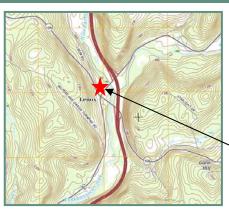
Lenox Interchange



Site Location

Municipality: Lenox Township

Property Owner: Richard & Mary Hopfer, and

Ordie & Aline Price

Tax Parcel ID(s): 205.00-2-034.00, 205.00-2-032.00

Site

Deed Reference: 0387/0131, 0450/0121

Site Acreage: 1.18, 7.01, and 8.59 acres

Site Resources

Infrastructure (Water & Sewer):

There is no public water and sewer available at the site.

Site Access:

There are no access roads to the listed parcels. Access can be achieved from State Route 92, and State Route 2063 with PennDOT highway permit. An additional access may be obtained from SR 6. Nine Partners Creek and Tunkhannock Creek are within the limits of the listed locations.

Existing Terrain:

The site is flat with slopes ranging from 0-3%. The properties are adjacent to and on the west side of Interstate 81. Soils at the site are primarily gravelly silt loams, channery silt loams with small portions of sand and alluvial material due to the proximity of the freshwater streams. A majority of the site is within designated flood hazard Zone A. State Route 547 is through the center of the property.

Railroad Availability:

The project area is not near a railway area.

Floodplain Regions:

A majority of the site is located within the 100-year floodplain, Zone A. Flood insurance is required for the area.

Wetlands (NWI Review):

Potential wetlands are located within some of the listed parcels boundaries. There are two natural streams that listed parcels and meet south from the sites.

PNDI (Environmental Review):

The PA Game Commission requires further review per the designation of the listed areas to be considered a project area.

Site Amenities

Accessible Public Water/Sewer:

No water or sewer services are available for this site.

Electric Service Availability:

Yes, Single-Phase power on-site.

Communication-Fiber:

Not currently available.

Natural Gas Service Availability:

An existing natural gas line is located approximately 0.5 mile south of the site in Lenox Township. In some cases, the pipeline extension would require a highway crossing and environmental permitting to construct an extension.

Non-Potable Water Source:

Potential Water Source:

Tunkhannock Creek (CWF, MF, EV)
Nine Partners Creek – Unnamed tributary (CWF, MF)

Air Quality:

Attainment Area

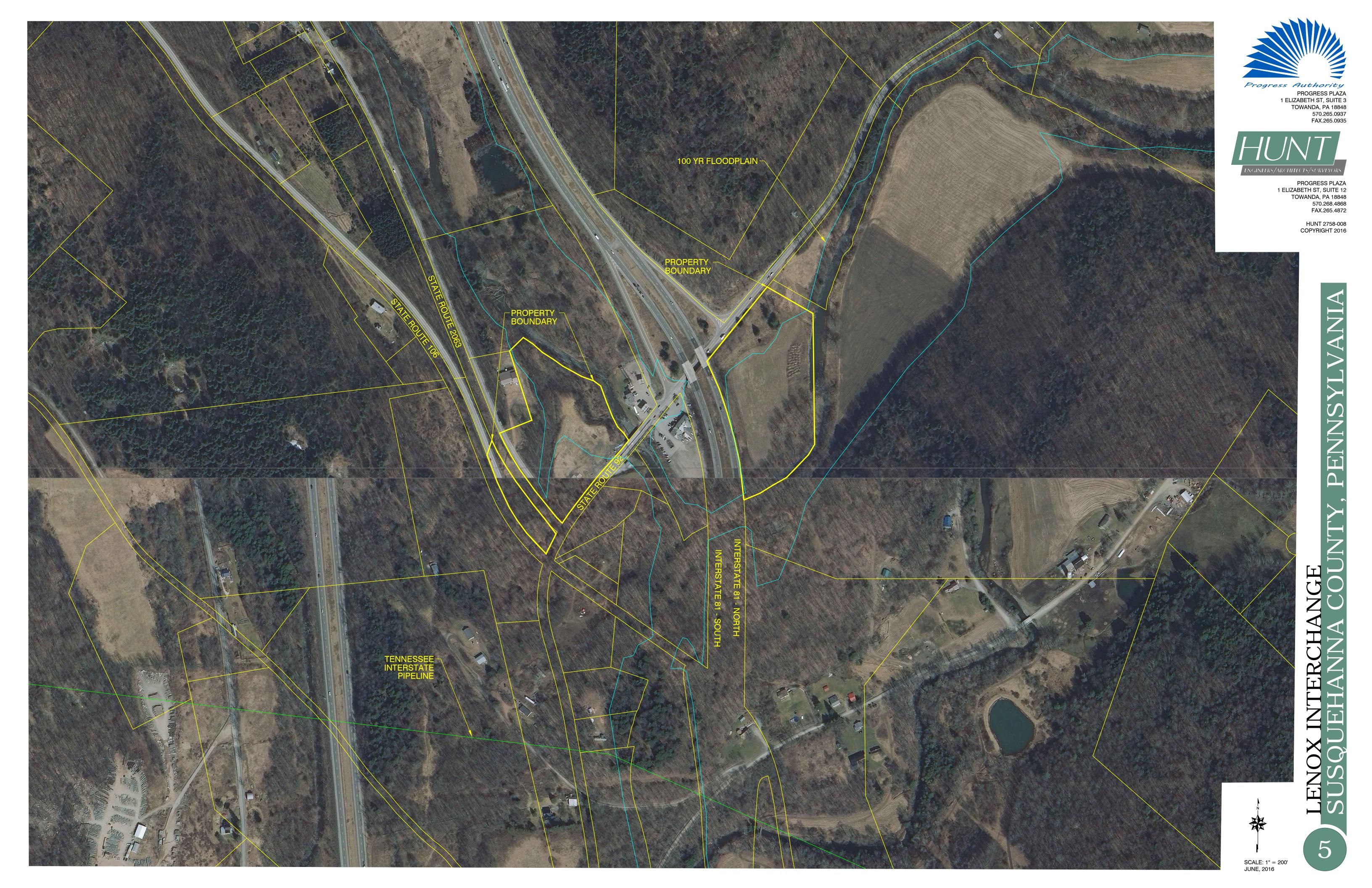
Local Regulations

- SALDO
 - > Yes, Susquehanna County
- Zoning Ordinance
 - No
- ACT 167 Watershed
 - Yes, Tunkhannock Creek (Us of Nine Partners) and East Branch Tunkhannock Creek
- Building Permit Required
 - Yes, Lenox Township
- Driveway Permit Required
 - Yes, PennDOT Highway Occupancy Permit









NOTES TO USERS

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The community map repository should be consulted for possible updated or additional flood hazard information.

To obtain more detailed information in areas where Base Flood Elevations (BFEs) and/or floodways have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Stillwater Elevations tables contained within the Flood Insurance Study (FIS) report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS report should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

Coastal Base Flood Elevations shown on this map apply only landward of 0.0' North American Vertical Datum of 1988 (NAVD 88). Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations tables in the Flood Insurance Study report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevations tables should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the **floodways** were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study report for this jurisdiction.

Certain areas not in Special Flood Hazard Areas may be protected by flood control structures. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study report for information on flood control structures for this jurisdiction.

The **projection** used in the preparation of this map was Pennsylvania State Plane, north zone (FIPSZONE 3701). The horizontal datum was NAD 83, GRS80 spheroid. Differences in datum, spheroid, projection or UTM zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of this FIRM.

Flood elevations on this map are referenced to the North American Vertical Datum of 1988. These flood elevations must be compared to structure and ground elevations referenced to the same vertical datum. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at http://www.ngs.noaa.gov or contact the National Geodetic Survey at the following address:

NGS Information Services NOAA, WNGS12 National Geodetic Survey SSMC-3, #9202 1315 East-West Highway Silver Spring, Maryland 20910-3282 (301) 713-3242

To obtain current elevation, description, and/or location information for bench marks shown on this map, please contact the Information Services Branch of the National Geodetic Survey at (301) 713-3242, or visit its website at http://www.ngs.noaa.gov.

Base map information shown on this FIRM was originated from PAMAP Program, PA Department of Conservation and Natural Resources, Bureau of Topographic and Geologic Survey. The imagery was derived from aerial photography flown at 1-foot ground sample distance in April 2005.

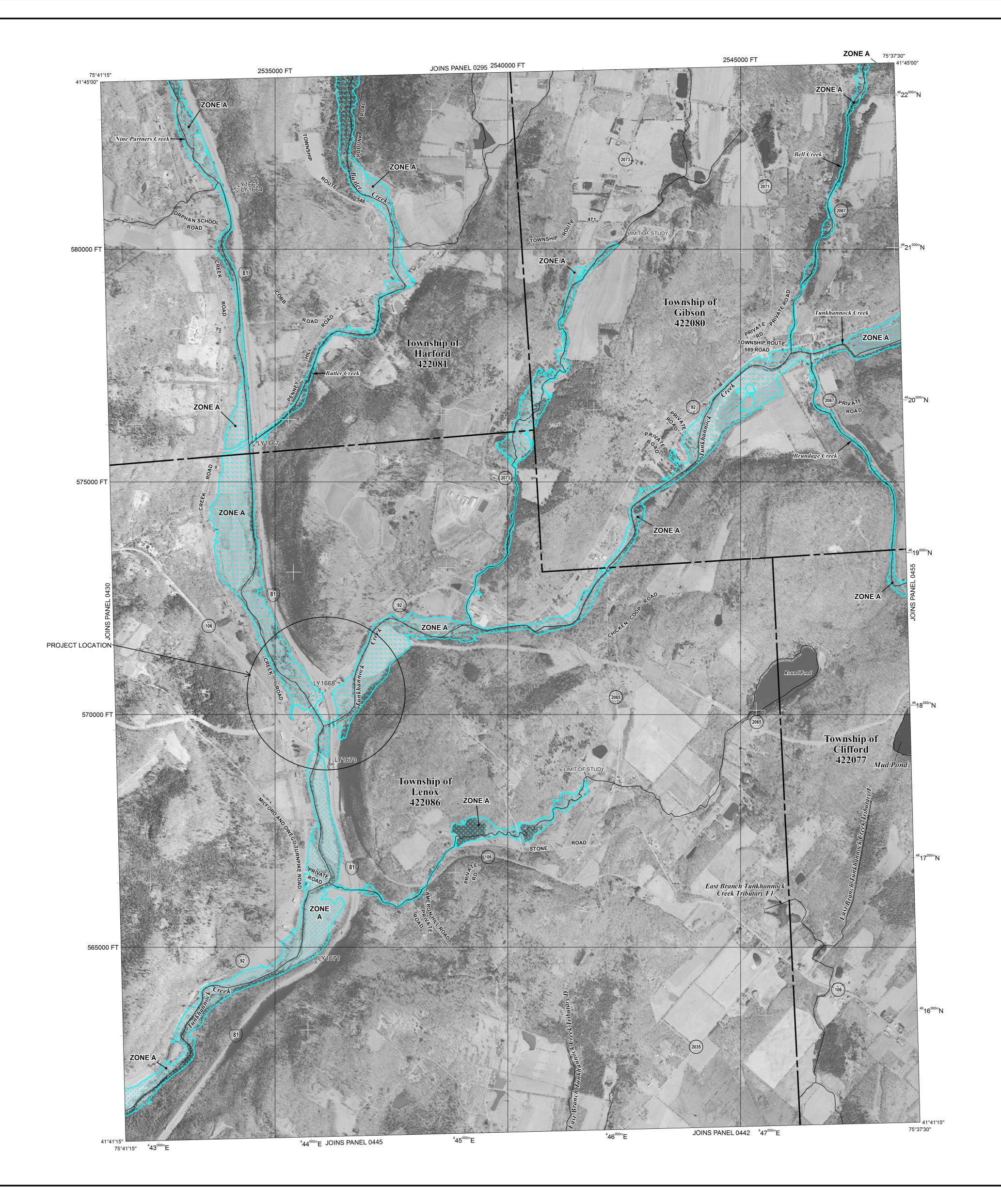
Based on updated topographic information, this map reflects more detailed and up-to-date stream channel configurations and floodplain delineations than those shown on the previous FIRM for this jurisdiction. As a result, the Flood Profiles and Floodway Data tables in the Flood Insurance Study Report (which contains authoritative hydraulic data) may reflect stream channel distances that differ from what is shown on this map. Also, the road to floodplain relationships for unrevised streams may differ from what is shown on previous maps.

Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred after this map was published, map users should contact appropriate community officials to verify current corporate limit locations.

Please refer to the separately printed Map Index for an overview map of the county showing the layout of map panels; community map repository addresses; and a Listing of Communities table containing National Flood Insurance Program dates for each community as well as a listing of the panels on which each community is located.

Contact the FEMA Map Information eXchange at 1-877-336-2627 for information on available products associated with this FIRM. Available products may include previously issued Letters of Map Change, a Flood Insurance Study report, and/or digital versions of this map. The FEMA Map Information eXchange may also be reached by Fax at 1-800-358-9620 and its website at http://msc.fema.gov.

If you have questions about this map or questions concerning the National Flood Insurance Program in general, please call 1-877-FEMA MAP (1-877-336-2627) or visit the FEMA website at http://www.fema.gov/business/nfip.



LEGEND

SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

The 1% annual flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

No Base Flood Elevations determined.

ZONE AE Base Flood Elevations determined.

ZONE A

in flood heights.

ZONE X

ZONE D

Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood **ZONE AH** Elevations determined.

Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also

Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.

Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations

Coastal flood zone with velocity hazard (wave action); no Base Flood **ZONE V** Elevations determined.

Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases

OTHER FLOOD AREAS

Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

FLOODWAY AREAS IN ZONE AE

Areas determined to be outside the 0.2% annual chance floodplain. Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS OTHERWISE PROTECTED AREAS (OPAs)

CBRS are as and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

1% annual chance floodplain boundary 0.2% annual chance floodplain boundary

Floodway boundary

Zone D boundary CBRS and OPA boundary •••••

> Boundary dividing Special Flood Hazard Area Zones and boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities.

Limit of Moderate Wave Action ~~~ 513 ~~~~ Base Flood Elevation line and value; elevation in feet*

Base Flood Elevation value where uniform within zone; elevation (EL 987) * Referenced to the North American Vertical Datum of 1988

Cross section line (23)-----(23) Transect line ----

Culvert, Flume, Penstock or Aqueduct =Road or Railroad Bridge Footbridge

87°07'45", 32°22'30" Geographic coordinates referenced to the North American Datum of 1983 (NAD 83), Western Hemisphere

²⁴76^{00 0m}N 1000-meter Universal Transverse Mercator grid values, zone 18

5000-foot grid values: Pennsylvania State Plane coordinate 600000 FT system, North zone (FIPSZONE 3701), Lambert Conformal Conic Bench mark (see explanation in Notes to Users section of this

DX5510 × M1.5

agent or call the National Flood Insurance Program at 1-800-638-6620.

置

MAP REPOSITORY Refer to listing of Map Repositories on Map Index

EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP

April 2, 2013

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL

For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.

To determine if flood insurance is available in this community, contact your Insurance

PANEL 0435C

FIRM FLOOD INSURANCE RATE MAP

SUSQUEHANNA COUNTY, PENNSYLVANIA (ALL JURISDICTIONS)

PANEL 435 OF 490

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CLIFFORD. TOWNSHIP OF GIBSON, TOWNSHIP OF

LENOX. TOWNSHIP OF

NUMBER PANEL SUFFIX 422077 422080

Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.



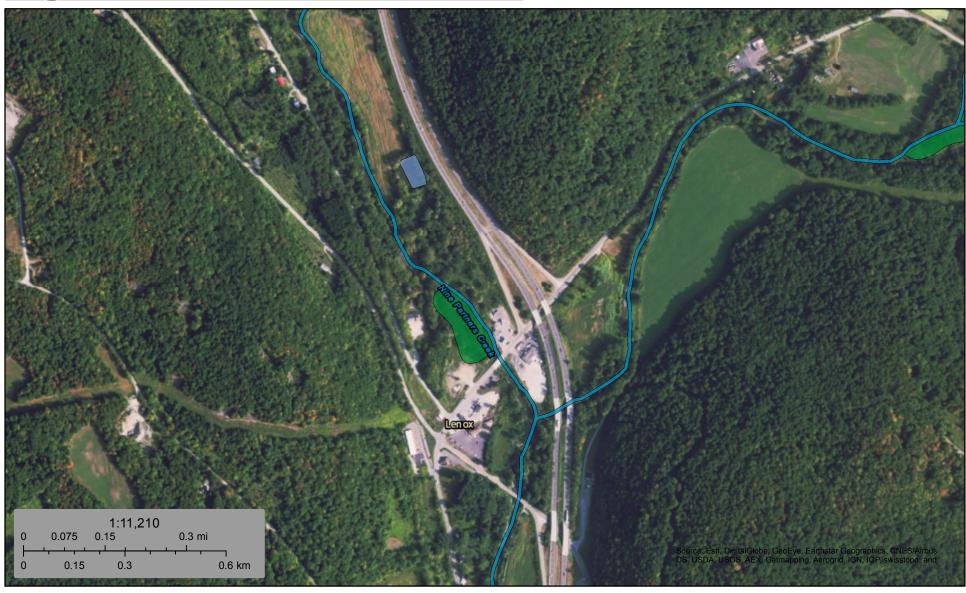
MAP NUMBER 42115C0435C **EFFECTIVE DATE**

APRIL 2, 2013

Federal Emergency Management Agency



Lenox





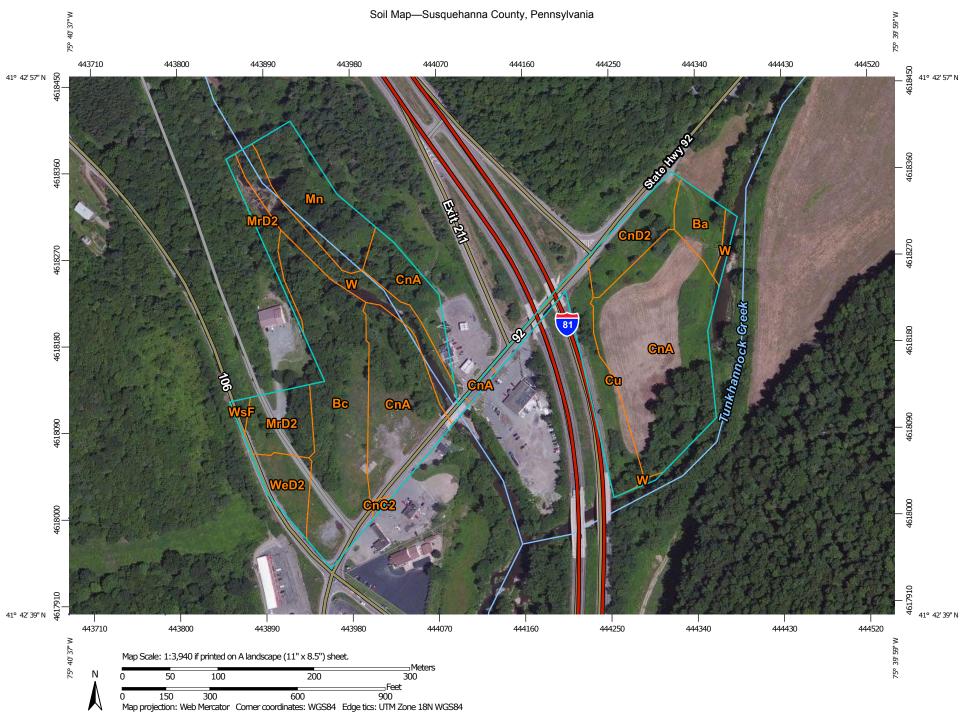
Freshwater Emergent Wetland

Estuarine and Marine Deepwater Freshwater Forested/Shrub Wetland Other

Estuarine and Marine Wetland Freshwater Pond Riverine

Lake

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.



MAP LEGEND

Area of Interest (AOI)

Area of Interest (AOI)

Soils

Soil Map Unit Polygons



Soil Map Unit Points

Special Point Features

Blowout

☑ Borrow Pit

Clay Spot

Closed Depression

Gravel Pit

Gravelly Spot

Landfill

A Lava Flow

Marsh or swamp

Mine or Quarry

Miscellaneous Water

Perennial Water

Rock Outcrop

Saline Spot

Sandy Spot

Severely Eroded Spot

Sinkhole

Slide or Slip

Sodic Spot

)L.1D

Spoil Area

Stony Spot

Nery Stony Spot

Wet Spot

Other

Special Line Features

Water Features

Streams and Canals

Transportation

Rails

Interstate Highways

US Routes

Major Roads

Local Roads

Background

Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service Web Soil Survey URL: http://websoilsurvey.nrcs.usda.gov Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Susquehanna County, Pennsylvania Survey Area Data: Version 10, Nov 16, 2015

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Mar 20, 2011—Jul 5, 2011

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.



Map Unit Legend

Susquehanna County, Pennsylvania (PA115)					
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI		
Ва	Barbour fine sandy loam	0.8	3.3%		
Вс	Basher silt loam	4.6	18.7%		
CnA	Chenango gravelly silt loam, 0 to 3 percent slopes	9.6	38.9%		
CnC2	Chenango gravelly silt loam, 12 to 20 percent slopes, moderately eroded	0.1	0.2%		
CnD2	Chenango gravelly silt loam, 20 to 30 percent slopes, moderately eroded	1.2	5.0%		
Cu	Cut and fill land	1.9	7.6%		
Mn	Mixed alluvial land	2.1	8.3%		
MrD2	Morris flaggy silt loam, 15 to 25 percent slopes, eroded	1.6	6.6%		
W	Water	1.9	7.7%		
WeD2	Wellsboro channery silt loam, 15 to 25 percent slopes, eroded	0.8	3.2%		
WsF	Wellsboro channery silt loam, 25 to 50 percent slopes, very stony	0.1	0.4%		
Totals for Area of Interest		24.7	100.0%		

1. PROJECT INFORMATION

Project Name: Lexon

Date of Review: **8/19/2016 02:46:59 PM**Project Category: **Development, Other**

Project Area: **37.58 acres** County(s): **Susquehanna**

Township/Municipality(s): **LENOX**

ZIP Code: 18446

Quadrangle Name(s): **LENOXVILLE**

Watersheds HUC 8: Upper Susquehanna-Tunkhannock

Watersheds HUC 12: Nine Partners Creek; Upper Tunhannock Creek

Decimal Degrees: 41.713814, -75.672314

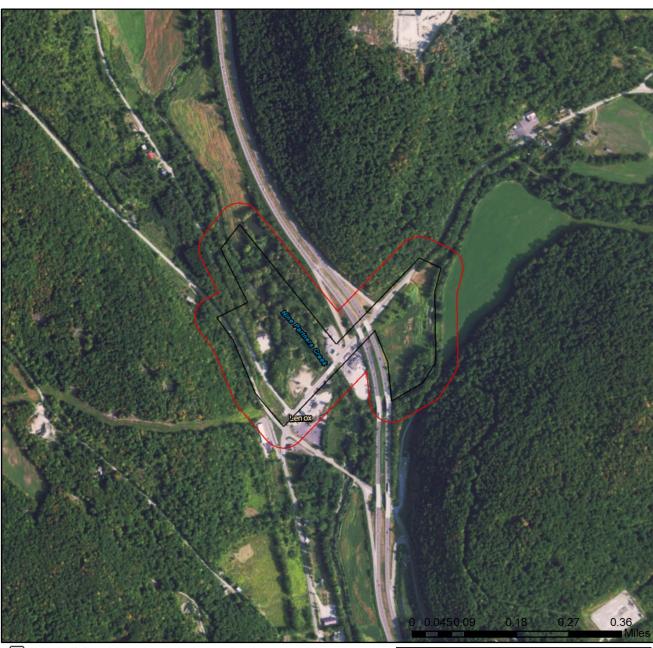
Degrees Minutes Seconds: 41° 42' 49.7318" N, 75° 40' 20.3292" W

2. SEARCH RESULTS

Agency	Results	Response
PA Game Commission	Potential Impact	FURTHER REVIEW IS REQUIRED, See Agency Response
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 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.

Lexon



Project Boundary

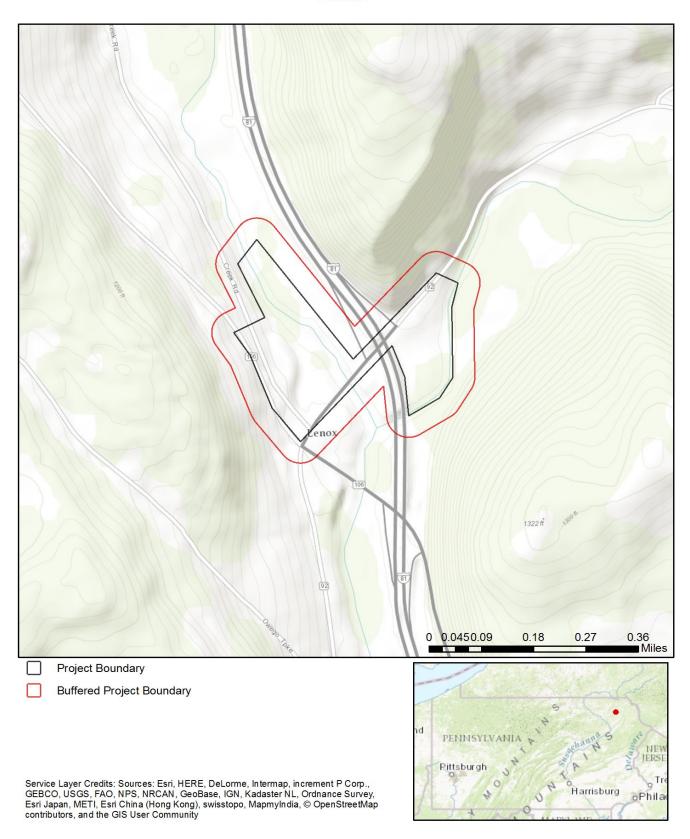
Buffered Project Boundary

Service Layer Credits: Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA,

PENNSYLVAN

Pittsburgh

Lexon



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:

Further review of this project is necessary to resolve the potential impact(s). Please send project information to this agency for review (see WHAT TO SEND).

PGC Species: (Note: The Pennsylvania Conservation Explorer tool is a primary screening tool, and a desktop review may reveal more or fewer species than what is listed below.)

Scientific Name	Common Name	Current Status
Ardea herodias	Great Blue Heron	Special Concern Species*

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.

- * Special Concern Species or Resource Plant or animal species classified as rare, tentatively undetermined or candidate as well as other taxa of conservation concern, significant natural communities, special concern populations (plants or animals) and unique geologic features.
- ** Sensitive Species Species identified by the jurisdictional agency as collectible, having economic value, or being susceptible to decline as a result of visitation.

Project Search ID: PNDI-611037

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). 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. Alternatively, applicants may email or mail their project materials (see AGENCY CONTACT INFORMATION). *Note: U.S.Fish and Wildlife Service requires applicants to mail project materials to the USFWS PA field office (see AGENCY CONTACT INFORMATION). USFWS will not accept project materials submitted electronically (by upload or email).

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.

Page 5 of 6

Project Search ID: PNDI-611037

Project Search ID: PNDI-611037

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

Fax:(717) 772-0271

PA Fish and Boat Commission

Division of Environmental Services 450 Robinson Lane, 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 **NO Faxes Please**

PA Game Commission

Bureau of Wildlife Habitat Management Division of Environmental Planning and Habitat Protection 2001 Elmerton Avenue, Harrisburg, PA 17110-9797 Email: RA-PGC PNDI@pa.gov

NO Faxes Please

7. PROJECT CONTACT INFORMATION

Name:		The state of the s	
Company/Business Name:_ Address:			
City, State, Zip:		(1) 44.20, 44.44	
Phone:() Email:	Fax:()	-	
8. CERTIFICATION	The state of the s		
size/configuration, project ty ocation, size or configuration	ect information contained in this receipt (incluingly pe, answers to questions) is true, accurate an changes, or if the answers to any question online environmental review.	nd complete. In addition, if the project	
3 / 3			
applicant/project proponent	signature	date	