monarch Butterfly <i>Danaus plexippus</i> No critical habitat has been designated for this species. This species only needs to be considered under the following conditions: <ul style="list-style-type: none"> ▪ The monarch is a candidate species and not yet listed or proposed for listing. There are generally no section 7 requirements for candidate species (FAQ found here: https://www.fws.gov/savethemonarch/FAQ-Section7.html). Species profile: https://ecos.fws.gov/ecp/species/9743	Candidate

FLOWERING PLANTS

NAME	STATUS
Northeastern Bulrush <i>Scirpus ancistrochaetus</i> Population: No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/6715	Endangered

CRITICAL HABITATS

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

YOU ARE STILL REQUIRED TO DETERMINE IF YOUR PROJECT(S) MAY HAVE EFFECTS ON ALL ABOVE LISTED SPECIES.

USFWS NATIONAL WILDLIFE REFUGE LANDS AND FISH HATCHERIES

Any activity proposed on lands managed by the [National Wildlife Refuge](#) system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

THERE ARE NO REFUGE LANDS OR FISH HATCHERIES WITHIN YOUR PROJECT AREA.

MIGRATORY BIRDS

Certain birds are protected under the Migratory Bird Treaty Act¹ and the Bald and Golden Eagle Protection Act².

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats should follow appropriate regulations and consider implementing appropriate conservation measures, as described [below](#).

-
1. The [Migratory Birds Treaty Act](#) of 1918.
 2. The [Bald and Golden Eagle Protection Act](#) of 1940.
 3. 50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)

The birds listed below are birds of particular concern either because they occur on the [USFWS Birds of Conservation Concern \(BCC\)](#) list or warrant special attention in your project location. To learn more about the levels of concern for birds on your list and how this list is generated, see the FAQ [below](#). This is not a list of every bird you may find in this location, nor a guarantee that every bird on this list will be found in your project area. To see exact locations of where birders and the general public have sighted birds in and around your project area, visit the [E-bird data mapping tool](#) (Tip: enter your location, desired date range and a species on your list). For projects that occur off the Atlantic Coast, additional maps and models detailing the relative occurrence and abundance of bird species on your list are available. Links to additional information about Atlantic Coast birds, and other important information about your migratory bird list, including how to properly interpret and use your migratory bird report, can be found [below](#).

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, click on the PROBABILITY OF PRESENCE SUMMARY at the top of your list to see when these birds are most likely to be present and breeding in your project area.

NAME	BREEDING SEASON
Wood Thrush <i>Hylocichla mustelina</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds May 10 to Aug 31

PROBABILITY OF PRESENCE SUMMARY

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read and understand the FAQ "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

Probability of Presence (■)

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

How is the probability of presence score calculated? The calculation is done in three steps:

1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.
2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is $0.25/0.25 = 1$; at week 20 it is $0.05/0.25 = 0.2$.
3. The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

Breeding Season (■)

Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort (|)

Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps. The number of surveys is expressed as a range, for example, 33 to 64 surveys.

No Data (—)

A week is marked as having no data if there were no survey events for that week.

Survey Timeframe

Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.

■ probability of presence ■ breeding season | survey effort — no data

SPECIES JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

Wood Thrush
BCC Rangewide
(CON)



Additional information can be found using the following links:

- Birds of Conservation Concern <https://www.fws.gov/program/migratory-birds/species>
- Measures for avoiding and minimizing impacts to birds <https://www.fws.gov/library/collections/avoiding-and-minimizing-incident-take-migratory-birds>
- Nationwide conservation measures for birds <https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf>

MIGRATORY BIRDS FAQ

Tell me more about conservation measures I can implement to avoid or minimize impacts to migratory birds.

[Nationwide Conservation Measures](#) describes measures that can help avoid and minimize impacts to all birds at any location year round. Implementation of these measures is particularly important when birds are most likely to occur in the project area. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is a very helpful impact minimization measure. To see when birds are most likely to occur and be breeding in your project area, view the Probability of Presence Summary. [Additional measures](#) or [permits](#) may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

What does IPaC use to generate the list of migratory birds that potentially occur in my specified location?

The Migratory Bird Resource List is comprised of USFWS [Birds of Conservation Concern \(BCC\)](#) and other species that may warrant special attention in your project location.

The migratory bird list generated for your project is derived from data provided by the [Avian Knowledge Network \(AKN\)](#). The AKN data is based on a growing collection of [survey, banding, and citizen science datasets](#) and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle ([Eagle Act](#) requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, please visit the [Rapid Avian Information Locator \(RAIL\) Tool](#).

What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?

The probability of presence graphs associated with your migratory bird list are based on data provided by the [Avian Knowledge Network \(AKN\)](#). This data is derived from a growing collection of [survey, banding, and citizen science datasets](#).

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

How do I know if a bird is breeding, wintering or migrating in my area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating or year-round), you may query your location using the [RAIL Tool](#) and look at the range maps provided for birds in your area at the bottom of the profiles provided for each bird in your results. If a bird on your migratory bird species list has a breeding season associated with it, if that bird does occur in your project area, there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

What are the levels of concern for migratory birds?

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

1. "BCC Rangewide" birds are [Birds of Conservation Concern](#) (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
2. "BCC - BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
3. "Non-BCC - Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the [Eagle Act](#) requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to try to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially eagles and BCC species of rangewide concern. For more information on conservation measures you can implement to help avoid and minimize migratory bird impacts and requirements for eagles, please see the FAQs for these topics.

Details about birds that are potentially affected by offshore projects

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the [Northeast Ocean Data Portal](#). The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the [NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf](#) project webpage.

Bird tracking data can also provide additional details about occurrence and habitat use throughout the year, including migration. Models relying on survey data may not include this information. For additional information on marine bird tracking data, see the [Diving Bird Study](#) and the [nanotag studies](#) or contact [Caleb Spiegel](#) or [Pam Loring](#).

What if I have eagles on my list?

If your project has the potential to disturb or kill eagles, you may need to [obtain a permit](#) to avoid violating the Eagle Act should such impacts occur.

Proper Interpretation and Use of Your Migratory Bird Report

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated, and see options for identifying what other birds may be in your project area, please see the FAQ "What does IPaC use to generate the migratory birds potentially occurring in my specified location". Please be aware this report provides the "probability of presence" of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please also look carefully at the survey effort (indicated by the black vertical bar) and for the existence of the "no data" indicator (a red horizontal bar). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list helps you know what to look for to confirm presence, and helps guide you in knowing when to implement conservation measures to avoid or minimize potential impacts from your project activities, should presence be confirmed. To learn more about conservation measures, visit the FAQ "Tell me about conservation measures I can implement to avoid or minimize impacts to migratory birds" at the bottom of your migratory bird trust resources page.

WETLANDS

Impacts to [NWI wetlands](#) and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local [U.S. Army Corps of Engineers District](#).

Please note that the NWI data being shown may be out of date. We are currently working to update our NWI data set. We recommend you verify these results with a site visit to determine the actual extent of wetlands on site.

WETLAND INFORMATION WAS NOT AVAILABLE WHEN THIS SPECIES LIST WAS GENERATED.
PLEASE VISIT [HTTPS://WWW.FWS.GOV/WETLANDS/DATA/MAPPER.HTML](https://www.fws.gov/wetlands/data/mapper.html) OR CONTACT THE FIELD OFFICE FOR FURTHER INFORMATION.

IPAC USER CONTACT INFORMATION

Agency: Private Entity
Name: Kathryn Eisele
Address: 844 N. Lenola Road
Address Line 2: Suite 1
City: Moorestown
State: NJ
Zip: 08057
Email: kathy.eisele@terracon.com
Phone: 8568133267

LEAD AGENCY CONTACT INFORMATION

Lead Agency: Federal Communications Commission

1. PROJECT INFORMATION

Project Name: **Ambassador Towers** Site Name: **Sideling Hill**

Date of Review: **8/21/2023 01:48:55 PM**

Project Category: **Communication, Cell or communication tower (include access roads in project area), new tower**

Project Area: **1.70 acres**

County(s): **Fulton**

Township/Municipality(s): **BRUSH CREEK TOWNSHIP**

ZIP Code:

Quadrangle Name(s): **NEEDMORE**

Watersheds HUC 8: **Conococheague-Opequon**

Watersheds HUC 12: **Little Tonoloway Creek(PA)**

Decimal Degrees: **39.852664, -78.218097**

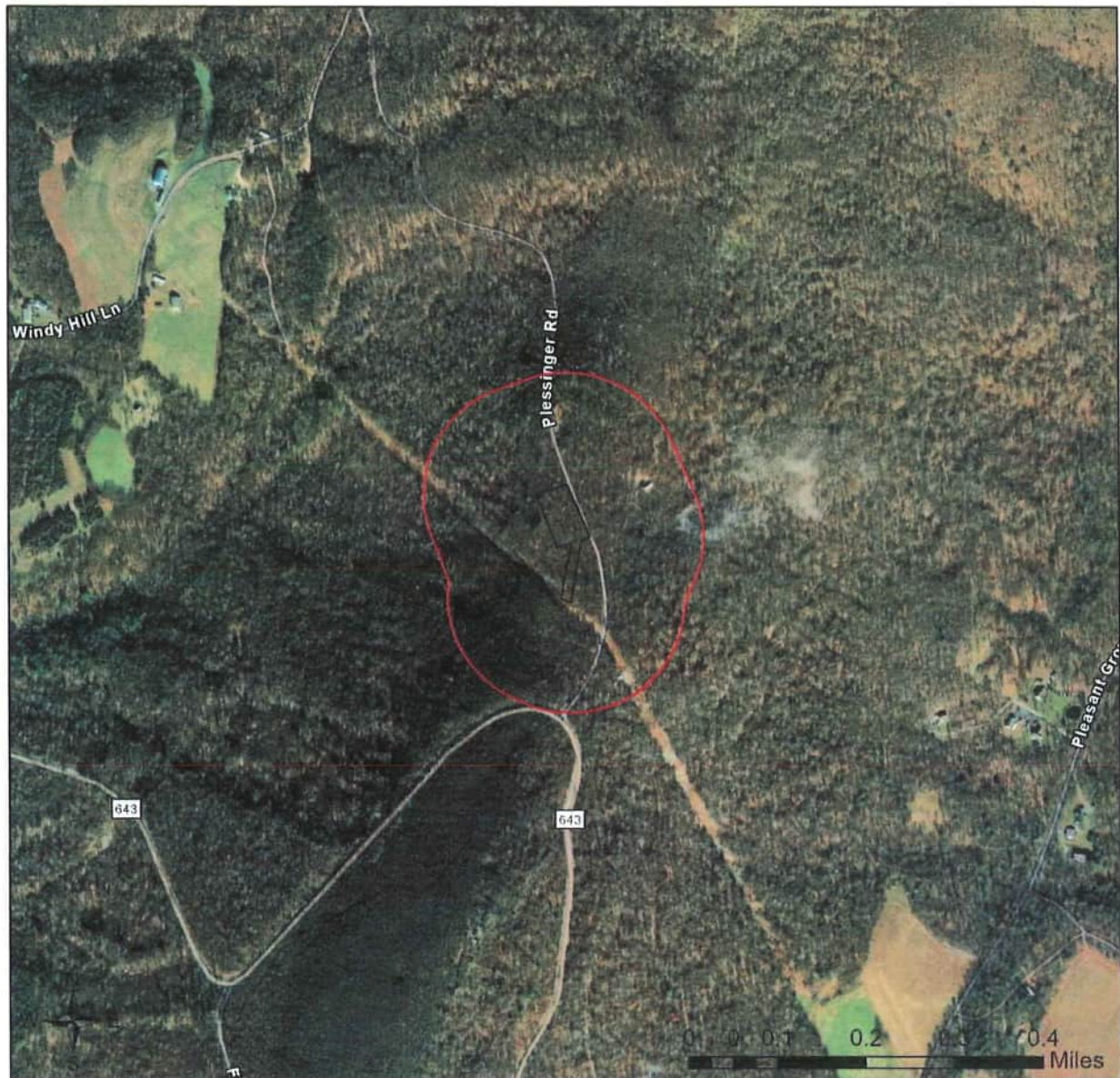
Degrees Minutes Seconds: **39° 51' 9.5919" N, 78° 13' 5.1499" W**

2. SEARCH RESULTS

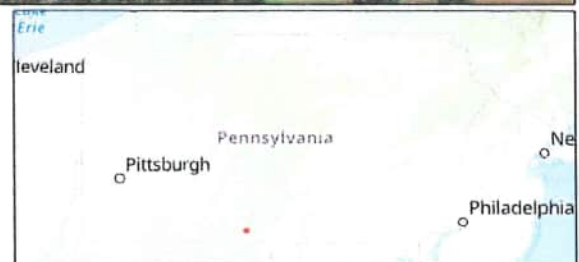
Agency	Results	Response
PA Game Commission	Conservation Measure	No Further Review Required, See Agency Comments
PA Department of Conservation and Natural Resources	No Known Impact	No Further Review Required
PA Fish and Boat Commission	No Known Impact	No Further Review Required
U.S. Fish and Wildlife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

As summarized above, Pennsylvania Natural Diversity Inventory (PNDI) records indicate there may be potential impacts to threatened and endangered and/or special concern species and resources within the project area. If the response above indicates "No Further Review Required" no additional communication with the respective agency is required. If the response is "Further Review Required" or "See Agency Response," refer to the appropriate agency comments below. Please see the DEP Information Section of this receipt if a PA Department of Environmental Protection Permit is required.

Ambassador Towers Site Name: Sideling Hill

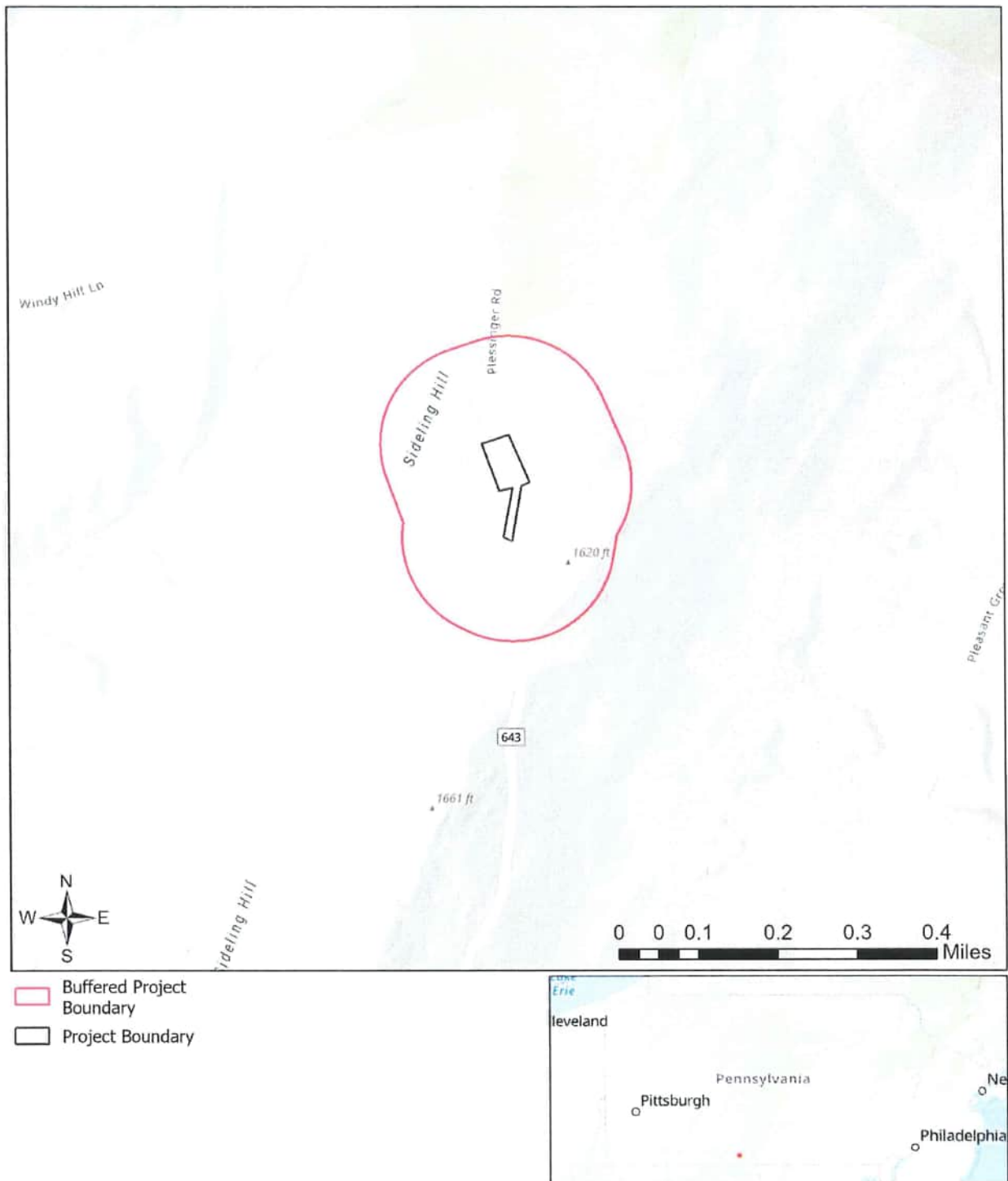


- Buffered Project Boundary
- Project Boundary



Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community

Ambassador Towers Site Name: Sideling Hill



Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community

RESPONSE TO QUESTION(S) ASKED

Q1: Is tree removal, tree cutting or forest clearing necessary to implement all aspects of this project?

Your answer is: Yes

Q2: How many acres of woodland, forest, forested fencerows and trees will be cut, cleared, removed, disturbed or flooded (inundated) as a result of carrying out all aspects or phases of this project? [Round acreages UP to the nearest acre (e.g., 0.2 acres = 1 acre).]

Your answer is: 1 to 10 acres

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:

Conservation Measure: Potential impacts to state and federally listed species which are under the jurisdiction of both the Pennsylvania Game Commission (PGC) and the U.S. Fish and Wildlife Service may occur as a result of this project. As a result, the PGC defers comments on potential impacts to federally listed species to the U.S. Fish and Wildlife Service. No further coordination with the Pennsylvania Game Commission is required at this time.

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.

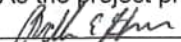
U.S. Fish and Wildlife Service

RESPONSE:

Avoidance Measure: The proposed project is located in the vicinity of northern long-eared bat spring staging/fall swarming habitat. To ensure take is not reasonably certain to occur, do not conduct tree removal from May 15 to August 15. The U.S. Fish and Wildlife Service determined take is not reasonably certain to occur from tree removal if activities are avoided during the pup season (i.e., the range of time when females are close to giving birth (i.e., two weeks prior to birth) and have non-volant (i.e., unable to fly) young). For more information, see the Interim Voluntary Guidance for the Northern Long-Eared Bat: Forest Habitat Modification, available here:

<https://www.fws.gov/library/collections/interim-habitat-modification-guidance>.

As the project proponent or applicant, I certify that I will implement the above Avoidance Measure:

 (Signature)

SPECIAL NOTE: If you agree to implement the above Avoidance Measure and if applicable, any Information Requests, no further coordination with this agency regarding threatened and endangered species and/or special concern species and resources is required. If you are not able to comply with the Avoidance Measures, you are required to coordinate with this agency - please send project information to this agency for review (see "What to Send" section).

WHAT TO SEND TO JURISDICTIONAL AGENCIES

If project information was requested by one or more of the agencies above, upload* or email the following information to the agency(s) (see AGENCY CONTACT INFORMATION). Instructions for uploading project materials can be found [here](#). This option provides the applicant with the convenience of sending project materials to a single location accessible to all three state agencies (but not USFWS).

*If information was requested by USFWS, applicants must email, or mail, project information to IR1_ESPenn@fws.gov to initiate a review. USFWS will not accept uploaded project materials.

Check-list of Minimum Materials to be submitted:

___ Project narrative with a description of the overall project, the work to be performed, current physical characteristics of the site and acreage to be impacted.

___ A map with the project boundary and/or a basic site plan (particularly showing the relationship of the project to the physical features such as wetlands, streams, ponds, rock outcrops, etc.)

In addition to the materials listed above, USFWS REQUIRES the following

___ **SIGNED** copy of a Final Project Environmental Review Receipt

The inclusion of the following information may expedite the review process.

___ Color photos keyed to the basic site plan (i.e. showing on the site plan where and in what direction each photo was taken and the date of the photos)

___ Information about the presence and location of wetlands in the project area, and how this was determined (e.g., by a qualified wetlands biologist), if wetlands are present in the project area, provide project plans showing the location of all project features, as well as wetlands and streams.

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. Two review options are available to permit applicants for handling PNDI coordination in conjunction with DEP's permit review process involving either T&E Species or species of special concern. Under sequential review, the permit applicant performs a PNDI screening and completes all coordination with the appropriate jurisdictional agencies prior to submitting the permit application. The applicant will include with its application, both a PNDI receipt and/or a clearance letter from the jurisdictional agency if the PNDI Receipt shows a Potential Impact to a species or the applicant chooses to obtain letters directly from the jurisdictional agencies. Under concurrent review, DEP, where feasible, will allow technical review of the permit to occur concurrently with the T&E species consultation with the jurisdictional agency. The applicant must still supply a copy of the PNDI Receipt with its permit application. The PNDI Receipt should also be submitted to the appropriate agency according to directions on the PNDI Receipt. The applicant and the jurisdictional agency will work together to resolve the potential impact(s). See the DEP PNDI policy at <https://conservationexplorer.dcnr.pa.gov/content/resources>.

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). 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
Email: RA-HeritageReview@pa.gov

PA Fish and Boat Commission

Division of Environmental Services
595 E. Rolling Ridge Dr., Bellefonte, PA 16823
Email: RA-FBPACENOTIFY@pa.gov

U.S. Fish and Wildlife Service

Pennsylvania Field Office
Endangered Species Section
110 Radnor Rd; Suite 101
State College, PA 16801
Email: IR1_ESPenn@fws.gov
NO Faxes Please

PA Game Commission

Bureau of Wildlife Management
Division of Environmental Review
2001 Elmerton Avenue, Harrisburg, PA 17110-9797
Email: RA-PGC_PNDI@pa.gov
NO Faxes Please

7. PROJECT CONTACT INFORMATION

Name: Art Horn
Company/Business Name: Upward Broadband
Address: 3105 Lincoln Highway East
City, State, Zip: Paradise PA 17562
Phone: (717) 809-7448 Fax: ()
Email: ArtHorn@UpwardBroadband.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.

Art E. Horn
applicant/project proponent signature

8/24/2023
date

*Waterfall New Tower
Section 7 Documentation*



844 N. Lenola Road, Suite 1
Moorestown, NJ 08057

P (856) 813-3281
F (856) 813-3279

Terracon.com

August 28, 2023

Ambassador Towers LLC
3105 Lincoln Highway East
Paradise, PA 17562

Re: Natural Resources Site Evaluation for a Telecommunications Site

To Whom It May Concern:

Terracon has completed a review of potential impacts to listed and proposed threatened/endangered species and critical habitats resulting from the proposed construction of a telecommunications site. The lead federal agency for this project is the National Telecommunications and Information Administration (NTIA). In addition to NTIA National Environmental Policy Act (NEPA) considerations, Federal Communications Commission's (FCC) regulations, as identified in 47CFR § 1.1307 (a) 3, are also included, which require that the effects of the proposed tower construction to protected species and critical habitats are considered. Findings in this report are based upon the site's current utilization, the most recent reconnaissance information and from other activities described herein; such information is subject to change. Basic site information is presented in the table below.

Site Name:	Waterfall
Terracon Project Number:	J8237072
Address:	3543 Blacks Mountain Road
City, County, State:	Taylor Twp (Waterfall), Fulton County, Pennsylvania 16689
Latitude / Longitude:	40° 7' 37.02" N / 78° 4' 46.45" W
Proposed Lease Area:	11,250 square feet
Proposed Tower Height:	199 feet, including attachments
Tower Type:	Self-support
Description of the site	Undeveloped, wooded land
Proposed Access Road:	30-foot by 300-foot access easement, and a 20-foot by 2,500-foot utility easement.
Description of the surrounding properties	Undeveloped, wooded land.
Description of wetlands or water bodies near the site	Based on a review of the National Wetlands Inventory (NWI) map and topographic maps, there are no mapped wetlands or surface waters within 500 feet of the proposed tower compound or easement.
Elevation and topography	1,644 feet above mean sea level. The topography in the immediate site area slopes steeply to the east.

The site consists of undeveloped, wooded land. The surrounding properties consist of undeveloped wooded land and Summit Road to the south of the site, followed by additional undeveloped wooded land.

According to the Natural Resource Conservation Service (NRCS) Web Soil Survey for Fulton County, Pennsylvania, the dominant soil type at the site is Hazleton-Dekalb complex (HRD). This soil type has no frequency of ponding, is well drained, and is not considered hydric soil by the NRCS.

Terracon conducted a preliminary review using the U.S. Fish and Wildlife Service (USFWS) Information, Planning and Conservation System (IPaC) Endangered Species Act species list to identify listed and proposed threatened and endangered species, as well as critical habitats that may be located on or near the project site.

According to the IPaC report, the following species have the potential to be present in the vicinity of the project area:

Taxon	Name	Species Habitat	Status
Mammal	Indiana Bat (<i>Myotis sodalist</i>)	Found in caves and in wooded land. During the winter, this species utilizes caves or abandoned mines. During summer, this species utilizes wooded areas where trees contain exfoliating bark of live trees or decaying bark of snag trees. (USFWS)	Endangered
	Northern Long-eared Bat (<i>Myotis septentrionalis</i>)	Found in caves and in wooded land. During the winter, this species utilizes caves or abandoned mines, called hibernacula. During summer, this species utilizes wooded areas where trees contain exfoliating bark of live trees or decaying bark of snag trees (USFWS).	Endangered
	Tricolored Bat (<i>Perimyotis subflavus</i>)	Found in forested landscapes, where they forage near trees (including forest perimeters) and along waterways. Maternity colonies also may utilize human-made structures (buildings, bridges, etc.) or tree cavities.	Proposed Endangered
Insect	Monarch Butterfly (<i>Danaus plexippus</i>)	Found in open prairies, meadows, and grasslands. Sometimes along roadsides and disturbed areas but almost always in the vicinity of milkweed populations. Breeding areas are virtually all patches of milkweed in North America and some other regions (NatureServe).	Candidate
Flowering Plant	Northeastern Bulrush (<i>Scirpus ancistrochaetus</i>)	Grows in wet areas – small wetlands, sinkhole ponds or wet depressions with seasonally fluctuating water levels (USFWS).	Endangered

There are no critical habitats documented at the site. There are no mapped critical habitats, wildlife refuges, or fish hatcheries mapped at the proposed tower location. The IPaC species list is attached at the end of this document.

Terracon also utilized the Pennsylvania Natural Diversity Inventory (PNDI) online database environmental review tool to further refine the environmental review process for both federally and Pennsylvania-state protected species. The PNDI system is managed by the Pennsylvania Department of Conservation and Natural Resources (DCNR) in order to build, maintain, and provide accurate and accessible ecological information needed for conservation, development planning, natural resources management, and for the protection of threatened and endangered species, special concern species,

and rare and significant ecological features. The PNDI environmental review tool analyzes proposed project footprints against known species locations and recommends conservation measures and other actions that may be needed to maintain compliance with the Federal Endangered Species Act, as well as, allied Pennsylvania state species protection laws.

Within Pennsylvania, the PNDI environmental review tool takes primacy in the project environmental review process over IPaC. The environmental review tool is utilized to coordinate concurrent project reviews with the DCNR, the Pennsylvania Fish and Boat Commission (PFBC), the Pennsylvania Game Commission (PGC), and the USFWS.

The PNDI environmental review tool project response indicates the DCNR & PFBC concluded: No Impact is anticipated to threatened and endangered species and/or special concern species and resources. Therefore, no further coordination is required with these state jurisdictional agencies.

The PGC responded: Potential impacts to state and federally listed species which are under the jurisdiction of both the Pennsylvania Game Commission (PGC) and the U.S. Fish and Wildlife Service may occur as a result of this project. As a result, the PGC defers comments on potential impacts to federally listed species to the U.S. Fish and Wildlife Service. No further coordination with the Pennsylvania Game Commission is required at this time.

The USFWS responded: The proposed project is located in the vicinity of northern long-eared bat spring staging/fall swarming habitat. To ensure take is not reasonably certain to occur, do not conduct tree removal from May 15 to August 15. The U.S. Fish and Wildlife Service determined take is not reasonably certain to occur from tree removal if activities are avoided during the pup season (i.e., the range of time when females are close to giving birth (i.e., two weeks prior to birth) and have non-volant (i.e., unable to fly) young).

Based on a review of the habitat for the above-listed species, compared to an analysis of the habitat present on the site location, and the implementation of the referenced USFWS precautions, it is not anticipated that the proposed telecommunications tower will affect listed or proposed protected species or critical habitats.

The Migratory Bird Treaty Act of 1918 (MBTA) decrees that migratory birds and their parts (including eggs, nests, and feathers) are federally protected. The MBTA is the domestic law that affirms, or implements, the United States' commitment to four international conventions (with Canada, Japan, Mexico, and Russia) for the protection of a shared migratory bird resource. Each of the conventions protect selected species of birds that are common to these countries (i.e., they occur in these countries at some point during their annual life cycle). The following migratory birds of concern were identified within the vicinity of the site on the IPaC:

Species Name	Bird of Conservation Concern (BCC)	Seasonal Occurrence in Project Area
Bald Eagle (<i>Haliaeetus leucocephalus</i>)	No	January through December
Black-billed Cuckoo (<i>Coccyzus erythrophthalmus</i>)	Yes	May through October
Black-capped Chickadee (<i>Poecile atricapillus</i>)	Yes	April through July
Bobolink	Yes	May through July

Species Name	Bird of Conservation Concern (BCC)	Seasonal Occurrence in Project Area
(Dolichonyx orzivorus)		
Chimney Swift (Chaetura pelagica)	Yes	March through August
Eastern Whip-poor-will (Antrostomus vociferus)	Yes	May through August
Red-headed Woodpecker (Melanerpes erythrocephalus)	Yes	May through September
Wood Thrush (Hylocichla mustelina)	Yes	May through August

If construction is to occur during breeding season, a preconstruction nesting survey is recommended as a mitigation measure.

USFWS recommendations published in Revised Guidelines for Communication Tower Design, Siting, Construction, Operation, Retrofitting, and Decommissioning (2021) state the preferred tower height to decrease potential effects on migratory birds is less than 200 feet tall. Siting and design process for this project could not conform to all the USFWS recommendations; however, mitigating factors proposed for implementation at the site include the following: limiting the tower height to 199 feet, location in minimally sensitive areas, and eliminating the need for guy wires.

Based on Terracon's analysis, reconnaissance, and agreement with the USFWS's Conservation measures, the proposed site activities are not anticipated to effect listed or proposed protected species or critical habitats. No further coordination is required with jurisdictional agencies.

Please feel free to contact our office at 856-813-3267 if you need additional information.

Sincerely,
 Terracon Consultants, Inc.



Trevor Underwood
 Field Scientist



Paul DeAngelo
 Senior Principal / Department Manager
 Environmental

Attachments: Tower Site Evaluation Form
 Topographic Site Location Map
 National Wetlands Inventory Map
 Site Plans
 IPaC Report
 PNDI Receipt

9. Dominant vegetative species in each habitat type: _____

10. Average diameter breast height of dominant tree species in forested areas: _____

11. Will construction cause fragmentation of a larger habitat into two or more smaller blocks? _____ If yes, describe: _____

12. Evidence of bird roosts or rookeries present? _____ If yes, describe: _____

13. Distance to nearest wetland area (swamp, marsh, riparian, marine, etc.), and coastline: _____

14. Distance to nearest telecommunications tower: _____

15. Potential to collocate antennas on existing towers or structures: _____

16. Have measures been incorporated to minimize impacts on migratory birds? _____
If yes, describe: _____

17. Has an evaluation been made to determine if the proposed facility may affect listed or proposed endangered or threatened species or their habitats as required by FCC regulation at 47 CFR 1.1307(a)(3)? Yes If yes, present findings: _____
No endangered or threatened species or critical habitats will be affected by the proposed project.

18. Additional information required: None

Please refer to Appendix B for Site Figures

Please refer to Appendix F for Site Photographs



United States Department of the Interior

FISH AND WILDLIFE SERVICE
Pennsylvania Ecological Services Field Office
110 Radnor Road Suite 101
State College, PA 16801-7987
Phone: (814) 234-4090 Fax: (814) 234-0748



In Reply Refer To:

August 14, 2023

Project Code: 2023-0113213

Project Name: Ambassador Towers Site Name: Waterfall

Subject: List of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2)(c)). For projects other than major construction activities, the Service suggests that a biological

evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

<http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF>

Migratory Birds: In addition to responsibilities to protect threatened and endangered species under the Endangered Species Act (ESA), there are additional responsibilities under the Migratory Bird Treaty Act (MBTA) and the Bald and Golden Eagle Protection Act (BGEPA) to protect native birds from project-related impacts. Any activity, intentional or unintentional, resulting in take of migratory birds, including eagles, is prohibited unless otherwise permitted by the U.S. Fish and Wildlife Service (50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)). For more information regarding these Acts see <https://www.fws.gov/birds/policies-and-regulations.php>.

The MBTA has no provision for allowing take of migratory birds that may be unintentionally killed or injured by otherwise lawful activities. It is the responsibility of the project proponent to comply with these Acts by identifying potential impacts to migratory birds and eagles within applicable NEPA documents (when there is a federal nexus) or a Bird/Eagle Conservation Plan (when there is no federal nexus). Proponents should implement conservation measures to avoid or minimize the production of project-related stressors or minimize the exposure of birds and their resources to the project-related stressors. For more information on avian stressors and recommended conservation measures see <https://www.fws.gov/birds/bird-enthusiasts/threats-to-birds.php>.

In addition to MBTA and BGEPA, Executive Order 13186: *Responsibilities of Federal Agencies to Protect Migratory Birds*, obligates all Federal agencies that engage in or authorize activities that might affect migratory birds, to minimize those effects and encourage conservation measures that will improve bird populations. Executive Order 13186 provides for the protection of both migratory birds and migratory bird habitat. For information regarding the implementation of Executive Order 13186, please visit <https://www.fws.gov/birds/policies-and-regulations/executive-orders/e0-13186.php>.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Code in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List
- USFWS National Wildlife Refuges and Fish Hatcheries
- Migratory Birds
- Wetlands

OFFICIAL SPECIES LIST

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Pennsylvania Ecological Services Field Office

110 Radnor Road Suite 101

State College, PA 16801-7987

(814) 234-4090

PROJECT SUMMARY

Project Code: 2023-0113213

Project Name: Ambassador Towers Site Name: Waterfall

Project Type: Communication Tower New Construction

Project Description: Proposed 199-ft self-support telecommunications tower

Project Location:

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@40.124688649999996,-78.07724767265059,14z>



Counties: Fulton County, Pennsylvania

ENDANGERED SPECIES ACT SPECIES

There is a total of 5 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

-
1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

MAMMALS

NAME	STATUS
Indiana Bat <i>Myotis sodalis</i> There is final critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/5949	Endangered
Northern Long-eared Bat <i>Myotis septentrionalis</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9045	Endangered
Tricolored Bat <i>Perimyotis subflavus</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/10515	Proposed Endangered

INSECTS

NAME	STATUS
Monarch Butterfly <i>Danaus plexippus</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9743	Candidate

FLOWERING PLANTS

NAME	STATUS
Northeastern Bulrush <i>Scirpus ancistrochaetus</i>	Endangered
Population:	
No critical habitat has been designated for this species.	
Species profile: https://ecos.fws.gov/ecp/species/6715	

CRITICAL HABITATS

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

YOU ARE STILL REQUIRED TO DETERMINE IF YOUR PROJECT(S) MAY HAVE EFFECTS ON ALL ABOVE LISTED SPECIES.

USFWS NATIONAL WILDLIFE REFUGE LANDS AND FISH HATCHERIES

Any activity proposed on lands managed by the [National Wildlife Refuge](#) system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

THERE ARE NO REFUGE LANDS OR FISH HATCHERIES WITHIN YOUR PROJECT AREA.

MIGRATORY BIRDS

Certain birds are protected under the Migratory Bird Treaty Act¹ and the Bald and Golden Eagle Protection Act².

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats should follow appropriate regulations and consider implementing appropriate conservation measures, as described [below](#).

-
1. The [Migratory Birds Treaty Act](#) of 1918.
 2. The [Bald and Golden Eagle Protection Act](#) of 1940.
 3. 50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)

The birds listed below are birds of particular concern either because they occur on the [USFWS Birds of Conservation Concern \(BCC\)](#) list or warrant special attention in your project location. To learn more about the levels of concern for birds on your list and how this list is generated, see the FAQ [below](#). This is not a list of every bird you may find in this location, nor a guarantee that every bird on this list will be found in your project area. To see exact locations of where birders and the general public have sighted birds in and around your project area, visit the [E-bird data mapping tool](#) (Tip: enter your location, desired date range and a species on your list). For projects that occur off the Atlantic Coast, additional maps and models detailing

the relative occurrence and abundance of bird species on your list are available. Links to additional information about Atlantic Coast birds, and other important information about your migratory bird list, including how to properly interpret and use your migratory bird report, can be found [below](#).

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, click on the PROBABILITY OF PRESENCE SUMMARY at the top of your list to see when these birds are most likely to be present and breeding in your project area.

NAME	BREEDING SEASON
Bald Eagle <i>Haliaeetus leucocephalus</i> This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.	Breeds Sep 1 to Aug 31
Black-billed Cuckoo <i>Coccyzus erythrophthalmus</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9399	Breeds May 15 to Oct 10
Black-capped Chickadee <i>Poecile atricapillus praticus</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA	Breeds Apr 10 to Jul 31
Bobolink <i>Dolichonyx oryzivorus</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds May 20 to Jul 31
Chimney Swift <i>Chaetura pelagica</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds Mar 15 to Aug 25
Eastern Whip-poor-will <i>Antrostomus vociferus</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds May 1 to Aug 20
Red-headed Woodpecker <i>Melanerpes erythrocephalus</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds May 10 to Sep 10
Wood Thrush <i>Hylocichla mustelina</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds May 10 to Aug 31

PROBABILITY OF PRESENCE SUMMARY

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read and understand the

FAQ "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

Probability of Presence (■)

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

How is the probability of presence score calculated? The calculation is done in three steps:

1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.
2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is $0.25/0.25 = 1$; at week 20 it is $0.05/0.25 = 0.2$.
3. The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

Breeding Season (■)

Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort (|)

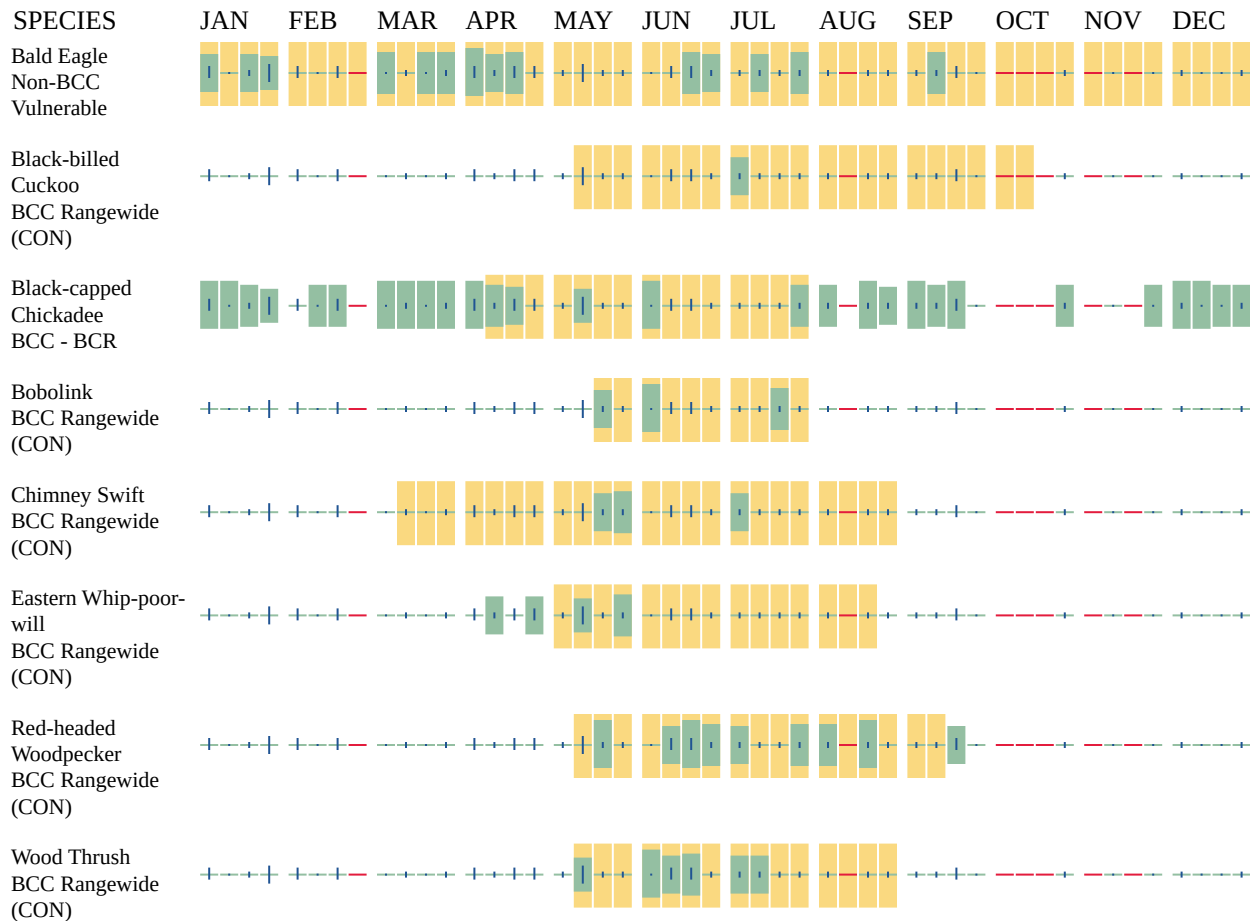
Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps. The number of surveys is expressed as a range, for example, 33 to 64 surveys.

No Data (—)

A week is marked as having no data if there were no survey events for that week.

Survey Timeframe

Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.



Additional information can be found using the following links:

- Birds of Conservation Concern <https://www.fws.gov/program/migratory-birds/species>
- Measures for avoiding and minimizing impacts to birds <https://www.fws.gov/library/collections/avoiding-and-minimizing-incidental-take-migratory-birds>
- Nationwide conservation measures for birds <https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf>

MIGRATORY BIRDS FAQ

Tell me more about conservation measures I can implement to avoid or minimize impacts to migratory birds.

[Nationwide Conservation Measures](#) describes measures that can help avoid and minimize impacts to all birds at any location year round. Implementation of these measures is particularly important when birds are most likely to occur in the project area. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is a very helpful impact minimization measure. To see when birds are most likely to occur and be breeding in your project area, view the Probability of Presence Summary. [Additional measures](#) or [permits](#)

may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

What does IPaC use to generate the list of migratory birds that potentially occur in my specified location?

The Migratory Bird Resource List is comprised of USFWS [Birds of Conservation Concern \(BCC\)](#) and other species that may warrant special attention in your project location.

The migratory bird list generated for your project is derived from data provided by the [Avian Knowledge Network \(AKN\)](#). The AKN data is based on a growing collection of [survey, banding, and citizen science datasets](#) and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle ([Eagle Act](#) requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, please visit the [Rapid Avian Information Locator \(RAIL\) Tool](#).

What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?

The probability of presence graphs associated with your migratory bird list are based on data provided by the [Avian Knowledge Network \(AKN\)](#). This data is derived from a growing collection of [survey, banding, and citizen science datasets](#).

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

How do I know if a bird is breeding, wintering or migrating in my area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating or year-round), you may query your location using the [RAIL Tool](#) and look at the range maps provided for birds in your area at the bottom of the profiles provided for each bird in your results. If a bird on your migratory bird species list has a breeding season associated with it, if that bird does occur in your project area, there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

What are the levels of concern for migratory birds?

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

1. "BCC Rangewide" birds are [Birds of Conservation Concern](#) (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
-

2. "BCC - BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
3. "Non-BCC - Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the [Eagle Act](#) requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to try to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially eagles and BCC species of rangewide concern. For more information on conservation measures you can implement to help avoid and minimize migratory bird impacts and requirements for eagles, please see the FAQs for these topics.

Details about birds that are potentially affected by offshore projects

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the [Northeast Ocean Data Portal](#). The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the [NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf](#) project webpage.

Bird tracking data can also provide additional details about occurrence and habitat use throughout the year, including migration. Models relying on survey data may not include this information. For additional information on marine bird tracking data, see the [Diving Bird Study](#) and the [nanotag studies](#) or contact [Caleb Spiegel](#) or [Pam Loring](#).

What if I have eagles on my list?

If your project has the potential to disturb or kill eagles, you may need to [obtain a permit](#) to avoid violating the Eagle Act should such impacts occur.

Proper Interpretation and Use of Your Migratory Bird Report

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated, and see options for identifying what other birds may be in your project area, please see the FAQ "What does IPaC use to generate the migratory birds potentially occurring in my specified location". Please be aware this report provides the "probability of presence" of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please also look carefully at the survey effort (indicated by the black vertical bar) and for the existence of the "no data" indicator (a red horizontal bar). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list helps you know what to look for to confirm presence, and helps guide you in knowing when to implement conservation measures to avoid or minimize potential impacts from your project activities,

should presence be confirmed. To learn more about conservation measures, visit the FAQ "Tell me about conservation measures I can implement to avoid or minimize impacts to migratory birds" at the bottom of your migratory bird trust resources page.

WETLANDS

Impacts to [NWI wetlands](#) and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local [U.S. Army Corps of Engineers District](#).

Please note that the NWI data being shown may be out of date. We are currently working to update our NWI data set. We recommend you verify these results with a site visit to determine the actual extent of wetlands on site.

THERE ARE NO WETLANDS WITHIN YOUR PROJECT AREA.

IPAC USER CONTACT INFORMATION

Agency: Private Entity
Name: Kathryn Eisele
Address: 844 N. Lenola Road
Address Line 2: Suite 1
City: Moorestown
State: NJ
Zip: 08057
Email: kathy.eisele@terracon.com
Phone: 8568133267

LEAD AGENCY CONTACT INFORMATION

Lead Agency: Federal Communications Commission

1. PROJECT INFORMATION

Project Name: **Ambassador Towers** Site Name: **Waterfall**

Date of Review: **8/21/2023 01:17:32 PM**

Project Category: **Communication, Cell or communication tower (include access roads in project area), new tower**

Project Area: **30.79 acres**

County(s): **Fulton**

Township/Municipality(s): **TAYLOR TOWNSHIP; WELLS TOWNSHIP**

ZIP Code:

Quadrangle Name(s): **HUSTONTOWN; SALTILLO**

Watersheds HUC 8: **Lower Juniata**

Watersheds HUC 12: **Lower Sideling Hill Creek**

Decimal Degrees: **40.124874, -78.077490**

Degrees Minutes Seconds: **40° 7' 29.5467" N, 78° 4' 38.9627" W**

2. SEARCH RESULTS

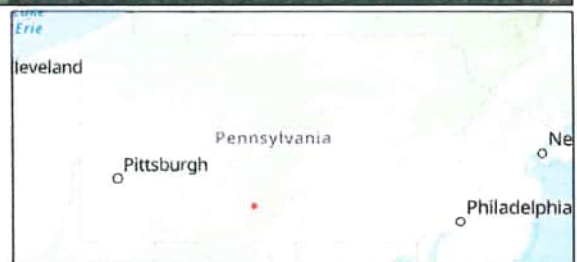
Agency	Results	Response
PA Game Commission	Conservation Measure	No Further Review Required, See Agency Comments
PA Department of Conservation and Natural Resources	No Known Impact	No Further Review Required
PA Fish and Boat Commission	No Known Impact	No Further Review Required
U.S. Fish and Wildlife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

As summarized above, Pennsylvania Natural Diversity Inventory (PNDI) records indicate there may be potential impacts to threatened and endangered and/or special concern species and resources within the project area. If the response above indicates "No Further Review Required" no additional communication with the respective agency is required. If the response is "Further Review Required" or "See Agency Response," refer to the appropriate agency comments below. Please see the DEP Information Section of this receipt if a PA Department of Environmental Protection Permit is required.

Ambassador Towers Site Name: Waterfall

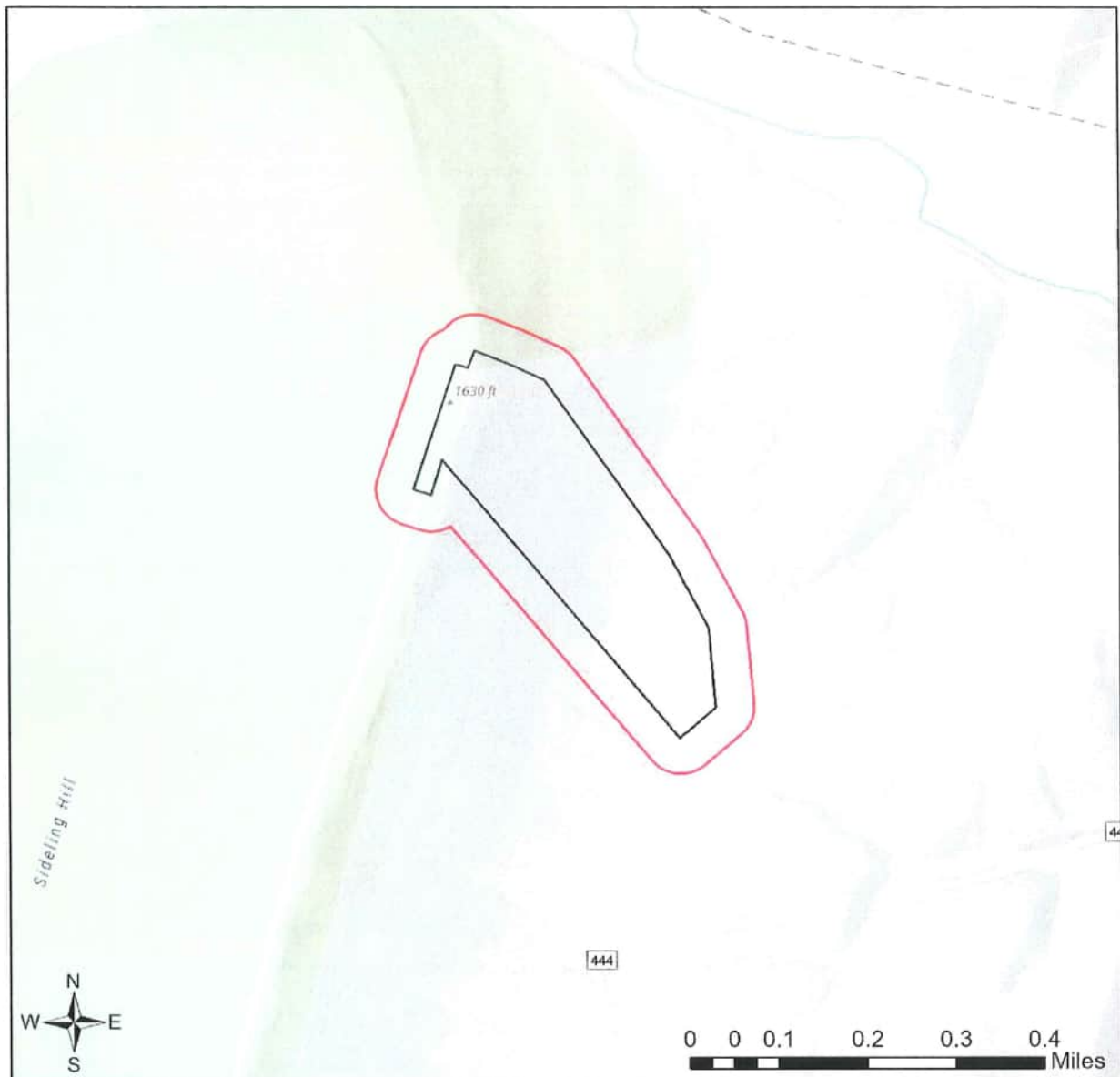


- Buffered Project Boundary
- Project Boundary

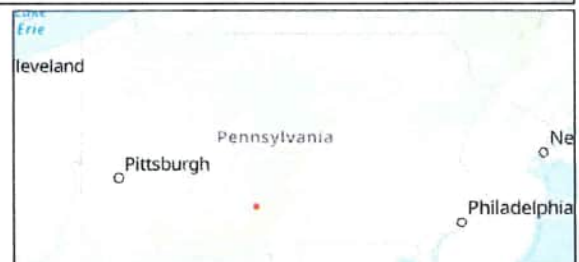


Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community

Ambassador Towers Site Name: Waterfall



- Buffered Project Boundary
- Project Boundary



Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community

RESPONSE TO QUESTION(S) ASKED

Q1: Is tree removal, tree cutting or forest clearing necessary to implement all aspects of this project?

Your answer is: Yes

Q2: How many acres of woodland, forest, forested fencerows and trees will be cut, cleared, removed, disturbed or flooded (inundated) as a result of carrying out all aspects or phases of this project? [Round acreages UP to the nearest acre (e.g., 0.2 acres = 1 acre).]

Your answer is: 1 to 10 acres

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:

Conservation Measure: Potential impacts to state and federally listed species which are under the jurisdiction of both the Pennsylvania Game Commission (PGC) and the U.S. Fish and Wildlife Service may occur as a result of this project. As a result, the PGC defers comments on potential impacts to federally listed species to the U.S. Fish and Wildlife Service. No further coordination with the Pennsylvania Game Commission is required at this time.

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:

Avoidance Measure: The proposed project is located in the vicinity of northern long-eared bat spring staging/fall swarming habitat. To ensure take is not reasonably certain to occur, do not conduct tree removal from May 15 to August 15. The U.S. Fish and Wildlife Service determined take is not reasonably certain to occur from tree removal if activities are avoided during the pup season (i.e., the range of time when females are close to giving birth (i.e., two weeks prior to birth) and have non-volant (i.e., unable to fly) young). For more information, see the Interim Voluntary Guidance for the Northern Long-Eared Bat: Forest Habitat Modification, available here:
<https://www.fws.gov/library/collections/interim-habitat-modification-guidance>.

As the project proponent or applicant, I certify that I will implement the above Avoidance Measure:

 (Signature)

SPECIAL NOTE: If you agree to implement the above Avoidance Measure and if applicable, any Information Requests, no further coordination with this agency regarding threatened and endangered species and/or special concern species and resources is required. If you are not able to comply with the Avoidance Measures, you are required to coordinate with this agency - please send project information to this agency for review (see "What to Send" section).

WHAT TO SEND TO JURISDICTIONAL AGENCIES

If project information was requested by one or more of the agencies above, upload* or email the following information to the agency(s) (see AGENCY CONTACT INFORMATION). Instructions for uploading project materials can be found [here](#). This option provides the applicant with the convenience of sending project materials to a single location accessible to all three state agencies (but not USFWS).

*If information was requested by USFWS, applicants must email, or mail, project information to IR1_ESPenn@fws.gov to initiate a review. USFWS will not accept uploaded project materials.

Check-list of Minimum Materials to be submitted:

____ Project narrative with a description of the overall project, the work to be performed, current physical characteristics of the site and acreage to be impacted.

____ A map with the project boundary and/or a basic site plan (particularly showing the relationship of the project to the physical features such as wetlands, streams, ponds, rock outcrops, etc.)

In addition to the materials listed above, USFWS REQUIRES the following

____ **SIGNED** copy of a Final Project Environmental Review Receipt

The inclusion of the following information may expedite the review process.

____ Color photos keyed to the basic site plan (i.e. showing on the site plan where and in what direction each photo was taken and the date of the photos)

____ Information about the presence and location of wetlands in the project area, and how this was determined (e.g., by a qualified wetlands biologist), if wetlands are present in the project area, provide project plans showing the location of all project features, as well as wetlands and streams.

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. Two review options are available to permit applicants for handling PNDI coordination in conjunction with DEP's permit review process involving either T&E Species or species of special concern. Under sequential review, the permit applicant performs a PNDI screening and completes all coordination with the appropriate jurisdictional agencies prior to submitting the permit application. The applicant will include with its application, both a PNDI receipt and/or a clearance letter from the jurisdictional agency if the PNDI Receipt shows a Potential Impact to a species or the applicant chooses to obtain letters directly from the jurisdictional agencies. Under concurrent review, DEP, where feasible, will allow technical review of the permit to occur concurrently with the T&E species consultation with the jurisdictional agency. The applicant must still supply a copy of the PNDI Receipt with its permit application. The PNDI Receipt should also be submitted to the appropriate agency according to directions on the PNDI Receipt. The applicant and the jurisdictional agency will work together to resolve the potential impact(s). See the DEP PNDI policy at <https://conservationexplorer.dcnr.pa.gov/content/resources>.

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). 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
Email: RA-HeritageReview@pa.gov

PA Fish and Boat Commission

Division of Environmental Services
595 E. Rolling Ridge Dr., Bellefonte, PA 16823
Email: RA-FBPACENOTIFY@pa.gov

U.S. Fish and Wildlife Service

Pennsylvania Field Office
Endangered Species Section
110 Radnor Rd; Suite 101
State College, PA 16801
Email: IR1_ESPenn@fws.gov
NO Faxes Please

PA Game Commission

Bureau of Wildlife Management
Division of Environmental Review
2001 Elmerton Avenue, Harrisburg, PA 17110-9797
Email: RA-PGC_PNDI@pa.gov
NO Faxes Please

7. PROJECT CONTACT INFORMATION

Name: Art Horn
Company/Business Name: Upward Broadband
Address: 305 Lincoln Highway East
City, State, Zip: Paradise, PA 17562
Phone: (717) 809-7448 Fax: ()
Email: ARTHORN@UPWARDBROADBAND.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.

Art Horn
applicant/project proponent signature

8-25-2023
date

APPENDIX E

Hustontown Collocation
Section 106 Documentation

Notification Date:

File Number:

General Information

1) (Select only one) (NE) NE – New UA – Update of Application WD – Withdrawal of Application	
2) If this application is for an Update or Withdrawal, enter the file number of the pending application currently on file.	File Number:

Applicant Information

3) FCC Registration Number (FRN): 0033898511
4) Name: Ambassador Towers LLC

Contact Name

5) First Name: Ben	6) MI:	7) Last Name: Momose	8) Suffix:
9) Title: NEPA Regulatory Compliance			

Contact Information

10) P.O. Box:	And /Or	11) Street Address: 3105 Lincoln Highway East	
12) City: Paradise		13) State: PA	14) Zip Code: 17562
15) Telephone Number: (210)448-2623		16) Fax Number:	
17) E-mail Address: bmomose@upwardbroadband.com			

Consultant Information

18) FCC Registration Number (FRN): 0028057495
19) Name: Terracon Consultants

Principal Investigator

20) First Name: Suzanne	21) MI:	22) Last Name: Reece	23) Suffix:
24) Title:			

Principal Investigator Contact Information

25) P.O. Box:	And /Or	26) Street Address: 844 N. Lenola Road	
27) City: Moorestown		28) State: NJ	29) Zip Code: 08057
30) Telephone Number: (856)813-3267		31) Fax Number:	
32) E-mail Address: Kathy.Eisele@Terracon.com			

Professional Qualification

33) Does the Principal Investigator satisfy the Secretary of the Interior's Professional Qualification Standards?	(<input checked="" type="checkbox"/>) <u>Y</u> es () <u>N</u> o
34) Areas of Professional Qualification: () Archaeologist () Architectural Historian (<input checked="" type="checkbox"/>) Historian () Architect () Other (Specify) _____	

Additional Staff

35) Are there other staff involved who meet the Professional Qualification Standards of the Secretary of the Interior?	() <u>Y</u> es (<input checked="" type="checkbox"/>) <u>N</u> o
--	--

If "YES," complete the following:

36) First Name:	37) MI:	38) Last Name:	39) Suffix:
40) Title:			
41) Areas of Professional Qualification: () Archaeologist () Architectural Historian () Historian () Architect () Other (Specify) _____			

Site Information

Tower Construction Notification System

1) TCNS Notification Number: **NTIA TCNS No. 270470**

Site Information

2) Positive Train Control Filing Subject to Expedited Treatment Under Program Comment: () Yes (**X**) No

3) Site Name: **Hustontown**

4) Site Address: **9290 Waterfall Road**

5) Detailed Description of Project:

Collocation of antennas on existing tower and installation of associated equipment within existing tower compound.

6) City: **Dublin Township**

7) State: **PA**

8) Zip Code: **17229**

9) County/Borough/Parish: **FULTON**

10) Nearest Crossroads: **Route 434 and Waterfall Road**

11) **NAD 83** Latitude (DD-MM-SS.S): **40-02-29.0** (**X**) N or () S

12) **NAD 83** Longitude (DD-MM-SS.S): **078-00-02.1** () E or (**X**) W

Collocation Information

13) Antennas will be located on (Select One):

(**X**) Communications Tower (Select One): (**X**) Guyed Lattice Tower () Self-supporting Lattice () Monopole

() Other (Describe): _____

() Non-Tower Structure (Describe Structure): _____

14) Tower height above ground level (including top-mounted attachments such as lightning rods): **405.0** (**X**) Feet () Meters

15) Description of Antennas to be collocated (e.g. number, type, shape, dimensions, color):

Antenna arrays are to be determined

16) Will the Antennas be placed at multiple levels on the structure?

() Yes (**X**) No

If "Yes", describe placement:

If "No", specify the height of collocation above ground: **264.0** (**X**) Feet () Meters

17) Structure Completion Year: **2009** (YYYY)

(**X**) Check here if your year provided is approximate.

18) Has the Communications Tower or Non-Tower Structure been the subject of SHPO/THPO review? If "Yes", specify the following: Company that made the submission: _____ Date submitted: _____ SHPO/THPO Reference Number: _____	() <u>Y</u> es (X) <u>N</u> o
19) Is the Communications Tower or Non-Tower Structure eligible for listing on the National Register?	() <u>Y</u> es (X) <u>N</u> o

Collocation Status

20) Current Collocation Status (Select One): (X) Construction and/or installation has not yet commenced () Construction and/or installation has commenced, but is not completed Construction and/or installation commenced on: _____ () Construction has been completed Construction and/or installation commenced on: _____ Construction and/or installation completed on: _____

Determination of Effect

21) Direct Effects (Select One): (X) No Historic Properties in Area of Potential Effects (APE) () No Effect on Historic Properties in APE () No Adverse Effect on Historic Properties in APE () Adverse Effect on one or more Historic Properties in APE
22) Visual Effects (Select One): (X) No Historic Properties in Area of Potential Effects (APE) () No Effect on Historic Properties in APE () No Adverse Effect on Historic Properties in APE () Adverse Effect on one or more Historic Properties in APE

Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultural significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects?	(<input checked="" type="checkbox"/>) <u>Y</u> es () <u>N</u> o
2a) Tribes/NHOs contacted through TCNS Notification Number: _____ Number of Tribes/NHOs: <u>0</u>	
2b) Tribes/NHOs contacted through an alternate system: NTIA TCNS No. 270470 Number of Tribes/NHOs: <u>13</u>	

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name:

Contact Name

5) First Name:	6) MI:	7) Last Name:	8) Suffix:
9) Title:			

Dates & Response

10) Date Contacted _____	11) Date Replied _____
() No Reply	
() Replied/No Interest	
() Replied/Have Interest	
() Replied/Other	

Other Tribes/NHOs Contacted

Tribe/NHO Information

1) FCC Registration Number (FRN):
2) Name:

Contact Name

3) First Name:	4) MI:	5) Last Name:	6) Suffix:
7) Title:			

Contact Information

8) P.O. Box:	And /Or	9) Street Address:	
10) City:		11) State:	12) Zip Code:
13) Telephone Number:		14) Fax Number:	
15) E-mail Address:			
16) Preferred means of communication: () E-mail () Letter () Both			

Dates & Response

17) Date Contacted _____	18) Date Replied _____
() No Reply	
() Replied/No Interest	
() Replied/Have Interest	
() Replied/Other	

Historic Properties

Properties Identified

1) Have any historic properties been identified within the APEs for direct and visual effect?	() <u>Y</u> es (X) <u>N</u> o
2) Has the identification process located archaeological materials that would be directly affected, or sites that are of cultural or religious significance to Tribes/NHOs?	() <u>Y</u> es (X) <u>N</u> o
3) Are there more than 10 historic properties within the APEs for direct and visual effect? If "Yes", you are required to attach a Cultural Resources Report in lieu of adding the Historic Property below.	() <u>Y</u> es (X) <u>N</u> o

Historic Property

4) Property Name:
5) SHPO Site Number:

Property Address

6) Street Address:		
7) City:	8) State:	9) Zip Code:
10) County/Borough/Parish:		

Status & Eligibility

11) Is this property listed on the National Register? Source: _____	() <u>Y</u> es () <u>N</u> o
12) Is this property eligible for listing on the National Register? Source: _____	() <u>Y</u> es () <u>N</u> o
13) Is this property a National Historic Landmark?	() <u>Y</u> es () <u>N</u> o

14) Direct Effects (Select One): <input type="checkbox"/> No Effect on this Historic Property in APE <input type="checkbox"/> No Adverse Effect on this Historic Property in APE <input type="checkbox"/> Adverse Effect on this Historic Property in APE
15) Visual Effects (Select One): <input type="checkbox"/> No Effect on this Historic Property in APE <input type="checkbox"/> No Adverse Effect on this Historic Property in APE <input type="checkbox"/> Adverse Effect on this Historic Property in APE

Local Government Involvement

Local Government Agency

1) FCC Registration Number (FRN):
2) Name: Dublin Township

Contact Name

3) First Name: Jeff	4) MI:	5) Last Name: Croft	6) Suffix:
7) Title:			

Contact Information

8) P.O. Box:	And /Or	9) Street Address: 8776 Waterfall Road	
10) City: Hustontown		11) State: PA	12) Zip Code: 17229
13) Telephone Number: (717)987-3774		14) Fax Number:	
15) E-mail Address: kathy.eisele@terracon.com			
16) Preferred means of communication: (<input checked="" type="checkbox"/>) E-mail () Letter () Both			

Dates & Response

17) Date Contacted 08/21/2023	18) Date Replied _____
(<input checked="" type="checkbox"/>) No Reply	
() Replied/No Interest	
() Replied/Have Interest	
() Replied/Other	

Additional Information

19) Information on local government's role or interest (optional):
--

Other Consulting Parties

Other Consulting Parties Contacted

1) Has any other agency been contacted and invited to become a consulting party?	(<input checked="" type="checkbox"/>) <u>Yes</u> () <u>No</u>
--	---

Consulting Party

2) FCC Registration Number (FRN):
3) Name: Fulton County Historical Society

Contact Name

4) First Name: N/A	5) MI:	6) Last Name: N/A	7) Suffix:
8) Title:			

Contact Information

9) P.O. Box: PO Box 115	And /Or	10) Street Address:	
11) City: McConnellsburg		12) State: PA	13) Zip Code: 17233
14) Telephone Number: (717)485-3172		15) Fax Number:	
16) E-mail Address: director@fultonhistory.org			
17) Preferred means of communication: (<input checked="" type="checkbox"/>) E-mail () Letter () Both			

Dates & Response

18) Date Contacted 08/21/2023	19) Date Replied _____
(<input checked="" type="checkbox"/>) No Reply () Replied/No Interest () Replied/Have Interest () Replied/Other	

Additional Information

20) Information on other consulting parties' role or interest (optional):

Designation of SHPO/THPO

1) Designate the Lead State Historic Preservation Officer (SHPO) or Tribal Historic Preservation Officer (THPO) based on the location of the tower/collocation.

SHPO/THPO

Name: **Pennsylvania State Historic Preservation Office**

2) You may also designate up to three additional SHPOs/THPOs if the APEs include multiple states. If the APEs include other countries, enter the name of the National Historic Preservation Agency and any state and provincial Historic Preservation Agency

SHPO/THPO Name: _____

SHPO/THPO Name: _____

SHPO/THPO Name: _____

Certification

I certify that all representations on this FCC Form 621 Submission Packet and the accompanying attachments are true, correct, and complete.

Party Authorized to Sign

First Name:

MI:

Last Name:

Suffix:

Signature:

Date:

FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID.

WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18, Section 1001) AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).

Attachments :

Type

Description

Date Entered

Suzanne Reece, MSC, RPA

PRINCIPAL INVESTIGATOR - ARCHAEOLOGY

PROFESSIONAL EXPERIENCE

Ms. Reece is an Archaeologist and Principal Investigator in our Minnesota office. Ms. Reece has worked as an archaeological Principal Investigator throughout the upper Midwest. She has planned, managed, and conducted numerous cultural resources surveys for both public and private clients ranging from individual landowners to federal agencies. Ms. Reece has expertise in the areas of historical research, pedestrian and subsurface archaeological investigations, human and animal skeletal analysis, artifact identification and curation, as well as mitigation of disturbances to archaeological sites. She also has extensive experience in evaluation of historic structures and archaeological sites for National Register of Historic Places (NRHP) eligibility.

PROPERTY DEVELOPMENT

Ms. Reece has done extensive work with both private and public sector clients assessing proposed site locations for cultural resources. Her work has helped clients avoid costly delays by identifying archaeological sites and historic properties prior to land purchases and the start of construction. She has conducted literature searches (desktop reviews), intensive Phase I and Phase II surveys, and archaeological monitoring of construction activities in support of site selection and property development projects. Some of the property development and site selection projects Ms. Reece has worked on include: residential developments, municipal and state land purchases, industrial park development, and wetland mitigation banks.

INFRASTRUCTURE DEVELOPMENT

Ms. Reece has planned and conducted numerous cultural resources surveys related to the repair, replacement, and creation of modern infrastructure. She has conducted literature searches (desktop reviews) for utility installations within road rights-of-way, as well as intensive Phase II surveys and Phase III treatment plans for waterline, sewer line, telecommunication, and flood mitigation projects. While conducting these surveys, Ms. Reece has also gained experience in identifying and documenting historic structures and historic districts.

MUNICIPAL, STATE, AND FEDERAL PROPERTY

Ms. Reece has conducted many cultural resources studies on public lands owned by a government entity. In conducting these projects, she has played a role in obtaining the necessary state and federal archaeological permits, overseen compliance with permit stipulations, and conducted and documented the resulting fieldwork. She has conducted archival research,



EDUCATION

Master of Science,
Osteoarchaeology, University of
Edinburgh, 2013.

Bachelor of Arts, Anthropology,
University of Minnesota, 2011.

AFFILIATIONS

American Association of Biological
Anthropologists (AABA)

International Council for
Archaeozoology (ICAZ)

Register of Professional
Archaeologists (RPA)

WORK HISTORY

Terracon Consultants, Inc., St. Paul,
Minnesota. Principal Investigator,
2018-Present.

Kogel Archaeological Consulting
Services, Sioux Falls, South Dakota.
Principal Investigator, 2013-2018.

University of Edinburgh, Edinburgh,
Scotland. Osteoarchaeologist, 2013.

University of Minnesota,
Minneapolis, Minnesota. Laboratory
Intern, 2010; Excavator, 2008.

Suzanne Reece, MSC, RPA

PRINCIPAL INVESTIGATOR - ARCHAEOLOGY

Phase I reconnaissance surveys and intensive Phase II surveys, mortuary feature relocation surveys, Phase III treatment plans and investigations, and archaeological monitoring for projects on public land.

TRANSPORTATION IMPROVEMENTS

Ms. Reece has led cultural resources planning efforts and fieldwork for numerous transportation improvement projects which require compliance with state or federal historic preservation laws. These projects have included improvements to railways, road construction and expansion, highway erosion and floodwater mitigation studies, as well as cultural resources oversight of soil borrow project areas. She has conducted research and prepared reports on the historic significance of structures such as bridges and culverts and how to mitigate their loss of historic integrity during repairs or replacements.

OSTEOARCHAEOLOGICAL PROJECT EXPERIENCE

COMPLEX AND COMINGLED CONTEXTS

From the start of her archaeological training, Ms. Reece has worked with comingled human and animal skeletal remains from complex archaeological contexts. She has undertaken projects that involve sorting and identification of comingled skeletal remains from archaeological sites from the United States and around the world, including work with assemblages from Algeria, the Caucasus Mountains, Ireland, Spain, Turkey, and the United Kingdom. Her experience with human and non-human skeletal materials has proven invaluable in the analysis and proper identification of osseous material in both field and laboratory settings, particularly when fragmentary remains are involved.

MORTUARY FEATURE IDENTIFICATION

As a Principal Investigator, Ms. Reece has been responsible for the identification and investigation of potential burial features encountered during cultural resources surveys. Her experience includes identification and non-intrusive investigation of burial mound sites, determining likely burial mound locations based on historical and ethnographic documentation, and minimally invasive excavation of unconfirmed mortuary features. Ms. Reece has also conducted historic research and pedestrian surveys to identify the boundaries of historic cemeteries to ensure that proposed projects do not encroach on any unmarked burials that may be present.

SKELETAL ANALYSIS

In her work, Ms. Reece has used modern techniques to identify important biological information from human skeletal remains, including age, sex, height, and ancestry indicators. Her work has also included documentation and identification of both pathological conditions and traumatic injuries. Ms. Reece has conducted skeletal analysis with complete, partial, and fragmentary osseous material, as well as cremated remains ("cremains"). Her experience with analysis of animal remains includes identification of species, sex, age, body size estimations, pathological conditions, and traumatic injuries. Ms. Reece is also experienced in the identification of taphonomic changes in bone caused by human and animal activity as well as natural weathering processes.

Please refer to Appendix B for Site Figures

ADDITIONAL SITE INFORMATION

Terracon understands that Ambassador Towers LLC is proposing to collocate antennas on an existing telecommunications tower under the following specifications:

Site Name:	Hustontown
Terracon Project Number:	J8237072
Address:	9290 Waterfall Road
City, County, State:	Dublin Twp (Hustontown), Fulton County, Pennsylvania 17229
Latitude / Longitude:	40° 2' 29" N / 78° 0' 2.16" W
Tower Height:	405 feet, including attachments
Tower Type:	Existing Guy tower
Project Description:	Collocation of antennas on existing tower and installation of associated equipment within existing tower compound.

The proposed project will take place within an existing telecommunications installation which contains a guyed tower, support equipment, and buried and overhead connection to utilities. The existing compound is contained within a chain link fence and is accessible via a gravel driveway. The proposed project involves the installation of antennas on the existing tower and placement of associated equipment within the tower compound. The surrounding properties are primarily farmland with scattered residences.



UNITED STATES DEPARTMENT OF COMMERCE
National Telecommunications and
Information Administration
Washington, D.C. 20230

**NOTICE OF ORGANIZATION(S) WHICH WERE SENT PROPOSED
BROADBAND PROJECT NOTIFICATION INFORMATION**

Date: 08/18/2023

UPWARD BROADBAND
KATHY EISELE
1401 CONSTITUTION AVE.
WASHINGTON, DC 20230

Dear Applicant:

The National Telecommunications and Information Administration (NTIA) is using a modified version of the Federal Communications Commission's (FCC) Tower Construction Notification System (TCNS) as a means of expediting its Broadband grant programs. This notice is to inform you that the following authorized parties were sent information about the application that you submitted to NTIA through TCNS. The information was forwarded to authorized TCNS users by electronic mail and/or regular mail (letter).

Persons who have received the notification that you provided include leaders or their designees of federally-recognized American Indian Tribes, including Alaska Native Villages (collectively "Tribal Nations"), Native Hawaiian Organizations (NHOs), and State Historic Preservation Officers (SHPOs) who have set their geographic preferences on TCNS. For your convenience in identifying the referenced Tribal Nations and NHOs and in making further contacts, the City and State of the Seat of Government for each Tribal Nation and NHO, as well as the designated contact person, is included in the listing below. We note that Tribal Nations may have Section 106 cultural interests in ancestral homelands or other locations that are far removed from their current Seat of Government. Consistent with the FCC's rules as set forth in the NPA, NTIA requires that all Tribal Nations and NHOs listed below are afforded a reasonable opportunity to respond to this notification, consistent with the procedures set forth below.

We note that the review period for all parties begins upon receipt of a full project submittal and notifications that do not provide this serve as information only. If, upon receipt, the Tribal Nation or NHO does not respond within a reasonable time, you should make a reasonable effort at follow-up contact, unless the Tribal Nation or NHO has agreed to different procedures. In the event a Tribal Nation or NHO does not respond to a follow-up inquiry, or if a substantive or procedural disagreement arises between you and a Tribal Nation or NHO, you must seek guidance from NTIA. NTIA will follow procedures consistent with those set forth in the FCC's Second Report and Order released on March 30, 2018 (FCC 18-30).

1. THPO - Jarell Grant - Omaha Tribe of Nebraska - (PO Box: 368) - Macy, NE - jarell.grant@theomahatribe.com; mark.parker@theomahatribe.com - 402-837-5391 (ext: 434) - electronic mail

Details: Please note we have updated procedures. Please email us at Omahatribefcctns@outlook.com

2. TCNS Coordinator - Tiffany Martinez - Delaware Nation - 31064 State Highway 281 (PO Box: 825) - Anadarko, OK - tmartinez@delawarenation-nsn.gov; epaden@delawarenation-nsn.gov - 405-247-2448 (ext: 1403) - electronic mail
Details: The Delaware Nation of Oklahoma Historic Preservation Office has developed the following consultation procedures for all TCNS projects identified as undertakings by the Federal Communications Commission. In the email subject line, please specify whether the project is for a tower, small cell, or collocation. Our response can be given faster

with this information.

3. Cultural Preservation Director - Carol Butler - Absentee-Shawnee Tribe of Indians of Oklahoma - 2025 S. Gordon Cooper Drive - Shawnee, OK - fccasttens@gmail.com - 405-275-4030 (ext: 6312) - electronic mail

4. TCNS Rep - Bryan Printup - Tuscarora Nation - 5226 Walmore Rd - Via: Lewiston, NY - bprintup@hetf.org - 716-264-6011 (ext: 103) - electronic mail

If the applicant/tower builder receives no response from the Tuscarora Nation within 30 days after notification through TCNS, the Tuscarora Nation has no interest in participating in pre-construction review for the proposed site. The Applicant/tower builder, however, must immediately notify the Tuscarora Nation in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

5. THPO - Lawrence Plucinski - Bad River Band of Lake Superior Tribe of Chippewa Indians - (PO Box: 39) - Odanah, WI - thpo@badriver-nsn.gov; deputyTHPO@badriver-nsn.gov - 715-682-7123 - electronic mail

If the applicant/tower builder receives no response from the Bad River Band of Lake Superior Tribe of Chippewa Indians within 30 days after notification through TCNS, the Bad River Band of Lake Superior Tribe of Chippewa Indians has no interest in participating in pre-construction review for the proposed site. The Applicant/tower builder, however, must immediately notify the Bad River Band of Lake Superior Tribe of Chippewa Indians in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

6. THPO - Marvin DeFoe - Red Cliff Band of Lake Superior Chippewa Indians of Wisconsin - 88455 Pike Road, HWY 13 - Bayfield, WI - Marvin.DeFoe@redcliff-nsn.gov; Edwina.Buffalo-Reyes@redcliff-nsn.gov - 715-779-3700 (ext: 4242) - electronic mail

Details: Boozhoo, we do not have the Red Cliff Portal site online anymore and apologize for the inconvenience.

If you have a project that has already been paid for or would like to voluntarily pay for, please email documents for project review to THPO@redcliff-nsn.gov. This address is only to be used by Consultants who are voluntarily paying for projects.

If you have any questions, please contact Marvin Defoe, THPO Manager at (715) 779-3700 Ext. 4244 or Edwina Buffalo-Reyes, THPO Assistant at (715) 779-3700Ext. 4243.

7. THPO - William Tarrant - Seneca-Cayuga Nation - 23701 S 655 Road (PO Box: 453220) - Grove, OK - wtarrant@sctribe.com - 918-787-5452 (ext: 344) - regular mail

Details: Please refrain from sending review information via email. We request all information to be sent via mail to PO Box 453220, Grove, OK 74345.

8. Cell Tower Coordinator - Kelly Nelson - Eastern Shawnee Tribe of Oklahoma - 70500 East 128 Road - Wyandotte, OK - celltower@estoo.net - 918-666-2435 (ext: 1861) - regular mail

Details: DO NOT EMAIL DOCUMENTATION; it will be deleted without being opened.

Submit one printed color copy by US postal mail or other parcel carrier of all documentation to:

Eastern Shawnee Tribe
Attn: CellTower Program
70500 E. 128 Rd.
Wyandotte, OK 74370

Provide a 1-page cover letter with the following information:

- a. TCNS Number
- b. Company Name
- c. Project Name, City, County, State
- d. Project type
- e. Project coordinates
- f. Contact information

The Eastern Shawnee Procedures document is available and highly recommended for guidance; send an email to celltower@estoo.net requesting our most current copy.

9. THPO - Sherri Clemons - Wyandotte Nation - 64700 E, Hwy 60 - Wyandotte, OK - sclemons@wyandotte-nation.org - 918-678-6344 - electronic mail

Details: Please refrain from sending information via mail. We ONLY accept information via email to: sclemons@wyandotte-nation.org. We will advise if we require additional information.

10. THPO - Tonya Tipton - Shawnee Tribe - 29 South 69A Highway - Miami, OK - tcns@shawnee-tribe.com - 918-542-2441 (ext: 103) - electronic mail

Details: In the case of projects with NO ground disturbance such as antennae on the sides of buildings or existing poles, the Shawnee Tribe concurs that no known historic properties will be negatively impacted by the project. The Shawnee Tribe DOES NOT wish to consult on those projects with NO ground disturbance.

If the project DOES involve ground disturbance at all, the Shawnee Tribe would like to ACCEPT your invitation for consultation and will provide a review.

If you have any questions, you may contact the Shawnee Tribe via email at TCNS@shawnee-tribe.com

Thank you for the opportunity to comment.

11. THPO - Jonathan Windy Boy - Chippewa Cree Tribe of the Rocky Boy's Reservation - 96 Clinic Rd North - Box Elder, MT - Taivonjoi17@gmail.com; precisionarchaeology@gmail.com - 406-395-5215 - electronic mail and regular mail

Details: The Chippewa Cree Tribe of the Rocky Boy's Reservation no longer uses IResponse. Please email all review material to taivonjoi17@gmail.com and rep32jwb@gmail.com and mail the packet to 96 Clinic Rd. North, Box Elder Montana 59521. If the qualified and professional reviewers determine that additional information is required, or that field work is required, they will contact you through email and through TCNS. If the Tribe determines that the proposed project will have an effect on historic properties and/or Tribal religious and cultural sites or properties, we will provide notice to the project proponent and to the FCC.

12. THPO - Sarah Thompson - Lac du Flambeau Band of Lake Superior Chippewa Indians - Tribal Historic Preservation Office (PO Box: 67) - Lac du Flambeau, WI - ldfthpo@ldftribe.com - 715-588-2139 - electronic mail
Details: Effective Immediately:

Please send all submissions through email until further notice. Effective 3/23/2020

Please email all submissions to ldfthpo@ldftribe.com

Thank you

13. Deputy THPO, Archaeologist - Susan Bachor - Delaware Tribe of Indians - 126 University Circle Stroud Hall, Rm. 437 - East Stroudsburg, PA - sbachor@delawaretribe.org; lheady@delawaretribe.org - 610-761-7452 - electronic mail
Details: The Delaware Tribe of Indians areas of interest include our aboriginal territories (circa 1600), known locations of historic Delaware settlements, routes of removal and forced migration, and all lands of Delaware aboriginal title ceded by treaty to the United States. If you are receiving this notification, then your project falls within these areas of interest and we ask that you provide us with a cover letter describing the project and its location (including the project coordinates) as well as a topographic map showing the project location. If an archaeological survey has already been performed in preparation for the project, please send a copy of that as well. Additionally, we may request a biological assessment of culturally significant treaty resources which may be affected by the proposed undertaking.

We are only interested in consulting on projects that involve ground disturbance that is planned to take place in both undisturbed and previously disturbed contexts. We are not interested in consulting on collocations or projects that involve no ground disturbance. If your project does involve ground disturbance or you do not receive a response from us within 30 days of submitting the above project information, then we have no comments on the project. However, if any archaeological resources or human remains are disturbed at any point in the project planning or construction, we ask that the project be halted until we can be notified of the inadvertent discovery and can determine the most appropriate course of action. If your company would like a formal written response from the Delaware Tribe concerning the potential impact of your project to culturally and religiously significant sites, please contact Susan Bachor at sbachor@delawaretribe.org to request such a response.

In order to better facilitate consultation throughout our areas of interest we have three regional tribal historic preservation offices. While our Tribal Headquarters remains in Oklahoma, our Eastern Office in Pennsylvania is the point of contact for all consultation within our Eastern Region which includes the states of Massachusetts, Connecticut, New York, New Jersey, Pennsylvania, Delaware, Maryland and Virginia. If your project exists in any of these states, please contact Susan Bachor with the above project information at the following e-mail address. All offices prefer digital submissions and the project information can be submitted by e-mail.

Susan Bachor, Acting Director of Historic Preservation
Eastern Office
126 University Circle
Stroud Hall, Rm. 437
East Stroudsburg PA 18301
(610) 761-7452
sbachor@delawaretribe.org

Our Midwestern office is the point of contact for all consultation within our Midwestern region which includes the states of West Virginia, Ohio, Indiana, Michigan and Illinois. If your project exists in any of these states, please contact Larry Heady with the above project information at the following e-mail address. Our Midwestern office prefers to receive digital submissions and the project information can be submitted by e-mail.

Larry Heady, THPO
Midwestern Office
125 Dorry Lane, Grants Pass, OR 97527
lheady@delawaretribe.org
(262) 825-7586

We, at the Delaware Tribe Historic Preservation Office, along with our Chief and Tribal Council remain committed to protecting the cultural and physical integrity of our historic sites, traditional cultural properties, sacred sites, objects of cultural patrimony, and most importantly, the remains of our Ancestors. We look forward to working with you on our shared interests in preserving and protecting Delaware heritage within our areas of interest.

The information you provided was also forwarded to the additional Tribes and NHOs listed below. These Tribes and NHOs have NOT set their geographic preferences on TCNS, and therefore they are currently receiving tower notifications for the entire United States.

The information you provided was also forwarded to the following SHPOs in the state in which you propose to construct and neighboring states. The information was provided to these SHPOs as a courtesy for their information and planning.

14. - Amanda Terrell - Ohio History Connection - 800 E. 17th Avenue - Columbus, OH - aterrell@ohiohistory.org - 614-298-2000 - electronic mail

15. Historic Preservation Supervisor - Barbara Frederick - Pennsylvania State Historic Preservation Office - Pennsylvania Historical & Museum Commission 400 North St, 2nd Floor - Harrisburg, PA - bafrederic@pa.gov - 717-772-4519 - electronic mail

16. Deputy SHPO - Susan Pierce - West Virginia Division of Culture & History, Historic Preservation Office - 1901 Kanawha Boulevard East - Charleston, WV - susan.pierce@wvculture.org - - electronic mail

17. SHPO - Barbara Franco - Pennsylvania Historical and Museum Commission - 300 North Street - Harrisburg, PA - bcutler@state.pa.us - 717-787-2891 - electronic mail

TCNS automatically forwards all notifications to all Tribal Nations and SHPOs that have an expressed interest in the geographic area of a proposal. A particular Tribal Nation or SHPO may also set forth policies or procedures within its details box that exclude from review certain facilities (for example, a statement that it does not review collocations with no ground disturbance or that indicates that no response within 30 days indicates no interest in participating in pre-construction review).

Please be advised that the NTIA cannot guarantee that the contact(s) listed above opened and reviewed an electronic or regular mail notification. The following information relating to the proposed project was forwarded to the person(s) listed above.

Notification Received: 08/10/2023

Notification ID: 270470

Project Number: 53

Applicant: Upward Broadband

Applicant Contact: Kathy Eisele

Project Type(s): Multiple Project Components

Region(s) affected (State, County): PENNSYLVANIA, FULTON PENNSYLVANIA, HUNTINGDON

Address or Geographical Location Description: Project Name: NTIA / Upward Broadband Section 4
New Tower Construction (3 sites) and Existing Tower Collocation (1 site) in Fulton and Huntingdon Counties, Pennsylvania
See attached project description and maps for details.

If you have any questions or comments regarding the content of this notice, please contact NTIA at: TCNS@ntia.gov.



844 N. Lenola Road, Suite 1
Moorestown, NJ 08057
P (856) 813-3267
F (856) 813-3279
Terracon.com

August 21, 2023

Dublin Township
8776 Waterfall Road
Hustontown, Pennsylvania 17229
ATTN: Jeff Croft, Chairman
Phone 717-987-3774

RE: Invitation to Comment as a Consulting Party on a Proposed Collocation

Site Name:	Hustontown
Terracon Project Number:	J8237072
Address:	9290 Waterfall Road
City, County, State:	Dublin Twp (Hustontown), Fulton County, Pennsylvania 17229
Latitude / Longitude:	40° 2' 29" N / 78° 0' 2.16" W
Tower Height:	405 feet, including attachments
Tower Type:	Existing Guy tower
Project Description:	Collocation of antennas on existing tower and installation of associated equipment within existing tower compound.

To Whom it May Concern:

In accordance with Section 106 of the National Historic Preservation Act (Section 106), the above-referenced proposed broadband deployment project is being evaluated for its potential effects to tribal resources, archaeological sites, or historic resources. If approved, funding for the above-referenced broadband deployment projects will be, in part, provided through a grant from the U.S. Department of Commerce, National Telecommunications & Information Administration (NTIA). As such, the proposed project is a federal undertaking subject to consultation under Section 106.

Terracon is writing to invite your comment on the effect of the above-referenced project on historic resources within the project's Area of Potential Effects (APE).

Field assessment for both historic properties and archaeological sites will be conducted, and a determination will be made of the project's direct and indirect effects on eligible properties. Consulting parties are invited to provide information concerning historic or archaeological properties already listed in the National Register or that could be eligible for listing in the National Register. We welcome your comments regarding the effect of the tower on historic resources that may be listed in or eligible for the National Register of Historic Places.

If you would like to comment, please respond to this letter within 30 days of its receipt. Thank you for your response on this matter. If you have any questions, please do not hesitate to call. If you wish to respond by email, I may be reached at kathy.eisele@terracon.com and (856) 813-3267.

Sincerely,
Terracon Consultants, Inc.

Kathryn A. Eisele
Sr. Project Manager

Attachment: Project Location Map with APE

Explore with us



844 N. Lenola Road, Suite 1
Moorestown, NJ 08057
P (856) 813-3267
F (856) 813-3279
Terracon.com

August 21, 2023

Fulton County Historical Society
PO Box 115
McConnellsburg, Pennsylvania 17233
Phone 717-485-3172 / Email: director@fultonhistory.org

RE: Invitation to Comment as a Consulting Party on a Proposed Collocation

Site Name:	Hustontown
Terracon Project Number:	J8237072
Address:	9290 Waterfall Road
City, County, State:	Dublin Twp (Hustontown), Fulton County, Pennsylvania 17229
Latitude / Longitude:	40° 2' 29" N / 78° 0' 2.16" W
Tower Height:	405 feet, including attachments
Tower Type:	Existing Guy tower
Project Description:	Collocation of antennas on existing tower and installation of associated equipment within existing tower compound.

To Whom it May Concern:

In accordance with Section 106 of the National Historic Preservation Act (Section 106), the above-referenced proposed broadband deployment project is being evaluated for its potential effects to tribal resources, archaeological sites, or historic resources. If approved, funding for the above-referenced broadband deployment projects will be, in part, provided through a grant from the U.S. Department of Commerce, National Telecommunications & Information Administration (NTIA). As such, the proposed project is a federal undertaking subject to consultation under Section 106.

Terracon is writing to invite your comment on the effect of the above-referenced project on historic resources within the project's Area of Potential Effects (APE).

Field assessment for both historic properties and archaeological sites will be conducted, and a determination will be made of the project's direct and indirect effects on eligible properties. Consulting parties are invited to provide information concerning historic or archaeological properties already listed in the National Register or that could be eligible for listing in the National Register. We welcome your comments regarding the effect of the tower on historic resources that may be listed in or eligible for the National Register of Historic Places.

If you would like to comment, please respond to this letter within 30 days of its receipt. Thank you for your response on this matter. If you have any questions, please do not hesitate to call. If you wish to respond by email, I may be reached at kathy.eisele@terracon.com and (856) 813-3267.

Sincerely,
Terracon Consultants, Inc.

Kathryn A. Eisele
Sr. Project Manager

Attachment: Project Location Map with APE

Explore with us

Legal Notices

PUBLIC HEARING NOTICE

The Fulton County Commissioners will hold three public hearings on the planned use of 2023-24 Human Services Block Grant funds in Fulton County. The first hearing will be held on Wednesday, August 30, at 8:30 a.m. via Zoom. The second hearing will be held on Tuesday, September 12 at 9:30 a.m. at the Fulton County Commissioners Office. The third meeting will be held September 19 at 12:30 p.m. via Zoom. The third meeting will be held in conjunction with the Partner Meeting of the Fulton County Family Partnership.

Individuals who would like to participate in the virtual meetings on August 30th and September 19, can access the Zoom meeting with the Meeting ID and Passcode listed below at the designated date and time.

Meeting ID: 848 7915
8658 Passcode: H4C0cZ

The block grant consists of five funding streams and allows counties the flexibility to decide where the money is needed most. Those funding streams are: Mental Health Community Programs; Intellectual Disabili-

ties, Community Base; Homeless Assistance Program; Act 152 (Drug & Alcohol) Behavioral Health Services Initiative and Human Services Development Fund.

Draft plan documents will be available at the public meetings and electronically upon request. Questions and comments, both written and/or oral, are invited and welcomed.

Also, if you are unable to attend either hearing or wish to make oral comments or questions, you may make special arrangements by calling Julia Dovey at 717-485-6767.

County of Fulton
Board of Commissioners
Stuart L. Ulsh, Chair
Randy H. Bunch
Paula J. Shives
8-17-5x

EXECUTOR'S NOTICE

Notice is hereby given that letters testamentary on the estate of James M. Kiefer, late of Bethel Township, Fulton County, Pa., have been granted to the undersigned, and she requests all persons having claims against said estate to make known the same to Jacalyn K. Malaguerra, 1154 Black Oak Road, Warfords-

burg, PA 17267, or her attorney, and all persons indebted to said decedent to make payment to her without delay.

Jacalyn K. Malaguerra, Executor
Elizabeth A. Clark, Esquire
Dick, Stein, Schemel, Wine & Frey, LLP
216 North Second Street, Suite 5
McConnellsburg, Pa. 17233
8-17-3x

PUBLIC NOTICE

PUBLIC NOTICE: Ambassador Towers LLC is proposing to build a 199-ft Self-Support Telecommunications Tower located near 3543 Blacks Mountain Rd, Taylor Twp (Waterfall), Fulton Co., PA, 16689 (40° 7' 37.02" N/78° 4' 46.45" W). Public comments regarding potential effects from this site on historic properties may be submitted within 30-days from the date of this publication to: K. Eisele, Terracon, 844 N. Lenola Rd, Ste 1, Moorestown, NJ 08057, 856-813-8267, or Kathy.eisele@terracon.com.

PUBLIC NOTICE: Ambassador Towers LLC is proposing to build a 270-ft Self-Support Telecommunications Tower located near Flickerville Rd, Brush Creek Twp, Fulton Co., PA, 17257 (39° 51' 9.9" N / 78° 13' 4.51" W). Public comments regarding potential effects from this site on historic properties may be submitted within 30-days from the date of this publication to: K. Eisele, Terracon, 844 N. Lenola Rd, Ste 1, Moorestown, NJ 08057, 856-813-8267, or Kathy.eisele@terracon.com.

PUBLIC NOTICE: Ambassador Towers LLC is proposing to collocate antennas on an existing 405-ft guyed Telecommunications Tower located near 9290 Waterfall Rd, Dublin Twp (Hustontown), Fulton Co., PA, 17229 (40° 2' 29" N/ 8° 0' 2.16" W). Public comments regarding potential effects from this site on historic properties may be submitted within 30-days from the date of this publication to: K. Eisele, Terracon, 844 N. Lenola Rd, Ste 1, Moorestown, NJ 08057, 856-813-8267, or Kathy.eisele@terracon.com.

PUBLIC NOTICE: Am-

bassador Towers LLC is proposing to build a 199-ft Self-Support Telecommunications Tower located 4,700 ft NW of 1019 Licking Creek Rd, Warren Twp, Fulton Co., PA, 17212 (39° 45' 5.03" N, 78° 4' 1.81" W). Public comments regarding potential effects from this site on historic properties may be submitted within 30-days from the date of this publication to: K. Eisele, Terracon, 844 N. Lenola Rd, Ste 1, Moorestown, NJ 08057, 856-813-8267, or Kathy.eisele@terracon.com.

PUBLIC NOTICE: Ambassador Towers LLC is proposing to build a 199-ft Self-Support Telecommunications Tower located on Bark Rd (5,500 ft NE of Rock Oak Dr), Brush Creek Twp, Fulton Co., PA, 17228 (39° 59'48.22" N/8° 8' 5.78" W). Public comments regarding potential effects from this site on historic properties may be submitted within 30-days from the date of this publication to: K. Eisele, Terracon, 844 N. Lenola Rd, Ste 1, Moorestown, NJ 08057, 856-813-8267, or Kathy.eisele@terracon.com.

PUBLIC NOTICE: Ambassador Towers LLC is proposing to build a 199-ft Self-Support Telecommunications Tower located on Great Cove Rd (1,700 ft. NE of Breezy Point Rd), Todd Twp (McConnellsburg), Fulton Co., PA, 17233 (40° 0' 59.14" N/77° 57' 48.92" W). Public comments regarding potential effects from this site on historic properties may be submitted within 30-days from the date of this publication to: K. Eisele, Terracon, 844 N. Lenola Rd, Ste 1, Moorestown, NJ 08057, 856-813-8267, or Kathy.eisele@terracon.com.

8-31-1x

EXECUTOR'S NOTICE

Notice is hereby given that letters testamentary on the estate of Rodney Victor Wolfe Sr., a/k/a Rodney V. Wolfe Sr., late of Thompson Township, Fulton County, Pa., have been granted to the undersigned, and he requests all persons having claims against said estate to make known the same to Michael Lynn Wolfe Sr., 4423 Timber Ridge Road, Need-

more, PA 17238, or his attorney, and all persons indebted to said decedent to make payment to him without delay.

Michael Lynn Wolfe Sr.
Executor
Elizabeth A. Clark, Esquire
Dick, Stein, Schemel, Wine & Frey, LLP
216 North Second Street, Suite 5
McConnellsburg, PA 17233
8-31-3x

EXECUTORS' NOTICE

Notice is hereby given that letters testamentary on the estate of Jane E. Kies, late of Todd Township, Fulton County, Pa., have been granted to the undersigned, and they request all persons having claims against said estate to make known the same to William P. Kies II, 2711 South Madden Road, Hustontown, PA 17229, and Robert A. Kies, 2604 Back Run Road, McConnellsburg, PA 17233, or their attorney, and all persons indebted to said decedent to make payment to them without delay.

William P. Kies II,
Executor
Robert A. Kies,
Executor

J. Edgar Wine, Esquire
Dick, Stein, Schemel, Wine & Frey, LLP
216 North Second Street, Suite 5
McConnellsburg, PA 17233
8-31-3x

NOTICE

Notice is hereby given that letters testamentary in the estate of David J. Yanko, late of the Borough of Ambridge, Fulton County, Pa., who died on May 13, 2021, have been granted to Jackie L. Yanko, executrix. All persons indebted to said estate are requested to make payment and those having claims or demands are requested to present the same without delay to David E. Schwager, Esquire 183 Market Street Suite 100 Kingston, PA 18704-5444

8-31-3x

NOTICE

Estate of Dennis J. Fraker, deceased, late of Dublin Twp., Fulton County, Pa. D.O.D. 5/21/23.

Letters testamentary on the above estate have been granted to the undersigned, who request all persons having claims or demands against the estate of the decedent to make known the same and all persons indebted to the decedent to make payment without delay to April Coudriet, executrix, c/o Laura M. Tobey, Esq., 229 W. Wayne Ave., Wayne, PA 19087, or to her atty.: Laura M. Tobey, Reidenbach & Assoc., 229 W. Wayne Ave., Wayne, PA 19087

8-31-3x

EXECUTOR'S NOTICE

Notice is hereby given that letters testamentary on the estate of Ann A. Sipes, of Licking Creek Township, Fulton County, Pa., have been granted to the undersigned, and he requests all persons having claims against said estate to make known the same to Tamela Mellott Heming, 125 Schultz Road, Warfordsburg, PA 17267, and all persons indebted to said decedent to make payment to her at the above address without delay.

Anthony W. Fetterhoff,
Executor

Heming Law Office
Tamela Mellott Heming,
Esquire
125 Schultz Road
Warfordsburg, PA 17267
8-31-3x

ADMINISTRATRIX'S NOTICE

Notice is hereby given that letters of administration on the estate of Daryl L. Poet, of Brush Creek Township, Fulton County, Pa., have been granted to the undersigned, and she requests all persons having claims against said estate to make known the same to Tamela Mellott Heming, 125 Schultz Road, Warfordsburg, PA 17267, and all persons indebted to said decedent to make payment to her at the above address without delay.

Mary Ann Poet
NKA Mary Ann Mills,
Administratrix

Heming Law Office
Tamela Mellott Heming,
Esquire
125 Schultz Road
Warfordsburg, PA 17267
8-31-3x

NOTICE

Notice is hereby given that letters of administration in the estate of Jerry William Mellott Sr., late of the Township of Belfast, Fulton County, Pa., who died November 28, 2017, have been granted to Sharon Mellott, administratrix. All persons indebted to said Estate are requested to make payment and those having claims or demands are requested to present the same without delay to:

David E. Schwager,
Esquire
183 Market Street
Suite 100
Kingston, PA 18704-5444
8-31-3x

NOTICE

The Local Emergency Planning Committee and municipal coordinators will hold their quarterly meeting Monday, September 11, 2023, at 7 p.m., at the Fulton County EMA, EOC Room, 219 North Second Street, McConnellsburg, Pa.

8-31-2x

Craig Knepper AU-002595-L

PUBLIC SALE

WED., SEPT. 6, 2023
AT 4:30 P.M.

FRI., SEPT. 8, 2023
AT 4:30 P.M.

SAT., SEPT. 9, 2023
AT 8:30 A.M.

8765 Thompson Road, Needmore, PA 17238

Selling Wednesday Evening: 2 hutches, oak flower stand, crocks, crockery chicken waterer, wooden butter churn, wooden bowl, Dietz lanterns, kerosine lamps, electric lamps, camelback trunk, tin cream cans, milk strainer, aluminum scoops, kitchen items, pictures & frames, Rieck's buttermilk jar, green Ball canning jar, blue canning jars (qt & ½ gal.), medicine bottles, Theodore Miller bottle from Chambersburg, PA, glass baskets, pressed & patterned glass, crystal, Hull, Lefton china, green glassware, Germany & Bavaria pieces, Fire-King, Roseville bowl, flower planters & vases, 100's of artificial flowers, Electrolux vacuum, meat slicer, Squeeze strainer, birdbath, some local items, 5 gal. Quaker State can, items for IH Cub (sickle bar mower, snowplow, plow, side hill hitch), old Boy Scout uniforms, card table, miscellaneous flower stands, plus much more.

Selling Friday Evening: John Deere 185 riding mower, 4000 watt generator, wheelbarrow, reel mower, push mower, lawn cart, ladders, miscellaneous tools & hardware, shop-vac, battery charger, burn cage, log chains, car chains, railroad spikes, dehumidifier, vintage chairs, metal shelving, cabinets, recliners, upholstered chair, Eden Pure heater, Sun Cloud heater, Electrolux vacuum, air conditioners, microwave ovens, pots & pans, Tuperware, kitchen utensils, granite roasters & canners, canning jars, #13 canning jar, cleaning supplies, coolers, Hamilton Beach mixer, quilts, haps, crocks & jugs, Fiestaware, lanterns, galvanized tub, VisionWare, CorningWare, miscellaneous hardback books, new walker, flower stands, pots & planters, plus many more items too numerous to mention.

Selling Saturday: dining room table w/7 chairs, hutch, china cupboard, small hanging corner cupboard, corner dropleaf table, 2 Sullivan bookcase, marble top stand, Currier piano, loveseat, lift chair (like new), recliner, entertainment center, double bed, single bed, 2 chest deep freezers, 2 refrigerators, metal shelving & cabinets, GE washer, Maytag dryer, stools, end stands, flower stands, cream can, several crocks & jugs, Oster kitchen center, CorningWare, Pyrex, pots & pans, granite roasters, Eden Pure heater, Electrolux vacuum, GE microwave, Carnival glass, Rossi glass, ruby glass, Homer Laughlin (Virginia Rose), Watt pitcher, Strasburg ware, collector plates, knick-knacks, cameras, cigar boxes, floor & table lamps, metal filing cabinets, office supplies, plastic totes full of miscellaneous items, empty totes, pictures, Home Interior items, painting by Freda Gregory, rugs, bedding, jewelry, plus 100's of miscellaneous items.

Auctioneer's Note: This is a very large sale, selling many good items, so bring your chair and spend some good quality time with us selling lots of items. This will be the best glassware sale in a long time.

Terms: Cash or good check, ID required for bidder number.

Lunch stand reserved. Not responsible for accidents. For photos go to www.auctionzip.com

Owner: Gregory Family

Craig Knepper AU-002595-L

PUBLIC SALE

SAT., SEPT. 2
AT 9 A.M.

2847 South Madden Road, Hustontown, PA 17229

Tractors & Combines: John Deere 4240 4x4, John Deere 4430 diesel w/265 loader (quad shift), John Deere 4040 diesel (power shift), John Deere 4010 diesel, Ford 3500 industrial tractor w/loader, Ford 4000 (gas), Ford 800, (2) Ford 8N, John Deere 6620 combine (burnt in fire), John Deere 3320 combine w/10 ft. grain head, New Holland 553 skid loader, John Deere 350 dozer

Tilling & Planting Items: (2) John Deere 5-bottom plows (16 in.), John Deere 3-bottom plows (14 in.), Ford 3-bottom plows (16 in.), (2) John Deere 215 transport discs, Athens 10 ft. disc, Brillion 12 ft. cultimulcher, 7-ft. cultivator, John Deere 11-tooth chisel plow (trailer), John Deere 4-row cultivator, John Deere 7240 6-row corn planter (w/monitor, liquid fertilizer), John Deere 8200 grain drill

Hay Equipment: John Deere 946 Mo-Co disc bine, John Deere 430 round baler, John Deere 24T square baler, Vermeer 3-pt. TR 90 (tedder/rake), Diller round bale wagon (tandem axle), New Holland dump wagon, (3) New Holland 56 hay rakes, Ford 501 sickle bar mower, New Holland 488 haybine, hay wagon, Bale King racks, John Deere 6½ ft. flail chopper, John Deere, 7½ ft. bush hog, International 5 ft. bush hog, bale spears

Corn Equipment: John Deere 3950 chopper, John Deere 343 heads (narrow & wide), John Deere 643 corn head, New Holland silage wagon, (3) gravity wagons, John Deere flail cutter (16 ft.), John Deere 100 corn stalk stacker

Miscellaneous Items: Meadows portable sawmill w/edger, New Holland 680 manure spreader, Little Auggie mixer wagon, John Deere 15-ft. grain head, N-Tech 3000 gal. manure tank, (3) International tandem axle manure trucks, large garage hoist & track, John Deere post driver, 3-pt. blade, dual wheels for John Deere, John Deere 265 loader, John Deere riding mowers, Little Giant elevator, galvanized water tank, round bale feeders, plastic tank, grain elevator (4 in.), Surge 2 in. pipe line, Surge 600 gal. milk tank, tractor chains, potato planter & grader, misc. gates, misc. butchering items, plus many more items too numerous to mention.

Auctioneer's Note: Many items need some TLC and some are ready for field use. All items sold to the highest bidder, no reserves. Loader available. Those "hard to find" parts may be here.

Terms: Cash or good check. ID required for bidder number.

Lunch stand reserved
Not responsible for accidents
For photos go to www.auctionzip.com
Owners: Ulsh Farms

HURLEY
REAL ESTATE & AUCTIONS

349± ACRE LAND AUCTION
SEPTEMBER 23, 2023 @ 2PM

AUGHWICK RD, BURNT CABINS, PA 17215
IN 7 TRACTS-COMBINATION(S) of TRACTS & WHOLE
SECLUDED PARADISE! Tracts range from 12± acres to 131± acres w/ mature timber, streams, food plots & **ABUNDANT** wildlife!
PREVIEWS Sept 7th 5-7PM & Sept 16th 10AM-12PM
Matthew Hurley AU003413L • Kaleb Hurley AU006233
HURLEYAUCTIONS.COM | 717.597.9100

HURLEY
REAL ESTATE & AUCTIONS

115± ACRE FARM AUCTION
SEPTEMBER 22, 2023 @ 1PM

3765 PIONEER DR | ST. THOMAS PA 17252
115±ACRE HIGH PRODUCING FARM
SELLING FOR STEVEN & TAMMY BISER
DAIRY FARM - NEARLY ALL TILLABLE- HIGH YIELDS
2-Story farmhouse & small limestone home.
FARM BUILDINGS: large bank barn, wagon sheds, equipment sheds, milk house & double-6 milking parlor ready to begin milking, free stall & heifer barns, 3 stave silos & more!
IN FARM PRESERVATION
PREVIEWS Sept 9th 10AM-12PM & Sept 14th 12-2PM
Matthew Hurley AU003413L • Kaleb Hurley AU006233
HURLEYAUCTIONS.COM | 717.597.9100

AREAS OF POTENTIAL EFFECTS

Site Name:	Hustontown
Terracon Project Number:	J8237072
Address:	9290 Waterfall Road
City, County, State:	Dublin Twp (Hustontown), Fulton County, Pennsylvania 17229
Latitude / Longitude:	40° 2' 29" N / 78° 0' 2.16" W
Tower Height:	405 feet, including attachments
Tower Type:	Existing Guy tower
Project Description:	Collocation of antennas on existing tower and installation of associated equipment within existing tower compound.

A. Direct Effects

The direct APE was determined to be the existing approximate 10,000 square-foot tower compound.

B. Visual Effects

The proposed tower will be approximately 405 feet in overall height. The APE for visual effects is therefore considered to be a 1.5-mile radius, per the 2004 Programmatic Agreement (Section VI.4.a), which defines the visual APE as a 1.5-mile radius for towers greater than 400 feet in height (unless otherwise determined through consultation between the applicant and the local SHPO office).

Prior Disturbance Assessment

Hustontown
9290 Waterfall Road
Hustontown, Dublin Township
Fulton County
Pennsylvania 17229
Terracon Project No. J8237072
September 2023



Prepared for:
Ambassador Towers LLC

Prepared by:
Terracon Consultants, Inc.
844 N. Lenola Road, Suite 1
Moorestown, NJ 08057



September 12, 2023

PA State Historic Preservation Office
400 North Street, Second Floor
Harrisburg PA 17120
ATTN: Justin McKeel, Environmental Review Archaeologist
P: (717) 783-9900 / E: jusmckeel@pa.gov

Re: Prior Disturbance Assessment
Site Name: Hustontown
Terracon Project No. J8237072

Dear Mr. McKeel,

Terracon Consultants, Inc. (Terracon) completed a prior disturbance assessment for a proposed collocation on an existing communications tower. The proposed project involves the placement of antennas on an existing tower and installations of associated support equipment within the existing tower compound. The proposed project is being done by Upward Broadband LLC., with funding partially provided by a grant from the National Telecommunications and Information Administration (NTIA). The proposed project is being conducted with the following specifications:

Site Name:	Hustontown
Terracon Project Number:	J8237072
Address:	9290 Waterfall Road
City, County, State:	Dublin Twp (Hustontown), Fulton County, Pennsylvania 17229
Latitude / Longitude:	40° 2' 29" N / -78° 0' 2.16" W
Tower Height:	405 feet, including attachments
Tower Type:	Existing Guy tower
Project Description:	Collocation of antennas on existing tower and installation of associated equipment within existing tower compound.

The lead federal agency for this project is the NTIA. The NTIA defers to the Federal Communications Commission's (FCC) 2004 Nationwide Programmatic Agreement (NPA) (FCC 2004) for guidance and compliance with Section 106 of the National Historic Preservation Act of 1966, as amended. According to the NPA, the Applicant need not undertake a Field Survey for archaeological resources where the depth of previous disturbance exceeds the proposed construction depth or geomorphological evidence indicates that cultural resource-bearing soils do not occur within the project area. Based on the nature of the proposed undertaking (an antenna collocation on a previously constructed tower) this letter provides an evaluation from a Secretary of Interior (SOI)-qualified archaeologist regarding the applicability of a field survey for the proposed tower collocation.

Project Description

The project is located to south of Waterfall Road (Route 475) in Hustontown, Dublin Township, Fulton County, Pennsylvania. The proposed project will take place within an existing communications compound, which contains a monopole tower supported by guy-lines, associated support equipment, and utilities. The existing compound is contained within a chain link fence, and is accessible via a gravel driveway. The larger parent parcel is cropland, which is currently planted with corn. The proposed project involves the installation of antennas on the existing tower and placement of associated equipment within the tower compound. The project area is depicted on the attached aerial photograph and 7.5-minute United States Geological Survey (USGS) topographic quadrangle.

Records Review

Terracon conducted a search of the Pennsylvania State Historic and Archaeological Resource Exchange (PA-SHARE) online database, maintained by the Pennsylvania State Historic Preservation Office (SHPO) for information on previously recorded historic properties within the project area and within 1.5-mile of the project area. This search radius was determined by the overall height of the existing tower and the guidance on determining the visual area of effects (APE) within the NPA. This search found no historic properties have previously been recorded within the existing tower compound, or within 1.5-mile of the compound. Prior cultural resources projects have occurred within the search radius, and can be seen in the attached map from PA-SHARE.

Background research included an examination of historic photographs and maps of the project area found the parent parcel was vacant land intermittently used as cropland from 1966 until the construction of the existing communications compound sometime between 1994 and 2003. Historic topographic maps dating from 1930 to 2023 were also examined. No structures or development is depicted within the project area on the reviewed topographic maps.

Recommendations

Due to prior ground disturbing activities within the project site, and the small footprint of the proposed collocation, there is a low probability that archaeological materials would be encountered or be found in an undisturbed context. Therefore, no further archaeological investigations are recommended for the proposed project at this time.

Should buried artifacts, human remains, or cultural deposits be encountered during ground disturbing activities, it is Terracon's recommendation that construction immediately halt, and the resources should be examined by a professional archaeologist. Appropriate authorities, including the appropriate tribal entities and SHPO, should be notified.

Prior Disturbance Assessment

Hustontown ■ Hustontown, PA

September 2023 ■ Terracon Project No. J8237072



Closing

We appreciate the opportunity to provide you with this report. If you have any questions or comments, please contact Kathy Eisele at (856) 813-3276 or at Kathy.Eisele@terracon.com.

Sincerely,

Terracon Consultants, Inc.

A handwritten signature in blue ink that reads 'SReece'.

Suzanne Reece, MSc, RPA
Principal Investigator Archaeologist

A handwritten signature in black ink that reads 'Marilyn Zenko'.

Marilyn Zenko
Senior Archaeologist

Attachments:

Project Maps

References

Federal Communications Commission (FCC)

2004 Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission. Available online: <http://wireless.fcc.gov/siting/npa/FCC-04-222A3.pdf>.

Historic Aerials

2023 *Historic Aerial Photograph Database*. Website at <http://www.historicaerials.com/>.

Pennsylvania State Historic Preservation Office (PA SHPO), publisher

2023 *PA-SHARE database*. Website at share.phmc.pa.gov/pashare.

United States Geological Survey (USGS)

2023 *Hustontown, Pennsylvania [map]. 1:24,000 7.5-minute series topographic quadrangle. U.S. Department of the Interior, U.S. Geological Survey, Washington, D.C. Electronic map available from <https://store.usgs.gov/map-locator>.*

Please refer to Appendix B for Site Figures

Please refer to Appendix F for Site Photographs

NO HISTORIC PROPERTIES MEMO

Site Name:	Hustontown
Terracon Project Number:	J8237072
Address:	9290 Waterfall Road
City, County, State:	Dublin Twp (Hustontown), Fulton County, Pennsylvania 17229
Latitude / Longitude:	40° 2' 29" N / 78° 0' 2.16" W
Tower Height:	405 feet, including attachments
Tower Type:	Existing Guy tower
Project Description:	Collocation of antennas on existing tower and installation of associated equipment within existing tower compound.

Federal Communications Commission (FCC) regulations require that the client consider the effects of the proposed undertaking on historic properties in compliance of the *National Programmatic Agreement (NPA) for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission* (Nationwide PA [FCC 04-222]) and the National Historic Preservation Act (NHPA), as amended. In fulfillment of these requirements, Terracon conducted a historic resource records review for the proposed project.

The goal of the review was to determine if National Register of Historic Places (NRHP) eligible or NRHP-listed historic resources are located within the visual area of potential effect (APE) for the project.

The APE for visual effects is therefore considered to be a 1.5-mile radius, per the 2004 Programmatic Agreement (Section VI.4.a), which defines the visual APE as a 1.5-mile radius for towers 400 feet or more in height (unless otherwise determined through consultation between the applicant and the local SHPO office).

Records Review

File review of State Historic Preservation Office resources was conducted by an SOI-qualified Principal Investigator for the project's visual APE. Based on the result of the file review, no NRHP listed or NRHP eligible resources were identified in the APE; therefore, no further work was conducted regarding visual impacts.

There are no known cultural resources, archaeological sites, or historic properties within the half-mile visual APE that are listed in or eligible for listing in the NRHP. Therefore, Terracon recommends a finding that no historic properties are within the APE for visual effects.



Pennsylvania State Historic Preservation Office

PENNSYLVANIA HISTORICAL AND MUSEUM COMMISSION

September 28, 2023

Sent Via PA-SHARE

RE: ER Project # 2023PR04740.001, Hustontown Collocation, National Telecommunications and Information Admini, Taylor Township, Fulton County

Dear Submitter,

Thank you for submitting information concerning the above referenced project. The Pennsylvania State Historic Preservation Office (PA SHPO) reviews projects in accordance with state and federal laws. Section 106 of the National Historic Preservation Act of 1966, and the implementing regulations (36 CFR Part 800) of the Advisory Council on Historic Preservation, is the primary federal legislation. The Environmental Rights amendment, Article 1, Section 27 of the Pennsylvania Constitution and the Pennsylvania History Code, 37 Pa. Cons. Stat. Section 500 et seq. (1988) is the primary state legislation. These laws include consideration of the project's potential effects on both historic and archaeological resources.

Above Ground Resources

No Above Ground Concerns - Environmental Review - No Effect - Above Ground

Based on the information received and available within our files, it is our opinion that the proposed project will have No Effect on above ground historic properties, including historic buildings, districts, structures, and/or objects, should they exist. Should the scope of the project change and/or should you be made aware of historic property concerns, you will need to reinitiate consultation with our office using PA-SHARE.

For questions concerning above ground resources, please contact John Gardosik at jgardosik@pa.gov.

Archaeological Resources

No Archaeological Concerns - Environmental Review - No Effect - Archaeological

Based on the information received and available in our files, in our opinion, the proposed project should have No Effect on archaeological resources. Our analysis indicates that archaeological resources are potentially located in this project area. Should the scope of the project be amended to include additional ground-disturbing activity and/or should you be made aware of historic property concerns, you will need to reinitiate consultation with our office using PA-SHARE.

For questions concerning archaeological resources, please contact John Gardosik at jgardosik@pa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Emma Diehl". The signature is fluid and cursive, with the first name "Emma" and last name "Diehl" clearly distinguishable.

Emma Diehl

Environmental Review Division Manager

Jacks Mountain New Tower
Section 106 Documentation

Notification Date:

File Number:

General Information

1) (Select only one) (NE) NE – New UA – Update of Application WD – Withdrawal of Application	
2) If this application is for an Update or Withdrawal, enter the file number of the pending application currently on file.	File Number:

Applicant Information

3) FCC Registration Number (FRN): 0033898511
4) Name: Ambassador Towers LLC

Contact Name

5) First Name: Ben	6) MI:	7) Last Name: Momose	8) Suffix:
9) Title:			

Contact Information

10) P.O. Box:	And /Or	11) Street Address: 3105 Lincoln Highway East	
12) City: Paradise		13) State: PA	14) Zip Code: 17562
15) Telephone Number: (210)448-2623		16) Fax Number:	
17) E-mail Address: bmomose@upwardbroadband.com			

Consultant Information

18) FCC Registration Number (FRN): 0028057495
19) Name: Terracon Consultants

Principal Investigator

20) First Name: Suzanne	21) MI:	22) Last Name: Reece	23) Suffix:
24) Title:			

Principal Investigator Contact Information

25) P.O. Box:	And /Or	26) Street Address: 844 N. Lenola Road	
27) City: Moorestown		28) State: NJ	29) Zip Code: 08057
30) Telephone Number: (856)813-3267		31) Fax Number:	
32) E-mail Address: Kathy.Eisele@Terracon.com			

Professional Qualification

33) Does the Principal Investigator satisfy the Secretary of the Interior's Professional Qualification Standards?	(<input checked="" type="checkbox"/>) <u>Y</u> es () <u>N</u> o
34) Areas of Professional Qualification: (<input checked="" type="checkbox"/>) Archaeologist () Architectural Historian () Historian () Architect () Other (Specify) _____	

Additional Staff

35) Are there other staff involved who meet the Professional Qualification Standards of the Secretary of the Interior?	() <u>Y</u> es (<input checked="" type="checkbox"/>) <u>N</u> o
--	--

If "YES," complete the following:

36) First Name:	37) MI:	38) Last Name:	39) Suffix:
40) Title:			
41) Areas of Professional Qualification: () Archaeologist () Architectural Historian () Historian () Architect () Other (Specify) _____			

Site Information

Tower Construction Notification System

1) TCNS Notification Number: **NTIA TCNS No. 270470**

Site Information

2) Positive Train Control Filing Subject to Expedited Treatment Under Program Comment: () Yes (**X**) No

3) Site Name: **Jacks Mountain**

4) Site Address: **21204 Laurel Mountain Road**

5) Detailed Description of Project:

Construction of self-support telecommunications tower

6) City: **Cromwell Township**

7) State: **PA**

8) Zip Code: **17264**

9) County/Borough/Parish: **HUNTINGDON**

10) Nearest Crossroads: **Southeast of Laurel Mountain Road and Leidig Road**

11) **NAD 83** Latitude (DD-MM-SS.S): **40-14-07.1**

(**X**) N or () S

12) **NAD 83** Longitude (DD-MM-SS.S): **077-58-20.2**

() E or (**X**) W

Tower Information

13) Tower height above ground level (include top-mounted attachments such as lightning rods): **199.0** (**X**) Feet () Meters

14) Tower Type (Select One):

() Guyed lattice tower

(**X**) Self-supporting lattice

() Monopole

() Other (Describe):

Project Status

15) Current Project Status (Select One):

(**X**) Construction has not yet commenced

() Construction has commenced, but is not completed

Construction commenced on: _____

() Construction has been completed

Construction commenced on: _____

Construction completed on: _____

Determination of Effect

14) Direct Effects (Select One):

- (☒) No Historic Properties in Area of Potential Effects (APE)
- (☐) No Effect on Historic Properties in APE
- (☐) No Adverse Effect on Historic Properties in APE
- (☐) Adverse Effect on one or more Historic Properties in APE

15) Visual Effects (Select One):

- (☒) No Historic Properties in Area of Potential Effects (APE)
- (☐) No Effect on Historic Properties in APE
- (☐) No Adverse Effect on Historic Properties in APE
- (☐) Adverse Effect on one or more Historic Properties in APE

Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultural significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects?	(<input checked="" type="checkbox"/>) <u>Y</u> es () <u>N</u> o
2a) Tribes/NHOs contacted through TCNS Notification Number: _____ Number of Tribes/NHOs: <u>0</u>	
2b) Tribes/NHOs contacted through an alternate system: NTIA TCNS No. 270470 Number of Tribes/NHOs: <u>13</u>	

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name:

Contact Name

5) First Name:	6) MI:	7) Last Name:	8) Suffix:
9) Title:			

Dates & Response

10) Date Contacted _____	11) Date Replied _____
() No Reply	
() Replied/No Interest	
() Replied/Have Interest	
() Replied/Other	

Other Tribes/NHOs Contacted

Tribe/NHO Information

1) FCC Registration Number (FRN):
2) Name:

Contact Name

3) First Name:	4) MI:	5) Last Name:	6) Suffix:
7) Title:			

Contact Information

8) P.O. Box:	And /Or	9) Street Address:	
10) City:		11) State:	12) Zip Code:
13) Telephone Number:		14) Fax Number:	
15) E-mail Address:			
16) Preferred means of communication: () E-mail () Letter () Both			

Dates & Response

17) Date Contacted _____	18) Date Replied _____
() No Reply	
() Replied/No Interest	
() Replied/Have Interest	
() Replied/Other	

Historic Properties

Properties Identified

1) Have any historic properties been identified within the APEs for direct and visual effect?	() <u>Y</u> es (X) <u>N</u> o
2) Has the identification process located archaeological materials that would be directly affected, or sites that are of cultural or religious significance to Tribes/NHOs?	() <u>Y</u> es (X) <u>N</u> o
3) Are there more than 10 historic properties within the APEs for direct and visual effect? If "Yes", you are required to attach a Cultural Resources Report in lieu of adding the Historic Property below.	() <u>Y</u> es (X) <u>N</u> o

Historic Property

4) Property Name:
5) SHPO Site Number:

Property Address

6) Street Address:		
7) City:	8) State:	9) Zip Code:
10) County/Borough/Parish:		

Status & Eligibility

11) Is this property listed on the National Register? Source: _____	() <u>Y</u> es () <u>N</u> o
12) Is this property eligible for listing on the National Register? Source: _____	() <u>Y</u> es () <u>N</u> o
13) Is this property a National Historic Landmark?	() <u>Y</u> es () <u>N</u> o

14) Direct Effects (Select One): <input type="checkbox"/> No Effect on this Historic Property in APE <input type="checkbox"/> No Adverse Effect on this Historic Property in APE <input type="checkbox"/> Adverse Effect on this Historic Property in APE
15) Visual Effects (Select One): <input type="checkbox"/> No Effect on this Historic Property in APE <input type="checkbox"/> No Adverse Effect on this Historic Property in APE <input type="checkbox"/> Adverse Effect on this Historic Property in APE

Local Government Involvement

Local Government Agency

1) FCC Registration Number (FRN):
2) Name: Cromwell Township

Contact Name

3) First Name: N/A	4) MI:	5) Last Name: N/A	6) Suffix:
7) Title:			

Contact Information

8) P.O. Box:	And /Or	9) Street Address: 10999 Valley Street	
10) City: Shirleysburg		11) State: PA	12) Zip Code: 17260
13) Telephone Number: (814)447-3163		14) Fax Number:	
15) E-mail Address: cthc@cromwelltp.com			
16) Preferred means of communication: (<input checked="" type="checkbox"/>) E-mail () Letter () Both			

Dates & Response

17) Date Contacted 08/21/2023	18) Date Replied _____
(<input checked="" type="checkbox"/>) No Reply	
() Replied/No Interest	
() Replied/Have Interest	
() Replied/Other	

Additional Information

19) Information on local government's role or interest (optional):
--

Other Consulting Parties

Other Consulting Parties Contacted

1) Has any other agency been contacted and invited to become a consulting party?	(<input checked="" type="checkbox"/>) <u>Yes</u> () <u>No</u>
--	---

Consulting Party

2) FCC Registration Number (FRN):
3) Name: Huntingdon County Historical Society

Contact Name

4) First Name: Margaret	5) MI:	6) Last Name: Skrivseth	7) Suffix:
8) Title:			

Contact Information

9) P.O. Box: PO Box 305	And /Or	10) Street Address: 106 Fourth Street	
11) City: Huntingdon		12) State: PA	13) Zip Code: 16652
14) Telephone Number: (814)643-5449		15) Fax Number:	
16) E-mail Address: hchsmail@gmail.com			
17) Preferred means of communication: (<input checked="" type="checkbox"/>) E-mail () Letter () Both			

Dates & Response

18) Date Contacted 08/21/2023	19) Date Replied _____
(<input checked="" type="checkbox"/>) No Reply () Replied/No Interest () Replied/Have Interest () Replied/Other	

Additional Information

20) Information on other consulting parties' role or interest (optional):

Designation of SHPO/THPO

1) Designate the Lead State Historic Preservation Officer (SHPO) or Tribal Historic Preservation Officer (THPO) based on the location of the tower.

SHPO/THPO

Name: **Pennsylvania State Historic Preservation Office**

2) You may also designate up to three additional SHPOs/THPOs if the APEs include multiple states. If the APEs include other countries, enter the name of the National Historic Preservation Agency and any state and provincial Historic Preservation Agency.

SHPO/THPO Name: _____

SHPO/THPO Name: _____

SHPO/THPO Name: _____

Certification

I certify that all representations on this FCC Form 620 Submission Packet and the accompanying attachments are true, correct, and complete.

Party Authorized to Sign

First Name:

MI:

Last Name:

Suffix:

Signature:

Date: _____

FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID.

WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18, Section 1001) AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).

Attachments :

Type

Description

Date Entered

Suzanne Reece, MSC, RPA

PRINCIPAL INVESTIGATOR - ARCHAEOLOGY

PROFESSIONAL EXPERIENCE

Ms. Reece is an Archaeologist and Principal Investigator in our Minnesota office. Ms. Reece has worked as an archaeological Principal Investigator throughout the upper Midwest. She has planned, managed, and conducted numerous cultural resources surveys for both public and private clients ranging from individual landowners to federal agencies. Ms. Reece has expertise in the areas of historical research, pedestrian and subsurface archaeological investigations, human and animal skeletal analysis, artifact identification and curation, as well as mitigation of disturbances to archaeological sites. She also has extensive experience in evaluation of historic structures and archaeological sites for National Register of Historic Places (NRHP) eligibility.

PROPERTY DEVELOPMENT

Ms. Reece has done extensive work with both private and public sector clients assessing proposed site locations for cultural resources. Her work has helped clients avoid costly delays by identifying archaeological sites and historic properties prior to land purchases and the start of construction. She has conducted literature searches (desktop reviews), intensive Phase I and Phase II surveys, and archaeological monitoring of construction activities in support of site selection and property development projects. Some of the property development and site selection projects Ms. Reece has worked on include: residential developments, municipal and state land purchases, industrial park development, and wetland mitigation banks.

INFRASTRUCTURE DEVELOPMENT

Ms. Reece has planned and conducted numerous cultural resources surveys related to the repair, replacement, and creation of modern infrastructure. She has conducted literature searches (desktop reviews) for utility installations within road rights-of-way, as well as intensive Phase II surveys and Phase III treatment plans for waterline, sewer line, telecommunication, and flood mitigation projects. While conducting these surveys, Ms. Reece has also gained experience in identifying and documenting historic structures and historic districts.

MUNICIPAL, STATE, AND FEDERAL PROPERTY

Ms. Reece has conducted many cultural resources studies on public lands owned by a government entity. In conducting these projects, she has played a role in obtaining the necessary state and federal archaeological permits, overseen compliance with permit stipulations, and conducted and documented the resulting fieldwork. She has conducted archival research,



EDUCATION

Master of Science,
Osteoarchaeology, University of
Edinburgh, 2013.

Bachelor of Arts, Anthropology,
University of Minnesota, 2011.

AFFILIATIONS

American Association of Biological
Anthropologists (AABA)

International Council for
Archaeozoology (ICAZ)

Register of Professional
Archaeologists (RPA)

WORK HISTORY

Terracon Consultants, Inc., St. Paul,
Minnesota. Principal Investigator,
2018-Present.

Kogel Archaeological Consulting
Services, Sioux Falls, South Dakota.
Principal Investigator, 2013-2018.

University of Edinburgh, Edinburgh,
Scotland. Osteoarchaeologist, 2013.

University of Minnesota,
Minneapolis, Minnesota. Laboratory
Intern, 2010; Excavator, 2008.

Suzanne Reece, MSC, RPA

PRINCIPAL INVESTIGATOR - ARCHAEOLOGY

Phase I reconnaissance surveys and intensive Phase II surveys, mortuary feature relocation surveys, Phase III treatment plans and investigations, and archaeological monitoring for projects on public land.

TRANSPORTATION IMPROVEMENTS

Ms. Reece has led cultural resources planning efforts and fieldwork for numerous transportation improvement projects which require compliance with state or federal historic preservation laws. These projects have included improvements to railways, road construction and expansion, highway erosion and floodwater mitigation studies, as well as cultural resources oversight of soil borrow project areas. She has conducted research and prepared reports on the historic significance of structures such as bridges and culverts and how to mitigate their loss of historic integrity during repairs or replacements.

OSTEOARCHAEOLOGICAL PROJECT EXPERIENCE

COMPLEX AND COMINGLED CONTEXTS

From the start of her archaeological training, Ms. Reece has worked with comingled human and animal skeletal remains from complex archaeological contexts. She has undertaken projects that involve sorting and identification of comingled skeletal remains from archaeological sites from the United States and around the world, including work with assemblages from Algeria, the Caucasus Mountains, Ireland, Spain, Turkey, and the United Kingdom. Her experience with human and non-human skeletal materials has proven invaluable in the analysis and proper identification of osseous material in both field and laboratory settings, particularly when fragmentary remains are involved.

MORTUARY FEATURE IDENTIFICATION

As a Principal Investigator, Ms. Reece has been responsible for the identification and investigation of potential burial features encountered during cultural resources surveys. Her experience includes identification and non-intrusive investigation of burial mound sites, determining likely burial mound locations based on historical and ethnographic documentation, and minimally invasive excavation of unconfirmed mortuary features. Ms. Reece has also conducted historic research and pedestrian surveys to identify the boundaries of historic cemeteries to ensure that proposed projects do not encroach on any unmarked burials that may be present.

SKELETAL ANALYSIS

In her work, Ms. Reece has used modern techniques to identify important biological information from human skeletal remains, including age, sex, height, and ancestry indicators. Her work has also included documentation and identification of both pathological conditions and traumatic injuries. Ms. Reece has conducted skeletal analysis with complete, partial, and fragmentary osseous material, as well as cremated remains ("cremains"). Her experience with analysis of animal remains includes identification of species, sex, age, body size estimations, pathological conditions, and traumatic injuries. Ms. Reece is also experienced in the identification of taphonomic changes in bone caused by human and animal activity as well as natural weathering processes.

Please refer to Appendix B for Site Figures

ADDITIONAL SITE INFORMATION

Terracon understands that Ambassador Towers LLC is proposing to build a telecommunications tower with associated antennas and equipment enclosures under the following specifications:

Site Name:	Jacks Mountain
Terracon Project Number:	J8237072
Address:	21204 Laurel Mountain Road
City, County, State:	Cromwell Twp (Three Springs), Huntingdon County, Pennsylvania 17264
Latitude / Longitude:	40° 14' 7.08"N / 77° 58' 20.20" W
Proposed Lease Area:	10,000 square feet
Proposed Tower Height:	199 feet, including attachments
Tower Type:	Self-support

The project consists of an approximate 10,000 square-foot tower compound and associated 20-foot by 575-foot access/utility easement. The proposed self-support tower will be 199 feet in overall height. The project site and surrounding properties are undeveloped, wooded land.



UNITED STATES DEPARTMENT OF COMMERCE
National Telecommunications and
Information Administration
Washington, D.C. 20230

**NOTICE OF ORGANIZATION(S) WHICH WERE SENT PROPOSED
BROADBAND PROJECT NOTIFICATION INFORMATION**

Date: 08/18/2023

UPWARD BROADBAND
KATHY EISELE
1401 CONSTITUTION AVE.
WASHINGTON, DC 20230

Dear Applicant:

The National Telecommunications and Information Administration (NTIA) is using a modified version of the Federal Communications Commission's (FCC) Tower Construction Notification System (TCNS) as a means of expediting its Broadband grant programs. This notice is to inform you that the following authorized parties were sent information about the application that you submitted to NTIA through TCNS. The information was forwarded to authorized TCNS users by electronic mail and/or regular mail (letter).

Persons who have received the notification that you provided include leaders or their designees of federally-recognized American Indian Tribes, including Alaska Native Villages (collectively "Tribal Nations"), Native Hawaiian Organizations (NHOs), and State Historic Preservation Officers (SHPOs) who have set their geographic preferences on TCNS. For your convenience in identifying the referenced Tribal Nations and NHOs and in making further contacts, the City and State of the Seat of Government for each Tribal Nation and NHO, as well as the designated contact person, is included in the listing below. We note that Tribal Nations may have Section 106 cultural interests in ancestral homelands or other locations that are far removed from their current Seat of Government. Consistent with the FCC's rules as set forth in the NPA, NTIA requires that all Tribal Nations and NHOs listed below are afforded a reasonable opportunity to respond to this notification, consistent with the procedures set forth below.

We note that the review period for all parties begins upon receipt of a full project submittal and notifications that do not provide this serve as information only. If, upon receipt, the Tribal Nation or NHO does not respond within a reasonable time, you should make a reasonable effort at follow-up contact, unless the Tribal Nation or NHO has agreed to different procedures. In the event a Tribal Nation or NHO does not respond to a follow-up inquiry, or if a substantive or procedural disagreement arises between you and a Tribal Nation or NHO, you must seek guidance from NTIA. NTIA will follow procedures consistent with those set forth in the FCC's Second Report and Order released on March 30, 2018 (FCC 18-30).

1. THPO - Jarell Grant - Omaha Tribe of Nebraska - (PO Box: 368) - Macy, NE - jarell.grant@theomahatribe.com; mark.parker@theomahatribe.com - 402-837-5391 (ext: 434) - electronic mail

Details: Please note we have updated procedures. Please email us at Omahatribefcctns@outlook.com

2. TCNS Coordinator - Tiffany Martinez - Delaware Nation - 31064 State Highway 281 (PO Box: 825) - Anadarko, OK - tmartinez@delawarenation-nsn.gov; epaden@delawarenation-nsn.gov - 405-247-2448 (ext: 1403) - electronic mail
Details: The Delaware Nation of Oklahoma Historic Preservation Office has developed the following consultation procedures for all TCNS projects identified as undertakings by the Federal Communications Commission. In the email subject line, please specify whether the project is for a tower, small cell, or collocation. Our response can be given faster

with this information.

3. Cultural Preservation Director - Carol Butler - Absentee-Shawnee Tribe of Indians of Oklahoma - 2025 S. Gordon Cooper Drive - Shawnee, OK - fccasttens@gmail.com - 405-275-4030 (ext: 6312) - electronic mail

4. TCNS Rep - Bryan Printup - Tuscarora Nation - 5226 Walmore Rd - Via: Lewiston, NY - bprintup@hetf.org - 716-264-6011 (ext: 103) - electronic mail

If the applicant/tower builder receives no response from the Tuscarora Nation within 30 days after notification through TCNS, the Tuscarora Nation has no interest in participating in pre-construction review for the proposed site. The Applicant/tower builder, however, must immediately notify the Tuscarora Nation in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

5. THPO - Lawrence Plucinski - Bad River Band of Lake Superior Tribe of Chippewa Indians - (PO Box: 39) - Odanah, WI - thpo@badriver-nsn.gov; deputyTHPO@badriver-nsn.gov - 715-682-7123 - electronic mail

If the applicant/tower builder receives no response from the Bad River Band of Lake Superior Tribe of Chippewa Indians within 30 days after notification through TCNS, the Bad River Band of Lake Superior Tribe of Chippewa Indians has no interest in participating in pre-construction review for the proposed site. The Applicant/tower builder, however, must immediately notify the Bad River Band of Lake Superior Tribe of Chippewa Indians in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

6. THPO - Marvin DeFoe - Red Cliff Band of Lake Superior Chippewa Indians of Wisconsin - 88455 Pike Road, HWY 13 - Bayfield, WI - Marvin.DeFoe@redcliff-nsn.gov; Edwina.Buffalo-Reyes@redcliff-nsn.gov - 715-779-3700 (ext: 4242) - electronic mail

Details: Boozhoo, we do not have the Red Cliff Portal site online anymore and apologize for the inconvenience.

If you have a project that has already been paid for or would like to voluntarily pay for, please email documents for project review to THPO@redcliff-nsn.gov. This address is only to be used by Consultants who are voluntarily paying for projects.

If you have any questions, please contact Marvin Defoe, THPO Manager at (715) 779-3700 Ext. 4244 or Edwina Buffalo-Reyes, THPO Assistant at (715) 779-3700Ext. 4243.

7. THPO - William Tarrant - Seneca-Cayuga Nation - 23701 S 655 Road (PO Box: 453220) - Grove, OK - wtarrant@sctribe.com - 918-787-5452 (ext: 344) - regular mail

Details: Please refrain from sending review information via email. We request all information to be sent via mail to PO Box 453220, Grove, OK 74345.

8. Cell Tower Coordinator - Kelly Nelson - Eastern Shawnee Tribe of Oklahoma - 70500 East 128 Road - Wyandotte, OK - celltower@estoo.net - 918-666-2435 (ext: 1861) - regular mail

Details: DO NOT EMAIL DOCUMENTATION; it will be deleted without being opened.

Submit one printed color copy by US postal mail or other parcel carrier of all documentation to:

Eastern Shawnee Tribe
Attn: CellTower Program
70500 E. 128 Rd.
Wyandotte, OK 74370

Provide a 1-page cover letter with the following information:

- a. TCNS Number
- b. Company Name
- c. Project Name, City, County, State
- d. Project type
- e. Project coordinates
- f. Contact information

The Eastern Shawnee Procedures document is available and highly recommended for guidance; send an email to celltower@estoo.net requesting our most current copy.

9. THPO - Sherri Clemons - Wyandotte Nation - 64700 E, Hwy 60 - Wyandotte, OK - sclemons@wyandotte-nation.org - 918-678-6344 - electronic mail

Details: Please refrain from sending information via mail. We ONLY accept information via email to: sclemons@wyandotte-nation.org. We will advise if we require additional information.

10. THPO - Tonya Tipton - Shawnee Tribe - 29 South 69A Highway - Miami, OK - tcns@shawnee-tribe.com - 918-542-2441 (ext: 103) - electronic mail

Details: In the case of projects with NO ground disturbance such as antennae on the sides of buildings or existing poles, the Shawnee Tribe concurs that no known historic properties will be negatively impacted by the project. The Shawnee Tribe DOES NOT wish to consult on those projects with NO ground disturbance.

If the project DOES involve ground disturbance at all, the Shawnee Tribe would like to ACCEPT your invitation for consultation and will provide a review.

If you have any questions, you may contact the Shawnee Tribe via email at TCNS@shawnee-tribe.com

Thank you for the opportunity to comment.

11. THPO - Jonathan Windy Boy - Chippewa Cree Tribe of the Rocky Boy's Reservation - 96 Clinic Rd North - Box Elder, MT - Taivonjoi17@gmail.com; precisionarchaeology@gmail.com - 406-395-5215 - electronic mail and regular mail

Details: The Chippewa Cree Tribe of the Rocky Boy's Reservation no longer uses IResponse. Please email all review material to taivonjoi17@gmail.com and rep32jwb@gmail.com and mail the packet to 96 Clinic Rd. North, Box Elder Montana 59521. If the qualified and professional reviewers determine that additional information is required, or that field work is required, they will contact you through email and through TCNS. If the Tribe determines that the proposed project will have an effect on historic properties and/or Tribal religious and cultural sites or properties, we will provide notice to the project proponent and to the FCC.

12. THPO - Sarah Thompson - Lac du Flambeau Band of Lake Superior Chippewa Indians - Tribal Historic Preservation Office (PO Box: 67) - Lac du Flambeau, WI - ldfthpo@ldftribe.com - 715-588-2139 - electronic mail
Details: Effective Immediately:

Please send all submissions through email until further notice. Effective 3/23/2020

Please email all submissions to ldfthpo@ldftribe.com

Thank you

13. Deputy THPO, Archaeologist - Susan Bachor - Delaware Tribe of Indians - 126 University Circle Stroud Hall, Rm. 437 - East Stroudsburg, PA - sbachor@delawaretribe.org; lheady@delawaretribe.org - 610-761-7452 - electronic mail
Details: The Delaware Tribe of Indians areas of interest include our aboriginal territories (circa 1600), known locations of historic Delaware settlements, routes of removal and forced migration, and all lands of Delaware aboriginal title ceded by treaty to the United States. If you are receiving this notification, then your project falls within these areas of interest and we ask that you provide us with a cover letter describing the project and its location (including the project coordinates) as well as a topographic map showing the project location. If an archaeological survey has already been performed in preparation for the project, please send a copy of that as well. Additionally, we may request a biological assessment of culturally significant treaty resources which may be affected by the proposed undertaking.

We are only interested in consulting on projects that involve ground disturbance that is planned to take place in both undisturbed and previously disturbed contexts. We are not interested in consulting on collocations or projects that involve no ground disturbance. If your project does involve ground disturbance or you do not receive a response from us within 30 days of submitting the above project information, then we have no comments on the project. However, if any archaeological resources or human remains are disturbed at any point in the project planning or construction, we ask that the project be halted until we can be notified of the inadvertent discovery and can determine the most appropriate course of action. If your company would like a formal written response from the Delaware Tribe concerning the potential impact of your project to culturally and religiously significant sites, please contact Susan Bachor at sbachor@delawaretribe.org to request such a response.

In order to better facilitate consultation throughout our areas of interest we have three regional tribal historic preservation offices. While our Tribal Headquarters remains in Oklahoma, our Eastern Office in Pennsylvania is the point of contact for all consultation within our Eastern Region which includes the states of Massachusetts, Connecticut, New York, New Jersey, Pennsylvania, Delaware, Maryland and Virginia. If your project exists in any of these states, please contact Susan Bachor with the above project information at the following e-mail address. All offices prefer digital submissions and the project information can be submitted by e-mail.

Susan Bachor, Acting Director of Historic Preservation
Eastern Office
126 University Circle
Stroud Hall, Rm. 437
East Stroudsburg PA 18301
(610) 761-7452
sbachor@delawaretribe.org

Our Midwestern office is the point of contact for all consultation within our Midwestern region which includes the states of West Virginia, Ohio, Indiana, Michigan and Illinois. If your project exists in any of these states, please contact Larry Heady with the above project information at the following e-mail address. Our Midwestern office prefers to receive digital submissions and the project information can be submitted by e-mail.

Larry Heady, THPO
Midwestern Office
125 Dorry Lane, Grants Pass, OR 97527
lheady@delawaretribe.org
(262) 825-7586

We, at the Delaware Tribe Historic Preservation Office, along with our Chief and Tribal Council remain committed to protecting the cultural and physical integrity of our historic sites, traditional cultural properties, sacred sites, objects of cultural patrimony, and most importantly, the remains of our Ancestors. We look forward to working with you on our shared interests in preserving and protecting Delaware heritage within our areas of interest.

The information you provided was also forwarded to the additional Tribes and NHOs listed below. These Tribes and NHOs have NOT set their geographic preferences on TCNS, and therefore they are currently receiving tower notifications for the entire United States.

The information you provided was also forwarded to the following SHPOs in the state in which you propose to construct and neighboring states. The information was provided to these SHPOs as a courtesy for their information and planning.

14. - Amanda Terrell - Ohio History Connection - 800 E. 17th Avenue - Columbus, OH - aterrell@ohiohistory.org - 614-298-2000 - electronic mail

15. Historic Preservation Supervisor - Barbara Frederick - Pennsylvania State Historic Preservation Office - Pennsylvania Historical & Museum Commission 400 North St, 2nd Floor - Harrisburg, PA - bafrederic@pa.gov - 717-772-4519 - electronic mail

16. Deputy SHPO - Susan Pierce - West Virginia Division of Culture & History, Historic Preservation Office - 1901 Kanawha Boulevard East - Charleston, WV - susan.pierce@wvculture.org - - electronic mail

17. SHPO - Barbara Franco - Pennsylvania Historical and Museum Commission - 300 North Street - Harrisburg, PA - bcutler@state.pa.us - 717-787-2891 - electronic mail

TCNS automatically forwards all notifications to all Tribal Nations and SHPOs that have an expressed interest in the geographic area of a proposal. A particular Tribal Nation or SHPO may also set forth policies or procedures within its details box that exclude from review certain facilities (for example, a statement that it does not review collocations with no ground disturbance or that indicates that no response within 30 days indicates no interest in participating in pre-construction review).

Please be advised that the NTIA cannot guarantee that the contact(s) listed above opened and reviewed an electronic or regular mail notification. The following information relating to the proposed project was forwarded to the person(s) listed above.

Notification Received: 08/10/2023

Notification ID: 270470

Project Number: 53

Applicant: Upward Broadband

Applicant Contact: Kathy Eisele

Project Type(s): Multiple Project Components

Region(s) affected (State, County): PENNSYLVANIA, FULTON PENNSYLVANIA, HUNTINGDON

Address or Geographical Location Description: Project Name: NTIA / Upward Broadband Section 4
New Tower Construction (3 sites) and Existing Tower Collocation (1 site) in Fulton and Huntingdon Counties, Pennsylvania
See attached project description and maps for details.

If you have any questions or comments regarding the content of this notice, please contact NTIA at: TCNS@ntia.gov.



844 N. Lenola Road, Suite 1
Moorestown, NJ 08057
P (856) 813-3267
F (856) 813-3279
Terracon.com

August 21, 2023

Cromwell Township
10999 Valley Street
Shirleysburg, Pennsylvania 17260
Phone: 814-447-3163 / Email: cthc@cromwelltwp.com

RE: Invitation to Comment as a Consulting Party on a Proposed Telecommunications Tower

Site Name:	Jacks Mountain
Terracon Project Number:	J8237072
Address:	21204 Laurel Mountain Road
City, County, State:	Cromwell Township (Three Springs), Huntingdon County, Pennsylvania 17264
Latitude / Longitude:	40° 14' 7.08"N / 77° 58' 20.20" W
Proposed Lease Area:	10,000 square feet
Proposed Tower Height:	199 feet, including attachments
Tower Type:	Self-support

To Whom it May Concern:

In accordance with Section 106 of the National Historic Preservation Act (Section 106), the above-referenced proposed broadband deployment project is being evaluated for its potential effects to tribal resources, archaeological sites, or historic resources. If approved, funding for the above-referenced broadband deployment projects will be, in part, provided through a grant from the U.S. Department of Commerce, National Telecommunications & Information Administration (NTIA). As such, the proposed project is a federal undertaking subject to consultation under Section 106.

Terracon is writing to invite your comment on the effect of the above-referenced project on historic resources within the project's Area of Potential Effects (APE).

Field assessment for both historic properties and archaeological sites will be conducted, and a determination will be made of the project's direct and indirect effects on eligible properties. Consulting parties are invited to provide information concerning historic or archaeological properties already listed in the National Register or that could be eligible for listing in the National Register. We welcome your comments regarding the effect of the tower on historic resources that may be listed in or eligible for the National Register of Historic Places.

If you would like to comment, please respond to this letter within 30 days of its receipt. Thank you for your response on this matter. If you have any questions, please do not hesitate to call. If you wish to respond by email, I may be reached at kathy.eisele@terracon.com and (856) 813-3267.

Sincerely,
Terracon Consultants, Inc.

Kathryn A. Eisele
Sr. Project Manager

Attachment: Project Location Map with APE

Explore with us



844 N. Lenola Road, Suite 1
Moorestown, NJ 08057
P (856) 813-3267
F (856) 813-3279
Terracon.com

August 21, 2023

Huntingdon County Historical Society
PO Box 305
106 Fourth Street
Huntingdon, Pennsylvania 16652
ATTN: Margaret Skrivseth, Executive Director
Phone 814-643-5449 / Email: hchsmail@gmail.com

RE: Invitation to Comment as a Consulting Party on a Proposed Telecommunications Tower

Site Name:	Jacks Mountain
Terracon Project Number:	J8237072
Address:	21204 Laurel Mountain Road
City, County, State:	Cromwell Township (Three Springs), Huntingdon County, Pennsylvania 17264
Latitude / Longitude:	40° 14' 7.08"N / 77° 58' 20.20" W
Proposed Lease Area:	10,000 square feet
Proposed Tower Height:	199 feet, including attachments
Tower Type:	Self-support

To Whom it May Concern:

In accordance with Section 106 of the National Historic Preservation Act (Section 106), the above-referenced proposed broadband deployment project is being evaluated for its potential effects to tribal resources, archaeological sites, or historic resources. If approved, funding for the above-referenced broadband deployment projects will be, in part, provided through a grant from the U.S. Department of Commerce, National Telecommunications & Information Administration (NTIA). As such, the proposed project is a federal undertaking subject to consultation under Section 106.

Terracon is writing to invite your comment on the effect of the above-referenced project on historic resources within the project's Area of Potential Effects (APE).

Field assessment for both historic properties and archaeological sites will be conducted, and a determination will be made of the project's direct and indirect effects on eligible properties. Consulting parties are invited to provide information concerning historic or archaeological properties already listed in the National Register or that could be eligible for listing in the National Register. We welcome your comments regarding the effect of the tower on historic resources that may be listed in or eligible for the National Register of Historic Places.

If you would like to comment, please respond to this letter within 30 days of its receipt. Thank you for your response on this matter. If you have any questions, please do not hesitate to call. If you wish to respond by email, I may be reached at kathy.eisele@terracon.com and (856) 813-3267.

Sincerely,
Terracon Consultants, Inc.

Kathryn A. Eisele
Sr. Project Manager

Attachment: Project Location Map with APE

Explore with us

Proof of Publication of Legal Notice

In Accordance with the Provisions of "Newspaper Advertising Act" approved May 16, 1929, P.L. 1784, as amended

Proof of Publication

VS.

State of Pennsylvania
County of Huntingdon

SS:

Copy of Notice or
Advertisement

PUBLIC NOTICE: Ambassador Towers LLC is proposing to build a 199-ft Self-Support Telecommunications Tower located 21204 Laurel Mountain Rd, Cromwell Twp (Three Springs), Huntingdon Co., PA 17264 (40° 14' 7.08"N / 77° 58' 20.20" W). Public comments regarding potential effects from this site on historic properties may be submitted within 30-days from the date of this publication to: K. Eisele, Terracon, 844 N. Lenola Rd, Ste 1, Moorestown, NJ 08057, 856-813-8267, or Kathy.eisele@terracon.com.

PUBLIC NOTICE: Ambassador Towers LLC is proposing to build a 199-ft Self-Support Telecommunications Tower located near 7876 Chilcote Hollow Rd, Logan Twp (Petersburg), Huntingdon Co., PA 16669 (40° 35' 10.89" N / 78° 00' 43.88" W). Public comments regarding potential effects from this site on historic properties may be submitted within 30-days from the date of this publication to: K. Eisele, Terracon, 844 N. Lenola Rd, Ste 1, Moorestown, NJ 08057, 856-813-8267, or Kathy.eisele@terracon.com.

PUBLIC NOTICE: Ambassador Towers LLC is proposing to collocate antennas on an existing 255-ft Self-Support Telecommunications Tower located at 5299 Saulsburg Loop Rd, Barree Twp (Huntingdon), Huntingdon Co., PA 16652 (40° 37' 47.69" N / 77° 54' 24.08" W). Public comments regarding potential effects from this site on historic properties may be submitted within 30-days from the date of this publication to: K. Eisele, Terracon, 844 N. Lenola Rd, Ste 1, Moorestown, NJ 08057, 856-813-8267, or Kathy.eisele@terracon.com.

PUBLIC NOTICE: Ambassador Towers LLC is proposing to build a 199-ft Self-Support Telecommunications Tower located near 7387 Gibbs Lane, Union Twp (Huntingdon), Huntingdon County, PA 16652 (40° 23' 21.37" N, 78° 1' 26.32" W). Public comments regarding potential effects from this site on historic properties may be submitted within 30-days from the date of this publication to: K. Eisele, Terracon, 844 N. Lenola Rd, Ste 1, Moorestown, NJ 08057, 856-813-8267, or Kathy.eisele@terracon.com.

PUBLIC NOTICE: Ambassador Towers LLC is proposing to collocate antennas on an existing 325-ft Guyed Telecommunications Tower located 1,900 ft SE of 12951 Raystown Rd, Penn Twp (Huntingdon), Huntingdon County, PA 16652(40° 25' 40.37" N / 78° 6' 35.27" W). Public comments regarding potential effects from this site on historic properties may be submitted within 30-days from the date of this publication to: K. Eisele, Terracon, 844 N. Lenola Rd, Ste 1, Moorestown, NJ 08057, 856-813-8267, or Kathy.eisele@terracon.com.

BETSY CLINGER HIKES, being duly sworn according to law, deposes that she is ADMINISTRATIVE ASSISTANT of The Daily News, a newspaper of general circulation in Huntingdon County, Published at Huntingdon, Pennsylvania, daily established in 1922 and that the legal notice attached hereto and made part hereof was published in said Newspaper August 26, 2023 ;

that the affiant is not interested in any manner in the subject matter of said notice or advertisement, and that all of the allegations contained herein as to

Betsy Clinger Hikes

the time, place and character of the said publication are true and correct.

Sworn to and subscribed before me this 31st

day of August A.D. 2023

My Commission expires

Sarah Share

Prothonotary

Huntingdon County, Pennsylvania

My Commission Expires First Monday 2026

Sarah Share

Statement of Advertising Costs

to Terracon - 5 Public Notices for Ambassador Towers, LLC.

or August 26 2023 \$142.60

publishing Notice or Advertisement attached hereto on above dates \$ 5.25

Probating same PROOF OF PUBLICATION Total \$147.85

Publisher's Receipt for Advertising Costs

The Daily News, by the publisher or authorized representative whose signature follows, hereby acknowledges receipt of the aforesaid advertising and probation costs and certifies that the same have been fully paid.

THE DAILY NEWS

By

AREAS OF POTENTIAL EFFECTS

Site Name:	Jacks Mountain
Terracon Project Number:	J8237072
Address:	21204 Laurel Mountain Road
City, County, State:	Cromwell Twp (Three Springs), Huntingdon County, Pennsylvania 17264
Latitude / Longitude:	40° 14' 7.08"N / 77° 58' 20.20" W
Proposed Lease Area:	10,000 square feet
Proposed Tower Height:	199 feet, including attachments
Tower Type:	Self-support

A. Direct Effects

The direct APE was determined to be the approximate 10,000 square-foot tower compound and a proposed utility/access easement.

B. Visual Effects

The proposed tower will be approximately 199 feet in overall height. The APE for visual effects is therefore considered to be a 0.5-mile radius, per the 2004 Programmatic Agreement (Section VI.4.a), which defines the visual APE as a 0.5-mile radius for towers 200 feet or less in height (unless otherwise determined through consultation between the applicant and the local SHPO office).

Phase I Cultural Resources Survey

Site Name: Jacks Mountain
Three Springs, Cromwell Township
Huntingdon County, Pennsylvania 17264

September 24, 2023 | Project Number: J8237072

Prepared for:

Ambassador Towers LLC.
Paradise, Pennsylvania

Prepared by:

Suzanne Reece, MSc, RPA
Josh Duncan
Terracon Consultants, Inc.
Blue Bell, Pennsylvania

Table of Contents

Executive Summary	ii
1.0 Introduction	1
2.0 Project Information	1
2.1 Project Area Description.....	1
2.2 Objectives and Research Design.....	2
3.0 Cultural Chronology and Ethnohistoric Context.....	2
4.0 Records Search and Background Research Results	9
5.0 Fieldwork	10
6.0 Summary and Recommendations	11
7.0 References	13
Appendix A Site Plan and Maps	
Appendix B Project Area Photographs	

Executive Summary

Ambassador Towers LLC. proposes to construct a new communications tower and support facility near Three Springs, Cromwell Township, Huntingdon County, Pennsylvania. The project includes the construction of a communications tower, an equipment compound, installation of utility lines to connect to a planned solar installation, and construction of an access drive. The development of the solar installation is not included in the scope of this Undertaking, however, is considered a connected action of the project. The Undertaking associated with the proposed solar development will be addressed in a separate report. After completion of construction, the tower will be operated under Upward Broadband LLC., who has hired Terracon to assist with the permitting process associated with the project. This tower and associated support equipment are proposed with the following specifications:

Site Name:	Jacks Mountain
Terracon Project Number:	J8237072
Address:	21204 Laurel Mountain Road
City, County, State:	Cromwell Township (Three Springs), Huntingdon County, Pennsylvania 17264
Latitude / Longitude:	40° 14' 7.08"N / 77° 58' 20.20" W
Proposed Lease Area:	10,000 square feet
Proposed Tower Height:	199 feet (overall height), including attachments
Tower Type:	Self-support

The lead federal agency for the proposed project is the National Telecommunications and Information Administration (NTIA), who is providing grant funding to assist with the construction of the communications tower. The NTIA defers to the Federal Communications Commission's (FCC) 2004 Nationwide Programmatic Agreement (NPA) for guidance and compliance with Section 106 of the National Historic Preservation Act of 1966, as amended. As such, the project proponent must consider the effects of the proposed undertaking on historic properties in compliance with the standards of the NPA. Secretary of Interior qualified Archaeologist Suzanne Reece, MSc, RPA, (Principal Investigator) inventoried historic properties within the area of potential effect (APE) with Staff Archaeologist Josh Duncan. The aim of this investigation was to determine if historic properties are located within the APE for direct or visual effects, and to determine if the proposed communications tower installation would have an adverse effect on cultural resources listed in, or eligible for listing in, the National Register of Historic Places (NRHP). The records search and field investigation were conducted in accordance with federal standards and the Pennsylvania State Historic Preservation Office's Guidelines for Archaeological Investigations in Pennsylvania (PA SHPO 2021). Based on the records search and field investigation, Terracon recommends a finding of *no historic properties* for the direct APE. No recorded historic properties are currently mapped within the 0.5-mile search radius. As such, Terracon recommends a finding of *no historic properties* for the APE of visual effects.

1.0 Introduction

Ambassador Towers LLC. is proposing to install a communications tower with attached antenna array and lighting rod near Three Springs, Cromwell Township, Huntingdon County, Pennsylvania. The proposed overall height will be 199-feet, with appurtenances. The proposed project area is located on undeveloped property off to the east of Laurel Mountain Road. Neighboring parcels contain cabins. The APE for direct effects consists of the proposed project area including the location of the tower and equipment compound, as well as the utility and access corridor. The APE for visual effects consists of a one-half-mile radius of the APE, as directed by the FCC Nationwide Programmatic Agreement (2004).

2.0 Project Information

2.1 Project Area Description

The project area consists of a proposed 100 by 100-foot tower compound, and a 20-foot-wide easement for the access drive and utility corridor extending west from the proposed tower compound to Laurel Mountain Road. The acreage of the proposed tower compound that was surveyed is approximately 0.25 acres. The project area can be seen in a site diagram and on an aerial photograph and a United States Geological Survey (USGS) topographic map in Appendix A, Exhibits 1 through 3. Overview photographs of the proposed project area can be seen in Appendix B, Figures 1 through 8.

The Natural Resource Conservation Service's (NRCS) Web Soil Survey (2023) records one soil within the project area. These soils are summarized below in Table 1.

Table 1: Soils Within the Project Area.

Soil Name	Approx. Percentage of Project Area	Associated Landscape	Hydric Soil Rating
Hazelton-Dekalb complex, 8 to 25 percent slopes, rubbly (HTD)	100	Hillslopes	No

The project area is located within the Appalachian Mountain Section of the Ridge and Valley physiographic province (PADCNR 2023). This region is bordered on the southeast by the base of the southeast slope of Blue Mountain. To the west and northwest, it is bordered by the center of the valley bottom west of the westernmost linear ridge. The rest of this section

has arbitrary borders based on slope change of eastern ridges (PADCNr 2023). The Appalachian Mountain Section of the Ridge and Valley physiographic province is characterized by long narrow ridges and broad to narrow valleys, with some karst (PADCNr 2023). Local relief is considered moderate to very high, and drainage patterns consist of trellis, angulate, and some karst drainage (PADCNr 2023). The geologic structure of this section of the province consists of open and closed plunging folds having narrow hinges and planar limbs, including a variety of faults (PADCNr 2023). Underlying rock types are sandstone, siltstone, shale, conglomerate, limestone, and dolomite. The origins of this section arose from fluvial erosion, solution of carbonate rocks, and periglacial mass wasting (PADCNr 2023).

At the time of the Phase I survey, ground surface visibility ranged from 0 to 80 percent, with an average visibility of 50 percent. At the time of the survey, rocks, trees, decaying leaves, and other vegetation covered much of the proposed project area. Vegetation within the project area primarily consisted of trees, ferns, and woodland undergrowth. The closest, named body of water to the project area is Roaring Run, which is located approximately 0.9-miles to the west of the proposed project area.

2.2 Objectives and Research Design

There were two main objectives of the Phase I Survey: determine if archaeological sites or historic-age structures are present within the proposed project area and determine if historic properties within the APE for visual effects would be adversely impacted by the proposed project. The background research for the project first involved investigating land use history, examination of historical maps and aerial photographs, and consultation of the PA-SHARE database for information on previously archaeological sites and historic-age resources. Next, a pedestrian survey was conducted to examine the project area, and a series of shovel tests were excavated. The collected information was reviewed, and a recommendation of effects is presented in this document.

3.0 Cultural Chronology and Ethnohistoric Context

Pre-Contact Period

This discussion employs a traditional cultural historical chronological sequence, though period distinctions and boundaries are often difficult to draw across broad geographical areas, given the incomplete and imprecise nature of the archaeological data. The summary information presented is provided as context for the interpretation of any identified pre-contact cultural resources within the archaeological APE and is not meant to be a complete and detailed history.

Paleoindian Period (13,950 to 9,950 Years B.P.)

The Paleoindian period encompassed the terminal Pleistocene, a cold, windy, and dry period of the declining Late Wisconsinan glaciation (Watts 1979). The southernmost advance of this glaciation did not reach Lehigh County (Sevon et al. 1999:14). Fluted lanceolate projectile points are the primary early Paleoindian diagnostic artifacts. Available blood residue analysis suggests that these projectile points were used on a wide variety of large and small species that were available during the last stages of the Pleistocene, including mammoth, bison, sheep, caribou, musk ox, and even rabbits (Brush and Smith 1994; Loy and Dixon 1998). At Dutchess Quarry Cave No. 1 in Orange County, New York, caribou bones, teeth, and antler fragments were recovered. Broken caribou limb bones, possibly indicative of marrow extraction, occurred within the same stratum as a fluted Cumberland-like point (Funk and Steadman 1994; Funk et al. 1969).

Some of the primary evidence for Paleoindian occupation of Pennsylvania comes from the Meadowcroft Rockshelter (36WH297), the Shoop site (36DA20), and the Shawnee Minisink site (36MR43). Meadowcroft Rock Shelter, located in Washington County in southwestern Pennsylvania, saw repeated but sporadic and ephemeral utilization, possibly as early as 17,650 B.C., but more securely by 14,225 B.C. to 10,850 B.C. (Adovasio and Carlisle 1986). A small unfluted lanceolate blade (Miller Lanceolate) is attributed to a Paleoindian occupation dating between 10,850±870 B.C. and 9,350±700 B.C. at Meadowcroft Rock Shelter (Adovasio et al. 1988).

The Shoop site (36DA20), located in Dauphin County in central Pennsylvania, consists of a series of lithic concentrations situated on a plateau bordered by an upper branch and tributaries of Armstrong Creek (Witthoft 1952). This site produced numerous fluted projectile points and fragments together with an extensive associated collection of cores, flaked stone implements, and debitage. Reassessments of the data from the Shoop site (36DA20) have been offered by Carr (1989) and Cox (1986). Stone tools from the Shoop site (36DA20) retained blood residue attributed to the Family Cervidae, which includes deer, elk, moose, and caribou (Hyland et al. 1990).

The Shawnee Minisink site (36MR43) is located along the Delaware River just above the Delaware Water Gap in Monroe County, Pennsylvania. The Paleoindian component at the Shawnee Minisink site (36MR43) has been dated to 8,700 B.C. (or approximately 10,650 B.P.), and produced a single fluted projectile point, along with numerous other flaked stone tools and hammerstones (McNett 1985). Features associated with the Paleoindian component include hearths and concentrations of flaking debris (McNett 1985). Resource procurement and processing strategies associated with this component are fishing; the hunting of small animals, deer, and caribou; and the collection of floral resources, including copperleaf, pigweed, blackberry, buckbean, goosefoot, hackberry, hawthorn plum, and wintercress (Dent and Kauffman 1985). More recent excavations at Shawnee-Minisink have

produced a date of approximately 11,000 B.P. for the Paleoindian components (Gingerich 2007).

Archaic Period (9,950 to 3,800 Years B.P.)

Gradual climatic warming that occurred after the close of the Pleistocene gave rise to dense deciduous forests, which supported more numerous and varied species of flora and fauna. The Archaic period has traditionally been divided into Early, Middle, Late, and Terminal (or Transitional) periods, largely based upon hypothesized projectile point sequences, which have not been supported on well-dated, stratified sites.

Archaic peoples probably lived in small, highly mobile bands. Evidence gathered from various locations suggests the existence of broad-based economies centered on large and small game, birds, and fish, with the seasonal collection of nuts, berries, seeds, and greens (Asch and Asch 1985; Chapman 1975; Chapman and Watson 1993; Hughes et al. 1992; Meltzer and Smith 1986; Michels and Smith 1967). Although local and regional subsistence data remain sparse, evidence from the Susquehanna watershed supports the emergence of squash cultivation toward the end of the Archaic period (Hart and Asch-Sidell 1997).

While the Early Archaic period is associated with a technological and stylistic shift to projectiles and knives fitted with a variety of notched and stemmed blade forms, the remainder of the flaked stone tool assemblage had changed little. The Middle Archaic period in Pennsylvania is mainly defined by the presence of particular projectile point types including MacCorkle, St. Albans, LeCroy, Neville, Kanawha, Stanly, or Otter Creek types (Carr 1998:80). While bifurcate point forms seem to be clearly associated with a limited temporal span, other forms have been shown to persist into later periods. Custer (1996:Table 7) dates the Middle Archaic period, which corresponds to his "Hunter-Gatherer II Cultural Period," from 6,500 to 3,000 B.C. Raber (1985:33-36) also uses the 6,500 to 3,000 B.C. interval for the Middle Archaic in A Comprehensive State Plan for the Conservation of Archaeological Resources. While Cowin (1982, 1991) and George (1971, 1985), like Chapman (1975, 1985), assign most bifurcate point styles to the Early Archaic period, Carr (1998), Custer (1996), Gardner (1989), and Stewart and Cavallo (1991) include the bifurcates within the early Middle Archaic period. The CRGIS database also assigns bifurcate-producing sites to the Middle Archaic period (PHMC 2014).

Few Middle Archaic component archaeological sites have been excavated in Pennsylvania (Carr 1998:80). Three sites with Middle Archaic components, including the Meadowcroft Rock Shelter, Sheep Rock Shelter, and Shawnee-Minisink, have been the most informative, with others, such as the State Road Ripple Site (Cowin 1991), Conrail site (Griffiths-Connelly 1995), Central Builders site (Baker 1993), Sandts Eddy Site (Bergman et al. 1994), and West Water Street Site (Custer et al. 1993), being less so. Evidence, including the environmental reconstruction of the Early Holocene and site densities, suggests that population growth in Pennsylvania was slow throughout the Early Archaic, but increased

significantly during the Middle Archaic (Carr 1998:87). In addition to the growth in population, there appears to be a greater variety of lithic raw material types being used by Middle Archaic populations. These materials are often found in cobble form indicating use of local sources. The use of upland landforms for basecamp settlements also increased (Carr 1998:88).

The early Laurentian or “Proto-Laurentian” Tradition represents the oldest Late Archaic period assemblage defined in the Upper Susquehanna Valley in New York State (Funk 1993; Funk and Rippeteau 1977), where surface finds of Otter Creek and similar large side-notched projectile points are moderately common. Turnbaugh (1977) reports surface finds of Otter Creek projectile points in the West Branch Susquehanna River and Lycoming Creek valleys. At the East Bank site (36NB16), located on the West Branch Susquehanna River at the Interstate 80 crossing, Otter Creek-like projectile points occurred in four strata dating between ca. 6,900±40 and 3,620±60 years B.P. (East et al. 2002a). The various Brewerton projectile point forms (Ritchie 1961) are generally attributed to the Middle or Late Archaic periods in Pennsylvania, although similar forms may date to as late as the Middle Woodland period (East et al. 2002b). Surveys of upland areas in the Ridge and Valley physiographic province have revealed that Late Archaic sites are located in a variety of settings, including areas near springs, on benches, and on hillsides (Graetzer 1986; Hatch 1979; Miller 1993). Both base camps and special purpose sites are represented in the Late Archaic settlement pattern (Raber et al. 1998:126).

Woodland and Late Pre-Contact Periods (3,800 to 350 Years B.P.)

The emerging temporal overlap of broadspears, fishtails, Meadowood projectile points, ceramics, and steatite vessels suggests that the separate Terminal Archaic (or Transitional) period should be eliminated and merged with the Early Woodland period. Although the Woodland period is thought to have been marked by progressively greater reliance on native seed crops (chenopod, maygrass, sumpweed), little barley, and sunflower, as well as cultivated tropical plants, the evidence for this progression in Pennsylvania has not been forthcoming. All indications are that the hunting and gathering lifeways of the Archaic period largely continued well into the Woodland period. Maize was not in widespread use until ca. AD 850, while beans did not arrive until ca. AD 1250-1300. Large, nucleated and fortified settlements were probably not prominent fixtures on the landscape until ca. AD 1250 or later.

The hallmark of the Early and Middle Woodland periods would be the intensive trade in semi-finished and finished items made of exotic stone, particularly steatite (bowls); rhyolite (broadspears and bifaces); jasper (broadspears, Jack’s Reef projectile points, and bifaces); argillite (broadspears, Fox Creek projectile points, and bifaces); and Onondaga chert (Meadowood projectile points/bifaces and Jack’s Reef projectile points). These particular projectile point types can be firmly identified as diagnostic of the period through consistent and corroborating radiocarbon dates. Although triangular projectile points are evidenced in

earlier period occupations, after AD 1000, they are the only style seen in pre-contact period tool kits (Kinsey 1972: 441-443; Ritchie 1961: 31-33). The exclusive use of small triangular projectile points is linked to the introduction of the bow and arrow. There have been attempts to link certain styles of triangular projectile points with certain ethnic groups; however, the evidence is not conclusive (Custer 1996: 265). According to the CRGIS, the Early Woodland period within the project region has been predominantly distinguished by the presence of Meadowood, broadspear, Perkiomen, and Susquehanna projectile points (PHMC 2014).

The earliest eastern Pennsylvania Early Woodland complex, the Bushkill phase, was defined by Kinsey (1972) from components found within the Upper Delaware River Valley. Associated artifacts include Rossville and Lagoon projectile points, along with Broadhead Net-Marked and Vinette I ceramics. The Middle Woodland period in eastern Pennsylvania is associated with Jacks Reef and Fox Creek projectile points and plain and cord-marked ceramics. The people associated with these artifacts probably followed the typical Archaic pattern of seasonal hunting and gathering (Ritchie and Funk 1973: 121). Evidence of plant cultivation from the Early Woodland is inferred, although there is no direct evidence for domesticated plants in the region at this time (Stewart 2003: 7). Examples of eastern Pennsylvania sites with Early to Middle Woodland components are scarce, but include the Zimmerman (Werner 1972), Faucett (Kinsey 1975), and Three Mile Island (Custer 1996; Smith 1977). Evidence from these sites implies that these communities were semi-sedentary with cyclical use of some resources and a riverine-based hunting and fishing economy (Kinsey 1975; Stewart 2003: 7).

The Late Woodland Clemsons Island/Owasco period apparently featured a dispersed settlement pattern, with small hamlets on low terraces adjacent to major streams surrounded by smaller, temporary procurement and processing stations, some of which may have been situated in upland areas. Components that have not been thoroughly disrupted by plowing are often associated with buried A (Ab) horizons that may indicate a period of relative environmental and hydrologic stability (East et al. 1988; Vento 1988; Vento and Fitzgibbons 1987; Vento et al. 1990). The Clemson Island culture was primarily located within the Susquehanna River drainage. Clemson Island ceramics are characterized by crushed rock temper with cord-marked or fabric-impressed surface treatments and often a row of punctuates and/or raised nodes/bosses below the lip or on the upper rim (Maryland Archaeological Conservation Lab 2002). Evidence of Clemson Island populations from sites located on the islands and floodplains of the Middle Susquehanna and Juniata rivers indicates that these people built "small parallel-sided houses with rounded ends" (Kent 1980: 33).

The later Late Woodland division (ca. AD 1250 to AD 1600) encompasses the Minguannan, Overpeck, Pahaquarra, and Delaware/Lenape (Unami and Munsee/Minisink complexes). Evidence for the presence of the Minguannan complex in southeastern Pennsylvania comes primarily from the Minguannan Site (Wilkins 1978) and the Webb Site (Custer 1985; Custer

and Griffith 1985), both of which are located in Chester County. The settlement pattern of this complex involves large, macro-band base camps in productive floodplain and stream settings (Custer 1989).

Contact Period (AD 1600–ca. 1750)

The Contact period dates from the first arrival of Europeans in eastern Pennsylvania until the removal of most of the Native Americans from the area ca. 1750 (Custer 1996). During the seventeenth and eighteenth centuries, Native American groups along the western frontier underwent rapid and dramatic changes in response to disease, the fur trade, and political strategizing of the French and English. From ca. AD 1550 to AD 1675, the Susquehannock were the dominant group in both the Susquehanna and Delaware River valleys (Custer 1996). The Susquehannock controlled the fur trade with the Europeans at this time.

The Iroquois League was a confederacy of Iroquoian-speaking tribes that occupied the area between the Mohawk and Genesee rivers in what is now southern New York State (Graymont 1988:13). The Iroquois expanded their hunting territory through negotiation or warfare with neighboring tribes. In 1675, the Iroquois defeated the Susquehannock (Waldman 1988; Wallace 1986) and claimed ownership of the entire Susquehanna Valley (Weslager 1996).

During the Contact period, the Lenni Lenape (or Delaware) inhabited agricultural villages in the Delaware River Valley and along tributaries to the Delaware River (Weslager 1996). They adopted a subsistence strategy based on planting, hunting, and fishing (Weslager 1996). According to the CRGIS database, no Contact period sites have been recorded in Lehigh County. The Maxatawny Path, which connected Lechawekink (modern day Easton) with Manangy's Town (present day Reading), passed through the present location of Allentown.

Historic Period (ca. 1750+)

Huntingdon County is located in South Central Pennsylvania, in the Ridge and Valley Appalachian Mountains of PA, which run southwest to northeast across the county. It was officially formed as a legal entity in 1787 and was incorporated as a borough in 1796. The county's name comes from Dr. William Smith, the Provost of the University of Pennsylvania, and owner of the land in the 1760s, who is said to have named the county after the Countess of Huntingdon, England (PHMC 2023). The land that became Huntingdon County was originally part of Cumberland County, the territory from which Bedford County was cut in 1771, and it was from Bedford County that Huntingdon County was cut in 1787 (Africa 1876). Over the next century the County's borders shrank somewhat, as land was taken for the creation of other new counties in central and south-central Pennsylvania (Africa 1876).

It is known from historical, oral, and archaeological data that, prior to settlement of the area that would become Huntingdon County, Indigenous Native Americans inhabited the land. The earliest named Native American inhabitants in the area are known as the Juniata Tribe of the Standing Stone, named for a stone obelisk that stood in the center of their village (SAH 2023). By the time Euro-American settlers arrived in the area, Shawnee and Tuscarora Native groups, allied with the Iroquoian Confederacy, had removed the Juniata Tribe from the area, though the name of “Standing Stone” was still used for the location that would become the Borough of Huntingdon (SAH 2023). It was the Iroquoian Confederacy that sold the land that would include Huntingdon County to the Colony of Pennsylvania during the Albany Purchase of 1754 (Native Americans 2022). Other tribes, including the Delaware, Susquehannock, and various Ohio Valley tribes certainly interacted in the region as well (Native Americans 2022).

Written records from Euro-American Settlers in the area go back to at least 1754, with John Harris’ account and description of the Native village that stood at the junction of the Juniata River and standing Stone Creek (Borough of Huntingdon 2022). At that time, central Pennsylvania was the frontier that marked the ever-expanding boundary between Indian territory and colonial English territory, and a series of forts were built in the region to provide protection for the colonial settlers, who were largely German and Scots-Irish (SAH 2023). Fort Shirley was constructed circa 1755, near present-day Shirleysburg, which served as a staging area for military incursions into Native territory (SAH 2023). In 1767/1768, Dr. William Smith purchased a portion of land in what was then part of Cumberland County and began to lay out plans for the future borough of Huntingdon and selling lots along the Juniata River (Borough of Huntingdon 2022). Settlement of the area was slow at first, but the area saw a large influx of settlers in the 1780s, leading to formation of Huntingdon County, with the town of Huntingdon serving as the county seat, which it remains to this day (Borough of Huntingdon 2022). By the 1790s, Iron production began in the county, and the vast sources of brown hematite and fossil ores, as well as trees for charcoal and streams to power waterwheels, led the inhabitants to open multiple furnaces and forges, making iron production a major part of the Huntingdon County economy for the next century (SAH 2023). The completion of railroads in the area aided the iron-based economy of the area in the mid-19th century, and in 1852 the Pennsylvania Railroad tied Huntingdon to Pittsburgh, allowing some of the larger furnaces to remain open well into the 20th century (SAH 2023). However, the clear cutting of the forests for fuel for the furnaces, and ore shortages in the 1870s, led to the decline of the iron industry in Huntingdon County, and the economy in the region shifted to an agricultural and tourism-based economy in the 20th century (SAH 2023).

Cromwell Township is located in the southeast interior portion of Huntingdon County. It is largely a rural township, though it contains the side-by-side towns of Orbisonia and Rockhill in the approximate center of the township. It was officially formed as a legal entity in 1836, when it was cut from neighboring Shirley and Springfield Townships (Africa 1883). It was

named for Col. Thomas Cromwell, and early settler in the area and Colonel during the American Revolution (Africa 1883). Prior to its formation, the township had previously contained at least one Native village, with Euro-American settlements dating at least as far back as the 1740 (Africa 1883). The township contains a part of the old path that led from the lower Susquehanna to the Ohio country, which was used by Native Americans for thousands of years, and subsequently used heavily by settlers heading west in search of new land and homes, meaning that this rural area played an important role in both the history and prehistory of the region and the nation (Africa 1883). Large quantities of iron ore were also found near Orbisonia, leading to the creation of the Rock Hill Iron and Coal Company, which brought jobs and economic prosperity to the region (Africa 1883). This prosperity was aided by the addition of the East Broad Top Railroad that began running through the township in 1873 (HCH&H 2023). Agriculture was another important aspect of the local economy in Cromwell Township, largely based on crops consisting of corn, wheat, oats, and potatoes (Africa 1883). Based on modern aerial photographs, it can be seen that agriculture has continued to play a large role in the culture and economy of the township into the modern era, and the towns of Orbisonia and Rockhill have remained small yet stable communities, despite the closing of the Rockhill iron furnaces in 1907 and the diminishment of the East Broad Top Railroad in the mid-20th century (HCH&H 2021; Google Earth Images 2020). The railroad reopened as a tourist attraction in 1960, and the creation of State Game Lands Number 99, as well as other parks and campgrounds, have ensured that the local economy of Cromwell Township benefits from incoming tourism related to outdoor activities and the rich history of the area (HCH&H 2021; Google Earth Images 2020).

4.0 Records Search and Background Research Results

A records search was conducted of the PA-SHARE GIS database maintained by SHPO for information regarding previously recorded historic properties within the project area and the 0.5-mile APE for visual effects. According to the results of the records search, no historic properties have been previously recorded within the project area, or within the 0.5-mile search radius. A copy of the mapped search results from the GIS database can be found in Appendix A, Exhibit 3.

Three historical atlases and plat maps were consulted at the Historic Map Works (2023) website to identify potential historical-period resources within or near the project area, including: Hopkins and Co. 1874, Pennsylvania Fish Commission 1958, and Walling and Gray 1872. None of the reviewed atlases and plat maps depicted man-made features within the proposed project area.

A series of historical USGS topographic maps were reviewed which ranged in date from 1939 to 2023. No development is depicted on the reviewed maps until 2010, when Laurel Mountain Road is first depicted to the west of the project area. This road continues to expand to the south in subsequent topographic maps. No additional development is depicted within or near the project area.

Aerial photographs dating from 1962 to 2019 were reviewed for information on land use history. The reviewed aerial photographs depict the project area as densely wooded and undeveloped until 1994. In the 1994 aerial photograph, Laurel Mountain Road can be seen to the west of the project area, and a cabin can be seen to the south. No additional development can be seen in or near the project area in subsequent photographs.

5.0 Fieldwork

Suzanne Reece, MSc, RPA conducted the fieldwork for the Phase I survey with Staff Archaeologist Josh Duncan on August 21, 2003. The project area was examined with a pedestrian survey, and no prehistoric or historic-age artifacts or structural remains were encountered during the pedestrian survey. Overview photographs of the project area can be found in Appendix B, Figures 1 through 8.

Five shovel tests were excavated within the proposed tower compound. No shovel tests were excavated within the access or utility easements. The shovel tests were documented with Munsell soil color charts, field notes, photographs, and Global Positioning System (GPS) coordinates. Table 2 summarizes the information collected during the shovel testing. The soils excavated from the shovel tests were passed through 1/4-inch wire mesh to screen for artifacts. No artifacts or cultural deposits were encountered during shovel testing. Soils in the excavated shovel tests were consistent throughout, and no evidence of buried cultural deposits or prior ground disturbing activities was noted. On each of the shovel tests, efforts were made to excavate at least 10 cm into sterile subsoil. However, standard depths were not able to be reached due to dense rock deposits that standard hand digging equipment was not able to bypass. A representative photograph of a shovel test can be found in Appendix B, Figure 9. The locations of the shovel tests can be seen on a recent aerial photograph in Appendix B, Figure 10.

Table 2. Shovel Test Profiles and Artifact Data.

Shovel Test	Depth Below Ground Surface	Soil Description	Notes
1	0-10 cm	10YR 3/2 silty loam	Obstructed by rocks at base. No artifacts present.
	10-25 cm	10YR 5/3 silty loam	
2	0-20 cm	10YR 2/1 silty loam	Obstructed by rocks at base. No artifacts present.
3	0-12 cm	10YR 2/1 silty loam	Obstructed by rocks at base. No artifacts present.
	12-15 cm	10YR 4/4 silty loam	
4	0-10 cm	10YR 2/1 silty loam	Obstructed by rocks at base. No artifacts present.
5	0-10 cm	10YR 2/1 silty loam	Obstructed by rocks at base. No artifacts present.

6.0 Summary and Recommendations

A Phase I survey was conducted near Three Springs, Cromwell Township, Huntingdon County, Pennsylvania ahead of the proposed construction of a communications tower. A pedestrian survey was conducted of the project area, and did not encounter artifacts, historic structural remains, or surface level evidence of cultural deposits. Shovel testing was conducted within the location of the proposed communications compound, and did not encounter subsurface cultural deposits. Based on the results of the pedestrian survey and subsurface testing, it is unlikely that unknown, NRHP eligible cultural resources are present within the direct APE. Therefore, Terracon recommends a finding of *no historic properties* for the direct APE. No historic properties have been previously recorded within 0.5-mile of the project area; therefore, Terracon recommends a finding of *no historic properties* for the APE of visual effects.

Should buried artifacts, human remains, or cultural deposits be encountered during ground disturbing activities, it is Terracon's recommendation that construction immediately halt, and the resources should be examined by a professional archaeologist. Appropriate authorities, including the State Historic Preservation Office (SHPO), should be notified.

Phase I

Jacks Mountain | Three Springs, Pennsylvania

September 2023 | Terracon Report No. J8237072



Prepared by:

A handwritten signature in blue ink that reads 'SReece'.

Suzanne Reece, MSc, RPA
Principal Investigator

A handwritten signature in black ink that reads 'Marilyn Zenko'.

Marilyn Zenko
Senior Archaeologist

7.0 References

Adovasio, J.M., and R.C. Carlisle

1986 Meadowcroft Rockshelter. *Natural History* 95(12):20-27.

Adovasio, J.M., A.T. Boldurian, and R.C. Carlisle

1988 Who are Those Guys? Some Biased Thoughts on the Peopling of the New World. In *Americans Before Columbus: Ice Age Origins*, edited by R.C. Carlisle, University of Pittsburgh, Department of Anthropology, Ethnology Monograph 12. Pittsburgh.

Africa, J. Simpson.

1876 "Huntingdon County." An Illustrated History of the Commonwealth of Pennsylvania. Compiled by William H. Egle. Harrisburg, PA. De Witt C. Goodrich & Co. Section publish online by Bedford County Genealogy Project. N.D.

1883 "History of Huntingdon and Blair Counties, Pennsylvania". Louis H. Everts, Philadelphia. Huntingdon County PGenWeb.

Asch, D., and N. Asch

1985 Prehistoric Plant Cultivation in West-Central Illinois. In *Prehistoric Food Production in North America*, edited by R.I. Ford, pp. 149-203. Anthropological Papers No. 75. Museum of Anthropology, University of Michigan, Ann Arbor.

Baker, J.

1993 The Central Builders Site. Paper presented at the annual meeting of the Society for Pennsylvania Archaeology, Stroudsburg, Pennsylvania.

Bergman, C.A., J.F. Doershuk, and J. Schulderein

1994 A Young Archaeologist's Summary Guide to the Deeply Stratified Sandts Eddy Site, Northampton County, Pennsylvania. In C.A. Bergman and J.F. Doershuk, editors, Recent Research into the Prehistory of the Delaware Valley. *Journal of Middle Atlantic Archaeology* 10: 153-168.

Borough of Huntingdon

2022 "Huntingdon Borough History: The Standing Stone." Borough of Huntingdon, Pennsylvania.

Brush, N., and F. Smith

1994 The Martins Creek Mastodon: A Paleoindian Butchery Site in Holmes County, Ohio. *Current Research in the Pleistocene* 11: 14-15.

Carr, K.W.

1989 The Shoop Site: Thirty Years After, p. 87. In *New Approaches to Other Pasts*, edited by W.F. Kinsey, III and R.W. Moeller. Archaeological Services, Bethlehem, Connecticut.

1998 Archaeological Site Distributions and Patterns of Lithic Utilization During the Middle Archaic in Pennsylvania, p. 80, 88. In *the Archaic Period in Pennsylvania*, edited by P. Raber, P. Miller, and S. Neusius, pp. 77-90. Pennsylvania Historical and Museum Commission, Harrisburg.

Chapman, J.

1975 *The Rose Island Site and the Bifurcate Point Tradition*. Department of Anthropology, University of Tennessee, Report of Investigations 14. Knoxville.

1985 Archaeology and the Archaic Period in the Southern Ridge-Valley Province. In *Structure and Process in Southeastern Archaeology*, edited by R.S. Dickens, Jr. and H.T. Ward, pp. 137-153. University of Alabama Press.

Chapman, J., and P.J. Watson

1993 The Archaic Period and the Flotation Revolution. In *Foraging and Farming in the Eastern Woodlands*, edited by C.M. Scarry, pp. 27-38. University of Florida Press, Gainesville.

Cowin, V.L.

1982 *Archaeological Survey in Region VII: West Central Pennsylvania*. The Carnegie Museum of Natural History, Section of Man. Submitted to the Pennsylvania Historical and Museum Commission, Harrisburg.

- Cowin, V.L.
1991 The Middle Archaic in the Upper Ohio Valley. *Journal of Middle Atlantic Archaeology* 7:43-52.
- Cox, S.L.
1986 The Analysis of the Shoop Site. In *Archaeology of Eastern North America* 14: 101-170.
- Custer, J.F.
1985 Test Excavations at the Webb Site (36CH51), Chester County, Pennsylvania. *Pennsylvania Archaeologist* 55(12):42-43.
- 1989 *Prehistoric Cultures of the Delmarva Peninsula: An Archaeological Study*. University of Delaware Press, Newark.
- 1996 *Prehistoric Cultures of Eastern Pennsylvania*, p. 265. Commonwealth of Pennsylvania, Pennsylvania Historical and Museum Commission, Harrisburg.
- Custer, J.F., and D.R. Griffith
1985 Late Woodland Ceramics of Delaware: Implications for the Late Prehistoric Archaeology of Northern North America. *Pennsylvania Archaeologist* 55(3):5-20.
- Custer, J.F., S.C. Walters, and D.N. Bailey
1993 *Data Recovery Investigations of the West Water Street Site 36CN175, Lock Haven, Clinton County, Pennsylvania*. KSF Historic Preservation Group, Philadelphia. Submitted to the United States Army Corps of Engineers, Baltimore District, Baltimore.
- Dent, R.J., and B.E. Kauffman
1985 Aboriginal Subsistence and Site Ecology as Interpreted from Microfloral and Faunal Remains. In *Shawnee Minisink: A Stratified Paleo- Indian/Archaic Site in the Upper Delaware Valley of Pennsylvania*, edited by C.W. McNett, Jr., pp. 55-79. Academic Press, Orlando.

Donnelly, Lu et al.

- 2023 "Huntingdon County." SAH Archipedia. Published online by the Society of Architectural Historians. <https://sah-archipedia.org/essays/PA-01-0003-0004>. Accessed 29, June 2023.

East, T., J.M. Adovasio, W.C. Johnson, and D.R. Pedler

- 1988 *The Prehistory of the Catawissa Bridge Replacement Site (36CO9), Columbia County, Pennsylvania*. Interim draft final report. Cultural Resource Management Program, Department of Anthropology, University of Pittsburgh, Pittsburgh. Submitted to Parsons Brinkerhoff-Quade & Douglas, Inc., Philadelphia, and the Pennsylvania Department of Transportation.

East, T.C., F.J. Vento, C.T. Espenshade, M.G. Sams, and B.C. Henderson

- 2002a *Northumberland County, I-80, Section 52D, Bridge Expansion and Highway Improvement Project, Phase I/II/III Archaeological Investigations*. Prepared by Skelly and Loy, Inc. for the Pennsylvania Department of Transportation Engineering District 3-0, Montoursville.
- 2002b *Bradford County, Pennsylvania, S.R. 1022, Section 003, Ulster Bridge Replacement, Phase I/II Archaeological Studies*. Prepared by Skelly and Loy, Inc. for the Pennsylvania Department of Transportation Engineering District 3-0, Montoursville.

Federal Communications Commission (FCC)

- 2004 *Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission*. DCC 04-222. Federal Communications Commission, Washington, D.C.

Funk, R.E.

- 1973 *The Westheimer Site (Shr. 57-2)*. In *Aboriginal Settlement Patterns in the Northeast*, by W.A. Ritchie and R.E. Funk, pp. 123-153. New York State Museum and Science Service Memoir 20. Albany.
- 1993 *Archaeological Investigations in the Upper Susquehanna Valley, New York State*. Persimmon Press Monographs in Archaeology. Persimmon Press, Buffalo.

Funk, R.E., and B.E. Rippeteau

1977 *Adaptation, Continuity, and Change in Upper Susquehanna Prehistory*. Occasional papers in Anthropology No. 3. George's Mills, New Hampshire.

Funk, R.E., and D.W. Steadman

1994 *Archaeological and Paleoenvironmental Investigations in the Dutchess Quarry Caves*. Persimmon Press, Buffalo, New York.

Funk, R.E., G.R. Walters, and W.F. Ehlers, Jr.

1969 The Archaeology of Dutchess Quarry Cave, Orange County, New York. *Pennsylvania Archaeologist* 39(1-4): 7-28.

Gardner, W.M.

1989 Examination of Cultural Change in the Late Pleistocene and Early Holocene (ca. 9200 to 6800 B.C.). In *Paleo-Indian Research in Virginia*, edited by J.M. Wittkofski and T.R. Rinehart, pp. 5-25. Archaeological Society of Virginia, Richmond.

George, R.L.

1971 The Archaic of the Upper Ohio Valley: A View in 1970. *Pennsylvania Archaeologist* 41(1-2): 1-22.

1985 The Archaic Period. In *A Comprehensive State Plan for the Conservation of Archaeological Resources*, Volume II, edited by P.A. Raber, pp. 181-184. Pennsylvania Historical and Museum Commission, Harrisburg.

Gingerich, J.A.M.

2007 Picking up the Pieces: New Paleoindian Research in the Upper Delaware Valley. In *Archaeology of Eastern North America* (2007)35: 117-124.

Google Earth

2020 "Google Earth Images". Image dated 9/22/2020. Accessed on Google Earth application on 7, September 2023

Graetzer, M.A.

1986 Settlement Patterns and Paleoclimatic Modeling: A Preliminary Study of Data from the Bald Eagle Watershed of Central Pennsylvania. Master thesis. On file, Department of Anthropology, Pennsylvania State University, University Park.

Graymont, B.

1988 The Iroquois, p.13. Chelsea House Publishers, New York.

Griffiths-Connelly, D.

1995 The Conrail Site, 36LU169, Luzerne County, Pennsylvania. Paper presented at the Middle Atlantic Archaeological Conference, April, 1995, Ocean City, Maryland.

Hart, J.P., and N. Asch-Sidell

1997 Additional Evidence for Early Cucurbit Use in the Northern Eastern Woodlands East of the Allegheny Front. American Antiquity 62:523-537.

Hatch, J.W.

1979 The 1978 National Register Survey of District 9, Centre and Clinton Counties, Pennsylvania. Submitted to the Pennsylvania Historical and Museum Commission, Harrisburg.

Historic Map Works

2023 Historic Map Works, Historic Map Works, LLC., South Portland, Maine. www.historicmapworks.com.

Hopkins, G.M., and Company

1874 *Pennsylvania State Atlas*. G.M. Hopkins and Co., Philadelphia.

Hughes, M.A., J.P. Kerr, and A.M. Pecora

1992 *The Winfield Locks Site: A Phase III Excavation in the Lower Kanawha Valley, West Virginia*. Cultural Resources Analysts, Inc., Contract Publication Series 92-81, Lexington, Kentucky. Submitted to the U.S. Army Corps of Engineering, Huntingdon District.

Huntingdon County History & Heritage Roundtable

- 2021 "Rockhill, Huntingdon County Pennsylvania: Rockhill or Rockhill Furnace". Huntingdon County History & Heritage Roundtable. <http://huntingdoncountyhistory.com/rockhill.html>. Accessed 7, September 2023.
- Hyland, D.C., J.M. Tersak, J.M. Adovasio, and M.I. Siegel
1990 Identification of the Species of Origin of Residual Blood on Lithic Material. *American Antiquity* 55(1):104-112.
- Kent, B.C.
1980 *Discovering Pennsylvania's Archaeological Heritage*, p. 33. Pennsylvania Historical and Museum Commission, Harrisburg.
- Kinsey, W.F., III
1972 *Archaeology in the Upper Delaware Valley*, pp. 441-443. The Pennsylvania Historical and Museum Commission, Anthropological Series 2. Harrisburg.
- 1975 Faucett and Byram Sites: Chronology and Settlement in the Delaware Valley. *Pennsylvania Archaeologist* 45(1-2):1-103.
- Loy, T.H., and E.J. Dixon
1998 Blood Residues on Fluted Points from Eastern Beringia. *American Antiquity* 63(1):21-46.
- Maryland Archaeological Conservation Lab
2002 Prehistoric Ceramics in Maryland. <http://jefpat.org/diagnostic/index.htm>. Accessed October 26, 2010.
- McNett, C.W., Jr.
1985 *Shawnee Minisink: A Stratified Paleoindian/Archaic Site in the Upper Delaware Valley of Pennsylvania*. Academic Press, New York.

Meltzer, D.J., and B.D. Smith

- 1986 Paleo-Indian and Early Archaic Subsistence Strategies in Eastern North America. In *Foraging, Collecting and Harvesting: Archaic Period Subsistence and Settlement in the Eastern Woodlands*, edited by S. Neusius, pp. 1-30. Center for Archaeological Investigations, Southern Illinois University, Carbondale.

Miller, P.E.

- 1993 Prehistoric Settlement Patterns in the Bald Eagle Creek Drainage of Central Pennsylvania. Ph.D. dissertation, Department of Anthropology, Pennsylvania State University, University Park. University Microfilms, Ann Arbor, Michigan.

N.A.

- 2022 "Native Americans." Center County Encyclopedia of History and Culture. Published by Center County Historical Society. <https://centrehistory.org/article/native-americans/>. Accessed 29, June 2023.

Natural Resources Conservation Service (NRCS)

- 2023 Web Soil Survey. Natural Resources Conservation Service, Washington, D.C. <https://websoilsurvey.sc.egov.usda.gov>.

Pennsylvania Fish Commission

- 1958 *Waters-Highway Map*. Prepared for the Pennsylvania Fish Commission by Keystone Mapping Company, York, Pennsylvania.

Pennsylvania Historical and Museum Commission (PHMC)

- 2023 "Huntingdon County." Incorporation Dates for Municipalities. Pennsylvania Historical and Museum Commission.

Pennsylvania State Historic Preservation Office (PA SHPO, SHPO)

- 2021 *Guidelines for Archaeological Investigations in Pennsylvania*. Pennsylvania State Historic Preservation Office, Harrisburg, Pennsylvania.

Raber, P.A.

- 1985 *A Comprehensive State Plan for the Conservation of Archaeological Resources*, pp. 33-36. Volume II. Pennsylvania Historical and Museum Commission, Harrisburg.

Raber, P.A., P.E. Miller, and S.M. Neusius (eds.)

- 1998 *The Archaic Period in Pennsylvania: Current Models and Future Directions*, p. 126. In *The Archaic Period in Pennsylvania*. Pennsylvania Historical and Museum Commission, Commonwealth of Pennsylvania, Harrisburg.

Ritchie, W.A.

- 1961 *A Typology and Nomenclature for New York State Projectile Points*, pp. 31-33. New York State Museum and Science Service Bulletin 384. Albany, New York.

Ritchie, W.A., and R.E. Funk

- 1973 *Aboriginal Settlement Patterns in the Northeast*, p. 121. New York State Museum Science Service Memoir 20. Albany, New York.

Sevon, W.D., G.M. Fleeger, and V.C. Shepps

- 1999 *Pennsylvania and the Ice Age*, 2nd edition, p. 14. Pennsylvania Geological Survey, Fourth Series, Educational Series 6, Harrisburg.

Smith, I.F., III

- 1977 *Early and Middle Woodland Composites on Three Mile Island, Dauphin County, Pennsylvania*. Pennsylvania Historical and Museum Commission, Harrisburg.

Stewart, R.M.

- 2003 A Regional Perspective on Early and Middle Woodland Prehistory in Pennsylvania, p. 7. In *Foragers and Farmers of the Early and Middle Woodland Periods in Pennsylvania*, edited by P.A. Raber and V.L. Cowin. Pennsylvania Historical and Museum Commission, Commonwealth of Pennsylvania, Harrisburg.

Stewart, R.M., and J.A. Cavallo

- 1991 Delaware Valley Middle Archaic. *Journal of Middle Atlantic Archaeology*. 7: 19-24.

Turnbaugh, W.A.

- 1977 *Man, Land and Time*. The Lycoming County Historical Society, Williamsport, Pennsylvania.

United States Geological Survey (USGS)

2023 *Orbisonia, Pennsylvania. Quadrangle. 7.5 Minute Topographic.*
United States Geological Survey, Washington, D.C.

Vento, F.J.

1988 Paleosol Development and Site Occurrence in the Susquehanna River
Drainage Basin. Paper presented to the Pennsylvania Archaeological
Council, Symposium on Environmental Studies and Pennsylvania
Archaeology. Morgantown, Pennsylvania.

Vento, F.J., and P.T. Fitzgibbons

1987 Holocene Age Paleosol Development and Archaeological Site
Locations. Paper presented at the 52nd Annual Meeting of the Society
for American Archaeology, Toronto, Canada.

Vento, F.J., H. Rollins, R.M. Stewart, P. Raber, and W. Johnson

1990 Genetic Stratigraphy, Climate Change and the Burial of
Archaeological Sites within the Susquehanna, Delaware and Ohio
River Drainage Basins. Submitted to the Bureau for Historic
Preservation, Pennsylvania Historical and Museum Commission,
Harrisburg.

Waldman, C.

1988 *Encyclopedia of Native American Tribes.* Facts on File Publications,
New York.

Wallace, P.A.W.

1986 *Indians in Pennsylvania.* Pennsylvania Historical and Museum
Commission, Harrisburg.

Walling, Henry F., and O.W. Gray

1872 *New Topographical Atlas of the State of Pennsylvania.* Stedman, Brown
& Lyon, Philadelphia.

Watts, W.A.

1979 The Quaternary Vegetation of Central Appalachia and the New Jersey
Coastal Plain. *Ecological Monographs* 49(4): 427-469.

- Weslager, C.A.
1996 *The Delaware Indians*. Rutgers University Press, New Brunswick, New Jersey.
- Werner, D.
1972 The Zimmerman Site, 36-PI-14. In *Archaeology in the Upper Delaware Valley*, edited by W. Fred Kinsey, III, pp. 55-130. Pennsylvania Historical and Museum Commission, Anthropological Series No. 3.
- Wilkins, Elwod S, Jr.
1987 A Selden Island Pottery Vessel from the Minguannan Site – 36CH3. In *Bulletin of The Archaeological Society of Delaware*, Number 11, New Series: p. 17-22.
- Witthoft, J.
1952 A Paleo-Indian Site in Eastern Pennsylvania: An Early Hunting Culture. *Proceedings of the American Philosophical Society* 96(4). Philadelphia.

Phase I

Jacks Mountain | Three Springs, Pennsylvania

September 2023 | Terracon Report No. J8237072



Appendix A

Site Plan and Maps

Please refer to Appendix B for Site Figures

Please refer to Appendix F for Site Photographs



Pennsylvania State Historic Preservation Office

PENNSYLVANIA HISTORICAL AND MUSEUM COMMISSION

October 3, 2023

Sent Via PA-SHARE

RE: ER Project # 2023PR04789.001, Jacks Mountain (Ambassador Towers), National Telecommunications and Information Admini, Cass Township, Huntingdon County

Dear Submitter,

Thank you for submitting information concerning the above referenced project. The Pennsylvania State Historic Preservation Office (PA SHPO) reviews projects in accordance with state and federal laws. Section 106 of the National Historic Preservation Act of 1966, and the implementing regulations (36 CFR Part 800) of the Advisory Council on Historic Preservation, is the primary federal legislation. The Environmental Rights amendment, Article 1, Section 27 of the Pennsylvania Constitution and the Pennsylvania History Code, 37 Pa. Cons. Stat. Section 500 et seq. (1988) is the primary state legislation. These laws include consideration of the project's potential effects on both historic and archaeological resources.

Above Ground Resources

No Above Ground Concerns - Environmental Review - No Historic Properties - Above Ground

Based on the information received and available in our files, it is our opinion that there are no above ground historic properties (resources listed in or eligible for listing in the National Register) present in the project area of potential effect. Therefore, no above ground historic properties will be affected by the proposed project. Should the scope of the project change and/or new information be brought to your attention regarding historic properties located within the project area of potential effect, please reinitiate consultation with our office using PA-SHARE.

For questions concerning above ground resources, please contact Tyra Guyton at tyguyton@pa.gov.

Archaeological Resources

No Archaeological Concerns - Environmental Review - No Historic Properties - Archaeological

Based on the information received and available within our files, it is our opinion that there are no archaeological historic properties (resources listed in or eligible for listing in the National Register) present within the area of potential effect for the proposed tower location and associated access roads. Should the scope of the project change and/or should you be made aware of historic property concerns, you will need to reinitiate consultation with our office using PA-SHARE.

For questions concerning archaeological resources, please contact Justin McKeel at

jusmckeel@pa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Emma Diehl". The signature is fluid and cursive, with a long horizontal stroke at the end.

Emma Diehl
Environmental Review Division Manager

Sideling Hill New Tower
Section 106 Documentation

Notification Date:

New Tower ("NT") Submission Packet

See instructions for

File Number:

public burden estimates

General Information

1) (Select only one) (NE) NE – New UA – Update of Application WD – Withdrawal of Application	
2) If this application is for an Update or Withdrawal, enter the file number of the pending application currently on file.	File Number:

Applicant Information

3) FCC Registration Number (FRN): 0033898511
4) Name: Ambassador Towers LLC

Contact Name

5) First Name: Ben	6) MI:	7) Last Name: Momose	8) Suffix:
9) Title:			

Contact Information

10) P.O. Box:	And /Or	11) Street Address: 3105 Lincoln Highway East	
12) City: Paradise		13) State: PA	14) Zip Code: 17562
15) Telephone Number: (210)448-2623		16) Fax Number:	
17) E-mail Address: bmomose@upwardbroadband.com			

Consultant Information

18) FCC Registration Number (FRN): 0028057495
19) Name: Terracon Consultants

Principal Investigator

20) First Name: Suzanne	21) MI:	22) Last Name: Reece	23) Suffix:
24) Title:			

Principal Investigator Contact Information

25) P.O. Box:	And /Or	26) Street Address: 844 N. Lenola Road	
27) City: Moorestown		28) State: NJ	29) Zip Code: 08057
30) Telephone Number: (856)813-3267		31) Fax Number:	
32) E-mail Address: Kathy.Eisele@Terracon.com			

Professional Qualification

33) Does the Principal Investigator satisfy the Secretary of the Interior's Professional Qualification Standards?	(<input checked="" type="checkbox"/>) <u>Y</u> es () <u>N</u> o
34) Areas of Professional Qualification: (<input checked="" type="checkbox"/>) Archaeologist () Architectural Historian () Historian () Architect () Other (Specify) _____	

Additional Staff

35) Are there other staff involved who meet the Professional Qualification Standards of the Secretary of the Interior?	() <u>Y</u> es (<input checked="" type="checkbox"/>) <u>N</u> o
--	--

If "YES," complete the following:

36) First Name:	37) MI:	38) Last Name:	39) Suffix:
40) Title:			
41) Areas of Professional Qualification: () Archaeologist () Architectural Historian () Historian () Architect () Other (Specify) _____			

Site Information

Tower Construction Notification System

1) TCNS Notification Number: **NTIA TCNS No. 270470**

Site Information

2) Positive Train Control Filing Subject to Expedited Treatment Under Program Comment: () Yes (**X**) No

3) Site Name: **Sideling Hill**

4) Site Address: **Flickerville Road**

5) Detailed Description of Project:

Construction of self-support telecommunications tower

6) City: **Brush Creek Township**

7) State: **PA**

8) Zip Code: **17267**

9) County/Borough/Parish: **FULTON**

10) Nearest Crossroads: **North of Flickerville Road and Route 362**

11) **NAD 83** Latitude (DD-MM-SS.S): **39-59-9.9**

(**X**) N or () S

12) **NAD 83** Longitude (DD-MM-SS.S): **078-13-4.51**

() E or (**X**) W

Tower Information

13) Tower height above ground level (include top-mounted attachments such as lightning rods): **274.0** (**X**) Feet () Meters

14) Tower Type (Select One):

() Guyed lattice tower

(**X**) Self-supporting lattice

() Monopole

() Other (Describe):

Project Status

15) Current Project Status (Select One):

(**X**) Construction has not yet commenced

() Construction has commenced, but is not completed

Construction commenced on: _____

() Construction has been completed

Construction commenced on: _____

Construction completed on: _____

Determination of Effect

14) Direct Effects (Select One):

- (☒) No Historic Properties in Area of Potential Effects (APE)
- (☐) No Effect on Historic Properties in APE
- (☐) No Adverse Effect on Historic Properties in APE
- (☐) Adverse Effect on one or more Historic Properties in APE

15) Visual Effects (Select One):

- (☒) No Historic Properties in Area of Potential Effects (APE)
- (☐) No Effect on Historic Properties in APE
- (☐) No Adverse Effect on Historic Properties in APE
- (☐) Adverse Effect on one or more Historic Properties in APE

Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultural significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects?	(<input checked="" type="checkbox"/>) <u>Y</u> es () <u>N</u> o
2a) Tribes/NHOs contacted through TCNS Notification Number: _____ Number of Tribes/NHOs: <u>0</u>	
2b) Tribes/NHOs contacted through an alternate system: NTIA TCNS No. 270470 Number of Tribes/NHOs: <u>13</u>	

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name:

Contact Name

5) First Name:	6) MI:	7) Last Name:	8) Suffix:
9) Title:			

Dates & Response

10) Date Contacted _____	11) Date Replied _____
() No Reply	
() Replied/No Interest	
() Replied/Have Interest	
() Replied/Other	

Other Tribes/NHOs Contacted

Tribe/NHO Information

1) FCC Registration Number (FRN):
2) Name:

Contact Name

3) First Name:	4) MI:	5) Last Name:	6) Suffix:
7) Title:			

Contact Information

8) P.O. Box:	And /Or	9) Street Address:	
10) City:		11) State:	12) Zip Code:
13) Telephone Number:		14) Fax Number:	
15) E-mail Address:			
16) Preferred means of communication: () E-mail () Letter () Both			

Dates & Response

17) Date Contacted _____	18) Date Replied _____
() No Reply	
() Replied/No Interest	
() Replied/Have Interest	
() Replied/Other	

Historic Properties

Properties Identified

1) Have any historic properties been identified within the APEs for direct and visual effect?	() <u>Y</u> es (X) <u>N</u> o
2) Has the identification process located archaeological materials that would be directly affected, or sites that are of cultural or religious significance to Tribes/NHOs?	() <u>Y</u> es (X) <u>N</u> o
3) Are there more than 10 historic properties within the APEs for direct and visual effect? If "Yes", you are required to attach a Cultural Resources Report in lieu of adding the Historic Property below.	() <u>Y</u> es (X) <u>N</u> o

Historic Property

4) Property Name:
5) SHPO Site Number:

Property Address

6) Street Address:		
7) City:	8) State:	9) Zip Code:
10) County/Borough/Parish:		

Status & Eligibility

11) Is this property listed on the National Register? Source: _____	() <u>Y</u> es () <u>N</u> o
12) Is this property eligible for listing on the National Register? Source: _____	() <u>Y</u> es () <u>N</u> o
13) Is this property a National Historic Landmark?	() <u>Y</u> es () <u>N</u> o

14) Direct Effects (Select One): <input type="checkbox"/> No Effect on this Historic Property in APE <input type="checkbox"/> No Adverse Effect on this Historic Property in APE <input type="checkbox"/> Adverse Effect on this Historic Property in APE
15) Visual Effects (Select One): <input type="checkbox"/> No Effect on this Historic Property in APE <input type="checkbox"/> No Adverse Effect on this Historic Property in APE <input type="checkbox"/> Adverse Effect on this Historic Property in APE

Local Government Involvement

Local Government Agency

1) FCC Registration Number (FRN):
2) Name: Brush Creek Township

Contact Name

3) First Name: Stacey	4) MI:	5) Last Name: Golden	6) Suffix:
7) Title:			

Contact Information

8) P.O. Box: 117 Layton Road	And /Or	9) Street Address:	
10) City: Warfordsburg		11) State: PA	12) Zip Code: 17267
13) Telephone Number: (717)485-3691		14) Fax Number:	
15) E-mail Address: sgolden@co.fulton.pa.us			
16) Preferred means of communication: (<input checked="" type="checkbox"/>) E-mail () Letter () Both			

Dates & Response

17) Date Contacted 08/21/2023	18) Date Replied _____
(<input checked="" type="checkbox"/>) No Reply	
() Replied/No Interest	
() Replied/Have Interest	
() Replied/Other	

Additional Information

19) Information on local government's role or interest (optional):
--

Other Consulting Parties

Other Consulting Parties Contacted

1) Has any other agency been contacted and invited to become a consulting party?	(<input checked="" type="checkbox"/>) <u>Yes</u> () <u>No</u>
--	---

Consulting Party

2) FCC Registration Number (FRN):
3) Name: Fulton County Historical Society

Contact Name

4) First Name: N/A	5) MI:	6) Last Name: N/A	7) Suffix:
8) Title:			

Contact Information

9) P.O. Box: PO Box 115	And /Or	10) Street Address:	
11) City: McConnellsburg		12) State: PA	13) Zip Code: 17233
14) Telephone Number: (717)485-3172		15) Fax Number:	
16) E-mail Address: director@fultonhistory.org			
17) Preferred means of communication: (<input checked="" type="checkbox"/>) E-mail () Letter () Both			

Dates & Response

18) Date Contacted 08/21/2023	19) Date Replied _____
(<input checked="" type="checkbox"/>) No Reply () Replied/No Interest () Replied/Have Interest () Replied/Other	

Additional Information

20) Information on other consulting parties' role or interest (optional):

Designation of SHPO/THPO

1) Designate the Lead State Historic Preservation Officer (SHPO) or Tribal Historic Preservation Officer (THPO) based on the location of the tower.

SHPO/THPO

Name: **Pennsylvania State Historic Preservation Office**

2) You may also designate up to three additional SHPOs/THPOs if the APEs include multiple states. If the APEs include other countries, enter the name of the National Historic Preservation Agency and any state and provincial Historic Preservation Agency.

SHPO/THPO Name: _____

SHPO/THPO Name: _____

SHPO/THPO Name: _____

Certification

I certify that all representations on this FCC Form 620 Submission Packet and the accompanying attachments are true, correct, and complete.

Party Authorized to Sign

First Name:

MI:

Last Name:

Suffix:

Signature:

Date: _____

FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID.

WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18, Section 1001) AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).

Attachments :

Type

Description

Date Entered

Suzanne Reece, MSC, RPA

PRINCIPAL INVESTIGATOR - ARCHAEOLOGY

PROFESSIONAL EXPERIENCE

Ms. Reece is an Archaeologist and Principal Investigator in our Minnesota office. Ms. Reece has worked as an archaeological Principal Investigator throughout the upper Midwest. She has planned, managed, and conducted numerous cultural resources surveys for both public and private clients ranging from individual landowners to federal agencies. Ms. Reece has expertise in the areas of historical research, pedestrian and subsurface archaeological investigations, human and animal skeletal analysis, artifact identification and curation, as well as mitigation of disturbances to archaeological sites. She also has extensive experience in evaluation of historic structures and archaeological sites for National Register of Historic Places (NRHP) eligibility.

PROPERTY DEVELOPMENT

Ms. Reece has done extensive work with both private and public sector clients assessing proposed site locations for cultural resources. Her work has helped clients avoid costly delays by identifying archaeological sites and historic properties prior to land purchases and the start of construction. She has conducted literature searches (desktop reviews), intensive Phase I and Phase II surveys, and archaeological monitoring of construction activities in support of site selection and property development projects. Some of the property development and site selection projects Ms. Reece has worked on include: residential developments, municipal and state land purchases, industrial park development, and wetland mitigation banks.

INFRASTRUCTURE DEVELOPMENT

Ms. Reece has planned and conducted numerous cultural resources surveys related to the repair, replacement, and creation of modern infrastructure. She has conducted literature searches (desktop reviews) for utility installations within road rights-of-way, as well as intensive Phase II surveys and Phase III treatment plans for waterline, sewer line, telecommunication, and flood mitigation projects. While conducting these surveys, Ms. Reece has also gained experience in identifying and documenting historic structures and historic districts.

MUNICIPAL, STATE, AND FEDERAL PROPERTY

Ms. Reece has conducted many cultural resources studies on public lands owned by a government entity. In conducting these projects, she has played a role in obtaining the necessary state and federal archaeological permits, overseen compliance with permit stipulations, and conducted and documented the resulting fieldwork. She has conducted archival research,



EDUCATION

Master of Science,
Osteoarchaeology, University of
Edinburgh, 2013.

Bachelor of Arts, Anthropology,
University of Minnesota, 2011.

AFFILIATIONS

American Association of Biological
Anthropologists (AABA)

International Council for
Archaeozoology (ICAZ)

Register of Professional
Archaeologists (RPA)

WORK HISTORY

Terracon Consultants, Inc., St. Paul,
Minnesota. Principal Investigator,
2018-Present.

Kogel Archaeological Consulting
Services, Sioux Falls, South Dakota.
Principal Investigator, 2013-2018.

University of Edinburgh, Edinburgh,
Scotland. Osteoarchaeologist, 2013.

University of Minnesota,
Minneapolis, Minnesota. Laboratory
Intern, 2010; Excavator, 2008.

Suzanne Reece, MSC, RPA

PRINCIPAL INVESTIGATOR - ARCHAEOLOGY

Phase I reconnaissance surveys and intensive Phase II surveys, mortuary feature relocation surveys, Phase III treatment plans and investigations, and archaeological monitoring for projects on public land.

TRANSPORTATION IMPROVEMENTS

Ms. Reece has led cultural resources planning efforts and fieldwork for numerous transportation improvement projects which require compliance with state or federal historic preservation laws. These projects have included improvements to railways, road construction and expansion, highway erosion and floodwater mitigation studies, as well as cultural resources oversight of soil borrow project areas. She has conducted research and prepared reports on the historic significance of structures such as bridges and culverts and how to mitigate their loss of historic integrity during repairs or replacements.

OSTEOARCHAEOLOGICAL PROJECT EXPERIENCE

COMPLEX AND COMINGLED CONTEXTS

From the start of her archaeological training, Ms. Reece has worked with comingled human and animal skeletal remains from complex archaeological contexts. She has undertaken projects that involve sorting and identification of comingled skeletal remains from archaeological sites from the United States and around the world, including work with assemblages from Algeria, the Caucasus Mountains, Ireland, Spain, Turkey, and the United Kingdom. Her experience with human and non-human skeletal materials has proven invaluable in the analysis and proper identification of osseous material in both field and laboratory settings, particularly when fragmentary remains are involved.

MORTUARY FEATURE IDENTIFICATION

As a Principal Investigator, Ms. Reece has been responsible for the identification and investigation of potential burial features encountered during cultural resources surveys. Her experience includes identification and non-intrusive investigation of burial mound sites, determining likely burial mound locations based on historical and ethnographic documentation, and minimally invasive excavation of unconfirmed mortuary features. Ms. Reece has also conducted historic research and pedestrian surveys to identify the boundaries of historic cemeteries to ensure that proposed projects do not encroach on any unmarked burials that may be present.

SKELETAL ANALYSIS

In her work, Ms. Reece has used modern techniques to identify important biological information from human skeletal remains, including age, sex, height, and ancestry indicators. Her work has also included documentation and identification of both pathological conditions and traumatic injuries. Ms. Reece has conducted skeletal analysis with complete, partial, and fragmentary osseous material, as well as cremated remains ("cremains"). Her experience with analysis of animal remains includes identification of species, sex, age, body size estimations, pathological conditions, and traumatic injuries. Ms. Reece is also experienced in the identification of taphonomic changes in bone caused by human and animal activity as well as natural weathering processes.

Please refer to Appendix B for Site Figures

ADDITIONAL SITE INFORMATION

Terracon understands that Ambassador Towers LLC is proposing to build a telecommunications tower with associated antennas and equipment enclosures under the following specifications:

Site Name:	Sideling Hill
Terracon Project Number:	J8237072
Address:	Flickerville Road
City, County, State:	Brush Creek Township, Fulton County, Pennsylvania 17267
Latitude / Longitude:	39° 51' 9.9" N / 78° 13' 4.51" W
Proposed Lease Area:	10,000 square feet
Proposed Tower Height:	274 feet, including attachments
Tower Type:	Self-support

The project consists of an approximate 10,000 square-foot tower compound, an approximate 20-foot by 280-foot utility easement, and approximate 30-foot by 30-foot access easement. The proposed self-support tower will be 274 feet in overall height. The project site and surrounding properties are undeveloped, wooded land.



UNITED STATES DEPARTMENT OF COMMERCE
National Telecommunications and
Information Administration
Washington, D.C. 20230

**NOTICE OF ORGANIZATION(S) WHICH WERE SENT PROPOSED
BROADBAND PROJECT NOTIFICATION INFORMATION**

Date: 08/18/2023

UPWARD BROADBAND
KATHY EISELE
1401 CONSTITUTION AVE.
WASHINGTON, DC 20230

Dear Applicant:

The National Telecommunications and Information Administration (NTIA) is using a modified version of the Federal Communications Commission's (FCC) Tower Construction Notification System (TCNS) as a means of expediting its Broadband grant programs. This notice is to inform you that the following authorized parties were sent information about the application that you submitted to NTIA through TCNS. The information was forwarded to authorized TCNS users by electronic mail and/or regular mail (letter).

Persons who have received the notification that you provided include leaders or their designees of federally-recognized American Indian Tribes, including Alaska Native Villages (collectively "Tribal Nations"), Native Hawaiian Organizations (NHOs), and State Historic Preservation Officers (SHPOs) who have set their geographic preferences on TCNS. For your convenience in identifying the referenced Tribal Nations and NHOs and in making further contacts, the City and State of the Seat of Government for each Tribal Nation and NHO, as well as the designated contact person, is included in the listing below. We note that Tribal Nations may have Section 106 cultural interests in ancestral homelands or other locations that are far removed from their current Seat of Government. Consistent with the FCC's rules as set forth in the NPA, NTIA requires that all Tribal Nations and NHOs listed below are afforded a reasonable opportunity to respond to this notification, consistent with the procedures set forth below.

We note that the review period for all parties begins upon receipt of a full project submittal and notifications that do not provide this serve as information only. If, upon receipt, the Tribal Nation or NHO does not respond within a reasonable time, you should make a reasonable effort at follow-up contact, unless the Tribal Nation or NHO has agreed to different procedures. In the event a Tribal Nation or NHO does not respond to a follow-up inquiry, or if a substantive or procedural disagreement arises between you and a Tribal Nation or NHO, you must seek guidance from NTIA. NTIA will follow procedures consistent with those set forth in the FCC's Second Report and Order released on March 30, 2018 (FCC 18-30).

1. THPO - Jarell Grant - Omaha Tribe of Nebraska - (PO Box: 368) - Macy, NE - jarell.grant@theomahatribe.com; mark.parker@theomahatribe.com - 402-837-5391 (ext: 434) - electronic mail

Details: Please note we have updated procedures. Please email us at Omahatribefcctns@outlook.com

2. TCNS Coordinator - Tiffany Martinez - Delaware Nation - 31064 State Highway 281 (PO Box: 825) - Anadarko, OK - tmartinez@delawarenation-nsn.gov; epaden@delawarenation-nsn.gov - 405-247-2448 (ext: 1403) - electronic mail
Details: The Delaware Nation of Oklahoma Historic Preservation Office has developed the following consultation procedures for all TCNS projects identified as undertakings by the Federal Communications Commission. In the email subject line, please specify whether the project is for a tower, small cell, or collocation. Our response can be given faster

with this information.

3. Cultural Preservation Director - Carol Butler - Absentee-Shawnee Tribe of Indians of Oklahoma - 2025 S. Gordon Cooper Drive - Shawnee, OK - fccasttens@gmail.com - 405-275-4030 (ext: 6312) - electronic mail

4. TCNS Rep - Bryan Printup - Tuscarora Nation - 5226 Walmore Rd - Via: Lewiston, NY - bprintup@hetf.org - 716-264-6011 (ext: 103) - electronic mail

If the applicant/tower builder receives no response from the Tuscarora Nation within 30 days after notification through TCNS, the Tuscarora Nation has no interest in participating in pre-construction review for the proposed site. The Applicant/tower builder, however, must immediately notify the Tuscarora Nation in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

5. THPO - Lawrence Plucinski - Bad River Band of Lake Superior Tribe of Chippewa Indians - (PO Box: 39) - Odanah, WI - thpo@badriver-nsn.gov; deputyTHPO@badriver-nsn.gov - 715-682-7123 - electronic mail

If the applicant/tower builder receives no response from the Bad River Band of Lake Superior Tribe of Chippewa Indians within 30 days after notification through TCNS, the Bad River Band of Lake Superior Tribe of Chippewa Indians has no interest in participating in pre-construction review for the proposed site. The Applicant/tower builder, however, must immediately notify the Bad River Band of Lake Superior Tribe of Chippewa Indians in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

6. THPO - Marvin DeFoe - Red Cliff Band of Lake Superior Chippewa Indians of Wisconsin - 88455 Pike Road, HWY 13 - Bayfield, WI - Marvin.DeFoe@redcliff-nsn.gov; Edwina.Buffalo-Reyes@redcliff-nsn.gov - 715-779-3700 (ext: 4242) - electronic mail

Details: Boozhoo, we do not have the Red Cliff Portal site online anymore and apologize for the inconvenience.

If you have a project that has already been paid for or would like to voluntarily pay for, please email documents for project review to THPO@redcliff-nsn.gov. This address is only to be used by Consultants who are voluntarily paying for projects.

If you have any questions, please contact Marvin Defoe, THPO Manager at (715) 779-3700 Ext. 4244 or Edwina Buffalo-Reyes, THPO Assistant at (715) 779-3700Ext. 4243.

7. THPO - William Tarrant - Seneca-Cayuga Nation - 23701 S 655 Road (PO Box: 453220) - Grove, OK - wtarrant@sctribe.com - 918-787-5452 (ext: 344) - regular mail

Details: Please refrain from sending review information via email. We request all information to be sent via mail to PO Box 453220, Grove, OK 74345.

8. Cell Tower Coordinator - Kelly Nelson - Eastern Shawnee Tribe of Oklahoma - 70500 East 128 Road - Wyandotte, OK - celltower@estoo.net - 918-666-2435 (ext: 1861) - regular mail

Details: DO NOT EMAIL DOCUMENTATION; it will be deleted without being opened.

Submit one printed color copy by US postal mail or other parcel carrier of all documentation to:

Eastern Shawnee Tribe
Attn: CellTower Program
70500 E. 128 Rd.
Wyandotte, OK 74370

Provide a 1-page cover letter with the following information:

- a. TCNS Number
- b. Company Name
- c. Project Name, City, County, State
- d. Project type
- e. Project coordinates
- f. Contact information

The Eastern Shawnee Procedures document is available and highly recommended for guidance; send an email to celltower@estoo.net requesting our most current copy.

9. THPO - Sherri Clemons - Wyandotte Nation - 64700 E, Hwy 60 - Wyandotte, OK - sclemons@wyandotte-nation.org - 918-678-6344 - electronic mail

Details: Please refrain from sending information via mail. We ONLY accept information via email to: sclemons@wyandotte-nation.org. We will advise if we require additional information.

10. THPO - Tonya Tipton - Shawnee Tribe - 29 South 69A Highway - Miami, OK - tcns@shawnee-tribe.com - 918-542-2441 (ext: 103) - electronic mail

Details: In the case of projects with NO ground disturbance such as antennae on the sides of buildings or existing poles, the Shawnee Tribe concurs that no known historic properties will be negatively impacted by the project. The Shawnee Tribe DOES NOT wish to consult on those projects with NO ground disturbance.

If the project DOES involve ground disturbance at all, the Shawnee Tribe would like to ACCEPT your invitation for consultation and will provide a review.

If you have any questions, you may contact the Shawnee Tribe via email at TCNS@shawnee-tribe.com

Thank you for the opportunity to comment.

11. THPO - Jonathan Windy Boy - Chippewa Cree Tribe of the Rocky Boy's Reservation - 96 Clinic Rd North - Box Elder, MT - Taivonjoi17@gmail.com; precisionarchaeology@gmail.com - 406-395-5215 - electronic mail and regular mail

Details: The Chippewa Cree Tribe of the Rocky Boy's Reservation no longer uses IResponse. Please email all review material to taivonjoi17@gmail.com and rep32jwb@gmail.com and mail the packet to 96 Clinic Rd. North, Box Elder Montana 59521. If the qualified and professional reviewers determine that additional information is required, or that field work is required, they will contact you through email and through TCNS. If the Tribe determines that the proposed project will have an effect on historic properties and/or Tribal religious and cultural sites or properties, we will provide notice to the project proponent and to the FCC.

12. THPO - Sarah Thompson - Lac du Flambeau Band of Lake Superior Chippewa Indians - Tribal Historic Preservation Office (PO Box: 67) - Lac du Flambeau, WI - ldfthpo@ldftribe.com - 715-588-2139 - electronic mail
Details: Effective Immediately:

Please send all submissions through email until further notice. Effective 3/23/2020

Please email all submissions to ldfthpo@ldftribe.com

Thank you

13. Deputy THPO, Archaeologist - Susan Bachor - Delaware Tribe of Indians - 126 University Circle Stroud Hall, Rm. 437 - East Stroudsburg, PA - sbachor@delawaretribe.org; lheady@delawaretribe.org - 610-761-7452 - electronic mail
Details: The Delaware Tribe of Indians areas of interest include our aboriginal territories (circa 1600), known locations of historic Delaware settlements, routes of removal and forced migration, and all lands of Delaware aboriginal title ceded by treaty to the United States. If you are receiving this notification, then your project falls within these areas of interest and we ask that you provide us with a cover letter describing the project and its location (including the project coordinates) as well as a topographic map showing the project location. If an archaeological survey has already been performed in preparation for the project, please send a copy of that as well. Additionally, we may request a biological assessment of culturally significant treaty resources which may be affected by the proposed undertaking.

We are only interested in consulting on projects that involve ground disturbance that is planned to take place in both undisturbed and previously disturbed contexts. We are not interested in consulting on collocations or projects that involve no ground disturbance. If your project does involve ground disturbance or you do not receive a response from us within 30 days of submitting the above project information, then we have no comments on the project. However, if any archaeological resources or human remains are disturbed at any point in the project planning or construction, we ask that the project be halted until we can be notified of the inadvertent discovery and can determine the most appropriate course of action. If your company would like a formal written response from the Delaware Tribe concerning the potential impact of your project to culturally and religiously significant sites, please contact Susan Bachor at sbachor@delawaretribe.org to request such a response.

In order to better facilitate consultation throughout our areas of interest we have three regional tribal historic preservation offices. While our Tribal Headquarters remains in Oklahoma, our Eastern Office in Pennsylvania is the point of contact for all consultation within our Eastern Region which includes the states of Massachusetts, Connecticut, New York, New Jersey, Pennsylvania, Delaware, Maryland and Virginia. If your project exists in any of these states, please contact Susan Bachor with the above project information at the following e-mail address. All offices prefer digital submissions and the project information can be submitted by e-mail.

Susan Bachor, Acting Director of Historic Preservation
Eastern Office
126 University Circle
Stroud Hall, Rm. 437
East Stroudsburg PA 18301
(610) 761-7452
sbachor@delawaretribe.org

Our Midwestern office is the point of contact for all consultation within our Midwestern region which includes the states of West Virginia, Ohio, Indiana, Michigan and Illinois. If your project exists in any of these states, please contact Larry Heady with the above project information at the following e-mail address. Our Midwestern office prefers to receive digital submissions and the project information can be submitted by e-mail.

Larry Heady, THPO
Midwestern Office
125 Dorry Lane, Grants Pass, OR 97527
lheady@delawaretribe.org
(262) 825-7586

We, at the Delaware Tribe Historic Preservation Office, along with our Chief and Tribal Council remain committed to protecting the cultural and physical integrity of our historic sites, traditional cultural properties, sacred sites, objects of cultural patrimony, and most importantly, the remains of our Ancestors. We look forward to working with you on our shared interests in preserving and protecting Delaware heritage within our areas of interest.

The information you provided was also forwarded to the additional Tribes and NHOs listed below. These Tribes and NHOs have NOT set their geographic preferences on TCNS, and therefore they are currently receiving tower notifications for the entire United States.

The information you provided was also forwarded to the following SHPOs in the state in which you propose to construct and neighboring states. The information was provided to these SHPOs as a courtesy for their information and planning.

14. - Amanda Terrell - Ohio History Connection - 800 E. 17th Avenue - Columbus, OH - aterrell@ohiohistory.org - 614-298-2000 - electronic mail

15. Historic Preservation Supervisor - Barbara Frederick - Pennsylvania State Historic Preservation Office - Pennsylvania Historical & Museum Commission 400 North St, 2nd Floor - Harrisburg, PA - bafrederic@pa.gov - 717-772-4519 - electronic mail

16. Deputy SHPO - Susan Pierce - West Virginia Division of Culture & History, Historic Preservation Office - 1901 Kanawha Boulevard East - Charleston, WV - susan.pierce@wvculture.org - - electronic mail

17. SHPO - Barbara Franco - Pennsylvania Historical and Museum Commission - 300 North Street - Harrisburg, PA - bcutler@state.pa.us - 717-787-2891 - electronic mail

TCNS automatically forwards all notifications to all Tribal Nations and SHPOs that have an expressed interest in the geographic area of a proposal. A particular Tribal Nation or SHPO may also set forth policies or procedures within its details box that exclude from review certain facilities (for example, a statement that it does not review collocations with no ground disturbance or that indicates that no response within 30 days indicates no interest in participating in pre-construction review).

Please be advised that the NTIA cannot guarantee that the contact(s) listed above opened and reviewed an electronic or regular mail notification. The following information relating to the proposed project was forwarded to the person(s) listed above.

Notification Received: 08/10/2023

Notification ID: 270470

Project Number: 53

Applicant: Upward Broadband

Applicant Contact: Kathy Eisele

Project Type(s): Multiple Project Components

Region(s) affected (State, County): PENNSYLVANIA, FULTON PENNSYLVANIA, HUNTINGDON

Address or Geographical Location Description: Project Name: NTIA / Upward Broadband Section 4
New Tower Construction (3 sites) and Existing Tower Collocation (1 site) in Fulton and Huntingdon Counties, Pennsylvania
See attached project description and maps for details.

If you have any questions or comments regarding the content of this notice, please contact NTIA at: TCNS@ntia.gov.



844 N. Lenola Road, Suite 1
Moorestown, NJ 08057
P (856) 813-3267
F (856) 813-3279
Terracon.com

August 21, 2023

Brush Creek Township
117 Layton Road
Warfordsburg, Pennsylvania 17267
ATTN: Stacey Golden, Chief Clerk
Phone 717-485-3691 / Email: sgolden@co.fulton.pa.us

RE: Invitation to Comment as a Consulting Party on a Proposed Telecommunications Tower

Site Name:	Sideling Hill
Terracon Project Number:	J8237072
Address:	Flickerville Road
City, County, State:	Brush Creek Township, Fulton County, Pennsylvania 17267
Latitude / Longitude:	39° 51' 9.9" N / 78° 13' 4.51" W
Proposed Lease Area:	10,000 square feet
Proposed Tower Height:	274 feet, including attachments
Tower Type:	Self-support

To Whom it May Concern:

In accordance with Section 106 of the National Historic Preservation Act (Section 106), the above-referenced proposed broadband deployment project is being evaluated for its potential effects to tribal resources, archaeological sites, or historic resources. If approved, funding for the above-referenced broadband deployment projects will be, in part, provided through a grant from the U.S. Department of Commerce, National Telecommunications & Information Administration (NTIA). As such, the proposed project is a federal undertaking subject to consultation under Section 106.

Terracon is writing to invite your comment on the effect of the above-referenced project on historic resources within the project's Area of Potential Effects (APE).

Field assessment for both historic properties and archaeological sites will be conducted, and a determination will be made of the project's direct and indirect effects on eligible properties. Consulting parties are invited to provide information concerning historic or archaeological properties already listed in the National Register or that could be eligible for listing in the National Register. We welcome your comments regarding the effect of the tower on historic resources that may be listed in or eligible for the National Register of Historic Places.

If you would like to comment, please respond to this letter within 30 days of its receipt. Thank you for your response on this matter. If you have any questions, please do not hesitate to call. If you wish to respond by email, I may be reached at kathy.eisele@terracon.com and (856) 813-3267.

Sincerely,
Terracon Consultants, Inc.

Kathryn A. Eisele
Sr. Project Manager

Attachment: Project Location Map with APE

Explore with us



844 N. Lenola Road, Suite 1
Moorestown, NJ 08057
P (856) 813-3267
F (856) 813-3279
Terracon.com

August 21, 2023

Fulton County Historical Society
PO Box 115
McConnellsburg, Pennsylvania 17233
Phone 717-485-3172 / Email: director@fultonhistory.org

RE: Invitation to Comment as a Consulting Party on a Proposed Telecommunications Tower

Site Name:	Sideling Hill
Terracon Project Number:	J8237072
Address:	Flickerville Road
City, County, State:	Brush Creek Township, Fulton County, Pennsylvania 17267
Latitude / Longitude:	39° 51' 9.9" N / 78° 13' 4.51" W
Proposed Lease Area:	10,000 square feet
Proposed Tower Height:	274 feet, including attachments
Tower Type:	Self-support

To Whom it May Concern:

In accordance with Section 106 of the National Historic Preservation Act (Section 106), the above-referenced proposed broadband deployment project is being evaluated for its potential effects to tribal resources, archaeological sites, or historic resources. If approved, funding for the above-referenced broadband deployment projects will be, in part, provided through a grant from the U.S. Department of Commerce, National Telecommunications & Information Administration (NTIA). As such, the proposed project is a federal undertaking subject to consultation under Section 106.

Terracon is writing to invite your comment on the effect of the above-referenced project on historic resources within the project's Area of Potential Effects (APE).

Field assessment for both historic properties and archaeological sites will be conducted, and a determination will be made of the project's direct and indirect effects on eligible properties. Consulting parties are invited to provide information concerning historic or archaeological properties already listed in the National Register or that could be eligible for listing in the National Register. We welcome your comments regarding the effect of the tower on historic resources that may be listed in or eligible for the National Register of Historic Places.

If you would like to comment, please respond to this letter within 30 days of its receipt. Thank you for your response on this matter. If you have any questions, please do not hesitate to call. If you wish to respond by email, I may be reached at kathy.eisele@terracon.com and (856) 813-3267.

Sincerely,
Terracon Consultants, Inc.

Kathryn A. Eisele
Sr. Project Manager

Attachment: Project Location Map with APE

Explore with us

Legal Notices

PUBLIC HEARING NOTICE

The Fulton County Commissioners will hold three public hearings on the planned use of 2023-24 Human Services Block Grant funds in Fulton County. The first hearing will be held on Wednesday, August 30, at 8:30 a.m. via Zoom. The second hearing will be held on Tuesday, September 12 at 9:30 a.m. at the Fulton County Commissioners Office. The third meeting will be held September 19 at 12:30 p.m. via Zoom. The third meeting will be held in conjunction with the Partner Meeting of the Fulton County Family Partnership.

Individuals who would like to participate in the virtual meetings on August 30th and September 19, can access the Zoom meeting with the Meeting ID and Passcode listed below at the designated date and time.

Meeting ID: 848 7915
8658 Passcode: H4C0cZ

The block grant consists of five funding streams and allows counties the flexibility to decide where the money is needed most. Those funding streams are: Mental Health Community Programs; Intellectual Disabili-

ties, Community Base; Homeless Assistance Program; Act 152 (Drug & Alcohol) Behavioral Health Services Initiative and Human Services Development Fund.

Draft plan documents will be available at the public meetings and electronically upon request. Questions and comments, both written and/or oral, are invited and welcomed.

Also, if you are unable to attend either hearing or wish to make oral comments or questions, you may make special arrangements by calling Julia Dovey at 717-485-6767.

County of Fulton
Board of Commissioners
Stuart L. Ulsh, Chair
Randy H. Bunch
Paula J. Shives
8-17-5x

EXECUTOR'S NOTICE

Notice is hereby given that letters testamentary of the estate of James M. Kiefer, late of Bethel Township, Fulton County, Pa., have been granted to the undersigned, and she requests all persons having claims against said estate to make known the same to Jacalyn K. Malaguerra, 115 Black Oak Road, Warfordsburg, PA 17267, or her attorney, and all persons indebted to said decedent to make payment to her without delay.

burg, PA 17267, or her attorney, and all persons indebted to said decedent to make payment to her without delay.

Jacalyn K. Malaguerra, Executor
Elizabeth A. Clark, Esquire
Dick, Stein, Schemel, Wine & Frey, LLP
216 North Second Street, Suite 5
McConnellsburg, Pa. 17233
8-17-3x

PUBLIC NOTICE

Am-bassador Towers LLC is proposing to build a 199-ft Self-Support Telecommunications Tower located near 3543 Blacks Mountain Rd, Taylor Twp (Waterfall), Fulton Co., PA, 16689 (40° 7' 37.02" N/78° 4' 46.45" W). Public comments regarding potential effects from this site on historic properties may be submitted within 30-days from the date of this publication to: K. Eisele, Terracon, 844 N. Lenola Rd, Ste 1, Moorestown, NJ 08057, 856-813-8267, or Kathy.eisele@terracon.com.

Am-bassador Towers LLC is proposing to build a 270-ft Self-Support Telecommunications Tower located near Flickerville Rd, Brush Creek Twp, Fulton Co., PA, 17257 (39° 51' 9.9" N / 78° 13' 4.51" W). Public comments regarding potential effects from this site on historic properties may be submitted within 30-days from the date of this publication to: K. Eisele, Terracon, 844 N. Lenola Rd, Ste 1, Moorestown, NJ 08057, 856-813-8267, or Kathy.eisele@terracon.com.

Am-bassador Towers LLC is proposing to collocate antennas on an existing 405-ft guyed Telecommunications Tower located near 9290 Waterfall Rd, Dublin Twp (Hustontown), Fulton Co., PA, 17229 (40° 2' 29" N/ 8° 0' 2.16" W). Public comments regarding potential effects from this site on historic properties may be submitted within 30-days from the date of this publication to: K. Eisele, Terracon, 844 N. Lenola Rd, Ste 1, Moorestown, NJ 08057, 856-813-8267, or Kathy.eisele@terracon.com.

PUBLIC NOTICE: Am-

bassador Towers LLC is proposing to build a 199-ft Self-Support Telecommunications Tower located 4,700 ft NW of 1019 Licking Creek Rd, Warren Twp, Fulton Co., PA, 17212 (39° 45' 5.03" N, 78° 4' 1.81" W). Public comments regarding potential effects from this site on historic properties may be submitted within 30-days from the date of this publication to: K. Eisele, Terracon, 844 N. Lenola Rd, Ste 1, Moorestown, NJ 08057, 856-813-8267, or Kathy.eisele@terracon.com.

Am-bassador Towers LLC is proposing to build a 199-ft Self-Support Telecommunications Tower located on Bark Rd (5,500 ft NE of Rock Oak Dr), Brush Creek Twp, Fulton Co., PA, 17228 (39° 59'48.22" N/8° 8' 5.78" W). Public comments regarding potential effects from this site on historic properties may be submitted within 30-days from the date of this publication to: K. Eisele, Terracon, 844 N. Lenola Rd, Ste 1, Moorestown, NJ 08057, 856-813-8267, or Kathy.eisele@terracon.com.

Am-bassador Towers LLC is proposing to build a 199-ft Self-Support Telecommunications Tower located on Great Cove Rd (1,700 ft. NE of Breezy Point Rd), Todd Twp (McConnellsburg), Fulton Co., PA, 17233 (40° 0' 59.14" N/77° 57' 48.92" W). Public comments regarding potential effects from this site on historic properties may be submitted within 30-days from the date of this publication to: K. Eisele, Terracon, 844 N. Lenola Rd, Ste 1, Moorestown, NJ 08057, 856-813-8267, or Kathy.eisele@terracon.com.

8-31-1x

EXECUTOR'S NOTICE

Notice is hereby given that letters testamentary on the estate of Rodney Victor Wolfe Sr., a/k/a Rodney V. Wolfe Sr., late of Thompson Township, Fulton County, Pa., have been granted to the undersigned, and he requests all persons having claims against said estate to make known the same to Michael Lynn Wolfe Sr., 4423 Timber Ridge Road, Need-

more, PA 17238, or his attorney, and all persons indebted to said decedent to make payment to him without delay.

Michael Lynn Wolfe Sr.
Executor
Elizabeth A. Clark, Esquire
Dick, Stein, Schemel, Wine & Frey, LLP
216 North Second Street, Suite 5
McConnellsburg, PA 17233
8-31-3x

EXECUTORS' NOTICE

Notice is hereby given that letters testamentary on the estate of Jane E. Kies, late of Todd Township, Fulton County, Pa., have been granted to the undersigned, and they request all persons having claims against said estate to make known the same to William P. Kies II, 2711 South Madden Road, Hustontown, PA 17229, and Robert A. Kies, 2604 Back Run Road, McConnellsburg, PA 17233, or their attorney, and all persons indebted to said decedent to make payment to them without delay.

William P. Kies II, Executor
Robert A. Kies, Executor
J. Edgar Wine, Esquire
Dick, Stein, Schemel, Wine & Frey, LLP
216 North Second Street, Suite 5
McConnellsburg, PA 17233
8-31-3x

NOTICE

Notice is hereby given that letters testamentary in the estate of David J. Yanko, late of the Borough of Ambridge, Fulton County, Pa., who died on May 13, 2021, have been granted to Jackie L. Yanko, executrix. All persons indebted to said estate are requested to make payment and those having claims or demands are requested to present the same without delay to David E. Schwager, Esquire 183 Market Street Suite 100 Kingston, PA 18704-5444

8-31-3x

NOTICE

Estate of Dennis J. Fraker, deceased, late of Dublin Twp., Fulton County, Pa. D.O.D. 5/21/23.

Letters testamentary on the above estate have been granted to the undersigned, who request all persons having claims or demands against the estate of the decedent to make known the same and all persons indebted to the decedent to make payment without delay to April Coudriet, executrix, c/o Laura M. Tobey, Esq., 229 W. Wayne Ave., Wayne, PA 19087, or to her atty.: Laura M. Tobey, Reidenbach & Assoc., 229 W. Wayne Ave., Wayne, PA 19087

8-31-3x

EXECUTOR'S NOTICE

Notice is hereby given that letters testamentary on the estate of Ann A. Sipes, of Licking Creek Township, Fulton County, Pa., have been granted to the undersigned, and he requests all persons having claims against said estate to make known the same to Tamela Mellott Heming, 125 Schultz Road, Warfordsburg, PA 17267, and all persons indebted to said decedent to make payment to her at the above address without delay.

Anthony W. Fetterhoff, Executor
Heming Law Office
Tamela Mellott Heming, Esquire
125 Schultz Road
Warfordsburg, PA 17267
8-31-3x

ADMINISTRATRIX'S NOTICE

Notice is hereby given that letters of administration on the estate of Daryl L. Poet, of Brush Creek Township, Fulton County, Pa., have been granted to the undersigned, and she requests all persons having claims against said estate to make known the same to Tamela Mellott Heming, 125 Schultz Road, Warfordsburg, PA 17267, and all persons indebted to said decedent to make payment to her at the above address without delay.

Mary Ann Poet
NKA Mary Ann Mills, Administratrix
Heming Law Office
Tamela Mellott Heming, Esquire
125 Schultz Road
Warfordsburg, PA 17267
8-31-3x

NOTICE

Notice is hereby given that letters of administration in the estate of Jerry William Mellott Sr., late of the Township of Belfast, Fulton County, Pa., who died November 28, 2017, have been granted to Sharon Mellott, administratrix. All persons indebted to said Estate are requested to make payment and those having claims or demands are requested to present the same without delay to:

David E. Schwager, Esquire
183 Market Street
Suite 100
Kingston, PA 18704-5444
8-31-3x

NOTICE

The Local Emergency Planning Committee and municipal coordinators will hold their quarterly meeting Monday, September 11, 2023, at 7 p.m., at the Fulton County EMA, EOC Room, 219 North Second Street, McConnellsburg, Pa.

8-31-2x

Craig Knepper AU-002595-L

PUBLIC SALE

WED., SEPT. 6, 2023 AT 4:30 P.M.

FRI., SEPT. 8, 2023 AT 4:30 P.M.

SAT., SEPT. 9, 2023 AT 8:30 A.M.

8765 Thompson Road, Needmore, PA 17238

Selling Wednesday Evening: 2 hutches, oak flower stand, crocks, crockery chicken waterer, wooden butter churn, wooden bowl, Dietz lanterns, kerosine lamps, electric lamps, camelback trunk, tin cream cans, milk strainer, aluminum scoops, kitchen items, pictures & frames, Rieck's buttermilk jar, green Ball canning jar, blue canning jars (qt & ½ gal.), medicine bottles, Theodore Miller bottle from Chambersburg, PA, glass baskets, pressed & patterned glass, crystal, Hull, Lefton china, green glassware, Germany & Bavaria pieces, Fire-King, Roseville bowl, flower planters & vases, 100's of artificial flowers, Electrolux vacuum, meat slicer, Squeeze strainer, birdbath, some local items, 5 gal. Quaker State can, items for IH Cub (sickle bar mower, snowplow, plow, side hill hitch), old Boy Scout uniforms, card table, miscellaneous flower stands, plus much more.

Selling Friday Evening: John Deere 185 riding mower, 4000 watt generator, wheelbarrow, reel mower, push mower, lawn cart, ladders, miscellaneous tools & hardware, shop-vac, battery charger, burn cage, log chains, car chains, railroad spikes, dehumidifier, vintage chairs, metal shelving, cabinets, recliners, upholstered chair, Eden Pure heater, Sun Cloud heater, Electrolux vacuum, air conditioners, microwave ovens, pots & pans, Tuperware, kitchen utensils, granite roasters & canners, canning jars, #13 canning jar, cleaning supplies, coolers, Hamilton Beach mixer, quilts, haps, crocks & jugs, Fiestaware, lanterns, galvanized tub, VisionWare, CorningWare, miscellaneous hardback books, new walker, flower stands, pots & planters, plus many more items too numerous to mention.

Selling Saturday: dining room table w/7 chairs, hutch, china cupboard, small hanging corner cupboard, corner dropleaf table, 2 Sullivan bookcase, marble top stand, Currier piano, loveseat, lift chair (like new), recliner, entertainment center, double bed, single bed, 2 chest deep freezers, 2 refrigerators, metal shelving & cabinets, GE washer, Maytag dryer, stools, end stands, flower stands, cream can, several crocks & jugs, Oster kitchen center, CorningWare, Pyrex, pots & pans, granite roasters, Eden Pure heater, Electrolux vacuum, GE microwave, Carnival glass, Rossi glass, ruby glass, Homer Laughlin (Virginia Rose), Watt pitcher, Strasburg ware, collector plates, knick-knacks, cameras, cigar boxes, floor & table lamps, metal filing cabinets, office supplies, plastic totes full of miscellaneous items, empty totes, pictures, Home Interior items, painting by Freda Gregory, rugs, bedding, jewelry, plus 100's of miscellaneous items.

Auctioneer's Note: This is a very large sale, selling many good items, so bring your chair and spend some good quality time with us selling lots of items. This will be the best glassware sale in a long time.

Terms: Cash or good check, ID required for bidder number.

Lunch stand reserved. Not responsible for accidents. For photos go to www.auctionzip.com

Owner: Gregory Family

Craig Knepper AU-002595-L

PUBLIC SALE

SAT., SEPT. 2 AT 9 A.M.

2847 South Madden Road, Hustontown, PA 17229

Tractors & Combines: John Deere 4240 4x4, John Deere 4430 diesel w/265 loader (quad shift), John Deere 4040 diesel (power shift), John Deere 4010 diesel, Ford 3500 industrial tractor w/loader, Ford 4000 (gas), Ford 800, (2) Ford 8N, John Deere 6620 combine (burnt in fire), John Deere 3320 combine w/10 ft. grain head, New Holland 553 skid loader, John Deere 350 dozer

Tilling & Planting Items: (2) John Deere 5-bottom plows (16 in.), John Deere 3-bottom plows (14 in.), Ford 3-bottom plows (16 in.), (2) John Deere 215 transport discs, Athens 10 ft. disc, Brillion 12 ft. cultimulcher, 7-ft. cultivator, John Deere 11-tooth chisel plow (trailer), John Deere 4-row cultivator, John Deere 7240 6-row corn planter (w/monitor, liquid fertilizer), John Deere 8200 grain drill

Hay Equipment: John Deere 946 Mo-Co disc bine, John Deere 430 round baler, John Deere 24T square baler, Vermeer 3-pt. TR 90 (tedder/rake), Diller round bale wagon (tandem axle), New Holland dump wagon, (3) New Holland 56 hay rakes, Ford 501 sickle bar mower, New Holland 488 haybine, hay wagon, Bale King racks, John Deere 6½ ft. flail chopper, John Deere, 7½ ft. bush hog, International 5 ft. bush hog, bale spears

Corn Equipment: John Deere 3950 chopper, John Deere 343 heads (narrow & wide), John Deere 643 corn head, New Holland silage wagon, (3) gravity wagons, John Deere flail cutter (16 ft.), John Deere 100 corn stalk stacker

Miscellaneous Items: Meadows portable sawmill w/edger, New Holland 680 manure spreader, Little Auggie mixer wagon, John Deere 15-ft. grain head, N-Tech 3000 gal. manure tank, (3) International tandem axle manure trucks, large garage hoist & track, John Deere post driver, 3-pt. blade, dual wheels for John Deere, John Deere 265 loader, John Deere riding mowers, Little Giant elevator, galvanized water tank, round bale feeders, plastic tank, grain elevator (4 in.), Surge 2 in. pipe line, Surge 600 gal. milk tank, tractor chains, potato planter & grader, misc. gates, misc. butchering items, plus many more items too numerous to mention.

Auctioneer's Note: Many items need some TLC and some are ready for field use. All items sold to the highest bidder, no reserves. Loader available. Those "hard to find" parts may be here.

Terms: Cash or good check. ID required for bidder number.

Lunch stand reserved
Not responsible for accidents
For photos go to www.auctionzip.com
Owners: Ulsh Farms

HURLEY
REAL ESTATE & AUCTIONS

349± ACRE LAND AUCTION
SEPTEMBER 23, 2023 @ 2PM

AUGHWICK RD, BURNT CABINS, PA 17215
IN 7 TRACTS-COMBINATION(S) of TRACTS & WHOLE
SECLUDED PARADISE! Tracts range from 12± acres to 131± acres w/ mature timber, streams, food plots & **ABUNDANT** wildlife!
PREVIEWS Sept 7th 5-7PM & Sept 16th 10AM-12PM
Matthew Hurley AU003413L • Kaleb Hurley AU006233
HURLEYAUCTIONS.COM | 717.597.9100

HURLEY
REAL ESTATE & AUCTIONS

115± ACRE FARM AUCTION
SEPTEMBER 22, 2023 @ 1PM

3765 PIONEER DR | ST. THOMAS PA 17252
115±ACRE HIGH PRODUCING FARM
SELLING FOR STEVEN & TAMMY BISER
DAIRY FARM - NEARLY ALL TILLABLE- HIGH YIELDS
2-Story farmhouse & small limestone home.
FARM BUILDINGS: large bank barn, wagon sheds, equipment sheds, milk house & double-6 milking parlor ready to begin milking, free stall & heifer barns, 3 stave silos & more!
IN FARM PRESERVATION
PREVIEWS Sept 9th 10AM-12PM & Sept 14th 12-2PM
Matthew Hurley AU003413L • Kaleb Hurley AU006233
HURLEYAUCTIONS.COM | 717.597.9100

AREAS OF POTENTIAL EFFECTS

Site Name:	Sideling Hill
Terracon Project Number:	J8237072
Address:	Flickerville Road
City, County, State:	Brush Creek Township, Fulton County, Pennsylvania 17267
Latitude / Longitude:	39° 51' 9.9" N / 78° 13' 4.51"W
Proposed Lease Area:	10,000 square feet
Proposed Tower Height:	274 feet, including attachments
Tower Type:	Self-support

A. Direct Effects

The direct APE was determined to be the approximate 10,000 square-foot tower compound and proposed utility access easements.

B. Visual Effects

The proposed tower will be approximately 274 feet in overall height. The APE for visual effects is therefore considered to be a 0.75-mile radius, per the 2004 Programmatic Agreement (Section VI.4.a), which defines the visual APE as a 0.75-mile radius for towers between 200 and 399 feet in height (unless otherwise determined through consultation between the applicant and the local SHPO office).

Phase I Cultural Resources Survey

Site Name: Sideling Hill
Flickerville Road, Brush Creek Township
Fulton County, Pennsylvania 17267

September 7, 2023 | Project Number: J8237072

Prepared for:

Ambassador Towers LLC.
Paradise, Pennsylvania

Prepared by:

Suzanne Reece, MSc, RPA
Josh Duncan, BA
Terracon Consultants, Inc.
Blue Bell, Pennsylvania

Table of Contents

Executive Summary	ii
1.0 Introduction	1
2.0 Project Information	1
2.1 Project Area Description	1
2.2 Objectives and Research Design.....	1
3.0 Cultural Chronology and Ethnohistoric Context.....	2
4.0 Records Search and Background Research Results	9
5.0 Fieldwork	9
6.0 Summary and Recommendations	10
7.0 References	12
Appendix A Site Plan and Maps	
Appendix B Project Area Photographs	

Executive Summary

Ambassador Towers LLC. proposes to construct a new communications tower and support facility near Warfordsburg, Brush Creek Township, Pennsylvania. The project includes the construction of a self-supported tower, an equipment compound, a temporary construction staging area, and installation of utility lines to connect to existing services. After completion of construction, the tower will be operated under Upward Broadband LLC., who has hired Terracon to assist with the permitting process associated with the project. This tower and associated support equipment are proposed with the following specifications:

Site Name:	Sideling Hill
Terracon Project Number:	J8237072
Address:	Flickerville Road
City, County, State:	Brush Creek Township, Fulton County, Pennsylvania 17267
Latitude / Longitude:	39° 51' 9.9" N / 78° 13' 4.51" W
Proposed Lease Area:	10,000 square feet
Proposed Tower Height:	274 feet, including attachments
Tower Type:	Self-support

The lead federal agency for the proposed project is the National Telecommunications and Information Administration (NTIA), who is providing grant funding to assist with the construction of the communications tower. The NTIA defers to the Federal Communications Commission's (FCC) 2004 Nationwide Programmatic Agreement (NPA) for guidance and compliance with Section 106 of the National Historic Preservation Act of 1966, as amended. As such, the project proponent must consider the effects of the proposed undertaking on historic properties in compliance with the standards of the NPA. Secretary of Interior qualified Archaeologist Suzanne Reece, MSc, RPA, (Principal Investigator) inventoried historic properties within the area of potential effect (APE) with Staff Archaeologist Josh Duncan. The aim of this investigation was to determine if historic properties are located within the APE for direct or visual effects, and to determine if the proposed communications tower installation would have an adverse effect on cultural resources listed in, or eligible for listing in, the National Register of Historic Places (NRHP). The records search and field investigation were conducted in accordance with federal standards and the Pennsylvania State Historic Preservation Office's Guidelines for Archaeological Investigations in Pennsylvania (PA SHPO 2021). Based on the records search and field investigation, Terracon recommends a finding of *no historic properties* for the direct APE. No recorded historic properties are currently mapped within the 0.75-mile search radius. As such, Terracon recommends a finding of *no historic properties* for the APE of visual effects.

1.0 Introduction

Ambassador Towers LLC. is proposing to install a self-supporting communications tower with attached antenna array and lighting rod near Flickerville Road in Brush Creek Township, Fulton County, Pennsylvania. The proposed overall height will be 274-feet, with appurtenances. The proposed project area is located on property to the north of Summit Road which currently contains a television broadcast installation. The APE for direct effects consists of the proposed project area including the location of the tower and equipment compound, as well as the utility and access corridor. The APE for visual effects consists of 0.75-half-mile radius of the APE, as directed by the FCC Nationwide Programmatic Agreement (2004).

2.0 Project Information

2.1 Project Area Description

The project area consists of a proposed 80 by 125-foot tower compound directly off the west side of Plessinger Road (also known as Sideling Hill Road and Township Road 362), with an 80 by 125-foot temporary construction easement north of the compound, and a utility corridor extending south/southwest from the proposed tower compound. The project area can be seen on an aerial photograph and a United States Geological Survey (USGS) topographic map in Appendix A, Exhibits 1 and 2. Overview photographs of the proposed project area can be seen in Appendix B, Figures 1 through 8.

The Natural Resource Conservation Service's (NRCS) Web Soil Survey (2023) records one soil within the project area. These soils are summarized below in Table 1.

Table 1. Soils Within the Project Area.

Soil Name	Approx. Percentage of Project Area	Associated Landscape	Hydric Soil Rating
Hazelon-Dekalb complex, 25 to 75 percent slopes, extremely stony (HRF)	100	Mountains Slopes	No

The project area is located within the Appalachian Mountain Section of the Ridge and Valley physiographic province (PADCNR 2023). This region is bordered on the southeast by the base of the southeast slope of Blue Mountain. To the west and northwest, it is bordered by the center of the valley bottom west of the westernmost linear ridge. The rest of this section has arbitrary borders based on slope change of eastern ridges (PADCNR 2023). The

Appalachian Mountain Section of the Ridge and Valley physiographic province is characterized by long narrow ridges and broad to narrow valleys, with some karst (PADCNR 2023). Local relief is considered moderate to very high, and drainage patterns consist of trellis, angulate, and some karst drainage (PADCNR 2023). The geologic structure of this section of the province consists of open and closed plunging folds having narrow hinges and planar limbs, including a variety of faults (PADCNR 2023). Underlying rock types are sandstone, siltstone, shale, conglomerate, limestone, and dolomite. The origins of this section arose from fluvial erosion, solution of carbonate rocks, and periglacial mass wasting (PADCNR 2023).

At the time of the Phase I survey, ground surface visibility ranged from 0 to 50 percent, with an average visibility of 25 percent. At the time of the survey, rocks, trees, decaying leaves, and other vegetation covered much of the proposed project area. Vegetation within the project area primarily consisted of various trees and woodland undergrowth. The closest, named body of water to the project area is the Little Tonoloway Creek, which is located approximately 0.9-miles to the west of the proposed project area.

2.2 Objectives and Research Design

There were two main objectives of the Phase I Survey: determine if archaeological sites or historic-age structures are present within the proposed project area and determine if historic properties within the APE for visual effects would be adversely impacted by the proposed project. The background research for the project first involved investigating land use history, examination of historical maps and aerial photographs, and consultation of the PA-SHARE database for information on previously archaeological sites and historic-age resources. Next, a pedestrian survey was conducted to examine the project area, and a series of shovel tests were excavated. The collected information was reviewed, and a recommendation of effects is presented in this document.

3.0 Cultural Chronology and Ethnohistoric Context

Pre-Contact Period

This discussion employs a traditional cultural historical chronological sequence, though period distinctions and boundaries are often difficult to draw across broad geographical areas, given the incomplete and imprecise nature of the archaeological data. The summary information presented is provided as context for the interpretation of any identified pre-contact cultural resources within the archaeological APE and is not meant to be a complete and detailed history.

Paleoindian Period (13,950 to 9,950 Years B.P.)

The Paleoindian period encompassed the terminal Pleistocene, a cold, windy, and dry period of the declining Late Wisconsinan glaciation (Watts 1979). The southernmost advance of this glaciation did not reach Lehigh County (Sevon et al. 1999:14). Fluted lanceolate projectile points are the primary early Paleoindian diagnostic artifacts. Available blood residue analysis suggests that these projectile points were used on a wide variety of large and small species that were available during the last stages of the Pleistocene, including mammoth, bison, sheep, caribou, musk ox, and even rabbits (Brush and Smith 1994; Loy and Dixon 1998). At Dutchess Quarry Cave No. 1 in Orange County, New York, caribou bones, teeth, and antler fragments were recovered. Broken caribou limb bones, possibly indicative of marrow extraction, occurred within the same stratum as a fluted Cumberland-like point (Funk and Steadman 1994; Funk et al. 1969).

Some of the primary evidence for Paleoindian occupation of Pennsylvania comes from the Meadowcroft Rockshelter (36WH297), the Shoop site (36DA20), and the Shawnee Minisink site (36MR43). Meadowcroft Rock Shelter, located in Washington County in southwestern Pennsylvania, saw repeated but sporadic and ephemeral utilization, possibly as early as 17,650 B.C., but more securely by 14,225 B.C. to 10,850 B.C. (Adovasio and Carlisle 1986). A small unfluted lanceolate blade (Miller Lanceolate) is attributed to a Paleoindian occupation dating between 10,850±870 B.C. and 9,350±700 B.C. at Meadowcroft Rock Shelter (Adovasio et al. 1988).

The Shoop site (36DA20), located in Dauphin County in central Pennsylvania, consists of a series of lithic concentrations situated on a plateau bordered by an upper branch and tributaries of Armstrong Creek (Witthoft 1952). This site produced numerous fluted projectile points and fragments together with an extensive associated collection of cores, flaked stone implements, and debitage. Reassessments of the data from the Shoop site (36DA20) have been offered by Carr (1989) and Cox (1986). Stone tools from the Shoop site (36DA20) retained blood residue attributed to the Family Cervidae, which includes deer, elk, moose, and caribou (Hyland et al. 1990).

The Shawnee Minisink site (36MR43) is located along the Delaware River just above the Delaware Water Gap in Monroe County, Pennsylvania. The Paleoindian component at the Shawnee Minisink site (36MR43) has been dated to 8,700 B.C. (or approximately 10,650 B.P.), and produced a single fluted projectile point, along with numerous other flaked stone tools and hammerstones (McNett 1985). Features associated with the Paleoindian component include hearths and concentrations of flaking debris (McNett 1985). Resource procurement and processing strategies associated with this component are fishing; the hunting of small animals, deer, and caribou; and the collection of floral resources, including copperleaf, pigweed, blackberry, buckbean, goosefoot, hackberry, hawthorn plum, and wintercress (Dent and Kauffman 1985). More recent excavations at Shawnee-Minisink have produced a date of approximately 11,000 B.P. for the Paleoindian components (Gingerich 2007).

Archaic Period (9,950 to 3,800 Years B.P.)

Gradual climatic warming that occurred after the close of the Pleistocene gave rise to dense deciduous forests, which supported more numerous and varied species of flora and fauna. The Archaic period has traditionally been divided into Early, Middle, Late, and Terminal (or Transitional) periods, largely based upon hypothesized projectile point sequences, which have not been supported on well-dated, stratified sites.

Archaic peoples probably lived in small, highly mobile bands. Evidence gathered from various locations suggests the existence of broad-based economies centered on large and small game, birds, and fish, with the seasonal collection of nuts, berries, seeds, and greens (Asch and Asch 1985; Chapman 1975; Chapman and Watson 1993; Hughes et al. 1992; Meltzer and Smith 1986; Michels and Smith 1967). Although local and regional subsistence data remain sparse, evidence from the Susquehanna watershed supports the emergence of squash cultivation toward the end of the Archaic period (Hart and Asch-Sidell 1997).

While the Early Archaic period is associated with a technological and stylistic shift to projectiles and knives fitted with a variety of notched and stemmed blade forms, the remainder of the flaked stone tool assemblage had changed little. The Middle Archaic period in Pennsylvania is mainly defined by the presence of particular projectile point types including MacCorkle, St. Albans, LeCroy, Neville, Kanawha, Stanly, or Otter Creek types (Carr 1998:80). While bifurcate point forms seem to be clearly associated with a limited temporal span, other forms have been shown to persist into later periods. Custer (1996:Table 7) dates the Middle Archaic period, which corresponds to his "Hunter-Gatherer II Cultural Period," from 6,500 to 3,000 B.C. Raber (1985:33-36) also uses the 6,500 to 3,000 B.C. interval for the Middle Archaic in A Comprehensive State Plan for the Conservation of Archaeological Resources. While Cowin (1982, 1991) and George (1971, 1985), like Chapman (1975, 1985), assign most bifurcate point styles to the Early Archaic period, Carr (1998), Custer (1996), Gardner (1989), and Stewart and Cavallo (1991) include the bifurcates within the early Middle Archaic period. The CRGIS database also assigns bifurcate-producing sites to the Middle Archaic period (PHMC 2014).

Few Middle Archaic component archaeological sites have been excavated in Pennsylvania (Carr 1998:80). Three sites with Middle Archaic components, including the Meadowcroft Rock Shelter, Sheep Rock Shelter, and Shawnee-Minisink, have been the most informative, with others, such as the State Road Ripple Site (Cowin 1991), Conrail site (Griffiths-Connelly 1995), Central Builders site (Baker 1993), Sandts Eddy Site (Bergman et al. 1994), and West Water Street Site (Custer et al. 1993), being less so. Evidence, including the environmental reconstruction of the Early Holocene and site densities, suggests that population growth in Pennsylvania was slow throughout the Early Archaic, but increased significantly during the Middle Archaic (Carr 1998:87). In addition to the growth in population, there appears to be a greater variety of lithic raw material types being used by Middle Archaic populations. These materials are often found in cobble form indicating use of

local sources. The use of upland landforms for basecamp settlements also increased (Carr 1998:88).

The early Laurentian or “Proto-Laurentian” Tradition represents the oldest Late Archaic period assemblage defined in the Upper Susquehanna Valley in New York State (Funk 1993; Funk and Rippeteau 1977), where surface finds of Otter Creek and similar large side-notched projectile points are moderately common. Turnbaugh (1977) reports surface finds of Otter Creek projectile points in the West Branch Susquehanna River and Lycoming Creek valleys. At the East Bank site (36NB16), located on the West Branch Susquehanna River at the Interstate 80 crossing, Otter Creek-like projectile points occurred in four strata dating between ca. 6,900±40 and 3,620±60 years B.P. (East et al. 2002a). The various Brewerton projectile point forms (Ritchie 1961) are generally attributed to the Middle or Late Archaic periods in Pennsylvania, although similar forms may date to as late as the Middle Woodland period (East et al. 2002b). Surveys of upland areas in the Ridge and Valley physiographic province have revealed that Late Archaic sites are located in a variety of settings, including areas near springs, on benches, and on hillsides (Graetzer 1986; Hatch 1979; Miller 1993). Both base camps and special purpose sites are represented in the Late Archaic settlement pattern (Raber et al. 1998:126).

Woodland and Late Pre-Contact Periods (3,800 to 350 Years B.P.)

The emerging temporal overlap of broadspears, fishtails, Meadowood projectile points, ceramics, and steatite vessels suggests that the separate Terminal Archaic (or Transitional) period should be eliminated and merged with the Early Woodland period. Although the Woodland period is thought to have been marked by progressively greater reliance on native seed crops (chenopod, maygrass, sumpweed), little barley, and sunflower, as well as cultivated tropical plants, the evidence for this progression in Pennsylvania has not been forthcoming. All indications are that the hunting and gathering lifeways of the Archaic period largely continued well into the Woodland period. Maize was not in widespread use until ca. AD 850, while beans did not arrive until ca. AD 1250-1300. Large, nucleated and fortified settlements were probably not prominent fixtures on the landscape until ca. AD 1250 or later.

The hallmark of the Early and Middle Woodland periods would be the intensive trade in semi-finished and finished items made of exotic stone, particularly steatite (bowls); rhyolite (broadspears and bifaces); jasper (broadspears, Jack’s Reef projectile points, and bifaces); argillite (broadspears, Fox Creek projectile points, and bifaces); and Onondaga chert (Meadowood projectile points/bifaces and Jack’s Reef projectile points). These particular projectile point types can be firmly identified as diagnostic of the period through consistent and corroborating radiocarbon dates. Although triangular projectile points are evidenced in earlier period occupations, after AD 1000, they are the only style seen in pre-contact period tool kits (Kinsey 1972:441-443; Ritchie 1961:31-33). The exclusive use of small triangular projectile points is linked to the introduction of the bow and arrow. There have been attempts to link certain styles of triangular projectile points with certain ethnic groups;

however, the evidence is not conclusive (Custer 1996:265). According to the CRGIS, the Early Woodland period within the project region has been predominantly distinguished by the presence of Meadowood, broadspear, Perkiomen, and Susquehanna projectile points (PHMC 2014).

The earliest eastern Pennsylvania Early Woodland complex, the Bushkill phase, was defined by Kinsey (1972) from components found within the Upper Delaware River Valley. Associated artifacts include Rossville and Lagoon projectile points, along with Broadhead Net-Marked and Vinette I ceramics. The Middle Woodland period in eastern Pennsylvania is associated with Jacks Reef and Fox Creek projectile points and plain and cord-marked ceramics. The people associated with these artifacts probably followed the typical Archaic pattern of seasonal hunting and gathering (Ritchie and Funk 1973:121). Evidence of plant cultivation from the Early Woodland is inferred, although there is no direct evidence for domesticated plants in the region at this time (Stewart 2003:7). Examples of eastern Pennsylvania sites with Early to Middle Woodland components are scarce, but include the Zimmerman (Werner 1972), Faucett (Kinsey 1975), and Three Mile Island (Custer 1996; Smith 1977). Evidence from these sites implies that these communities were semi-sedentary with cyclical use of some resources and a riverine-based hunting and fishing economy (Kinsey 1975; Stewart 2003:7).

The Late Woodland Clemsons Island/Owasco period apparently featured a dispersed settlement pattern, with small hamlets on low terraces adjacent to major streams surrounded by smaller, temporary procurement and processing stations, some of which may have been situated in upland areas. Components that have not been thoroughly disrupted by plowing are often associated with buried A (Ab) horizons that may indicate a period of relative environmental and hydrologic stability (East et al. 1988; Vento 1988; Vento and Fitzgibbons 1987; Vento et al. 1990). The Clemson Island culture was primarily located within the Susquehanna River drainage. Clemson Island ceramics are characterized by crushed rock temper with cord-marked or fabric-impressed surface treatments and often a row of punctuates and/or raised nodes/bosses below the lip or on the upper rim (Maryland Archaeological Conservation Lab 2002). Evidence of Clemson Island populations from sites located on the islands and floodplains of the Middle Susquehanna and Juniata rivers indicates that these people built “small parallel-sided houses with rounded ends” (Kent 1980:33).

The later Late Woodland division (ca. AD 1250 to AD 1600) encompasses the Minguannan, Overpeck, Pahaquarra, and Delaware/Lenape (Unami and Munsee/Minisink complexes). Evidence for the presence of the Minguannan complex in southeastern Pennsylvania comes primarily from the Minguannan Site (Wilkins 1978) and the Webb Site (Custer 1985; Custer and Griffith 1985), both of which are located in Chester County. The settlement pattern of this complex involves large, macro-band base camps in productive floodplain and stream settings (Custer 1989).

Contact Period (AD 1600–ca. 1750)

The Contact period dates from the first arrival of Europeans in eastern Pennsylvania until the removal of most of the Native Americans from the area ca. 1750 (Custer 1996). During the seventeenth and eighteenth centuries, Native American groups along the western frontier underwent rapid and dramatic changes in response to disease, the fur trade, and political strategizing of the French and English. From ca. AD 1550 to AD 1675, the Susquehannock were the dominant group in both the Susquehanna and Delaware River valleys (Custer 1996). The Susquehannock controlled the fur trade with the Europeans at this time.

The Iroquois League was a confederacy of Iroquoian-speaking tribes that occupied the area between the Mohawk and Genesee rivers in what is now southern New York State (Graymont 1988:13). The Iroquois expanded their hunting territory through negotiation or warfare with neighboring tribes. In 1675, the Iroquois defeated the Susquehannock (Waldman 1988; Wallace 1986) and claimed ownership of the entire Susquehanna Valley (Weslager 1996). By 1675, the Susquehannock had left eastern Pennsylvania (Custer 1996).

During the Contact period, the Lenni Lenape (or Delaware) inhabited agricultural villages in the Delaware River Valley and along tributaries to the Delaware River (Weslager 1996). They adopted a subsistence strategy based on planting, hunting, and fishing (Weslager 1996). According to the CRGIS database, no Contact period sites have been recorded in Lehigh County. The Maxatawny Path, which connected Lechawekink (modern day Easton) with Manangy's Town (present day Reading), passed through the present location of Allentown.

Historic Period (ca. 1750+)

Fulton County is located in south central Pennsylvania, in the Ridge and Valley Appalachian Mountains of Pennsylvania, which run approximately north to south across the county. The land that became Fulton County was cut from Bedford County and was officially formed as a legal entity in 1851 (PHMC 2023). The county was named for Robert Fulton, the inventor of the steamboat, who was a longtime resident of Pennsylvania. The Fulton County seat, McConnellsburg, predates the formation of the county and was laid out in 1786 by Daniel McConnell, and then incorporated as a borough in 1814 while still a part of Bedford County (PHMC 2023).

It is known from historical, oral, and archaeological data that, prior to settlement of the area that would become Fulton County by Euro-American settlers, the land was inhabited by Indigenous Native Americans. Though the land containing Fulton County was sold to the Colony of Pennsylvania by the Iroquoian Confederacy as part of the 1754 Albany Land Purchase, many Scots Irish settlers began moving into the area in the 1740s, leading to legal conflicts and violence involving the new settlers, native inhabitants, and colonial authorities who had made previous agreements with the native inhabitants that guaranteed

their continual rights to the land (PHMC 2023; Greathead 1936). Prior to the Albany Land Purchase, the colonial government of Pennsylvania attempted to remove the early Euro-American settlers who had illegally settled the area, and many of their homes were burned by authorities after they did not heed initial warnings to vacate the area (Greathead 1936). Tensions between Natives and Euro-American settlers continued after the Albany Land Purchase as well, and in 1755 a group of 100 Shawnee and Delawares marched into the Great Cove settlement (in future Fulton County) and killed many of the settlers living there, in an attack that became known as “the Massacre in the Great Cove” (Greathead 1936). Conflicts such as this led to the creation of a series of forts across the Pennsylvania frontier in the 1750s, for the protection of colonial settlers, and which led the area to play a significant role in the overarching Indian Wars that was taking place along the colonial frontier (Greathead 1936).

The Forbes Road that led into the area that would become Fulton County brought economic prosperity to early colonial settlements in the area, known as the Great and Little Coves. Tanneries and Grist Mills were staple industries in the area during the late 18th and early 19th centuries (PHMC 2023). Following this initial period of economic success, Fulton County experienced a period of isolation and economic decline during the later 19th and early 20th centuries, as the railroads and canals that were being built up across the region did not pass through the county. Fulton County did not connect with the U.S.’s expanding infrastructure until the appearance of the Pennsylvania Turnpike in the region in 1940 (PHMC 2023). However, despite Fulton County’s isolation during this time, the vast areas of wooded land in the region provided the resources to support a strong timber industry that lasted into the 1930s (PHMC 2023). Agriculture also provided necessary resources in the region, both historically and in modern times, and currently, much of Fulton County is comprised of state forests, parks, and game lands, with some manufacturing industry providing employment to local inhabitants (PHMC 2023).

While some of the townships within the borders of Fulton County predate the formation of Fulton County, Brush Creek Township was formed in 1850, while Fulton County was being laid out (Greathead 1936). The first known settler in the area is thought to be a man named Whipkey, who supposedly settled in the area following the French and Indian War, though records related to the specific location of his homestead, and the years he lived there, are currently lost (Greathead 1936). There is still a cove in Brush Creek named Whips Cove that is thought to be named for this initial Euro-American Brush Creek settler (Greathead 1936). The 1770s-1790s saw an increase in settlement in Brush Creek and historical records show that some of these late 18th century settlers were teachers and physicians (Greathead 1936). There are assessor’s records from 1852 that also give clues to the nature of local industry and economy in the township during its early days in the mid-19th century. According to these records, multiple gristmills, merchants, innkeepers, a blacksmith, and a shoemaker were all present in the township, circa 1852 (Waterman et al. 1884). Other 19th century records from the township relate the presence of small and large farms, mercantile business, sawmills, and wagonmakers, as well as various mills and churches (Waterman et al. 1884). Originally, the main settlements in the Brush Creek Township in the mid-19th

century were Emmaville and Akersville (Waterman et al. 1884). While both of these communities have diminished in size and population in subsequent decades, they both remain to this day as small rural farming communities within the township. Agriculture has remained an important staple of the township's economy into modern times, and tourism related to outdoor activities, such as hunting, camping, fishing, and hiking, has picked up throughout the 20th and 21st centuries, particularly as access increases to the more remote parts of the region. In 1931, the Pennsylvania State Board of Game Commissioners acquired over three thousand acres of land in Brush Creek Township and set it aside as a game refuge that exists to this day as State Game Lands No. 65 (Greathead 1936).

4.0 Records Search and Background Research Results

A records search was conducted of the PA-SHARE GIS database maintained by SHPO for information regarding previously recorded historic properties within the project area and the 0.75-mile APE for visual effects. According to the results of the records search, no historic properties have been previously recorded within the project area, or within the 0.75-mile search radius. A copy of the mapped search results from the GIS database can be found in Appendix A, Exhibit 3.

Two historical atlases and plat maps were consulted at the Historic Map Works (2023) website to identify potential historical-period resources within or near the project area, including: Hopkins and Co. 1874 and Walling and Gray 1872. None of the reviewed atlases and plat maps depicted man-made features within the proposed project area.

A series of historical USGS topographic maps were reviewed which ranged in date from 1925 to 2023. Beginning in 1925, a road or track is depicted in the vicinity of the modern Plessinger Road/Sideling Hill Road. The road continues to be depicted in subsequent topographic maps, and no other development is depicted near or within the project area.

Aerial photographs dating from 1966 to 2020 were reviewed for information on land use history. No development is depicted in the aerial photograph from 1966. Throughout the reviewed photographs, the project area is depicted as undeveloped woodland.

5.0 Fieldwork

Suzanne Reece, MSc, RPA conducted the fieldwork for the Phase I survey with Staff Archaeologist Josh Duncan on August 29, 2023. The project area was examined with a pedestrian survey. No prehistoric or historic-age artifacts or structural remains were encountered during the pedestrian survey. The proposed project area is currently undeveloped woodland. The project area and staging area are located on a downslope, with

the land sloping downward from the road. Overview photographs of the project area and the television installation can be found in Appendix B, Figures 1 through 8.

Five shovel tests were excavated within the proposed tower compound. No shovel tests were excavated within the access or utility easements. The shovel tests were documented with Munsell soil color charts, field notes, photographs, and Global Positioning System (GPS) coordinates. Table 2 summarizes the information collected during the shovel testing. The soils excavated from the shovel tests were passed through 1/4-inch wire mesh to screen for artifacts. No artifacts or cultural deposits were encountered during shovel testing. Soils in the excavated shovel tests were consistent throughout, and no evidence of buried cultural deposits or prior ground disturbing activities was noted. On each of the shovel tests, efforts were made to excavate at least 10 cm into sterile subsoil. However, standard depths were not able to be reached due to dense rock deposits that standard hand digging equipment was not able to bypass. A representative photograph of a shovel test can be found in Appendix B, Figure 9. The locations of the shovel tests can be seen on a recent aerial photograph in Appendix B, Figure 10.

Table 2. Shovel Test Profiles and Artifact Data.

Shovel Test	Depth Below Ground Surface	Soil Description	Notes
1	0-12 cm	10YR 2/2 silt loam	
	12-30 cm	10YR 6/3 silt	
2	0-10 cm	10YR 2/2 silt loam	
	10-23 cm	10YR 6/3 silt	
3	0-10 cm	10YR 2/2 silt loam	Rock impasse at base.
	10-16 cm	10YR 6/3 silt	
4	0-10 cm	10YR 2/2 silt loam	
	10-30 cm	10YR 6/3 silt	
5	0-10 cm	10YR 2/2 silt loam	Rock impasse at base.
	10-25 cm	10YR 6/3 silt	

6.0 Summary and Recommendations

A Phase I survey was conducted near Warfordsburg, Brush Creek Township, Fulton County, Pennsylvania ahead of the proposed construction of a communications tower. A pedestrian survey was conducted of the project area, and did not encounter artifacts, historic structural

remains, or surface level evidence of cultural deposits. Five shovel tests were excavated within the proposed tower compound and did not encounter subsurface artifacts or cultural deposits. Based on the results of the pedestrian survey and shovel testing, it is unlikely that unknown, NRHP eligible cultural resources are present within the direct APE. Therefore, Terracon recommends a finding of *no historic properties* for the direct APE. No historic properties have been previously recorded within 0.75-mile of the project area; therefore, Terracon recommends a finding of *no historic properties* for the APE of visual effects.

Should buried artifacts, human remains, or cultural deposits be encountered during ground disturbing activities, it is Terracon's recommendation that construction immediately halt, and the resources should be examined by a professional archaeologist. Appropriate authorities, including the State Historic Preservation Office (SHPO), should be notified.

Prepared by:



Suzanne Reece, MSc, RPA
Principal Investigator



Marilyn Zenko
Senior Archaeologist

7.0 References

Adovasio, J.M., and R.C. Carlisle

1986 Meadowcroft Rockshelter. *Natural History* 95(12):20-27.

Adovasio, J.M., A.T. Boldurian, and R.C. Carlisle

1988 Who are Those Guys? Some Biased Thoughts on the Peopling of the New World. In *Americans Before Columbus: Ice Age Origins*, edited by R.C. Carlisle, University of Pittsburgh, Department of Anthropology, Ethnology Monograph 12. Pittsburgh.

Allentown Bicentennial Committee

1962 *Allentown Bicentennial, 1762 – 1962; Lehigh County Sesquicentennial, 1812 – 1962*, p.66. Miers Lithographic, Allentown, Pennsylvania.

Asch, D., and N. Asch

1985 Prehistoric Plant Cultivation in West-Central Illinois. In *Prehistoric Food Production in North America*, edited by R.I. Ford, pp. 149-203. Anthropological Papers No. 75. Museum of Anthropology, University of Michigan, Ann Arbor.

Baker, J.

1993 The Central Builders Site. Paper presented at the annual meeting of the Society for Pennsylvania Archaeology, Stroudsburg, Pennsylvania.

Bartholomew, A., and C.M. Front

2002 *Images of America: Allentown*, pp. 7, 8. Arcadia Publishing, Charleston, South Carolina.

Bergman, C.A., J.F. Doershuk, and J. Schulderein

1994 A Young Archaeologist's Summary Guide to the Deeply Stratified Sandts Eddy Site, Northampton County, Pennsylvania. In C.A. Bergman and J.F. Doershuk, editors, Recent Research into the Prehistory of the Delaware Valley. *Journal of Middle Atlantic Archaeology* 10: 153-168.

Brush, N., and F. Smith

- 1994 The Martins Creek Mastodon: A Paleoindian Butchery Site in Holmes County, Ohio. *Current Research in the Pleistocene* 11: 14-15.

Butterbaugh, K.A.

- 2011 *Then & Now, Lehigh County*, p.45. Arcadia Publishing, Charleston, South Carolina.

Carr, K.W.

- 1989 The Shoop Site: Thirty Years After, p. 87. In *New Approaches to Other Pasts*, edited by W.F. Kinsey, III and R.W. Moeller. Archaeological Services, Bethlehem, Connecticut.
- 1998 Archaeological Site Distributions and Patterns of Lithic Utilization During the Middle Archaic in Pennsylvania, p. 80, 88. In *the Archaic Period in Pennsylvania*, edited by P. Raber, P. Miller, and S. Neusius, pp. 77-90. Pennsylvania Historical and Museum Commission, Harrisburg.

Chapman, J.

- 1975 *The Rose Island Site and the Bifurcate Point Tradition*. Department of Anthropology, University of Tennessee, Report of Investigations 14. Knoxville.
- 1985 Archaeology and the Archaic Period in the Southern Ridge-Valley Province. In *Structure and Process in Southeastern Archaeology*, edited by R.S. Dickens, Jr. and H.T. Ward, pp. 137-153. University of Alabama Press.

Chapman, J., and P.J. Watson

- 1993 The Archaic Period and the Flotation Revolution. In *Foraging and Farming in the Eastern Woodlands*, edited by C.M. Scarry, pp. 27-38. University of Florida Press, Gainesville.

Cowin, V.L.

- 1982 *Archaeological Survey in Region VII: West Central Pennsylvania*. The Carnegie Museum of Natural History, Section of Man. Submitted to the Pennsylvania Historical and Museum Commission, Harrisburg.
- 1991 The Middle Archaic in the Upper Ohio Valley. *Journal of Middle Atlantic Archaeology* 7:43-52.

Cox, S.L.

- 1986 The Analysis of the Shoop Site. In *Archaeology of Eastern North America* 14:101-170.

Custer, J.F.

- 1985 Test Excavations at the Webb Site (36CH51), Chester County, Pennsylvania. *Pennsylvania Archaeologist* 55(12):42-43.
- 1989 *Prehistoric Cultures of the Delmarva Peninsula: An Archaeological Study*. University of Delaware Press, Newark.
- 1996 *Prehistoric Cultures of Eastern Pennsylvania*, p. 265. Commonwealth of Pennsylvania, Pennsylvania Historical and Museum Commission, Harrisburg.

Custer, J.F., and D.R. Griffith

- 1985 Late Woodland Ceramics of Delaware: Implications for the Late Prehistoric Archaeology of Northern North America. *Pennsylvania Archaeologist* 55(3):5-20.

Custer, J.F., S.C. Walters, and D.N. Bailey

- 1993 *Data Recovery Investigations of the West Water Street Site 36CN175, Lock Haven, Clinton County, Pennsylvania*. KSF Historic Preservation Group, Philadelphia. Submitted to the United States Army Corps of Engineers, Baltimore District, Baltimore.

Dent, R.J., and B.E. Kauffman

- 1985 Aboriginal Subsistence and Site Ecology as Interpreted from Microfloral and Faunal Remains. In *Shawnee Minisink: A Stratified Paleo- Indian/Archaic Site in the Upper Delaware Valley of Pennsylvania*, edited by C.W. McNett, Jr., pp. 55-79. Academic Press, Orlando.

East, T., J.M. Adovasio, W.C. Johnson, and D.R. Pedler

- 1988 *The Prehistory of the Catawissa Bridge Replacement Site (36CO9), Columbia County, Pennsylvania*. Interim draft final report. Cultural Resource Management Program, Department of Anthropology, University of Pittsburgh, Pittsburgh. Submitted to Parsons Brinkerhoff-Quade & Douglas, Inc., Philadelphia, and the Pennsylvania Department of Transportation.

East, T.C., F.J. Vento, C.T. Espenshade, M.G. Sams, and B.C. Henderson

- 2002a *Northumberland County, I-80, Section 52D, Bridge Expansion and Highway Improvement Project, Phase I/II/III Archaeological Investigations*. Prepared by Skelly and Loy, Inc. for the Pennsylvania Department of Transportation Engineering District 3-0, Montoursville.

East, T.C., F.J. Vento, C.T. Espenshade, M.G. Sams, and B.C. Henderson

- 2002b *Bradford County, Pennsylvania, S.R. 1022, Section 003, Ulster Bridge Replacement, Phase I/II Archaeological Studies*. Prepared by Skelly and Loy, Inc. for the Pennsylvania Department of Transportation Engineering District 3-0, Montoursville.

Federal Communications Commission (FCC)

- 2004 *Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission*. DCC 04-222. Federal Communications Commission, Washington, D.C.

Funk, R.E.

- 1973 The Westheimer Site (Shr. 57-2). In *Aboriginal Settlement Patterns in the Northeast*, by W.A. Ritchie and R.E. Funk, pp. 123-153. New York State Museum and Science Service Memoir 20. Albany.

- Funk, R.E.
1993 *Archaeological Investigations in the Upper Susquehanna Valley, New York State*. Persimmon Press Monographs in Archaeology. Persimmon Press, Buffalo.
- Funk, R.E., and B.E. Rippeteau
1977 *Adaptation, Continuity, and Change in Upper Susquehanna Prehistory*. Occasional papers in Anthropology No. 3. George's Mills, New Hampshire.
- Funk, R.E., and D.W. Steadman
1994 *Archaeological and Paleoenvironmental Investigations in the Dutchess Quarry Caves*. Persimmon Press, Buffalo, New York.
- Funk, R.E., G.R. Walters, and W.F. Ehlers, Jr.
1969 The Archaeology of Dutchess Quarry Cave, Orange County, New York. *Pennsylvania Archaeologist* 39(1-4): 7-28.
- Gardner, W.M.
1989 Examination of Cultural Change in the Late Pleistocene and Early Holocene (ca. 9200 to 6800 B.C.). In *Paleo-Indian Research in Virginia*, edited by J.M. Wittkofski and T.R. Rinehart, pp. 5-25. Archaeological Society of Virginia, Richmond.
- George, R.L.
1971 The Archaic of the Upper Ohio Valley: A View in 1970. *Pennsylvania Archaeologist* 41(1-2): 1-22.
- 1985 The Archaic Period. In *A Comprehensive State Plan for the Conservation of Archaeological Resources*, Volume II, edited by P.A. Raber, pp. 181-184. Pennsylvania Historical and Museum Commission, Harrisburg.
- Gingerich, J.A.M.
2007 Picking up the Pieces: New Paleoindian Research in the Upper Delaware Valley. In *Archaeology of Eastern North America* (2007)35: 117-124.

Graetzer, M.A.

1986 Settlement Patterns and Paleoclimatic Modeling: A Preliminary Study of Data from the Bald Eagle Watershed of Central Pennsylvania. Master thesis. On file, Department of Anthropology, Pennsylvania State University, University Park.

Graymont, B.

1988 The Iroquois, p.13. Chelsea House Publishers, New York.

Greathead, Elsie S.

1936 "The History of Fulton County Pennsylvania." Bedford County Genealogy. <https://www.pa-roots.com/bedford/history/historyoffultoncounty.html>. Accessed September 1, 2023.

Griffiths-Connelly, D.

1995 The Conrail Site, 36LU169, Luzerne County, Pennsylvania. Paper presented at the Middle Atlantic Archaeological Conference, April, 1995, Ocean City, Maryland.

Hart, J.P., and N. Asch-Sidell

1997 Additional Evidence for Early Cucurbit Use in the Northern Eastern Woodlands East of the Allegheny Front. *American Antiquity* 62:523-537.

Hatch, J.W.

1979 The 1978 National Register Survey of District 9, Centre and Clinton Counties, Pennsylvania. Submitted to the Pennsylvania Historical and Museum Commission, Harrisburg.

Hauser, James J.

1902 *A History of Lehigh County Pennsylvania, from the Earliest Settlements to the Present Time, Including Much Valuable Information for the Use of Schools, Families, Libraries.* (2009). Cornell University Library.

Historic Map Works

2023 Historic Map Works, Historic Map Works, LLC., South Portland, Maine. www.historicmapworks.com.

Hopkins, G.M., and Company

1874 *Pennsylvania State Atlas*. G.M. Hopkins and Co., Philadelphia.

Hughes, M.A., J.P. Kerr, and A.M. Pecora

1992 *The Winfield Locks Site: A Phase III Excavation in the Lower Kanawha Valley, West Virginia*. Cultural Resources Analysts, Inc., Contract Publication Series 92-81, Lexington, Kentucky. Submitted to the U.S. Army Corps of Engineering, Huntingdon District.

Hyland, D.C., J.M. Tersak, J.M. Adovasio, and M.I. Siegel

1990 Identification of the Species of Origin of Residual Blood on Lithic Material. *American Antiquity* 55(1):104-112.

Kalmbach Publishing Company

2000 *The Historical Guide to North American Railroads: 160 Lines Abandoned or Merged Since 1930*, p. 358-360. Kalmbach Publishing Company, Waukesha, Wisconsin.

Kent, B.C.

1980 *Discovering Pennsylvania's Archaeological Heritage*, p. 33. Pennsylvania Historical and Museum Commission, Harrisburg.

Kinsey, W.F., III

1972 *Archaeology in the Upper Delaware Valley*, pp. 441-443. The Pennsylvania Historical and Museum Commission, Anthropological Series 2. Harrisburg.

1975 Faucett and Byram Sites: Chronology and Settlement in the Delaware Valley. *Pennsylvania Archaeologist* 45(1-2):1-103.

Lehigh Valley Planning Commission, publisher

2007 *Lehigh Valley Freight Study*, p. 24. Allentown.

Loy, T.H., and E.J. Dixon

1998 Blood Residues on Fluted Points from Eastern Beringia. *American Antiquity* 63(1):21-46.

Martin, J.

1997 *Pennsylvania Almanac*, page 97. Stackpole Books, Mechanicsburg, Pennsylvania.

Maryland Archaeological Conservation Lab

2002 Prehistoric Ceramics in Maryland.
<http://jefpat.org/diagnostic/index.htm>. Accessed October 26, 2010.

McNett, C.W., Jr.

1985 *Shawnee Minisink: A Stratified Paleoindian/Archaic Site in the Upper Delaware Valley of Pennsylvania*. Academic Press, New York.

Meltzer, D.J., and B.D. Smith

1986 Paleo-Indian and Early Archaic Subsistence Strategies in Eastern North America. In *Foraging, Collecting and Harvesting: Archaic Period Subsistence and Settlement in the Eastern Woodlands*, edited by S. Neusius, pp. 1-30. Center for Archaeological Investigations, Southern Illinois University, Carbondale.

Miller, P.E.

1993 Prehistoric Settlement Patterns in the Bald Eagle Creek Drainage of Central Pennsylvania. Ph.D. dissertation, Department of Anthropology, Pennsylvania State University, University Park. University Microfilms, Ann Arbor, Michigan.

Natural Resources Conservation Service (NRCS)

2023 Web Soil Survey. Natural Resources Conservation Service, Washington, D.C. <https://websoilsurvey.sc.egov.usda.gov>.

Pennsylvania Historical and Museum Commission (PHMC)

2014 Cultural Resources Geographic Information System (CRGIS).
<https://www.dot7.state.pa.us/CRGIS/Home/Index>.

2017 Cultural Resources Geographic Information System (CRGIS).
<https://www.dot7.state.pa.us/CRGIS/Home/Index>.

Pennsylvania Historical and Museum Commission (PHMC)

- 2023 "Pennsylvania Agricultural History Project: Fulton County Manuscripts 1850". Pennsylvania Historical & Museum Commission (PHMC), Harrisburg, Pennsylvania.

Pennsylvania State Historic Preservation Office (PA SHPO, SHPO)

- 2021 *Guidelines for Archaeological Investigations in Pennsylvania*. Pennsylvania State Historic Preservation Office, Harrisburg, Pennsylvania.

- N.D. "Fulton County." Incorporation Dates for Municipalities. Pennsylvania Historical and Museum Commission.

Raber, P.A.

- 1985 *A Comprehensive State Plan for the Conservation of Archaeological Resources*, pp. 33-36. Volume II. Pennsylvania Historical and Museum Commission, Harrisburg.

Raber, P.A., P.E. Miller, and S.M. Neusius (eds.)

- 1998 The Archaic Period in Pennsylvania: Current Models and Future Directions, p. 126. In *The Archaic Period in Pennsylvania*. Pennsylvania Historical and Museum Commission, Commonwealth of Pennsylvania, Harrisburg.

Ritchie, W.A.

- 1961 *A Typology and Nomenclature for New York State Projectile Points*, pp. 31-33. New York State Museum and Science Service Bulletin 384. Albany, New York.

Ritchie, W.A., and R.E. Funk

- 1973 *Aboriginal Settlement Patterns in the Northeast*, p. 121. New York State Museum Science Service Memoir 20. Albany, New York.

Sevon, W.D., G.M. Fleeger, and V.C. Shepps

- 1999 *Pennsylvania and the Ice Age*, 2nd edition, p. 14. Pennsylvania Geological Survey, Fourth Series, Educational Series 6, Harrisburg.

Smith, I.F., III

1977 *Early and Middle Woodland Composites on Three Mile Island, Dauphin County, Pennsylvania.* Pennsylvania Historical and Museum Commission, Harrisburg.

Spady, James O'neil

2004 Colonialism and the Discursive Antecedents of Penn's Treaty with the Indians. In *From Native America to Penn's Woods: Colonists, Indians, and the Racial Construction of Pennsylvania*, edited by William A. Pencak and Daniel K. Richter. p. 18-40. State College: Pennsylvania State University Press.

Stewart, R.M.

2003 A Regional Perspective on Early and Middle Woodland Prehistory in Pennsylvania, p. 7. In *Foragers and Farmers of the Early and Middle Woodland Periods in Pennsylvania*, edited by P.A. Raber and V.L. Cowin. Pennsylvania Historical and Museum Commission, Commonwealth of Pennsylvania, Harrisburg.

Stewart, R.M., and J.A. Cavallo

1991 Delaware Valley Middle Archaic. *Journal of Middle Atlantic Archaeology*. 7: 19-24.

Treese, L.

2003 *Railroads of Pennsylvania*, p.7. Stackpole Books, Mechanicsburg, Pennsylvania.

Turnbaugh, W.A.

1977 *Man, Land and Time.* The Lycoming County Historical Society, Williamsport, Pennsylvania.

United States Geological Survey (USGS)

2023 *Needmore, Pennsylvania. Quadrangle. 7.5 Minute Topographic.* United States Geological Survey, Washington, D.C.

Vento, F.J.

1988 Paleosol Development and Site Occurrence in the Susquehanna River Drainage Basin. Paper presented to the Pennsylvania Archaeological Council, Symposium on Environmental Studies and Pennsylvania Archaeology. Morgantown, Pennsylvania.

Vento, F.J., and P.T. Fitzgibbons

- 1987 Holocene Age Paleosol Development and Archaeological Site Locations. Paper presented at the 52nd Annual Meeting of the Society for American Archaeology, Toronto, Canada.

Vento, F.J., H. Rollins, R.M. Stewart, P. Raber, and W. Johnson

- 1990 Genetic Stratigraphy, Climate Change and the Burial of Archaeological Sites within the Susquehanna, Delaware and Ohio River Drainage Basins. Submitted to the Bureau for Historic Preservation, Pennsylvania Historical and Museum Commission, Harrisburg.

Waldman, C.

- 1988 *Encyclopedia of Native American Tribes*. Facts on File Publications, New York.

Wallace, P.A.W.

- 1986 *Indians in Pennsylvania*. Pennsylvania Historical and Museum Commission, Harrisburg.

- 1987 *Indian Paths of Pennsylvania*, p. 98. Pennsylvania Historical and Museum Commission, Harrisburg.

Walling, Henry F., and O.W. Gray

- 1872 *New Topographical Atlas of the State of Pennsylvania*. Stedman, Brown & Lyon, Philadelphia.

Waterman, Watkins, & Co.

- 1884 "History of Bedford, Somerset, and Fulton Counties, Pennsylvania: with Illustrations and Biographical Sketches of some of its Pioneers and Prominent Men". Published by Waterman, Watkins, & Company, Chicago, 1884.

Watts, W.A.

- 1979 The Quaternary Vegetation of Central Appalachia and the New Jersey Coastal Plain. *Ecological Monographs* 49(4):427-469.

Weslager, C.A.

- 1996 *The Delaware Indians*. Rutgers University Press, New Brunswick, New Jersey.

Werner, D.

- 1972 The Zimmerman Site, 36-PI-14. In *Archaeology in the Upper Delaware Valley*, edited by W. Fred Kinsey, III, pp. 55-130. Pennsylvania Historical and Museum Commission, Anthropological Series No. 3.

Whelan, F.

- 2012 *Lehigh County: A Bicentennial Look Back at an American Community*, p. 11, 14-15, 25, 42, 47, 99, 100. County of Lehigh, Allentown.

Wilkins, Elwod S, Jr.

- 1987 A Selden Island Pottery Vessel from the Minguannan Site – 36CH3. In *Bulletin of The Archaeological Society of Delaware*, Number 11, New Series: p. 17-22.

Witthoft, J.

- 1952 A Paleo-Indian Site in Eastern Pennsylvania: An Early Hunting Culture. *Proceedings of the American Philosophical Society* 96(4). Philadelphia.

Appendix A

Site Plan and Maps

Please refer to Appendix B for Site Figures

Please refer to Appendix F for Site Photographs



Pennsylvania State Historic Preservation Office

PENNSYLVANIA HISTORICAL AND MUSEUM COMMISSION

October 2, 2023

Sent Via PA-SHARE

RE: ER Project # 2023PR04738.001, Sideling Hill Tower (Ambassador Towers), National Telecommunications and Information Admini, Belfast Township, Fulton County

Dear Submitter,

Thank you for submitting information concerning the above referenced project. The Pennsylvania State Historic Preservation Office (PA SHPO) reviews projects in accordance with state and federal laws. Section 106 of the National Historic Preservation Act of 1966, and the implementing regulations (36 CFR Part 800) of the Advisory Council on Historic Preservation, is the primary federal legislation. The Environmental Rights amendment, Article 1, Section 27 of the Pennsylvania Constitution and the Pennsylvania History Code, 37 Pa. Cons. Stat. Section 500 et seq. (1988) is the primary state legislation. These laws include consideration of the project's potential effects on both historic and archaeological resources.

Above Ground Resources

No Above Ground Concerns - Environmental Review - No Historic Properties - Above Ground

Based on the information received and available in our files, it is our opinion that there are no above ground historic properties (resources listed in or eligible for listing in the National Register) present in the project area of potential effect. Therefore, no above ground historic properties will be affected by the proposed project. Should the scope of the project change and/or new information be brought to your attention regarding historic properties located within the project area of potential effect, please reinitiate consultation with our office using PA-SHARE.

For questions concerning above ground resources, please contact Tyra Guyton at tyguyton@pa.gov.

Archaeological Resources

No Archaeological Concerns - Environmental Review - No Effect - Archaeological

Based on the information received and available in our files, in our opinion, the proposed project should have No Effect on archaeological resources. Our analysis indicates that archaeological resources are potentially located in this project area. Should the scope of the project be amended to include additional ground-disturbing activity and/or should you be made aware of historic property concerns, you will need to reinitiate consultation with our office using PA-SHARE.

For questions concerning archaeological resources, please contact John Gardosik at jgardosik@pa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Emma Diehl". The signature is fluid and cursive, with a long horizontal stroke at the end.

Emma Diehl
Environmental Review Division Manager

Waterfall New Tower
Section 106 Documentation

Notification Date:

File Number:

General Information

1) (Select only one) (NE) NE – New UA – Update of Application WD – Withdrawal of Application	
2) If this application is for an Update or Withdrawal, enter the file number of the pending application currently on file.	File Number:

Applicant Information

3) FCC Registration Number (FRN): 0033898511
4) Name: Ambassador Towers LLC

Contact Name

5) First Name: Ben	6) MI:	7) Last Name: Momose	8) Suffix:
9) Title:			

Contact Information

10) P.O. Box:	And /Or	11) Street Address: 3105 Lincoln Highway East	
12) City: Paradise		13) State: PA	14) Zip Code: 17562
15) Telephone Number: (210)448-2623		16) Fax Number:	
17) E-mail Address: bmomose@upwardbroadband.com			

Consultant Information

18) FCC Registration Number (FRN): 0028057495
19) Name: Terracon Consultants

Principal Investigator

20) First Name: Suzanne	21) MI:	22) Last Name: Reece	23) Suffix:
24) Title:			

Principal Investigator Contact Information

25) P.O. Box:	And /Or	26) Street Address: 844 N. Lenola Road	
27) City: Moorestown		28) State: NJ	29) Zip Code: 08057
30) Telephone Number: (856)813-3267		31) Fax Number:	
32) E-mail Address: Kathy.Eisele@Terracon.com			

Professional Qualification

33) Does the Principal Investigator satisfy the Secretary of the Interior's Professional Qualification Standards?	(<input checked="" type="checkbox"/>) <u>Y</u> es () <u>N</u> o
34) Areas of Professional Qualification: (<input checked="" type="checkbox"/>) Archaeologist () Architectural Historian () Historian () Architect () Other (Specify) _____	

Additional Staff

35) Are there other staff involved who meet the Professional Qualification Standards of the Secretary of the Interior?	() <u>Y</u> es (<input checked="" type="checkbox"/>) <u>N</u> o
--	--

If "YES," complete the following:

36) First Name:	37) MI:	38) Last Name:	39) Suffix:
40) Title:			
41) Areas of Professional Qualification: () Archaeologist () Architectural Historian () Historian () Architect () Other (Specify) _____			

Site Information

Tower Construction Notification System

1) TCNS Notification Number: **NTIA TCNS No. 270470**

Site Information

2) Positive Train Control Filing Subject to Expedited Treatment Under Program Comment: () Yes (**X**) No

3) Site Name: **Waterfall**

4) Site Address: **3543 Blacks Mountain Road**

5) Detailed Description of Project:

Construction of self-support telecommunications tower

6) City: **Taylor Township**

7) State: **PA**

8) Zip Code: **16689**

9) County/Borough/Parish: **FULTON**

10) Nearest Crossroads: **NW Blacks Mountain Road and Route 444**

11) **NAD 83** Latitude (DD-MM-SS.S): **40-07-37.0** (**X**) N or () S

12) **NAD 83** Longitude (DD-MM-SS.S): **078-04-46.4** () E or (**X**) W

Tower Information

13) Tower height above ground level (include top-mounted attachments such as lightning rods): **199.0** (**X**) Feet () Meters

14) Tower Type (Select One):

() Guyed lattice tower

(**X**) Self-supporting lattice

() Monopole

() Other (Describe):

Project Status

15) Current Project Status (Select One):

(**X**) Construction has not yet commenced

() Construction has commenced, but is not completed

Construction commenced on: _____

() Construction has been completed

Construction commenced on: _____

Construction completed on: _____

Determination of Effect

14) Direct Effects (Select One):

- (☒) No Historic Properties in Area of Potential Effects (APE)
- (☐) No Effect on Historic Properties in APE
- (☐) No Adverse Effect on Historic Properties in APE
- (☐) Adverse Effect on one or more Historic Properties in APE

15) Visual Effects (Select One):

- (☒) No Historic Properties in Area of Potential Effects (APE)
- (☐) No Effect on Historic Properties in APE
- (☐) No Adverse Effect on Historic Properties in APE
- (☐) Adverse Effect on one or more Historic Properties in APE

Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultural significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects?	(<input checked="" type="checkbox"/>) <u>Y</u> es () <u>N</u> o
2a) Tribes/NHOs contacted through TCNS Notification Number: _____ Number of Tribes/NHOs: <u>0</u>	
2b) Tribes/NHOs contacted through an alternate system: NTIA TCNS No. 270470 Number of Tribes/NHOs: <u>13</u>	

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name:

Contact Name

5) First Name:	6) MI:	7) Last Name:	8) Suffix:
9) Title:			

Dates & Response

10) Date Contacted _____	11) Date Replied _____
() No Reply	
() Replied/No Interest	
() Replied/Have Interest	
() Replied/Other	

Other Tribes/NHOs Contacted

Tribe/NHO Information

1) FCC Registration Number (FRN):
2) Name:

Contact Name

3) First Name:	4) MI:	5) Last Name:	6) Suffix:
7) Title:			

Contact Information

8) P.O. Box:	And /Or	9) Street Address:	
10) City:		11) State:	12) Zip Code:
13) Telephone Number:		14) Fax Number:	
15) E-mail Address:			
16) Preferred means of communication: () E-mail () Letter () Both			

Dates & Response

17) Date Contacted _____	18) Date Replied _____
() No Reply	
() Replied/No Interest	
() Replied/Have Interest	
() Replied/Other	

Historic Properties

Properties Identified

1) Have any historic properties been identified within the APEs for direct and visual effect?	() <u>Y</u> es (X) <u>N</u> o
2) Has the identification process located archaeological materials that would be directly affected, or sites that are of cultural or religious significance to Tribes/NHOs?	() <u>Y</u> es (X) <u>N</u> o
3) Are there more than 10 historic properties within the APEs for direct and visual effect? If "Yes", you are required to attach a Cultural Resources Report in lieu of adding the Historic Property below.	() <u>Y</u> es (X) <u>N</u> o

Historic Property

4) Property Name:
5) SHPO Site Number:

Property Address

6) Street Address:		
7) City:	8) State:	9) Zip Code:
10) County/Borough/Parish:		

Status & Eligibility

11) Is this property listed on the National Register? Source: _____	() <u>Y</u> es () <u>N</u> o
12) Is this property eligible for listing on the National Register? Source: _____	() <u>Y</u> es () <u>N</u> o
13) Is this property a National Historic Landmark?	() <u>Y</u> es () <u>N</u> o

14) Direct Effects (Select One): <input type="checkbox"/> No Effect on this Historic Property in APE <input type="checkbox"/> No Adverse Effect on this Historic Property in APE <input type="checkbox"/> Adverse Effect on this Historic Property in APE
15) Visual Effects (Select One): <input type="checkbox"/> No Effect on this Historic Property in APE <input type="checkbox"/> No Adverse Effect on this Historic Property in APE <input type="checkbox"/> Adverse Effect on this Historic Property in APE

Local Government Involvement

Local Government Agency

1) FCC Registration Number (FRN):
2) Name: Taylor Township

Contact Name

3) First Name: Monica	4) MI:	5) Last Name: Merlott	6) Suffix:
7) Title:			

Contact Information

8) P.O. Box: PO Box 627	And /Or	9) Street Address:	
10) City: Hustontown		11) State: PA	12) Zip Code: 17229
13) Telephone Number: (814)685-3806		14) Fax Number:	
15) E-mail Address: monicamellott@yahoo.com			
16) Preferred means of communication: (<input checked="" type="checkbox"/>) E-mail () Letter () Both			

Dates & Response

17) Date Contacted 08/21/2023	18) Date Replied _____
(<input checked="" type="checkbox"/>) No Reply () Replied/No Interest () Replied/Have Interest () Replied/Other	

Additional Information

19) Information on local government's role or interest (optional):
--

Other Consulting Parties

Other Consulting Parties Contacted

1) Has any other agency been contacted and invited to become a consulting party?	(<input checked="" type="checkbox"/>) <u>Yes</u> () <u>No</u>
--	---

Consulting Party

2) FCC Registration Number (FRN):
3) Name: Fulton County Historical Society

Contact Name

4) First Name: N/A	5) MI:	6) Last Name: N/A	7) Suffix:
8) Title:			

Contact Information

9) P.O. Box: PO Box 115	And /Or	10) Street Address:	
11) City: McConnellsburg		12) State: PA	13) Zip Code: 17233
14) Telephone Number: (717)485-3172		15) Fax Number:	
16) E-mail Address: director@fultonhistory.org			
17) Preferred means of communication: (<input checked="" type="checkbox"/>) E-mail () Letter () Both			

Dates & Response

18) Date Contacted 08/21/2023	19) Date Replied _____
(<input checked="" type="checkbox"/>) No Reply () Replied/No Interest () Replied/Have Interest () Replied/Other	

Additional Information

20) Information on other consulting parties' role or interest (optional):

Designation of SHPO/THPO

1) Designate the Lead State Historic Preservation Officer (SHPO) or Tribal Historic Preservation Officer (THPO) based on the location of the tower.

SHPO/THPO

Name: **Pennsylvania State Historic Preservation Office**

2) You may also designate up to three additional SHPOs/THPOs if the APEs include multiple states. If the APEs include other countries, enter the name of the National Historic Preservation Agency and any state and provincial Historic Preservation Agency.

SHPO/THPO Name: _____

SHPO/THPO Name: _____

SHPO/THPO Name: _____

Certification

I certify that all representations on this FCC Form 620 Submission Packet and the accompanying attachments are true, correct, and complete.

Party Authorized to Sign

First Name:

MI:

Last Name:

Suffix:

Signature:

Date: _____

FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID.

WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18, Section 1001) AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).

Attachments :

Type

Description

Date Entered

Suzanne Reece, MSC, RPA

PRINCIPAL INVESTIGATOR - ARCHAEOLOGY

PROFESSIONAL EXPERIENCE

Ms. Reece is an Archaeologist and Principal Investigator in our Minnesota office. Ms. Reece has worked as an archaeological Principal Investigator throughout the upper Midwest. She has planned, managed, and conducted numerous cultural resources surveys for both public and private clients ranging from individual landowners to federal agencies. Ms. Reece has expertise in the areas of historical research, pedestrian and subsurface archaeological investigations, human and animal skeletal analysis, artifact identification and curation, as well as mitigation of disturbances to archaeological sites. She also has extensive experience in evaluation of historic structures and archaeological sites for National Register of Historic Places (NRHP) eligibility.

PROPERTY DEVELOPMENT

Ms. Reece has done extensive work with both private and public sector clients assessing proposed site locations for cultural resources. Her work has helped clients avoid costly delays by identifying archaeological sites and historic properties prior to land purchases and the start of construction. She has conducted literature searches (desktop reviews), intensive Phase I and Phase II surveys, and archaeological monitoring of construction activities in support of site selection and property development projects. Some of the property development and site selection projects Ms. Reece has worked on include: residential developments, municipal and state land purchases, industrial park development, and wetland mitigation banks.

INFRASTRUCTURE DEVELOPMENT

Ms. Reece has planned and conducted numerous cultural resources surveys related to the repair, replacement, and creation of modern infrastructure. She has conducted literature searches (desktop reviews) for utility installations within road rights-of-way, as well as intensive Phase II surveys and Phase III treatment plans for waterline, sewer line, telecommunication, and flood mitigation projects. While conducting these surveys, Ms. Reece has also gained experience in identifying and documenting historic structures and historic districts.

MUNICIPAL, STATE, AND FEDERAL PROPERTY

Ms. Reece has conducted many cultural resources studies on public lands owned by a government entity. In conducting these projects, she has played a role in obtaining the necessary state and federal archaeological permits, overseen compliance with permit stipulations, and conducted and documented the resulting fieldwork. She has conducted archival research,



EDUCATION

Master of Science,
Osteoarchaeology, University of
Edinburgh, 2013.

Bachelor of Arts, Anthropology,
University of Minnesota, 2011.

AFFILIATIONS

American Association of Biological
Anthropologists (AABA)

International Council for
Archaeozoology (ICAZ)

Register of Professional
Archaeologists (RPA)

WORK HISTORY

Terracon Consultants, Inc., St. Paul,
Minnesota. Principal Investigator,
2018-Present.

Kogel Archaeological Consulting
Services, Sioux Falls, South Dakota.
Principal Investigator, 2013-2018.

University of Edinburgh, Edinburgh,
Scotland. Osteoarchaeologist, 2013.

University of Minnesota,
Minneapolis, Minnesota. Laboratory
Intern, 2010; Excavator, 2008.

Suzanne Reece, MSC, RPA

PRINCIPAL INVESTIGATOR - ARCHAEOLOGY

Phase I reconnaissance surveys and intensive Phase II surveys, mortuary feature relocation surveys, Phase III treatment plans and investigations, and archaeological monitoring for projects on public land.

TRANSPORTATION IMPROVEMENTS

Ms. Reece has led cultural resources planning efforts and fieldwork for numerous transportation improvement projects which require compliance with state or federal historic preservation laws. These projects have included improvements to railways, road construction and expansion, highway erosion and floodwater mitigation studies, as well as cultural resources oversight of soil borrow project areas. She has conducted research and prepared reports on the historic significance of structures such as bridges and culverts and how to mitigate their loss of historic integrity during repairs or replacements.

OSTEOARCHAEOLOGICAL PROJECT EXPERIENCE

COMPLEX AND COMINGLED CONTEXTS

From the start of her archaeological training, Ms. Reece has worked with comingled human and animal skeletal remains from complex archaeological contexts. She has undertaken projects that involve sorting and identification of comingled skeletal remains from archaeological sites from the United States and around the world, including work with assemblages from Algeria, the Caucasus Mountains, Ireland, Spain, Turkey, and the United Kingdom. Her experience with human and non-human skeletal materials has proven invaluable in the analysis and proper identification of osseous material in both field and laboratory settings, particularly when fragmentary remains are involved.

MORTUARY FEATURE IDENTIFICATION

As a Principal Investigator, Ms. Reece has been responsible for the identification and investigation of potential burial features encountered during cultural resources surveys. Her experience includes identification and non-intrusive investigation of burial mound sites, determining likely burial mound locations based on historical and ethnographic documentation, and minimally invasive excavation of unconfirmed mortuary features. Ms. Reece has also conducted historic research and pedestrian surveys to identify the boundaries of historic cemeteries to ensure that proposed projects do not encroach on any unmarked burials that may be present.

SKELETAL ANALYSIS

In her work, Ms. Reece has used modern techniques to identify important biological information from human skeletal remains, including age, sex, height, and ancestry indicators. Her work has also included documentation and identification of both pathological conditions and traumatic injuries. Ms. Reece has conducted skeletal analysis with complete, partial, and fragmentary osseous material, as well as cremated remains ("cremains"). Her experience with analysis of animal remains includes identification of species, sex, age, body size estimations, pathological conditions, and traumatic injuries. Ms. Reece is also experienced in the identification of taphonomic changes in bone caused by human and animal activity as well as natural weathering processes.

Please refer to Appendix B for Site Figures

ADDITIONAL SITE INFORMATION

Terracon understands that Ambassador Towers LLC is proposing to build a telecommunications tower with associated antennas and equipment enclosures under the following specifications:

Site Name:	Waterfall
Terracon Project Number:	J8237072
Address:	3543 Blacks Mountain Road
City, County, State:	Taylor Twp (Waterfall), Fulton County, Pennsylvania 16689
Latitude / Longitude:	40° 7' 37.02" N / 78° 4' 46.45" W
Proposed Lease Area:	11,250 square feet
Proposed Tower Height:	199 feet, including attachments
Tower Type:	Self-support

The project consists of an approximate 11,250 square-foot tower compound and an approximate 30-foot by 300-foot access easement, and a 20-foot by 2,500-foot utility easement. The proposed self-support tower will be 199 feet in overall height. The project site and surrounding properties are also undeveloped, wooded land.



UNITED STATES DEPARTMENT OF COMMERCE
National Telecommunications and
Information Administration
Washington, D.C. 20230

**NOTICE OF ORGANIZATION(S) WHICH WERE SENT PROPOSED
BROADBAND PROJECT NOTIFICATION INFORMATION**

Date: 08/18/2023

UPWARD BROADBAND
KATHY EISELE
1401 CONSTITUTION AVE.
WASHINGTON, DC 20230

Dear Applicant:

The National Telecommunications and Information Administration (NTIA) is using a modified version of the Federal Communications Commission's (FCC) Tower Construction Notification System (TCNS) as a means of expediting its Broadband grant programs. This notice is to inform you that the following authorized parties were sent information about the application that you submitted to NTIA through TCNS. The information was forwarded to authorized TCNS users by electronic mail and/or regular mail (letter).

Persons who have received the notification that you provided include leaders or their designees of federally-recognized American Indian Tribes, including Alaska Native Villages (collectively "Tribal Nations"), Native Hawaiian Organizations (NHOs), and State Historic Preservation Officers (SHPOs) who have set their geographic preferences on TCNS. For your convenience in identifying the referenced Tribal Nations and NHOs and in making further contacts, the City and State of the Seat of Government for each Tribal Nation and NHO, as well as the designated contact person, is included in the listing below. We note that Tribal Nations may have Section 106 cultural interests in ancestral homelands or other locations that are far removed from their current Seat of Government. Consistent with the FCC's rules as set forth in the NPA, NTIA requires that all Tribal Nations and NHOs listed below are afforded a reasonable opportunity to respond to this notification, consistent with the procedures set forth below.

We note that the review period for all parties begins upon receipt of a full project submittal and notifications that do not provide this serve as information only. If, upon receipt, the Tribal Nation or NHO does not respond within a reasonable time, you should make a reasonable effort at follow-up contact, unless the Tribal Nation or NHO has agreed to different procedures. In the event a Tribal Nation or NHO does not respond to a follow-up inquiry, or if a substantive or procedural disagreement arises between you and a Tribal Nation or NHO, you must seek guidance from NTIA. NTIA will follow procedures consistent with those set forth in the FCC's Second Report and Order released on March 30, 2018 (FCC 18-30).

1. THPO - Jarell Grant - Omaha Tribe of Nebraska - (PO Box: 368) - Macy, NE - jarell.grant@theomahatribe.com; mark.parker@theomahatribe.com - 402-837-5391 (ext: 434) - electronic mail

Details: Please note we have updated procedures. Please email us at Omahatribefcctns@outlook.com

2. TCNS Coordinator - Tiffany Martinez - Delaware Nation - 31064 State Highway 281 (PO Box: 825) - Anadarko, OK - tmartinez@delawarenation-nsn.gov; epaden@delawarenation-nsn.gov - 405-247-2448 (ext: 1403) - electronic mail
Details: The Delaware Nation of Oklahoma Historic Preservation Office has developed the following consultation procedures for all TCNS projects identified as undertakings by the Federal Communications Commission. In the email subject line, please specify whether the project is for a tower, small cell, or collocation. Our response can be given faster

with this information.

3. Cultural Preservation Director - Carol Butler - Absentee-Shawnee Tribe of Indians of Oklahoma - 2025 S. Gordon Cooper Drive - Shawnee, OK - fccasttens@gmail.com - 405-275-4030 (ext: 6312) - electronic mail

4. TCNS Rep - Bryan Printup - Tuscarora Nation - 5226 Walmore Rd - Via: Lewiston, NY - bprintup@hetf.org - 716-264-6011 (ext: 103) - electronic mail

If the applicant/tower builder receives no response from the Tuscarora Nation within 30 days after notification through TCNS, the Tuscarora Nation has no interest in participating in pre-construction review for the proposed site. The Applicant/tower builder, however, must immediately notify the Tuscarora Nation in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

5. THPO - Lawrence Plucinski - Bad River Band of Lake Superior Tribe of Chippewa Indians - (PO Box: 39) - Odanah, WI - thpo@badriver-nsn.gov; deputyTHPO@badriver-nsn.gov - 715-682-7123 - electronic mail

If the applicant/tower builder receives no response from the Bad River Band of Lake Superior Tribe of Chippewa Indians within 30 days after notification through TCNS, the Bad River Band of Lake Superior Tribe of Chippewa Indians has no interest in participating in pre-construction review for the proposed site. The Applicant/tower builder, however, must immediately notify the Bad River Band of Lake Superior Tribe of Chippewa Indians in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

6. THPO - Marvin DeFoe - Red Cliff Band of Lake Superior Chippewa Indians of Wisconsin - 88455 Pike Road, HWY 13 - Bayfield, WI - Marvin.DeFoe@redcliff-nsn.gov; Edwina.Buffalo-Reyes@redcliff-nsn.gov - 715-779-3700 (ext: 4242) - electronic mail

Details: Boozhoo, we do not have the Red Cliff Portal site online anymore and apologize for the inconvenience.

If you have a project that has already been paid for or would like to voluntarily pay for, please email documents for project review to THPO@redcliff-nsn.gov. This address is only to be used by Consultants who are voluntarily paying for projects.

If you have any questions, please contact Marvin Defoe, THPO Manager at (715) 779-3700 Ext. 4244 or Edwina Buffalo-Reyes, THPO Assistant at (715) 779-3700Ext. 4243.

7. THPO - William Tarrant - Seneca-Cayuga Nation - 23701 S 655 Road (PO Box: 453220) - Grove, OK - wtarrant@sctribe.com - 918-787-5452 (ext: 344) - regular mail

Details: Please refrain from sending review information via email. We request all information to be sent via mail to PO Box 453220, Grove, OK 74345.

8. Cell Tower Coordinator - Kelly Nelson - Eastern Shawnee Tribe of Oklahoma - 70500 East 128 Road - Wyandotte, OK - celltower@estoo.net - 918-666-2435 (ext: 1861) - regular mail

Details: DO NOT EMAIL DOCUMENTATION; it will be deleted without being opened.

Submit one printed color copy by US postal mail or other parcel carrier of all documentation to:

Eastern Shawnee Tribe
Attn: CellTower Program
70500 E. 128 Rd.
Wyandotte, OK 74370

Provide a 1-page cover letter with the following information:

- a. TCNS Number
- b. Company Name
- c. Project Name, City, County, State
- d. Project type
- e. Project coordinates
- f. Contact information

The Eastern Shawnee Procedures document is available and highly recommended for guidance; send an email to celltower@estoo.net requesting our most current copy.

9. THPO - Sherri Clemons - Wyandotte Nation - 64700 E, Hwy 60 - Wyandotte, OK - sclemons@wyandotte-nation.org - 918-678-6344 - electronic mail

Details: Please refrain from sending information via mail. We ONLY accept information via email to: sclemons@wyandotte-nation.org. We will advise if we require additional information.

10. THPO - Tonya Tipton - Shawnee Tribe - 29 South 69A Highway - Miami, OK - tcns@shawnee-tribe.com - 918-542-2441 (ext: 103) - electronic mail

Details: In the case of projects with NO ground disturbance such as antennae on the sides of buildings or existing poles, the Shawnee Tribe concurs that no known historic properties will be negatively impacted by the project. The Shawnee Tribe DOES NOT wish to consult on those projects with NO ground disturbance.

If the project DOES involve ground disturbance at all, the Shawnee Tribe would like to ACCEPT your invitation for consultation and will provide a review.

If you have any questions, you may contact the Shawnee Tribe via email at TCNS@shawnee-tribe.com

Thank you for the opportunity to comment.

11. THPO - Jonathan Windy Boy - Chippewa Cree Tribe of the Rocky Boy's Reservation - 96 Clinic Rd North - Box Elder, MT - Taivonjoi17@gmail.com; precisionarchaeology@gmail.com - 406-395-5215 - electronic mail and regular mail

Details: The Chippewa Cree Tribe of the Rocky Boy's Reservation no longer uses IResponse. Please email all review material to taivonjoi17@gmail.com and rep32jwb@gmail.com and mail the packet to 96 Clinic Rd. North, Box Elder Montana 59521. If the qualified and professional reviewers determine that additional information is required, or that field work is required, they will contact you through email and through TCNS. If the Tribe determines that the proposed project will have an effect on historic properties and/or Tribal religious and cultural sites or properties, we will provide notice to the project proponent and to the FCC.

12. THPO - Sarah Thompson - Lac du Flambeau Band of Lake Superior Chippewa Indians - Tribal Historic Preservation Office (PO Box: 67) - Lac du Flambeau, WI - ldfthpo@ldftribe.com - 715-588-2139 - electronic mail
Details: Effective Immediately:

Please send all submissions through email until further notice. Effective 3/23/2020

Please email all submissions to ldfthpo@ldftribe.com

Thank you

13. Deputy THPO, Archaeologist - Susan Bachor - Delaware Tribe of Indians - 126 University Circle Stroud Hall, Rm. 437 - East Stroudsburg, PA - sbachor@delawaretribe.org; lheady@delawaretribe.org - 610-761-7452 - electronic mail
Details: The Delaware Tribe of Indians areas of interest include our aboriginal territories (circa 1600), known locations of historic Delaware settlements, routes of removal and forced migration, and all lands of Delaware aboriginal title ceded by treaty to the United States. If you are receiving this notification, then your project falls within these areas of interest and we ask that you provide us with a cover letter describing the project and its location (including the project coordinates) as well as a topographic map showing the project location. If an archaeological survey has already been performed in preparation for the project, please send a copy of that as well. Additionally, we may request a biological assessment of culturally significant treaty resources which may be affected by the proposed undertaking.

We are only interested in consulting on projects that involve ground disturbance that is planned to take place in both undisturbed and previously disturbed contexts. We are not interested in consulting on collocations or projects that involve no ground disturbance. If your project does involve ground disturbance or you do not receive a response from us within 30 days of submitting the above project information, then we have no comments on the project. However, if any archaeological resources or human remains are disturbed at any point in the project planning or construction, we ask that the project be halted until we can be notified of the inadvertent discovery and can determine the most appropriate course of action. If your company would like a formal written response from the Delaware Tribe concerning the potential impact of your project to culturally and religiously significant sites, please contact Susan Bachor at sbachor@delawaretribe.org to request such a response.

In order to better facilitate consultation throughout our areas of interest we have three regional tribal historic preservation offices. While our Tribal Headquarters remains in Oklahoma, our Eastern Office in Pennsylvania is the point of contact for all consultation within our Eastern Region which includes the states of Massachusetts, Connecticut, New York, New Jersey, Pennsylvania, Delaware, Maryland and Virginia. If your project exists in any of these states, please contact Susan Bachor with the above project information at the following e-mail address. All offices prefer digital submissions and the project information can be submitted by e-mail.

Susan Bachor, Acting Director of Historic Preservation
Eastern Office
126 University Circle
Stroud Hall, Rm. 437
East Stroudsburg PA 18301
(610) 761-7452
sbachor@delawaretribe.org

Our Midwestern office is the point of contact for all consultation within our Midwestern region which includes the states of West Virginia, Ohio, Indiana, Michigan and Illinois. If your project exists in any of these states, please contact Larry Heady with the above project information at the following e-mail address. Our Midwestern office prefers to receive digital submissions and the project information can be submitted by e-mail.

Larry Heady, THPO
Midwestern Office
125 Dorry Lane, Grants Pass, OR 97527
lheady@delawaretribe.org
(262) 825-7586

We, at the Delaware Tribe Historic Preservation Office, along with our Chief and Tribal Council remain committed to protecting the cultural and physical integrity of our historic sites, traditional cultural properties, sacred sites, objects of cultural patrimony, and most importantly, the remains of our Ancestors. We look forward to working with you on our shared interests in preserving and protecting Delaware heritage within our areas of interest.

The information you provided was also forwarded to the additional Tribes and NHOs listed below. These Tribes and NHOs have NOT set their geographic preferences on TCNS, and therefore they are currently receiving tower notifications for the entire United States.

The information you provided was also forwarded to the following SHPOs in the state in which you propose to construct and neighboring states. The information was provided to these SHPOs as a courtesy for their information and planning.

14. - Amanda Terrell - Ohio History Connection - 800 E. 17th Avenue - Columbus, OH - aterrell@ohiohistory.org - 614-298-2000 - electronic mail

15. Historic Preservation Supervisor - Barbara Frederick - Pennsylvania State Historic Preservation Office - Pennsylvania Historical & Museum Commission 400 North St, 2nd Floor - Harrisburg, PA - bafrederic@pa.gov - 717-772-4519 - electronic mail

16. Deputy SHPO - Susan Pierce - West Virginia Division of Culture & History, Historic Preservation Office - 1901 Kanawha Boulevard East - Charleston, WV - susan.pierce@wvculture.org - - electronic mail

17. SHPO - Barbara Franco - Pennsylvania Historical and Museum Commission - 300 North Street - Harrisburg, PA - bcutler@state.pa.us - 717-787-2891 - electronic mail

TCNS automatically forwards all notifications to all Tribal Nations and SHPOs that have an expressed interest in the geographic area of a proposal. A particular Tribal Nation or SHPO may also set forth policies or procedures within its details box that exclude from review certain facilities (for example, a statement that it does not review collocations with no ground disturbance or that indicates that no response within 30 days indicates no interest in participating in pre-construction review).

Please be advised that the NTIA cannot guarantee that the contact(s) listed above opened and reviewed an electronic or regular mail notification. The following information relating to the proposed project was forwarded to the person(s) listed above.

Notification Received: 08/10/2023

Notification ID: 270470

Project Number: 53

Applicant: Upward Broadband

Applicant Contact: Kathy Eisele

Project Type(s): Multiple Project Components

Region(s) affected (State, County): PENNSYLVANIA, FULTON PENNSYLVANIA, HUNTINGDON

Address or Geographical Location Description: Project Name: NTIA / Upward Broadband Section 4
New Tower Construction (3 sites) and Existing Tower Collocation (1 site) in Fulton and Huntingdon Counties, Pennsylvania
See attached project description and maps for details.

If you have any questions or comments regarding the content of this notice, please contact NTIA at: TCNS@ntia.gov.



844 N. Lenola Road, Suite 1
Moorestown, NJ 08057
P (856) 813-3267
F (856) 813-3279
Terracon.com

August 21, 2023

Taylor Township
PO Box 627
Hustontown, Pennsylvania 17229
ATTN: Monica Mellott, Secretary
Phone 814-685-3806 / Email: monicamellott@yahoo.com

RE: Invitation to Comment as a Consulting Party on a Proposed Telecommunications Tower

Site Name:	Waterfall
Terracon Project Number:	J8237072
Address:	3543 Blacks Mountain Road
City, County, State:	Taylor Twp (Waterfall), Fulton County, Pennsylvania 16689
Latitude / Longitude:	40° 7' 37.02" N / 78° 4' 46.45" W
Proposed Lease Area:	11,250 square feet
Proposed Tower Height:	199 feet, including attachments
Tower Type:	Self-support

To Whom it May Concern:

In accordance with Section 106 of the National Historic Preservation Act (Section 106), the above-referenced proposed broadband deployment project is being evaluated for its potential effects to tribal resources, archaeological sites, or historic resources. If approved, funding for the above-referenced broadband deployment projects will be, in part, provided through a grant from the U.S. Department of Commerce, National Telecommunications & Information Administration (NTIA). As such, the proposed project is a federal undertaking subject to consultation under Section 106.

Terracon is writing to invite your comment on the effect of the above-referenced project on historic resources within the project's Area of Potential Effects (APE).

Field assessment for both historic properties and archaeological sites will be conducted, and a determination will be made of the project's direct and indirect effects on eligible properties. Consulting parties are invited to provide information concerning historic or archaeological properties already listed in the National Register or that could be eligible for listing in the National Register. We welcome your comments regarding the effect of the tower on historic resources that may be listed in or eligible for the National Register of Historic Places.

If you would like to comment, please respond to this letter within 30 days of its receipt. Thank you for your response on this matter. If you have any questions, please do not hesitate to call. If you wish to respond by email, I may be reached at kathy.eisele@terracon.com and (856) 813-3267.

Sincerely,
Terracon Consultants, Inc.

Kathryn A. Eisele
Sr. Project Manager

Attachment: Project Location Map with APE

Explore with us



844 N. Lenola Road, Suite 1
Moorestown, NJ 08057
P (856) 813-3267
F (856) 813-3279
Terracon.com

August 21, 2023

Fulton County Historical Society
PO Box 115
McConnellsburg, Pennsylvania 17233
Phone 717-485-3172 / Email: director@fultonhistory.org

RE: Invitation to Comment as a Consulting Party on a Proposed Telecommunications Tower

Site Name:	Waterfall
Terracon Project Number:	J8237072
Address:	3543 Blacks Mountain Road
City, County, State:	Taylor Twp (Waterfall), Fulton County, Pennsylvania 16689
Latitude / Longitude:	40° 7' 37.02" N / 78° 4' 46.45" W
Proposed Lease Area:	11,250 square feet
Proposed Tower Height:	199 feet, including attachments
Tower Type:	Self-support

To Whom it May Concern:

In accordance with Section 106 of the National Historic Preservation Act (Section 106), the above-referenced proposed broadband deployment project is being evaluated for its potential effects to tribal resources, archaeological sites, or historic resources. If approved, funding for the above-referenced broadband deployment projects will be, in part, provided through a grant from the U.S. Department of Commerce, National Telecommunications & Information Administration (NTIA). As such, the proposed project is a federal undertaking subject to consultation under Section 106.

Terracon is writing to invite your comment on the effect of the above-referenced project on historic resources within the project's Area of Potential Effects (APE).

Field assessment for both historic properties and archaeological sites will be conducted, and a determination will be made of the project's direct and indirect effects on eligible properties. Consulting parties are invited to provide information concerning historic or archaeological properties already listed in the National Register or that could be eligible for listing in the National Register. We welcome your comments regarding the effect of the tower on historic resources that may be listed in or eligible for the National Register of Historic Places.

If you would like to comment, please respond to this letter within 30 days of its receipt. Thank you for your response on this matter. If you have any questions, please do not hesitate to call. If you wish to respond by email, I may be reached at kathy.eisele@terracon.com and (856) 813-3267.

Sincerely,
Terracon Consultants, Inc.

Kathryn A. Eisele
Sr. Project Manager

Attachment: Project Location Map with APE

Explore with us

Legal Notices

PUBLIC HEARING NOTICE

The Fulton County Commissioners will hold three public hearings on the planned use of 2023-24 Human Services Block Grant funds in Fulton County. The first hearing will be held on Wednesday, August 30, at 8:30 a.m. via Zoom. The second hearing will be held on Tuesday, September 12 at 9:30 a.m. at the Fulton County Commissioners Office. The third meeting will be held September 19 at 12:30 p.m. via Zoom. The third meeting will be held in conjunction with the Partner Meeting of the Fulton County Family Partnership.

Individuals who would like to participate in the virtual meetings on August 30th and September 19, can access the Zoom meeting with the Meeting ID and Passcode listed below at the designated date and time.

Meeting ID: 848 7915
8658 Passcode: H4C0cZ

The block grant consists of five funding streams and allows counties the flexibility to decide where the money is needed most. Those funding streams are: Mental Health Community Programs; Intellectual Disabili-

ties, Community Base; Homeless Assistance Program; Act 152 (Drug & Alcohol) Behavioral Health Services Initiative and Human Services Development Fund.

Draft plan documents will be available at the public meetings and electronically upon request. Questions and comments, both written and/or oral, are invited and welcomed.

Also, if you are unable to attend either hearing or wish to make oral comments or questions, you may make special arrangements by calling Julia Dovey at 717-485-6767.

County of Fulton
Board of Commissioners
Stuart L. Ulsh, Chair
Randy H. Bunch
Paula J. Shives
8-17-5x

EXECUTOR'S NOTICE

Notice is hereby given that letters testamentary on the estate of James M. Kiefer, late of Bethel Township, Fulton County, Pa., have been granted to the undersigned, and she requests all persons having claims against said estate to make known the same to Jacalyn K. Malaguerra, 1154 Black Oak Road, Warfords-

burg, PA 17267, or her attorney, and all persons indebted to said decedent to make payment to her without delay.

Jacalyn K. Malaguerra, Executor
Elizabeth A. Clark, Esquire
Dick, Stein, Schemel, Wine & Frey, LLP
216 North Second Street, Suite 5
McConnellsburg, Pa. 17233
8-17-3x

PUBLIC NOTICE

PUBLIC NOTICE: Ambassador Towers LLC is proposing to build a 199-ft Self-Support Telecommunications Tower located near 3543 Blacks Mountain Rd, Taylor Twp (Waterfall), Fulton Co., PA, 16689 (40° 7' 37.02" N/78° 4' 46.45" W). Public comments regarding potential effects from this site on historic properties may be submitted within 30-days from the date of this publication to: K. Eisele, Terracon, 844 N. Lenola Rd, Ste 1, Moorestown, NJ 08057, 856-813-8267, or Kathy.eisele@terracon.com.

PUBLIC NOTICE: Ambassador Towers LLC is proposing to build a 270-ft Self-Support Telecommunications Tower located near Flickerville Rd, Brush Creek Twp, Fulton Co., PA, 17257 (39° 51' 9.9" N / 78° 13' 4.51" W). Public comments regarding potential effects from this site on historic properties may be submitted within 30-days from the date of this publication to: K. Eisele, Terracon, 844 N. Lenola Rd, Ste 1, Moorestown, NJ 08057, 856-813-8267, or Kathy.eisele@terracon.com.

PUBLIC NOTICE: Ambassador Towers LLC is proposing to collocate antennas on an existing 405-ft guyed Telecommunications Tower located near 9290 Waterfall Rd, Dublin Twp (Hustontown), Fulton Co., PA, 17229 (40° 2' 29" N/ 8° 0' 2.16" W). Public comments regarding potential effects from this site on historic properties may be submitted within 30-days from the date of this publication to: K. Eisele, Terracon, 844 N. Lenola Rd, Ste 1, Moorestown, NJ 08057, 856-813-8267, or Kathy.eisele@terracon.com.

PUBLIC NOTICE: Am-

bassador Towers LLC is proposing to build a 199-ft Self-Support Telecommunications Tower located 4,700 ft NW of 1019 Licking Creek Rd, Warren Twp, Fulton Co., PA, 17212 (39° 45' 5.03" N, 78° 4' 1.81" W). Public comments regarding potential effects from this site on historic properties may be submitted within 30-days from the date of this publication to: K. Eisele, Terracon, 844 N. Lenola Rd, Ste 1, Moorestown, NJ 08057, 856-813-8267, or Kathy.eisele@terracon.com.

PUBLIC NOTICE: Ambassador Towers LLC is proposing to build a 199-ft Self-Support Telecommunications Tower located on Bark Rd (5,500 ft NE of Rock Oak Dr), Brush Creek Twp, Fulton Co., PA, 17228 (39° 59'48.22" N/8° 8' 5.78" W). Public comments regarding potential effects from this site on historic properties may be submitted within 30-days from the date of this publication to: K. Eisele, Terracon, 844 N. Lenola Rd, Ste 1, Moorestown, NJ 08057, 856-813-8267, or Kathy.eisele@terracon.com.

PUBLIC NOTICE: Ambassador Towers LLC is proposing to build a 199-ft Self-Support Telecommunications Tower located on Great Cove Rd (1,700 ft. NE of Breezy Point Rd), Todd Twp (McConnellsburg), Fulton Co., PA, 17233 (40° 0' 59.14" N/77° 57' 48.92" W). Public comments regarding potential effects from this site on historic properties may be submitted within 30-days from the date of this publication to: K. Eisele, Terracon, 844 N. Lenola Rd, Ste 1, Moorestown, NJ 08057, 856-813-8267, or Kathy.eisele@terracon.com.

8-31-1x

EXECUTOR'S NOTICE

Notice is hereby given that letters testamentary on the estate of Rodney Victor Wolfe Sr., a/k/a Rodney V. Wolfe Sr., late of Thompson Township, Fulton County, Pa., have been granted to the undersigned, and he requests all persons having claims against said estate to make known the same to Michael Lynn Wolfe Sr., 4423 Timber Ridge Road, Need-

more, PA 17238, or his attorney, and all persons indebted to said decedent to make payment to him without delay.

Michael Lynn Wolfe Sr.
Executor
Elizabeth A. Clark, Esquire
Dick, Stein, Schemel, Wine & Frey, LLP
216 North Second Street, Suite 5
McConnellsburg, PA 17233
8-31-3x

EXECUTORS' NOTICE

Notice is hereby given that letters testamentary on the estate of Jane E. Kies, late of Todd Township, Fulton County, Pa., have been granted to the undersigned, and they request all persons having claims against said estate to make known the same to William P. Kies II, 2711 South Madden Road, Hustontown, PA 17229, and Robert A. Kies, 2604 Back Run Road, McConnellsburg, PA 17233, or their attorney, and all persons indebted to said decedent to make payment to them without delay.

William P. Kies II, Executor
Robert A. Kies, Executor
J. Edgar Wine, Esquire
Dick, Stein, Schemel, Wine & Frey, LLP
216 North Second Street, Suite 5
McConnellsburg, PA 17233
8-31-3x

NOTICE

Notice is hereby given that letters testamentary in the estate of David J. Yanko, late of the Borough of Ambridge, Fulton County, Pa., who died on May 13, 2021, have been granted to Jackie L. Yanko, executrix. All persons indebted to said estate are requested to make payment and those having claims or demands are requested to present the same without delay to David E. Schwager, Esquire 183 Market Street Suite 100 Kingston, PA 18704-5444

8-31-3x

NOTICE

Estate of Dennis J. Fraker, deceased, late of Dublin Twp., Fulton County, Pa. D.O.D. 5/21/23.

Letters testamentary on the above estate have been granted to the undersigned, who request all persons having claims or demands against the estate of the decedent to make known the same and all persons indebted to the decedent to make payment without delay to April Coudriet, executrix, c/o Laura M. Tobey, Esq., 229 W. Wayne Ave., Wayne, PA 19087, or to her atty.: Laura M. Tobey, Reidenbach & Assoc., 229 W. Wayne Ave., Wayne, PA 19087

8-31-3x

EXECUTOR'S NOTICE

Notice is hereby given that letters testamentary on the estate of Ann A. Sipes, of Licking Creek Township, Fulton County, Pa., have been granted to the undersigned, and he requests all persons having claims against said estate to make known the same to Tamela Mellott Heming, 125 Schultz Road, Warfordsburg, PA 17267, and all persons indebted to said decedent to make payment to her at the above address without delay.

Anthony W. Fetterhoff, Executor
Heming Law Office
Tamela Mellott Heming, Esquire
125 Schultz Road
Warfordsburg, PA 17267
8-31-3x

ADMINISTRATRIX'S NOTICE

Notice is hereby given that letters of administration on the estate of Daryl L. Poet, of Brush Creek Township, Fulton County, Pa., have been granted to the undersigned, and she requests all persons having claims against said estate to make known the same to Tamela Mellott Heming, 125 Schultz Road, Warfordsburg, PA 17267, and all persons indebted to said decedent to make payment to her at the above address without delay.

Mary Ann Poet
NKA Mary Ann Mills, Administratrix
Heming Law Office
Tamela Mellott Heming, Esquire
125 Schultz Road
Warfordsburg, PA 17267
8-31-3x

NOTICE

Notice is hereby given that letters of administration in the estate of Jerry William Mellott Sr., late of the Township of Belfast, Fulton County, Pa., who died November 28, 2017, have been granted to Sharon Mellott, administratrix. All persons indebted to said Estate are requested to make payment and those having claims or demands are requested to present the same without delay to:

David E. Schwager, Esquire
183 Market Street
Suite 100
Kingston, PA 18704-5444
8-31-3x

NOTICE

The Local Emergency Planning Committee and municipal coordinators will hold their quarterly meeting Monday, September 11, 2023, at 7 p.m., at the Fulton County EMA, EOC Room, 219 North Second Street, McConnellsburg, Pa.

8-31-2x

Craig Knepper AU-002595-L

PUBLIC SALE

WED., SEPT. 6, 2023 AT 4:30 P.M.

FRI., SEPT. 8, 2023 AT 4:30 P.M.

SAT., SEPT. 9, 2023 AT 8:30 A.M.

8765 Thompson Road, Needmore, PA 17238

Selling Wednesday Evening: 2 hutches, oak flower stand, crocks, crockery chicken waterer, wooden butter churn, wooden bowl, Dietz lanterns, kerosine lamps, electric lamps, camelback trunk, tin cream cans, milk strainer, aluminum scoops, kitchen items, pictures & frames, Rieck's buttermilk jar, green Ball canning jar, blue canning jars (qt & ½ gal.), medicine bottles, Theodore Miller bottle from Chambersburg, PA, glass baskets, pressed & patterned glass, crystal, Hull, Lefton china, green glassware, Germany & Bavaria pieces, Fire-King, Roseville bowl, flower planters & vases, 100's of artificial flowers, Electrolux vacuum, meat slicer, Squeeze strainer, birdbath, some local items, 5 gal. Quaker State can, items for IH Cub (sickle bar mower, snowplow, plow, side hill hitch), old Boy Scout uniforms, card table, miscellaneous flower stands, plus much more.

Selling Friday Evening: John Deere 185 riding mower, 4000 watt generator, wheelbarrow, reel mower, push mower, lawn cart, ladders, miscellaneous tools & hardware, shop-vac, battery charger, burn cage, log chains, car chains, railroad spikes, dehumidifier, vintage chairs, metal shelving, cabinets, recliners, upholstered chair, Eden Pure heater, Sun Cloud heater, Electrolux vacuum, air conditioners, microwave ovens, pots & pans, Tuperware, kitchen utensils, granite roasters & canners, canning jars, #13 canning jar, cleaning supplies, coolers, Hamilton Beach mixer, quilts, haps, crocks & jugs, Fiestaware, lanterns, galvanized tub, VisionWare, CorningWare, miscellaneous hardback books, new walker, flower stands, pots & planters, plus many more items too numerous to mention.

Selling Saturday: dining room table w/7 chairs, hutch, china cupboard, small hanging corner cupboard, corner dropleaf table, 2 Sullivan bookcase, marble top stand, Currier piano, loveseat, lift chair (like new), recliner, entertainment center, double bed, single bed, 2 chest deep freezers, 2 refrigerators, metal shelving & cabinets, GE washer, Maytag dryer, stools, end stands, flower stands, cream can, several crocks & jugs, Oster kitchen center, CorningWare, Pyrex, pots & pans, granite roasters, Eden Pure heater, Electrolux vacuum, GE microwave, Carnival glass, Rossi glass, ruby glass, Homer Laughlin (Virginia Rose), Watt pitcher, Strasburg ware, collector plates, knick-knacks, cameras, cigar boxes, floor & table lamps, metal filing cabinets, office supplies, plastic totes full of miscellaneous items, empty totes, pictures, Home Interior items, painting by Freda Gregory, rugs, bedding, jewelry, plus 100's of miscellaneous items.

Auctioneer's Note: This is a very large sale, selling many good items, so bring your chair and spend some good quality time with us selling lots of items. This will be the best glassware sale in a long time.

Terms: Cash or good check, ID required for bidder number.

Lunch stand reserved. Not responsible for accidents. For photos go to www.auctionzip.com

Owner: Gregory Family

Craig Knepper AU-002595-L

PUBLIC SALE

SAT., SEPT. 2 AT 9 A.M.

2847 South Madden Road, Hustontown, PA 17229

Tractors & Combines: John Deere 4240 4x4, John Deere 4430 diesel w/265 loader (quad shift), John Deere 4040 diesel (power shift), John Deere 4010 diesel, Ford 3500 industrial tractor w/loader, Ford 4000 (gas), Ford 800, (2) Ford 8N, John Deere 6620 combine (burnt in fire), John Deere 3320 combine w/10 ft. grain head, New Holland 553 skid loader, John Deere 350 dozer

Tilling & Planting Items: (2) John Deere 5-bottom plows (16 in.), John Deere 3-bottom plows (14 in.), Ford 3-bottom plows (16 in.), (2) John Deere 215 transport discs, Athens 10 ft. disc, Brillion 12 ft. cultimulcher, 7-ft. cultivator, John Deere 11-tooth chisel plow (trailer), John Deere 4-row cultivator, John Deere 7240 6-row corn planter (w/monitor, liquid fertilizer), John Deere 8200 grain drill

Hay Equipment: John Deere 946 Mo-Co disc bine, John Deere 430 round baler, John Deere 24T square baler, Vermeer 3-pt. TR 90 (tedder/rake), Diller round bale wagon (tandem axle), New Holland dump wagon, (3) New Holland 56 hay rakes, Ford 501 sickle bar mower, New Holland 488 haybine, hay wagon, Bale King racks, John Deere 6½ ft. flail chopper, John Deere, 7½ ft. bush hog, International 5 ft. bush hog, bale spears

Corn Equipment: John Deere 3950 chopper, John Deere 343 heads (narrow & wide), John Deere 643 corn head, New Holland silage wagon, (3) gravity wagons, John Deere flail cutter (16 ft.), John Deere 100 corn stalk stacker

Miscellaneous Items: Meadows portable sawmill w/edger, New Holland 680 manure spreader, Little Auggie mixer wagon, John Deere 15-ft. grain head, N-Tech 3000 gal. manure tank, (3) International tandem axle manure trucks, large garage hoist & track, John Deere post driver, 3-pt. blade, dual wheels for John Deere, John Deere 265 loader, John Deere riding mowers, Little Giant elevator, galvanized water tank, round bale feeders, plastic tank, grain elevator (4 in.), Surge 2 in. pipe line, Surge 600 gal. milk tank, tractor chains, potato planter & grader, misc. gates, misc. butchering items, plus many more items too numerous to mention.

Auctioneer's Note: Many items need some TLC and some are ready for field use. All items sold to the highest bidder, no reserves. Loader available. Those "hard to find" parts may be here.

Terms: Cash or good check. ID required for bidder number.

Lunch stand reserved
Not responsible for accidents
For photos go to www.auctionzip.com
Owners: Ulsh Farms

HURLEY
REAL ESTATE & AUCTIONS

349± ACRE LAND AUCTION
SEPTEMBER 23, 2023 @ 2PM

AUGHWICK RD, BURNT CABINS, PA 17215
IN 7 TRACTS-COMBINATION(S) of TRACTS & WHOLE
SECLUDED PARADISE! Tracts range from 12± acres to 131± acres w/ mature timber, streams, food plots & **ABUNDANT** wildlife!
PREVIEWS Sept 7th 5-7PM & Sept 16th 10AM-12PM
Matthew Hurley AU003413L • Kaleb Hurley AU006233
HURLEYAUCTIONS.COM | 717.597.9100

HURLEY
REAL ESTATE & AUCTIONS

115± ACRE FARM AUCTION
SEPTEMBER 22, 2023 @ 1PM

3765 PIONEER DR | ST. THOMAS PA 17252
115±ACRE HIGH PRODUCING FARM
SELLING FOR STEVEN & TAMMY BISER
DAIRY FARM - NEARLY ALL TILLABLE- HIGH YIELDS
2-Story farmhouse & small limestone home.
FARM BUILDINGS: large bank barn, wagon sheds, equipment sheds, milk house & double-6 milking parlor ready to begin milking, free stall & heifer barns, 3 stave silos & more!
IN FARM PRESERVATION
PREVIEWS Sept 9th 10AM-12PM & Sept 14th 12-2PM
Matthew Hurley AU003413L • Kaleb Hurley AU006233
HURLEYAUCTIONS.COM | 717.597.9100

AREAS OF POTENTIAL EFFECTS

Site Name:	Waterfall
Terracon Project Number:	J8237072
Address:	3543 Blacks Mountain Road
City, County, State:	Taylor Twp (Waterfall), Fulton County, Pennsylvania 16689
Latitude / Longitude:	40° 7' 37.02" N / 78° 4' 46.45" W
Proposed Lease Area:	11,250 square feet
Proposed Tower Height:	199 feet, including attachments
Tower Type:	Self-support

A. Direct Effects

The direct APE was determined to be the approximate 11,250 square-foot tower compound and a proposed utility/access easement.

B. Visual Effects

The proposed tower will be approximately 199 feet in overall height. The APE for visual effects is therefore considered to be a 0.5-mile radius, per the 2004 Programmatic Agreement (Section VI.4.a), which defines the visual APE as a 0.5-mile radius for towers 200 feet or less in height (unless otherwise determined through consultation between the applicant and the local SHPO office).

Phase I Cultural Resources Survey

Site Name: Waterfall
Waterfall, Taylor Township
Fulton County, Pennsylvania 16689

September 26, 2023 | Project Number: J8237072

Prepared for:

Ambassador Towers LLC.
Paradise, Pennsylvania

Prepared by:

Suzanne Reece, MSc, RPA
Josh Duncan, BA
Terracon Consultants, Inc.
Blue Bell, Pennsylvania

Table of Contents

Executive Summary	ii
1.0 Introduction	1
2.0 Project Information	1
2.1 Project Area Description.....	1
2.2 Objectives and Research Design.....	2
3.0 Cultural Chronology and Ethnohistoric Context.....	2
4.0 Records Search and Background Research Results	9
5.0 Fieldwork	10
6.0 Summary and Recommendations	10
7.0 References	12
Appendix A Site Plan and Maps	
Appendix B Project Area Photographs	

Executive Summary

Ambassador Towers LLC. proposes to construct a new communications tower and support facility near Waterfall, Pennsylvania. The project includes the construction of a self-supported tower, an equipment compound, installation of utility lines to connect to existing services, and improvements to an existing access road. After completion of construction, the tower will be operated under Upward Broadband LLC., who has hired Terracon to assist with the permitting process associated with the project. This tower and associated support equipment are proposed with the following specifications:

Site Name:	Waterfall
Terracon Project Number:	J8237072
Address:	3543 Blacks Mountain Road
City, County, State:	Taylor Twp (Waterfall), Fulton County, Pennsylvania 16689
Latitude / Longitude:	40° 7' 37.02" N / 78° 4' 46.45" W
Proposed Lease Area:	11,250 square feet
Proposed Tower Height:	199 feet, including attachments
Tower Type:	Self-support

The lead federal agency for the proposed project is the National Telecommunications and Information Administration (NTIA), who is providing grant funding to assist with the construction of the communications tower. The NTIA defers to the Federal Communications Commission's (FCC) 2004 Nationwide Programmatic Agreement (NPA) for guidance and compliance with Section 106 of the National Historic Preservation Act of 1966, as amended. As such, the project proponent must consider the effects of the proposed undertaking on historic properties in compliance with the standards of the NPA. Secretary of Interior qualified Archaeologist Suzanne Reece, MSc, RPA, (Principal Investigator) inventoried historic properties within the area of potential effect (APE) with Staff Archaeologist Josh Duncan. The aim of this investigation was to determine if historic properties are located within the APE for direct or visual effects, and to determine if the proposed communications tower installation would have an adverse effect on cultural resources listed in, or eligible for listing in, the National Register of Historic Places (NRHP). The records search and field investigation were conducted in accordance with federal standards and the Pennsylvania State Historic Preservation Office's Guidelines for Archaeological Investigations in Pennsylvania (PA SHPO 2021). Based on the records search and field investigation, Terracon recommends a finding of *no historic properties* for the direct APE. No recorded historic properties are currently mapped within the 0.5-mile search radius. As such, Terracon recommends a finding of *no historic properties* for the APE of visual effects.

1.0 Introduction

Ambassador Towers LLC. is proposing to install a self-supporting communications tower with attached antenna array and lighting rod near Waterfall, Taylor Township, Fulton County, Pennsylvania. The proposed overall height will be 199-feet, with appurtenances. The proposed project area is located on property to the north of Summit Road which currently contains a television broadcast installation. The APE for direct effects consists of the proposed project area including the location of the tower and equipment compound, as well as the utility and access corridor. The APE for visual effects consists of a one-half-mile radius of the APE, as directed by the FCC Nationwide Programmatic Agreement (2004).

2.0 Project Information

2.1 Project Area Description

The project area consists of an approximately 150 by 150-foot tower compound, a utility corridor running to the southwest of the compound, and an access corridor extending south from the proposed tower compound to Summit Road. The access corridor follows an existing access corridor. The area had been previously cleared and currently contains an out-of-use television antenna and associated equipment and shelter. The existing structures will be removed as part of the proposed project. The project area can be seen on an aerial photograph and a United States Geological Survey (USGS) topographic map in Appendix A, Exhibits 1 and 2. Overview photographs of the proposed project area can be seen in Appendix B, Figures 1 through 9.

The Natural Resource Conservation Service's (NRCS) Web Soil Survey (2023) records two soils within the project area. These soils are summarized below in Table 1.

Table 1. Soils Within the Project Area.

Soil Name	Approx. Percentage of Project Area	Associated Landscape	Hydric Soil Rating
Hazelton-Dekalb complex, 8 to 10 percent slopes, extremely stony (HRD)	52	Mountain Slopes	No
Hazelton-Dekalb complex, 25 to 75 percent slopes, extremely stony (HRF)	48	Mountains Slopes	No

The project area is located within the Appalachian Mountain Section of the Ridge and Valley physiographic province (PADCNR 2023). This region is bordered on the southeast by the base of the southeast slope of Blue Mountain. To the west and northwest, it is bordered by the center of the valley bottom west of the westernmost linear ridge. The rest of this section has arbitrary borders based on slope change of eastern ridges (PADCNR 2023). The Appalachian Mountain Section of the Ridge and Valley physiographic province is characterized by long narrow ridges and broad to narrow valleys, with some karst (PADCNR 2023). Local relief is considered moderate to very high, and drainage patterns consist of trellis, angulate, and some karst drainage (PADCNR 2023). The geologic structure of this section of the province consists of open and closed plunging folds having narrow hinges and planar limbs, including a variety of faults (PADCNR 2023). Underlying rock types are sandstone, siltstone, shale, conglomerate, limestone, and dolomite. The origins of this section arose from fluvial erosion, solution of carbonate rocks, and periglacial mass wasting (PADCNR 2023).

At the time of the Phase I survey, ground surface visibility ranged from 0 to 90 percent, with an average visibility of 40 percent. At the time of the survey, rocks, decaying leaves, and other vegetation covered much of the proposed project area. Vegetation within the project area primarily consisted of ferns, and woodland undergrowth. The closest, named body of water to the project area is Sideling Hill Creek, which is located approximately 0.45-miles to the north of the proposed project area.

2.2 Objectives and Research Design

There were two main objectives of the Phase I Survey: determine if archaeological sites or historic-age structures are present within the proposed project area and determine if historic properties within the APE for visual effects would be adversely impacted by the proposed project. The background research for the project first involved investigating land use history, examination of historical maps and aerial photographs, and consultation of the PA-SHARE database for information on previously archaeological sites and historic-age resources. Next, a pedestrian survey was conducted to examine the project area, and a series of shovel tests were excavated. The collected information was reviewed, and a recommendation of effects is presented in this document.

3.0 Cultural Chronology and Ethnohistoric Context

Pre-Contact Period

This discussion employs a traditional cultural historical chronological sequence, though period distinctions and boundaries are often difficult to draw across broad geographical areas, given the incomplete and imprecise nature of the archaeological data. The summary

information presented is provided as context for the interpretation of any identified pre-contact cultural resources within the archaeological APE and is not meant to be a complete and detailed history.

Paleoindian Period (13,950 to 9,950 Years B.P.)

The Paleoindian period encompassed the terminal Pleistocene, a cold, windy, and dry period of the declining Late Wisconsinan glaciation (Watts 1979). The southernmost advance of this glaciation did not reach Lehigh County (Sevon et al. 1999: 14). Fluted lanceolate projectile points are the primary early Paleoindian diagnostic artifacts. Available blood residue analysis suggests that these projectile points were used on a wide variety of large and small species that were available during the last stages of the Pleistocene, including mammoth, bison, sheep, caribou, musk ox, and even rabbits (Brush and Smith 1994; Loy and Dixon 1998). At Dutchess Quarry Cave No. 1 in Orange County, New York, caribou bones, teeth, and antler fragments were recovered. Broken caribou limb bones, possibly indicative of marrow extraction, occurred within the same stratum as a fluted Cumberland-like point (Funk and Steadman 1994; Funk et al. 1969).

Some of the primary evidence for Paleoindian occupation of Pennsylvania comes from the Meadowcroft Rockshelter (36WH297), the Shoop site (36DA20), and the Shawnee Minisink site (36MR43). Meadowcroft Rock Shelter, located in Washington County in southwestern Pennsylvania, saw repeated but sporadic and ephemeral utilization, possibly as early as 17,650 B.C., but more securely by 14,225 B.C. to 10,850 B.C. (Adovasio and Carlisle 1986). A small unfluted lanceolate blade (Miller Lanceolate) is attributed to a Paleoindian occupation dating between 10,850±870 B.C. and 9,350±700 B.C. at Meadowcroft Rock Shelter (Adovasio et al. 1988).

The Shoop site (36DA20), located in Dauphin County in central Pennsylvania, consists of a series of lithic concentrations situated on a plateau bordered by an upper branch and tributaries of Armstrong Creek (Witthoft 1952). This site produced numerous fluted projectile points and fragments together with an extensive associated collection of cores, flaked stone implements, and debitage. Reassessments of the data from the Shoop site (36DA20) have been offered by Carr (1989) and Cox (1986). Stone tools from the Shoop site (36DA20) retained blood residue attributed to the Family Cervidae, which includes deer, elk, moose, and caribou (Hyland et al. 1990).

The Shawnee Minisink site (36MR43) is located along the Delaware River just above the Delaware Water Gap in Monroe County, Pennsylvania. The Paleoindian component at the Shawnee Minisink site (36MR43) has been dated to 8,700 B.C. (or approximately 10,650 B.P.), and produced a single fluted projectile point, along with numerous other flaked stone tools and hammerstones (McNett 1985). Features associated with the Paleoindian component include hearths and concentrations of flaking debris (McNett 1985). Resource procurement and processing strategies associated with this component are fishing; the

hunting of small animals, deer, and caribou; and the collection of floral resources, including copperleaf, pigweed, blackberry, buckbean, goosefoot, hackberry, hawthorn plum, and wintercress (Dent and Kauffman 1985). More recent excavations at Shawnee-Minisink have produced a date of approximately 11,000 B.P. for the Paleoindian components (Gingerich 2007).

Archaic Period (9,950 to 3,800 Years B.P.)

Gradual climatic warming that occurred after the close of the Pleistocene gave rise to dense deciduous forests, which supported more numerous and varied species of flora and fauna. The Archaic period has traditionally been divided into Early, Middle, Late, and Terminal (or Transitional) periods, largely based upon hypothesized projectile point sequences, which have not been supported on well-dated, stratified sites.

Archaic peoples probably lived in small, highly mobile bands. Evidence gathered from various locations suggests the existence of broad-based economies centered on large and small game, birds, and fish, with the seasonal collection of nuts, berries, seeds, and greens (Asch and Asch 1985; Chapman 1975; Chapman and Watson 1993; Hughes et al. 1992; Meltzer and Smith 1986; Michels and Smith 1967). Although local and regional subsistence data remain sparse, evidence from the Susquehanna watershed supports the emergence of squash cultivation toward the end of the Archaic period (Hart and Asch-Sidell 1997).

While the Early Archaic period is associated with a technological and stylistic shift to projectiles and knives fitted with a variety of notched and stemmed blade forms, the remainder of the flaked stone tool assemblage had changed little. The Middle Archaic period in Pennsylvania is mainly defined by the presence of particular projectile point types including MacCorkle, St. Albans, LeCroy, Neville, Kanawha, Stanly, or Otter Creek types (Carr 1998: 80). While bifurcate point forms seem to be clearly associated with a limited temporal span, other forms have been shown to persist into later periods. Custer (1996: Table 7) dates the Middle Archaic period, which corresponds to his "Hunter-Gatherer II Cultural Period," from 6,500 to 3,000 B.C. Raber (1985: 33-36) also uses the 6,500 to 3,000 B.C. interval for the Middle Archaic in A Comprehensive State Plan for the Conservation of Archaeological Resources. While Cowin (1982, 1991) and George (1971, 1985), like Chapman (1975, 1985), assign most bifurcate point styles to the Early Archaic period, Carr (1998), Custer (1996), Gardner (1989), and Stewart and Cavallo (1991) include the bifurcates within the early Middle Archaic period. The CRGIS database also assigns bifurcate-producing sites to the Middle Archaic period (PHMC 2014).

Few Middle Archaic component archaeological sites have been excavated in Pennsylvania (Carr 1998: 80). Three sites with Middle Archaic components, including the Meadowcroft Rock Shelter, Sheep Rock Shelter, and Shawnee-Minisink, have been the most informative, with others, such as the State Road Ripple Site (Cowin 1991), Conrail site (Griffiths-Connelly 1995), Central Builders site (Baker 1993), Sandts Eddy Site (Bergman et al.

1994), and West Water Street Site (Custer et al. 1993), being less so. Evidence, including the environmental reconstruction of the Early Holocene and site densities, suggests that population growth in Pennsylvania was slow throughout the Early Archaic, but increased significantly during the Middle Archaic (Carr 1998:87). In addition to the growth in population, there appears to be a greater variety of lithic raw material types being used by Middle Archaic populations. These materials are often found in cobble form indicating use of local sources. The use of upland landforms for basecamp settlements also increased (Carr 1998:88).

The early Laurentian or “Proto-Laurentian” Tradition represents the oldest Late Archaic period assemblage defined in the Upper Susquehanna Valley in New York State (Funk 1993; Funk and Rippeteau 1977), where surface finds of Otter Creek and similar large side-notched projectile points are moderately common. Turnbaugh (1977) reports surface finds of Otter Creek projectile points in the West Branch Susquehanna River and Lycoming Creek valleys. At the East Bank site (36NB16), located on the West Branch Susquehanna River at the Interstate 80 crossing, Otter Creek-like projectile points occurred in four strata dating between ca. 6,900±40 and 3,620±60 years B.P. (East et al. 2002a). The various Brewerton projectile point forms (Ritchie 1961) are generally attributed to the Middle or Late Archaic periods in Pennsylvania, although similar forms may date to as late as the Middle Woodland period (East et al. 2002b). Surveys of upland areas in the Ridge and Valley physiographic province have revealed that Late Archaic sites are located in a variety of settings, including areas near springs, on benches, and on hillsides (Graetzer 1986; Hatch 1979; Miller 1993). Both base camps and special purpose sites are represented in the Late Archaic settlement pattern (Raber et al. 1998:126).

Woodland and Late Pre-Contact Periods (3,800 to 350 Years B.P.)

The emerging temporal overlap of broadspears, fishtails, Meadowood projectile points, ceramics, and steatite vessels suggests that the separate Terminal Archaic (or Transitional) period should be eliminated and merged with the Early Woodland period. Although the Woodland period is thought to have been marked by progressively greater reliance on native seed crops (chenopod, maygrass, sumpweed), little barley, and sunflower, as well as cultivated tropical plants, the evidence for this progression in Pennsylvania has not been forthcoming. All indications are that the hunting and gathering lifeways of the Archaic period largely continued well into the Woodland period. Maize was not in widespread use until ca. AD 850, while beans did not arrive until ca. AD 1250-1300. Large, nucleated and fortified settlements were probably not prominent fixtures on the landscape until ca. AD 1250 or later.

The hallmark of the Early and Middle Woodland periods would be the intensive trade in semi-finished and finished items made of exotic stone, particularly steatite (bowls); rhyolite (broadspears and bifaces); jasper (broadspears, Jack’s Reef projectile points, and bifaces); argillite (broadspears, Fox Creek projectile points, and bifaces); and Onondaga chert

(Meadowood projectile points/bifaces and Jack's Reef projectile points). These particular projectile point types can be firmly identified as diagnostic of the period through consistent and corroborating radiocarbon dates. Although triangular projectile points are evidenced in earlier period occupations, after AD 1000, they are the only style seen in pre-contact period tool kits (Kinsey 1972: 441-443; Ritchie 1961: 31-33). The exclusive use of small triangular projectile points is linked to the introduction of the bow and arrow. There have been attempts to link certain styles of triangular projectile points with certain ethnic groups; however, the evidence is not conclusive (Custer 1996: 265). According to the CRGIS, the Early Woodland period within the project region has been predominantly distinguished by the presence of Meadowood, broadspear, Perkiomen, and Susquehanna projectile points (PHMC 2014).

The earliest eastern Pennsylvania Early Woodland complex, the Bushkill phase, was defined by Kinsey (1972) from components found within the Upper Delaware River Valley. Associated artifacts include Rossville and Lagoon projectile points, along with Broadhead Net-Marked and Vinette I ceramics. The Middle Woodland period in eastern Pennsylvania is associated with Jacks Reef and Fox Creek projectile points and plain and cord-marked ceramics. The people associated with these artifacts probably followed the typical Archaic pattern of seasonal hunting and gathering (Ritchie and Funk 1973: 121). Evidence of plant cultivation from the Early Woodland is inferred, although there is no direct evidence for domesticated plants in the region at this time (Stewart 2003: 7). Examples of eastern Pennsylvania sites with Early to Middle Woodland components are scarce, but include the Zimmerman (Werner 1972), Faucett (Kinsey 1975), and Three Mile Island (Custer 1996; Smith 1977). Evidence from these sites implies that these communities were semi-sedentary with cyclical use of some resources and a riverine-based hunting and fishing economy (Kinsey 1975; Stewart 2003: 7).

The Late Woodland Clemsons Island/Owasco period apparently featured a dispersed settlement pattern, with small hamlets on low terraces adjacent to major streams surrounded by smaller, temporary procurement and processing stations, some of which may have been situated in upland areas. Components that have not been thoroughly disrupted by plowing are often associated with buried A (Ab) horizons that may indicate a period of relative environmental and hydrologic stability (East et al. 1988; Vento 1988; Vento and Fitzgibbons 1987; Vento et al. 1990). The Clemson Island culture was primarily located within the Susquehanna River drainage. Clemson Island ceramics are characterized by crushed rock temper with cord-marked or fabric-impressed surface treatments and often a row of punctuates and/or raised nodes/bosses below the lip or on the upper rim (Maryland Archaeological Conservation Lab 2002). Evidence of Clemson Island populations from sites located on the islands and floodplains of the Middle Susquehanna and Juniata rivers indicates that these people built "small parallel-sided houses with rounded ends" (Kent 1980: 33).

The later Late Woodland division (ca. AD 1250 to AD 1600) encompasses the Minguannan, Overpeck, Pahaquarra, and Delaware/Lenape (Unami and Munsee/Minisink complexes). Evidence for the presence of the Minguannan complex in southeastern Pennsylvania comes primarily from the Minguannan Site (Wilkins 1978) and the Webb Site (Custer 1985; Custer and Griffith 1985), both of which are located in Chester County. The settlement pattern of this complex involves large, macro-band base camps in productive floodplain and stream settings (Custer 1989).

Contact Period (AD 1600–ca. 1750)

The Contact period dates from the first arrival of Europeans in eastern Pennsylvania until the removal of most of the Native Americans from the area ca. 1750 (Custer 1996). During the seventeenth and eighteenth centuries, Native American groups along the western frontier underwent rapid and dramatic changes in response to disease, the fur trade, and political strategizing of the French and English. From ca. AD 1550 to AD 1675, the Susquehannock were the dominant group in both the Susquehanna and Delaware River valleys (Custer 1996). The Susquehannock controlled the fur trade with the Europeans at this time.

The Iroquois League was a confederacy of Iroquoian-speaking tribes that occupied the area between the Mohawk and Genesee rivers in what is now southern New York State (Graymont 1988:13). The Iroquois expanded their hunting territory through negotiation or warfare with neighboring tribes. In 1675, the Iroquois defeated the Susquehannock (Waldman 1988; Wallace 1986) and claimed ownership of the entire Susquehanna Valley (Weslager 1996). By 1675, the Susquehannock had left eastern Pennsylvania (Custer 1996).

During the Contact period, the Lenni Lenape (or Delaware) inhabited agricultural villages in the Delaware River Valley and along tributaries to the Delaware River (Weslager 1996). They adopted a subsistence strategy based on planting, hunting, and fishing (Weslager 1996). According to the CRGIS database, no Contact period sites have been recorded in Lehigh County. The Maxatawny Path, which connected Lechauwekink (modern day Easton) with Manangy's Town (present day Reading), passed through the present location of Allentown.

Historic Period (ca. 1750+)

Fulton County is located in south central Pennsylvania, in the Ridge and Valley Appalachian Mountains of Pennsylvania, which run approximately north to south across the county. The land that became Fulton County was cut from Bedford County and was officially formed as a legal entity in 1851 (PHMC 2023). The county was named for Robert Fulton, the inventor of the steamboat, who was a longtime resident of Pennsylvania. The Fulton County seat, McConnellsburg, predates the formation of the county and was laid out in 1786 by Daniel

McConnell, and then incorporated as a borough in 1814 while still a part of Bedford County (PHMC 2023).

It is known from historical, oral, and archaeological data that, prior to settlement of the area that would become Fulton County by Euro-American settlers, the land was inhabited by Indigenous Native Americans. Though the land containing Fulton County was sold to the Colony of Pennsylvania by the Iroquoian Confederacy as part of the 1754 Albany Land Purchase, many Scots Irish settlers began moving into the area in the 1740s, leading to legal conflicts and violence involving the new settlers, native inhabitants, and colonial authorities who had made previous agreements with the native inhabitants that guaranteed their continual rights to the land (PHMC 2023; Greathead 1936). Prior to the Albany Land Purchase, the colonial government of Pennsylvania attempted to remove the early Euro-American settlers who had illegally settled the area, and many of their homes were burned by authorities after they did not heed initial warnings to vacate the area (Greathead 1936). Tensions between Natives and Euro-American settlers continued after the Albany Land Purchase as well, and in 1755 a group of 100 Shawnee and Delawares marched into the Great Cove settlement (in future Fulton County) and killed many of the settlers living there, in an attack that became known as “the Massacre in the Great Cove” (Greathead 1936). Conflicts such as this led to the creation of a series of forts across the Pennsylvania frontier in the 1750s, for the protection of colonial settlers, and which led the area to play a significant role in the overarching Indian Wars that was taking place along the colonial frontier (Greathead 1936).

The Forbes Road that led into the area that would become Fulton County brought economic prosperity to early colonial settlements in the area, known as the Great and Little Coves. Tanneries and Grist Mills were staple industries in the area during the late 18th and early 19th centuries (PHMC 2023). Following this initial period of economic success, Fulton County experienced a period of isolation and economic decline during the later 19th and early 20th centuries, as the railroads and canals that were being built up across the region did not pass through the county. Fulton County did not connect with the U.S.’s expanding infrastructure until the appearance of the Pennsylvania Turnpike in the region in 1940 (PHMC 2023). However, despite Fulton County’s isolation during this time, the vast areas of wooded land in the region provided the resources to support a strong timber industry that lasted into the 1930s (PHMC 2023). Agriculture also provided necessary resources in the region, both historically and in modern times, and currently, much of Fulton County is comprised of state forests, parks, and game lands, with some manufacturing industry providing employment to local inhabitants (PHMC 2023).

Taylor Township is located in the Lewistown Valley in the northern end of Fulton County, Pennsylvania. It was officially formed as a legal entity in 1849, as a township of Bedford County, and became a part of Fulton County upon its formation in 1851 (Waterman et al. 1884). It was named for President Zachary Taylor, the twelfth President of the United States, who was in office from 1849 until his death in 1850 (Waterman et al. 1884).

Thomas Huston, for whom the nearby Hustontown is named, settled in the future Taylor Township in 1821 and 19th century records indicate that there was a small but stable population of settlers in the area prior to the Township's legal formation (Waterman et al. 1884). Few records exist concerning the earliest days of Taylor Township in Fulton County, but tax records from 1850 indicate that agriculture was a dominant part of the local economy in the mid-19th century (PHMC: Pennsylvania Agricultural History Project 2023). Other contributing factors to the 19th century economy of Taylor Township which are mentioned in available records include mercantile businesses, a distillery, a tannery, and a store that opened in 1854 (Waterman et al. 1884). There was also a schoolhouse, multiple churches, as well as a Postmaster and deputy revenue collector in the mid-19th century (Waterman et al. 1884). Due to the township's location in the fertile Lewistown Valley, agriculture has remained an important part of the local economy into modern times. Other industries that form a significant portion of the local economy in modern times are construction, machinery, and forestry, as well as some tourism related to outdoor activities such as hunting and fishing. The service industry, educational services, truck transportation, and telecommunications services are also present in Taylor Township's modern economy, though to a smaller extent than those previously mentioned (City Data 2023).

4.0 Records Search and Background Research Results

A records search was conducted of the PA-SHARE GIS database maintained by SHPO for information regarding previously recorded historic properties within the project area and the 0.5-mile APE for visual effects. According to the results of the records search, no historic properties have been previously recorded within the project area, or within the 0.5-mile search radius. A copy of the mapped search results from the GIS database can be found in Appendix A, Exhibit 3.

Three historical atlases and plat maps were consulted at the Historic Map Works (2023) website to identify potential historical-period resources within or near the project area, including: Hopkins and Co. 1874, Pomeroy 1873, and Walling and Gray 1872. None of the reviewed atlases and plat maps depicted man-made features within the proposed project area.

A series of historical USGS topographic maps were reviewed which ranged in date from 1930 to 2023. These maps depict the project area as undeveloped land from 1930 to the present. No man-made structures or features are depicted within the project area on the reviewed topographic maps.

Aerial photographs dating from 1966 to 2020 were reviewed for information on land use history. No development is depicted in the aerial photograph from 1966. By 1981, Summit Road and the clearing for the television tower installation can be seen. No additional construction is depicted within the project area in subsequent aerial photographs.

5.0 Fieldwork

Suzanne Reece, MSc, RPA conducted the fieldwork for the Phase I survey with Staff Archaeologist Josh Duncan on August 22, 2023. The project area was examined with a pedestrian survey. No prehistoric or historic-age artifacts were encountered during the pedestrian survey. The proposed project area currently contains a television broadcast array, which includes a concrete block shed containing support equipment, one large antenna array, and two smaller antennas. The larger array is connected to guy-lines, though one of these lines has failed and is no longer connected. Overview photographs of the project area and the television installation can be found in Appendix B, Figures 1 through 9.

Signage in front of the television installation noted that high voltage lines were present within the project area. The sign did not note if the lines were overhead, buried, or both. As a result, no shovel tests were excavated within the project area to avoid potential contact with electrical lines. That being said, the presence of the television broadcast installation suggests there has been prior ground disturbances within the project area. This combined with the absence of artifacts or evidence of cultural deposits during the pedestrian survey, it is unlikely that intact, NRHP eligible archaeological deposits are present within the project area.

The existing antenna arrays and support structure will be removed prior to construction of the proposed broadband installation. Based on information provided by the former owner of the property, the antenna array was installed in 1972 and the concrete block building was constructed in 2001. The antenna array does meet the 45-year threshold to be considered for possible inclusion on the NRHP. However, aside from its age, the antenna does not possess the characteristics necessary to be eligible for inclusion on the NRHP. The concrete block building does not meet the age threshold to be considered for possible inclusion on the NRHP. As such, the removal of the existing structures will not have an impact on historic resources.

6.0 Summary and Recommendations

A Phase I survey was conducted near Waterfall, Taylor township, Fulton County, Pennsylvania ahead of the proposed construction of a lattice tower. A pedestrian survey was

conducted of the project area, and did not encounter artifacts, historic structural remains, or surface level evidence of cultural deposits. One television broadcast installation was noted within the project area, but is not of sufficient age to be considered for inclusion on the NRHP. Shovel testing was not conducted within the location of the proposed communications compound due to the potential presence of buried high voltage lines.

Based on the results of the pedestrian survey, it is unlikely that unknown, NRHP eligible cultural resources are present within the direct APE. Therefore, Terracon recommends a finding of *no historic properties* for the direct APE. No historic properties have been previously recorded within 0.5-mile of the project area; therefore, Terracon recommends a finding of *no historic properties* for the APE of visual effects.

Should buried artifacts, human remains, or cultural deposits be encountered during ground disturbing activities, it is Terracon's recommendation that construction immediately halt, and the resources should be examined by a professional archaeologist. Appropriate authorities, including the State Historic Preservation Office (SHPO), should be notified.

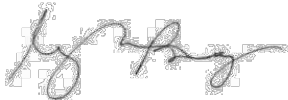
Prepared by:



Suzanne Reece, MSc, RPA
Principal Investigator



Marilyn Zenko
Senior Archaeologist



Meghan Browning
Historian

7.0 References

Adovasio, J.M., and R.C. Carlisle

1986 Meadowcroft Rockshelter. *Natural History* 95(12):20-27.

Adovasio, J.M., A.T. Boldurian, and R.C. Carlisle

1988 Who are Those Guys? Some Biased Thoughts on the Peopling of the New World. In *Americans Before Columbus: Ice Age Origins*, edited by R.C. Carlisle, University of Pittsburgh, Department of Anthropology, Ethnology Monograph 12. Pittsburgh.

Allentown Bicentennial Committee

1962 *Allentown Bicentennial, 1762 – 1962; Lehigh County Sesquicentennial, 1812 – 1962*, p.66. Miers Lithographic, Allentown, Pennsylvania.

Asch, D., and N. Asch

1985 Prehistoric Plant Cultivation in West-Central Illinois. In *Prehistoric Food Production in North America*, edited by R.I. Ford, pp. 149-203. Anthropological Papers No. 75. Museum of Anthropology, University of Michigan, Ann Arbor.

Baker, J.

1993 The Central Builders Site. Paper presented at the annual meeting of the Society for Pennsylvania Archaeology, Stroudsburg, Pennsylvania.

Bartholomew, A., and C.M. Front

2002 *Images of America: Allentown*, pp. 7, 8. Arcadia Publishing, Charleston, South Carolina.

Bergman, C.A., J.F. Doershuk, and J. Schulderein

1994 A Young Archaeologist's Summary Guide to the Deeply Stratified Sandts Eddy Site, Northampton County, Pennsylvania. In C.A. Bergman and J.F. Doershuk, editors, Recent Research into the Prehistory of the Delaware Valley. *Journal of Middle Atlantic Archaeology* 10: 153-168.

Brush, N., and F. Smith

- 1994 The Martins Creek Mastodon: A Paleoindian Butchery Site in Holmes County, Ohio. *Current Research in the Pleistocene* 11: 14-15.

Butterbaugh, K.A.

- 2011 *Then & Now, Lehigh County*, p.45. Arcadia Publishing, Charleston, South Carolina.

Carr, K.W.

- 1989 The Shoop Site: Thirty Years After, p. 87. In *New Approaches to Other Pasts*, edited by W.F. Kinsey, III and R.W. Moeller. Archaeological Services, Bethlehem, Connecticut.
- 1998 Archaeological Site Distributions and Patterns of Lithic Utilization During the Middle Archaic in Pennsylvania, p. 80, 88. In *the Archaic Period in Pennsylvania*, edited by P. Raber, P. Miller, and S. Neusius, pp. 77-90. Pennsylvania Historical and Museum Commission, Harrisburg.

Chapman, J.

- 1975 *The Rose Island Site and the Bifurcate Point Tradition*. Department of Anthropology, University of Tennessee, Report of Investigations 14. Knoxville.
- 1985 Archaeology and the Archaic Period in the Southern Ridge-Valley Province. In *Structure and Process in Southeastern Archaeology*, edited by R.S. Dickens, Jr. and H.T. Ward, pp. 137-153. University of Alabama Press.

Chapman, J., and P.J. Watson

- 1993 The Archaic Period and the Flotation Revolution. In *Foraging and Farming in the Eastern Woodlands*, edited by C.M. Scarry, pp. 27-38. University of Florida Press, Gainesville.

Cowin, V.L.

- 1982 *Archaeological Survey in Region VII: West Central Pennsylvania*. The Carnegie Museum of Natural History, Section of Man. Submitted to the Pennsylvania Historical and Museum Commission, Harrisburg.
- 1991 The Middle Archaic in the Upper Ohio Valley. *Journal of Middle Atlantic Archaeology* 7:43-52.

Cox, S.L.

- 1986 The Analysis of the Shoop Site. In *Archaeology of Eastern North America* 14:101-170.

Custer, J.F.

- 1985 Test Excavations at the Webb Site (36CH51), Chester County, Pennsylvania. *Pennsylvania Archaeologist* 55(12):42-43.
- 1989 *Prehistoric Cultures of the Delmarva Peninsula: An Archaeological Study*. University of Delaware Press, Newark.
- 1996 *Prehistoric Cultures of Eastern Pennsylvania*, p. 265. Commonwealth of Pennsylvania, Pennsylvania Historical and Museum Commission, Harrisburg.

Custer, J.F., and D.R. Griffith

- 1985 Late Woodland Ceramics of Delaware: Implications for the Late Prehistoric Archaeology of Northern North America. *Pennsylvania Archaeologist* 55(3):5-20.

Custer, J.F., S.C. Walters, and D.N. Bailey

- 1993 *Data Recovery Investigations of the West Water Street Site 36CN175, Lock Haven, Clinton County, Pennsylvania*. KSF Historic Preservation Group, Philadelphia. Submitted to the United States Army Corps of Engineers, Baltimore District, Baltimore.

Dent, R.J., and B.E. Kauffman

- 1985 *Aboriginal Subsistence and Site Ecology as Interpreted from Microfloral and Faunal Remains. In Shawnee Minisink: A Stratified Paleo- Indian/Archaic Site in the Upper Delaware Valley of Pennsylvania*, edited by C.W. McNett, Jr., pp. 55-79. Academic Press, Orlando.

East, T., J.M. Adovasio, W.C. Johnson, and D.R. Pedler

- 1988 *The Prehistory of the Catawissa Bridge Replacement Site (36CO9), Columbia County, Pennsylvania*. Interim draft final report. Cultural Resource Management Program, Department of Anthropology, University of Pittsburgh, Pittsburgh. Submitted to Parsons Brinkerhoff-Quade & Douglas, Inc., Philadelphia, and the Pennsylvania Department of Transportation.

East, T.C., F.J. Vento, C.T. Espenshade, M.G. Sams, and B.C. Henderson

- 2002a *Northumberland County, I-80, Section 52D, Bridge Expansion and Highway Improvement Project, Phase I/II/III Archaeological Investigations*. Prepared by Skelly and Loy, Inc. for the Pennsylvania Department of Transportation Engineering District 3-0, Montoursville.

East, T.C., F.J. Vento, C.T. Espenshade, M.G. Sams, and B.C. Henderson

- 2002b *Bradford County, Pennsylvania, S.R. 1022, Section 003, Ulster Bridge Replacement, Phase I/II Archaeological Studies*. Prepared by Skelly and Loy, Inc. for the Pennsylvania Department of Transportation Engineering District 3-0, Montoursville.

Federal Communications Commission (FCC)

- 2004 *Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission*. DCC 04-222. Federal Communications Commission, Washington, D.C.

Funk, R.E.

- 1973 *The Westheimer Site (Shr. 57-2). In Aboriginal Settlement Patterns in the Northeast*, by W.A. Ritchie and R.E. Funk, pp. 123-153. New York State Museum and Science Service Memoir 20. Albany.

- Funk, R.E.
1993 *Archaeological Investigations in the Upper Susquehanna Valley, New York State*. Persimmon Press Monographs in Archaeology. Persimmon Press, Buffalo.
- Funk, R.E., and B.E. Rippeteau
1977 *Adaptation, Continuity, and Change in Upper Susquehanna Prehistory*. Occasional papers in Anthropology No. 3. George's Mills, New Hampshire.
- Funk, R.E., and D.W. Steadman
1994 *Archaeological and Paleoenvironmental Investigations in the Dutchess Quarry Caves*. Persimmon Press, Buffalo, New York.
- Funk, R.E., G.R. Walters, and W.F. Ehlers, Jr.
1969 The Archaeology of Dutchess Quarry Cave, Orange County, New York. *Pennsylvania Archaeologist* 39(1-4): 7-28.
- Gardner, W.M.
1989 Examination of Cultural Change in the Late Pleistocene and Early Holocene (ca. 9200 to 6800 B.C.). In *Paleo-Indian Research in Virginia*, edited by J.M. Wittkofski and T.R. Rinehart, pp. 5-25. Archaeological Society of Virginia, Richmond.
- George, R.L.
1971 The Archaic of the Upper Ohio Valley: A View in 1970. *Pennsylvania Archaeologist* 41(1-2): 1-22.
- 1985 The Archaic Period. In *A Comprehensive State Plan for the Conservation of Archaeological Resources*, Volume II, edited by P.A. Raber, pp. 181-184. Pennsylvania Historical and Museum Commission, Harrisburg.
- Gingerich, J.A.M.
2007 Picking up the Pieces: New Paleoindian Research in the Upper Delaware Valley. In *Archaeology of Eastern North America* (2007)35: 117-124.

Graetzer, M.A.

1986 Settlement Patterns and Paleoclimatic Modeling: A Preliminary Study of Data from the Bald Eagle Watershed of Central Pennsylvania. Master thesis. On file, Department of Anthropology, Pennsylvania State University, University Park.

Graymont, B.

1988 The Iroquois, p.13. Chelsea House Publishers, New York.

Greathead, Elsie S.

1936 "The History of Fulton County Pennsylvania." Bedford County Genealogy. <https://www.pa-roots.com/bedford/history/historyoffultoncounty.html>. Accessed September 1, 2023.

Griffiths-Connelly, D.

1995 The Conrail Site, 36LU169, Luzerne County, Pennsylvania. Paper presented at the Middle Atlantic Archaeological Conference, April, 1995, Ocean City, Maryland.

Hart, J.P., and N. Asch-Sidell

1997 Additional Evidence for Early Cucurbit Use in the Northern Eastern Woodlands East of the Allegheny Front. *American Antiquity* 62:523-537.

Hatch, J.W.

1979 The 1978 National Register Survey of District 9, Centre and Clinton Counties, Pennsylvania. Submitted to the Pennsylvania Historical and Museum Commission, Harrisburg.

Hauser, James J.

1902 *A History of Lehigh County Pennsylvania, from the Earliest Settlements to the Present Time, Including Much Valuable Information for the Use of Schools, Families, Libraries.* (2009). Cornell University Library.

Historic Map Works

2023 Historic Map Works, Historic Map Works, LLC., South Portland, Maine. www.historicmapworks.com.

Hopkins, G.M., and Company

1874 *Pennsylvania State Atlas*. G.M. Hopkins and Co., Philadelphia.

Hughes, M.A., J.P. Kerr, and A.M. Pecora

1992 *The Winfield Locks Site: A Phase III Excavation in the Lower Kanawha Valley, West Virginia*. Cultural Resources Analysts, Inc., Contract Publication Series 92-81, Lexington, Kentucky. Submitted to the U.S. Army Corps of Engineering, Huntingdon District.

Hyland, D.C., J.M. Tersak, J.M. Adovasio, and M.I. Siegel

1990 Identification of the Species of Origin of Residual Blood on Lithic Material. *American Antiquity* 55(1):104-112.

Kalmbach Publishing Company

2000 *The Historical Guide to North American Railroads: 160 Lines Abandoned or Merged Since 1930*, p. 358-360. Kalmbach Publishing Company, Waukesha, Wisconsin.

Kent, B.C.

1980 *Discovering Pennsylvania's Archaeological Heritage*, p. 33. Pennsylvania Historical and Museum Commission, Harrisburg.

Kinsey, W.F., III

1972 *Archaeology in the Upper Delaware Valley*, pp. 441-443. The Pennsylvania Historical and Museum Commission, Anthropological Series 2. Harrisburg.

1975 Faucett and Byram Sites: Chronology and Settlement in the Delaware Valley. *Pennsylvania Archaeologist* 45(1-2):1-103.

Lehigh Valley Planning Commission, publisher

2007 *Lehigh Valley Freight Study*, p. 24. Allentown.

Loy, T.H., and E.J. Dixon

1998 Blood Residues on Fluted Points from Eastern Beringia. *American Antiquity* 63(1):21-46.

- Martin, J.
1997 *Pennsylvania Almanac*, page 97. Stackpole Books, Mechanicsburg, Pennsylvania.
- Maryland Archaeological Conservation Lab
2002 Prehistoric Ceramics in Maryland.
<http://jefpat.org/diagnostic/index.htm>. Accessed October 26, 2010.
- McNett, C.W., Jr.
1985 *Shawnee Minisink: A Stratified Paleoindian/Archaic Site in the Upper Delaware Valley of Pennsylvania*. Academic Press, New York.
- Meltzer, D.J., and B.D. Smith
1986 Paleo-Indian and Early Archaic Subsistence Strategies in Eastern North America. In *Foraging, Collecting and Harvesting: Archaic Period Subsistence and Settlement in the Eastern Woodlands*, edited by S. Neusius, pp. 1-30. Center for Archaeological Investigations, Southern Illinois University, Carbondale.
- Miller, P.E.
1993 Prehistoric Settlement Patterns in the Bald Eagle Creek Drainage of Central Pennsylvania. Ph.D. dissertation, Department of Anthropology, Pennsylvania State University, University Park.
University Microfilms, Ann Arbor, Michigan.
- N.A.
2023 "Taylor Township, Fulton County, Pennsylvania (PA) Detailed Profile". City-Data.com. <http://www.city-data.com/township/Taylor-Fulton-PA.html>. Accessed September 5, 2023.
- Natural Resources Conservation Service (NRCS)
2023 Web Soil Survey. Natural Resources Conservation Service, Washington, D.C. <https://websoilsurvey.sc.egov.usda.gov>.
- Pennsylvania Historical and Museum Commission (PHMC)
2014 Cultural Resources Geographic Information System (CRGIS).
<https://www.dot7.state.pa.us/CRGIS/Home/Index>.
- 2017 Cultural Resources Geographic Information System (CRGIS).
<https://www.dot7.state.pa.us/CRGIS/Home/Index>.

Pennsylvania Historical and Museum Commission (PHMC)

- 2023 "Pennsylvania Agricultural History Project: Fulton County Manuscripts 1850". Pennsylvania Historical & Museum Commission (PHMC), Harrisburg, Pennsylvania.

Pennsylvania State Historic Preservation Office (PA SHPO, SHPO)

- 2021 *Guidelines for Archaeological Investigations in Pennsylvania*. Pennsylvania State Historic Preservation Office, Harrisburg, Pennsylvania.
- N.D. "Fulton County." Incorporation Dates for Municipalities. Pennsylvania Historical and Museum Commission.

Pomeroy, A.

- 1873 *Atlas of Fulton County, Pennsylvania*. A. Pomeroy, Philadelphia.

Raber, P.A.

- 1985 *A Comprehensive State Plan for the Conservation of Archaeological Resources*, pp. 33-36. Volume II. Pennsylvania Historical and Museum Commission, Harrisburg.

Raber, P.A., P.E. Miller, and S.M. Neusius (eds.)

- 1998 The Archaic Period in Pennsylvania: Current Models and Future Directions, p. 126. In *The Archaic Period in Pennsylvania*. Pennsylvania Historical and Museum Commission, Commonwealth of Pennsylvania, Harrisburg.

Ritchie, W.A.

- 1961 *A Typology and Nomenclature for New York State Projectile Points*, pp. 31-33. New York State Museum and Science Service Bulletin 384. Albany, New York.

Ritchie, W.A., and R.E. Funk

- 1973 *Aboriginal Settlement Patterns in the Northeast*, p. 121. New York State Museum Science Service Memoir 20. Albany, New York.

Sevon, W.D., G.M. Fleeger, and V.C. Shepps

- 1999 *Pennsylvania and the Ice Age*, 2nd edition, p. 14. Pennsylvania Geological Survey, Fourth Series, Educational Series 6, Harrisburg.

Smith, I.F., III

1977 *Early and Middle Woodland Composites on Three Mile Island, Dauphin County, Pennsylvania*. Pennsylvania Historical and Museum Commission, Harrisburg.

Spady, James O'neil

2004 Colonialism and the Discursive Antecedents of Penn's Treaty with the Indians. In *From Native America to Penn's Woods: Colonists, Indians, and the Racial Construction of Pennsylvania*, edited by William A. Pencak and Daniel K. Richter. p. 18-40. State College: Pennsylvania State University Press.

Stewart, R.M.

2003 A Regional Perspective on Early and Middle Woodland Prehistory in Pennsylvania, p. 7. In *Foragers and Farmers of the Early and Middle Woodland Periods in Pennsylvania*, edited by P.A. Raber and V.L. Cowin. Pennsylvania Historical and Museum Commission, Commonwealth of Pennsylvania, Harrisburg.

Stewart, R.M., and J.A. Cavallo

1991 Delaware Valley Middle Archaic. *Journal of Middle Atlantic Archaeology*. 7: 19-24.

Treese, L.

2003 *Railroads of Pennsylvania*, p.7. Stackpole Books, Mechanicsburg, Pennsylvania.

Turnbaugh, W.A.

1977 *Man, Land and Time*. The Lycoming County Historical Society, Williamsport, Pennsylvania.

United States Geological Survey (USGS)

2023 *Saltilo, Pennsylvania. Quadrangle. 7.5 Minute Topographic*. United States Geological Survey, Washington, D.C.

Vento, F.J.

1988 Paleosol Development and Site Occurrence in the Susquehanna River Drainage Basin. Paper presented to the Pennsylvania Archaeological Council, Symposium on Environmental Studies and Pennsylvania Archaeology. Morgantown, Pennsylvania.

Vento, F.J., and P.T. Fitzgibbons

- 1987 Holocene Age Paleosol Development and Archaeological Site Locations. Paper presented at the 52nd Annual Meeting of the Society for American Archaeology, Toronto, Canada.

Vento, F.J., H. Rollins, R.M. Stewart, P. Raber, and W. Johnson

- 1990 Genetic Stratigraphy, Climate Change and the Burial of Archaeological Sites within the Susquehanna, Delaware and Ohio River Drainage Basins. Submitted to the Bureau for Historic Preservation, Pennsylvania Historical and Museum Commission, Harrisburg.

Waldman, C.

- 1988 *Encyclopedia of Native American Tribes*. Facts on File Publications, New York.

Wallace, P.A.W.

- 1986 *Indians in Pennsylvania*. Pennsylvania Historical and Museum Commission, Harrisburg.

- 1987 *Indian Paths of Pennsylvania*, p. 98. Pennsylvania Historical and Museum Commission, Harrisburg.

Walling, Henry F., and O.W. Gray

- 1872 *New Topographical Atlas of the State of Pennsylvania*. Stedman, Brown & Lyon, Philadelphia.

Waterman, Watkins, & Co.

- 1884 "History of Bedford, Somerset, and Fulton Counties, Pennsylvania: with Illustrations and Biographical Sketches of some of its Pioneers and Prominent Men". Published by Waterman, Watkins, & Company, Chicago, 1884.

Watts, W.A.

- 1979 The Quaternary Vegetation of Central Appalachia and the New Jersey Coastal Plain. *Ecological Monographs* 49(4):427-469.

Weslager, C.A.

- 1996 *The Delaware Indians*. Rutgers University Press, New Brunswick, New Jersey.

Werner, D.

1972 The Zimmerman Site, 36-PI-14. In *Archaeology in the Upper Delaware Valley*, edited by W. Fred Kinsey, III, pp. 55-130. Pennsylvania Historical and Museum Commission, Anthropological Series No. 3.

Whelan, F.

2012 *Lehigh County: A Bicentennial Look Back at an American Community*, p. 11, 14-15, 25, 42, 47, 99, 100. County of Lehigh, Allentown.

Wilkins, Elwod S, Jr.

1987 A Selden Island Pottery Vessel from the Minguannan Site – 36CH3. In *Bulletin of The Archaeological Society of Delaware*, Number 11, New Series: p. 17-22.

Witthoft, J.

1952 A Paleo-Indian Site in Eastern Pennsylvania: An Early Hunting Culture. *Proceedings of the American Philosophical Society* 96(4). Philadelphia.

Appendix A

Site Plan and Maps

Please refer to Appendix B for Site Figures

Please refer to Appendix F for Site Photographs



Pennsylvania State Historic Preservation Office

PENNSYLVANIA HISTORICAL AND MUSEUM COMMISSION

September 29, 2023

Sent Via PA-SHARE

RE: ER Project # 2023PR04766.001, Waterfall Tower (Ambassador Towers), National Telecommunications and Information Admini, Taylor Township, Fulton County

Dear Submitter,

Thank you for submitting information concerning the above referenced project. The Pennsylvania State Historic Preservation Office (PA SHPO) reviews projects in accordance with state and federal laws. Section 106 of the National Historic Preservation Act of 1966, and the implementing regulations (36 CFR Part 800) of the Advisory Council on Historic Preservation, is the primary federal legislation. The Environmental Rights amendment, Article 1, Section 27 of the Pennsylvania Constitution and the Pennsylvania History Code, 37 Pa. Cons. Stat. Section 500 et seq. (1988) is the primary state legislation. These laws include consideration of the project's potential effects on both historic and archaeological resources.

Above Ground Resources

No Above Ground Concerns - Environmental Review - No Historic Properties - Above Ground

Based on the information received and available in our files, it is our opinion that there are no above ground historic properties (resources listed in or eligible for listing in the National Register) present in the project area of potential effect. Therefore, no above ground historic properties will be affected by the proposed project. Should the scope of the project change and/or new information be brought to your attention regarding historic properties located within the project area of potential effect, please reinitiate consultation with our office using PA-SHARE.

For questions concerning above ground resources, please contact Sara-Ladd Manley at samanley@pa.gov.

Archaeological Resources

No Archaeological Concerns - Environmental Review - No Historic Properties - Archaeological

Based on the information received and available within our files, it is our opinion that there are no archaeological historic properties (resources listed in or eligible for listing in the National Register) present within the area of potential effect. Should the scope of the project change and/or should you be made aware of historic property concerns, you will need to reinitiate consultation with our office using PA-SHARE.

For questions concerning archaeological resources, please contact Sara-Ladd Manley at samanley@pa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Emma Diehl". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Emma Diehl
Environmental Review Division Manager

APPENDIX F

Site Name: Hustontown
Project No. J8237078
Photographs Taken On: August 9, 2023



1. View of the existing compound, view to the south.



2. View to the north from the existing compound.



3. View of the existing compound, view to the southeast.



4. View to the northwest from the existing compound.



5. View of the existing compound, view to the northeast.



6. View to the south from the existing compound.

Site Name: Hustontown
Project No. J8237078
Photographs Taken On: August 9, 2023



7. View of the existing compound, view to the northeast.

8. View to the northwest from the existing compound.



9. Overview of the existing tower, view to the north.

Site Name: Jack's Mountain
Project No. J8237072
Photographs Taken On: August 21, 2023



1. View of the proposed access easement, view to the northwest.



2. View of the proposed utility corridor, view to the north.



3. View of the proposed compound, view to the north.



4. View of the proposed compound, view to the southwest.



5. View to the south from the proposed tower location.



6. View to the west from the proposed tower location.

Site Name: Jack's Mountain
Project No. J8237072
Photographs Taken On: August 21, 2023



7. View to the north from the proposed tower location.



8. View to the east from the proposed tower location.



9. View of Shovel Test 1, a typical excavated shovel test.

Site Name: Sideling Hill
Project No. J8237072
Photographs Taken On: August 29, 2023



1. View of the proposed construction easement, view to the north.



2. View of the proposed utility corridor from the tower compound, view to the south.



3. View of the proposed compound, view to the south.



4. View of the proposed compound, view to the south.



5. View to the south from the proposed tower location.



6. View to the west from the proposed tower location.

Site Name: Sideling Hill
Project No. J8237072
Photographs Taken On: August 29, 2023



7. View to the north from the proposed tower location.



8. View to the east from the proposed tower location.



9. View of Shovel Test 1, a typical excavated shovel test.

Site Name: Watefall
Project No. J8237072
Photographs Taken On: August 22, 2023



1. View of the proposed access easement, view to the north.



2. View of the proposed compound, view to the northeast.



3. View of the proposed compound, view to the southeast.



4. View to the north from the proposed tower compound.



5. View to the east from the proposed tower compound.



6. View to the south from the proposed tower compound.

Site Name: Watefall
Project No. J8237072
Photographs Taken On: August 22, 2023



7. View to the west from the proposed tower location.



8. Overview of the existing television tower installation, view to the northeast.



9. Overview of the existing television tower installation, view to the northwest.