



Transcontinental Gas Pipe Line Company, LLC

Requirement G-1 – PNDI Environmental Review Receipt

Regional Energy Access Expansion Project – Effort Loop

**April 2021
(Revised March 2022)**

1. PROJECT INFORMATION

Project Name: **Regional Energy Access Project**

Date of Review: **9/8/2020 11:03:49 AM**

Project Category: **Energy Storage, Production, and Transfer, Energy Transfer, Pipeline (e.g., gas, oil) -- NEW (construction of new line in a new location)**

Project Area: **483.85 acres**

County(s): **Bucks; Chester; Delaware; Luzerne; Monroe; Northampton; Wyoming; York**

Watersheds HUC 8: **Brandywine-Christina; Lehigh; Lower Delaware; Lower Susquehanna; Middle Delaware-Mongaup-Brodhead; Middle Delaware-Musconetcong; Schuylkill; Upper Susquehanna-Lackawanna; Upper Susquehanna-Tunkhannock**

Watersheds HUC 12: **Abrahams Creek; Bear Creek; Buck Creek-Delaware River; Buckhorn Creek-Delaware River; Buckwha Creek; City of Wilkes-Barre-Mill Creek; City of Wilkes-Barre-Susquehanna River; Fishing Creek-Muddy Creek; Headwaters Pohopoco Creek; Leonard Creek; Little Valley Creek-Valley Creek; Lower Bowman Creek; Lower McMichael Creek; Mud Run; Obendorfers Creek-Susquehanna River; Oldmans Creek-Delaware River; Repaupo Creek-Delaware River; Toby Creek; Tunkhannock Creek; Upper McMichael Creek; Valley Creek; Wright Creek-Lehigh River**

Decimal Degrees: **41.293788, -75.808780**

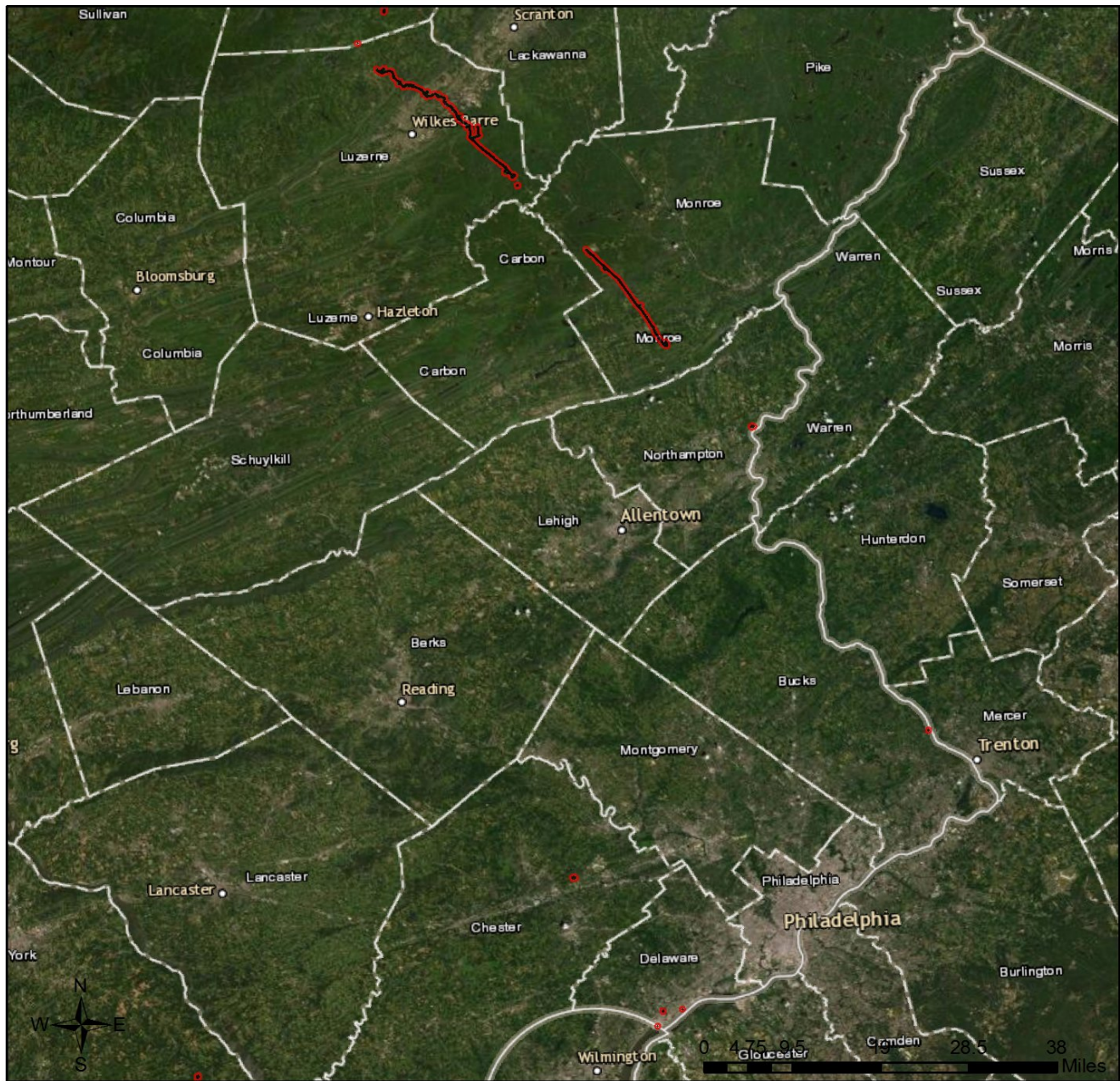
Degrees Minutes Seconds: **41° 17' 37.6351" N, 75° 48' 31.6082" W**

2. SEARCH RESULTS - LARGE PROJECT

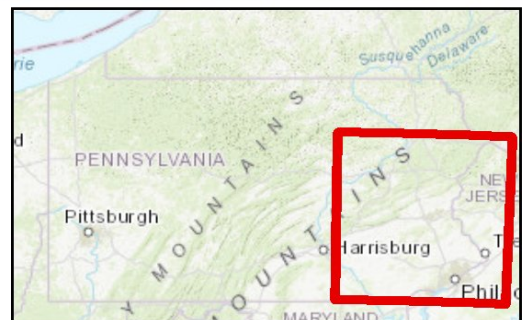
Agency	Results	Response
PA Game Commission	Potential Impact	FURTHER REVIEW IS REQUIRED, See Agency Response
PA Department of Conservation and Natural Resources	Potential Impact	FURTHER REVIEW IS REQUIRED, See Agency Response
PA Fish and Boat Commission	Potential Impact	FURTHER REVIEW IS REQUIRED, See Agency Response
U.S. Fish and Wildlife Service	Potential Impact	FURTHER REVIEW IS REQUIRED, See Agency Response

Large Project. The project area is greater than 10 miles and/or 5,165 acres and therefore is categorized as a Large Project, and is not analyzed by the PNDI tool. Coordination is therefore required with the four jurisdictional agencies to determine if potential impacts to threatened and endangered and/or special concern species and resources within the project area. Please see the DEP Information section of the receipt if a PA Department of Environmental Protection Permit is required.

Regional Energy Access Project

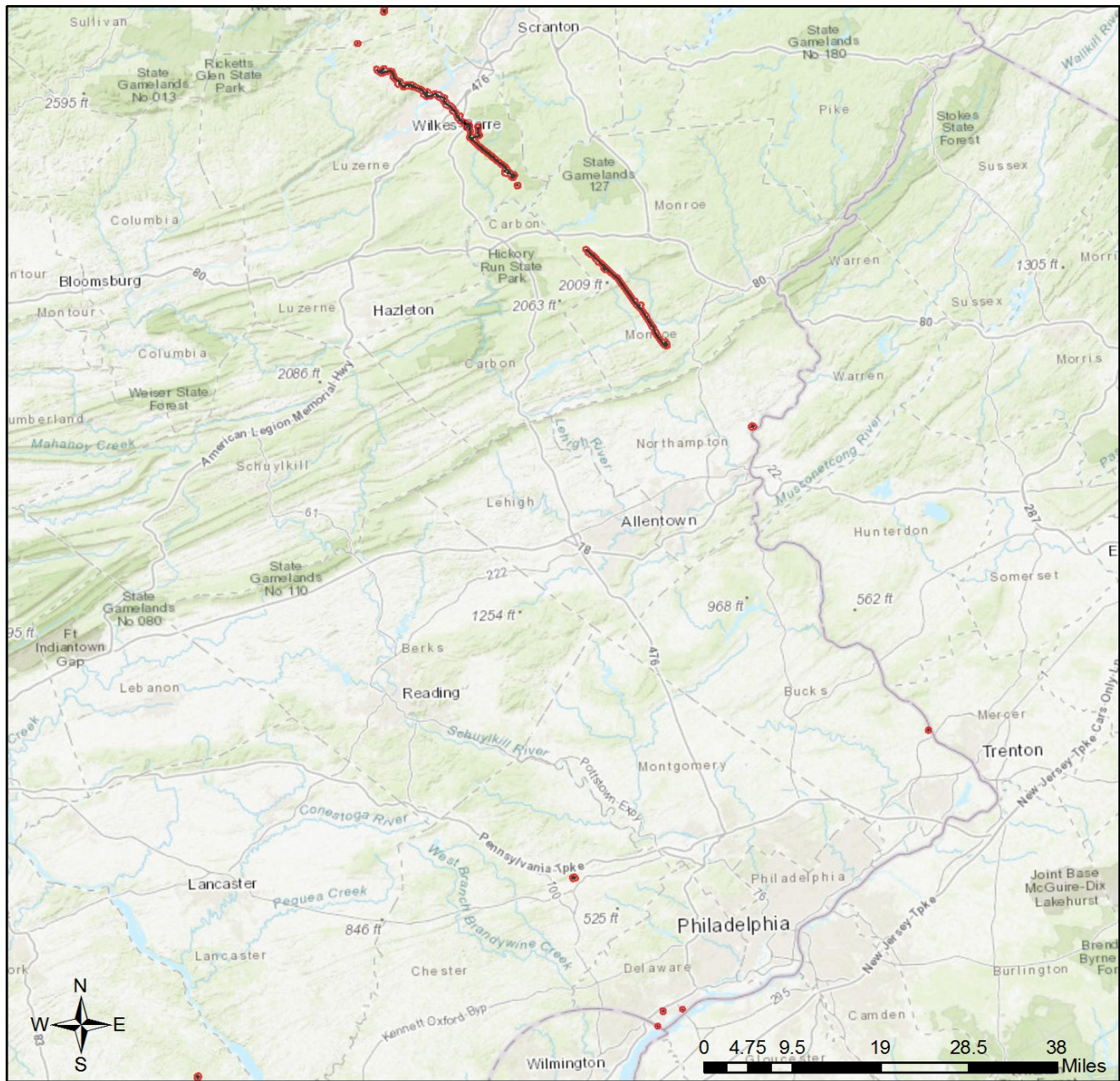


- Project Boundary
- Buffered Project Boundary



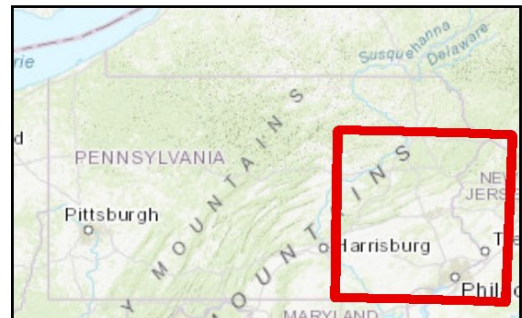
Service Layer Credits: Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
 Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community
 Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China

Regional Energy Access Project



- Project Boundary
- Buffered Project Boundary

Service Layer Credits: Sources: Esri, HERE, Garmin, Intemap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, 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:

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).

PA Department of Conservation and Natural Resources

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).

PA Fish and Boat 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).

U.S. Fish and Wildlife Service

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).

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>.

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 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: Karen Olson
Company/Business Name: Williams-Transcontinental Gas Pipeline Company, LLC
Address: 2800 Post Oak Blvd, Level 11
City, State, Zip: Houston, TX 77056
Phone: (713) 215-4232 Fax: ()
Email: karen.olson@williams.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

02/08/2022

date



Transcontinental Gas Pipe Line Company, LLC
2800 Post Oak Boulevard, Level 11
Houston, Texas 77056

January 31, 2020

**Re: PNDI Large Project Submission for Environmental Review
Transcontinental Gas Pipe Line Company, LLC
Regional Energy Access Project**

To Whom it May Concern:

Transcontinental Gas Pipe Line Company, LLC (Transco) is in the process of defining the proposed Regional Energy Access Project (Project), which would expand Transco's existing facilities to meet growing demand for natural gas. Currently, the Pennsylvania Project components consist of two pipeline segments, one new compressor station, upgrades to two existing compressor stations, and additions or modifications to aboveground ancillary facilities along the existing and proposed pipelines.

This correspondence is intended to initiate Pennsylvania Natural Diversity Index (PNDI) consultation with the Pennsylvania Game Commission, Pennsylvania Fish and Boat Commission, Pennsylvania Department of Conservation and Natural Resources, and United States Fish and Wildlife Service (USFWS) regarding the presence of Threatened, Endangered, and special concern species occurring along or in the vicinity of the proposed Project.

For the purposes of the PNDI review, the Pennsylvania Project components are listed below:

Project Components

- Regional Energy Lateral - Approximately 22 miles of 30-inch-diameter pipeline, both co-located pipeline along the existing Transco Leidy pipeline system and greenfield pipeline, in Luzerne County, PA;
 - Ten Alternative Route options (Alt_REL_A-J); are included with this submission, as the route is still being designed;
- Effort Loop - Approximately 14 miles of 42-inch-diameter pipeline looping the existing Transco Leidy pipeline system in Monroe County, PA;
- New Compressor Station 510 - New gas turbine-driven Compressor Station in Northampton County, PA, located adjacent to the existing Leidy pipeline system. The options currently requested for review are:
 - CS 510 – Option MP 30.6
 - CS 510 – Option MP 31.4
 - CS 510 – Option MP 32.6
 - CS 510 – Option MP 33.1
- Existing Compressor Station 515 – Additional horsepower at an existing Compressor Station in Luzerne County, PA located adjacent to the existing Leidy pipeline system;

- Existing Compressor Station 195 – Modifications will include additional horsepower at an existing Compressor Station in York County. No earth disturbance is being proposed for the modification, and;
- Aboveground Ancillary Facilities – Modifications or additions of receipt and delivery meter stations, valve sites, and regulator stations along the proposed pipeline routes and along Transco’s existing pipeline system.

The summary table below outlines the location of Project components in Pennsylvania as shown on Attachment A: PA Natural Diversity Index - Project Map and Attachment B: Topographic Project Location Maps.

Table 1. Project Facility Summary Table		
Project Component	County	Attachment B - Topographic Project Location Map
Proposed 30" Regional Energy Lateral	Luzerne	1A-1D
Existing Compressor Station 515	Luzerne	1A
Existing Carverton Meter Station	Luzerne	1C & 1D
Proposed 42" Leidy D Effort Loop	Monroe	2A- 2C
Proposed Compressor Station 510	Northampton	3
Existing Lower Mud Run Meter Station and Delaware Regulator	Northampton	3
Existing Compressor Station 195	York	4
Existing Chapin Meter Station	Wyoming	5
Existing Puddlefield Meter Station	Wyoming	6
Existing Chester Meter Station	Delaware	7

The proposed Regional Energy Lateral and Effort Loop will be co-located within/adjacent to the existing Transco right-of-way (ROW) to the extent possible. The temporary and/or permanent ROW will need to be widened at varying widths to accommodate the Project construction. Potential access roads that may be proposed for use are included. In general, these are existing access roads that may be subject to improvements to accommodate Project construction.

Field surveys have not been initiated for the Project; however, are planned to begin in the spring of 2020. Temporary and permanent workspaces (e.g. disturbance areas) have not been defined at this time. During and following field surveys and throughout the design process, the proposed pipeline route and overall limits of disturbance areas are subject to refinements.

United States Geological Survey Mapping depicting the locations of the described Project facilities can be found in Attachment B. The draft large project PNDI review receipt is located within Attachment C. GIS shapefiles have been uploaded as part of the PNDI Online submission. A compact disc, as well as hard copies of this correspondence have been sent via U.S. mail to the USFWS. Within the shapefiles, attribute information is included that provides the unique identifiers to the features shown on the mapping.

Should the Project, as presented, indicate the need for species-specific field studies or indicate other Project considerations, please provide a response outlining those requirements.

If you have any questions regarding this correspondence and information request, or require additional Project information, please do not hesitate to call me at (713) 215-4232 or contact me via e-mail at karen.olson@Williams.com. Alternatively, you can contact Ryan Nelson, Senior Project Manager at WHM Consulting, LLC at (814) 689-1650 or via e-mail at ryann@whmgroup.com. I appreciate your assistance and thank you for your attention to this request.

Respectfully submitted,

TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC



Karen Olson
Environmental Specialist

Attachments: Attachment A: PA Natural Diversity Index – Project Map
 Attachment B: Topographic Project Location Maps
 Attachment C: Draft Large Project PNDI Review Receipt

cc: Josh Henry, Transco
 Ryan Nelson, WHM Consulting, LLC

1. PROJECT INFORMATION

Project Name: **Regional Energy Access Project**

Date of Review: **1/31/2020 04:22:44 PM**

Project Category: **Energy Storage, Production, and Transfer, Energy Transfer, Pipeline (e.g., gas, oil) -- NEW (construction of new line in a new location)**

Project Area: **1,230.86 acres**

County(s): **Delaware; Luzerne; Monroe; Northampton; Wyoming; York**

Watersheds HUC 8: **Lehigh; Lower Delaware; Lower Susquehanna; Middle Delaware-Mongaup-Brodhead; Middle Delaware-Musconetcong; Upper Susquehanna-Lackawanna; Upper Susquehanna-Tunkhannock**

Watersheds HUC 12: **Abrahams Creek; Bear Creek; Buckhorn Creek-Delaware River; Buckwha Creek; City of Wilkes-Barre-Mill Creek; City of Wilkes-Barre-Susquehanna River; Fishing Creek-Muddy Creek; Headwaters Pohopoco Creek; Leonard Creek; Lower McMichael Creek; Mud Run; Obendoffers Creek-Susquehanna River; Repaupo Creek-Delaware River; Toby Creek; Tunkhannock Creek; Upper McMichael Creek; Wright Creek-Lehigh River**

Decimal Degrees: **41.291177, -75.809374**

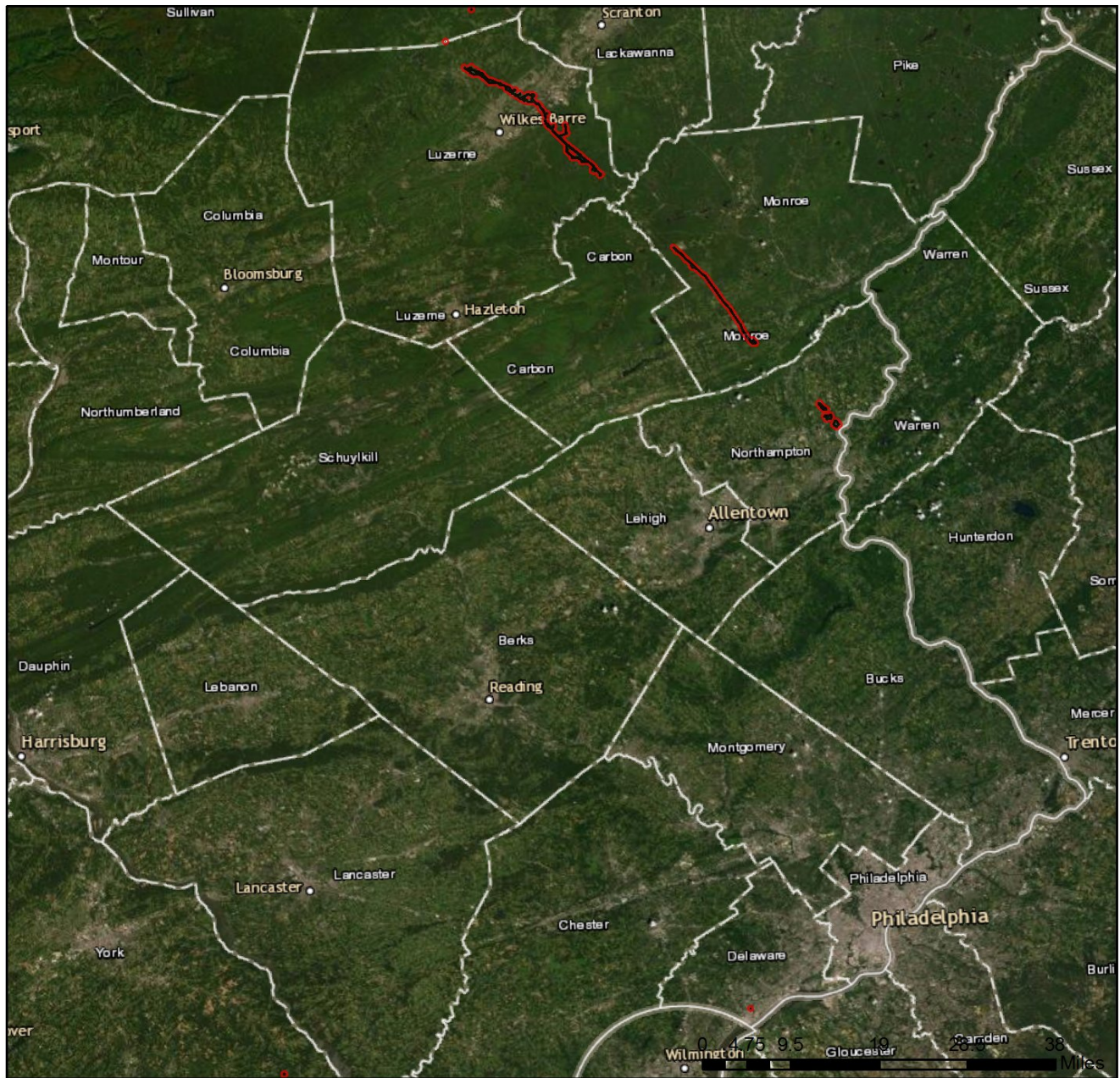
Degrees Minutes Seconds: **41° 17' 28.2376" N, 75° 48' 33.7465" W**

2. SEARCH RESULTS - LARGE PROJECT

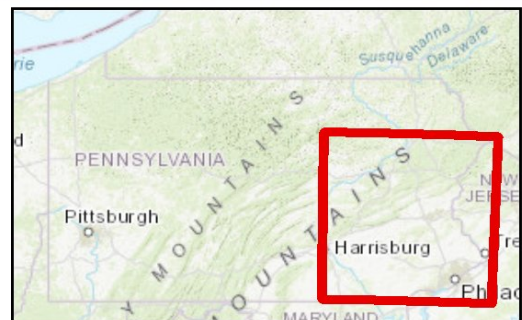
Agency	Results	Response
PA Game Commission	Potential Impact	FURTHER REVIEW IS REQUIRED, See Agency Response
PA Department of Conservation and Natural Resources	Potential Impact	FURTHER REVIEW IS REQUIRED, See Agency Response
PA Fish and Boat Commission	Potential Impact	FURTHER REVIEW IS REQUIRED, See Agency Response
U.S. Fish and Wildlife Service	Potential Impact	FURTHER REVIEW IS REQUIRED, See Agency Response

Large Project. The project area is greater than 10 miles and/or 5,165 acres and therefore is categorized as a Large Project, and is not analyzed by the PNDI tool. Coordination is therefore required with the four jurisdictional agencies to determine if potential impacts to threatened and endangered and/or special concern species and resources within the project area. Please see the DEP Information section of the receipt if a PA Department of Environmental Protection Permit is required.

Regional Energy Access Project

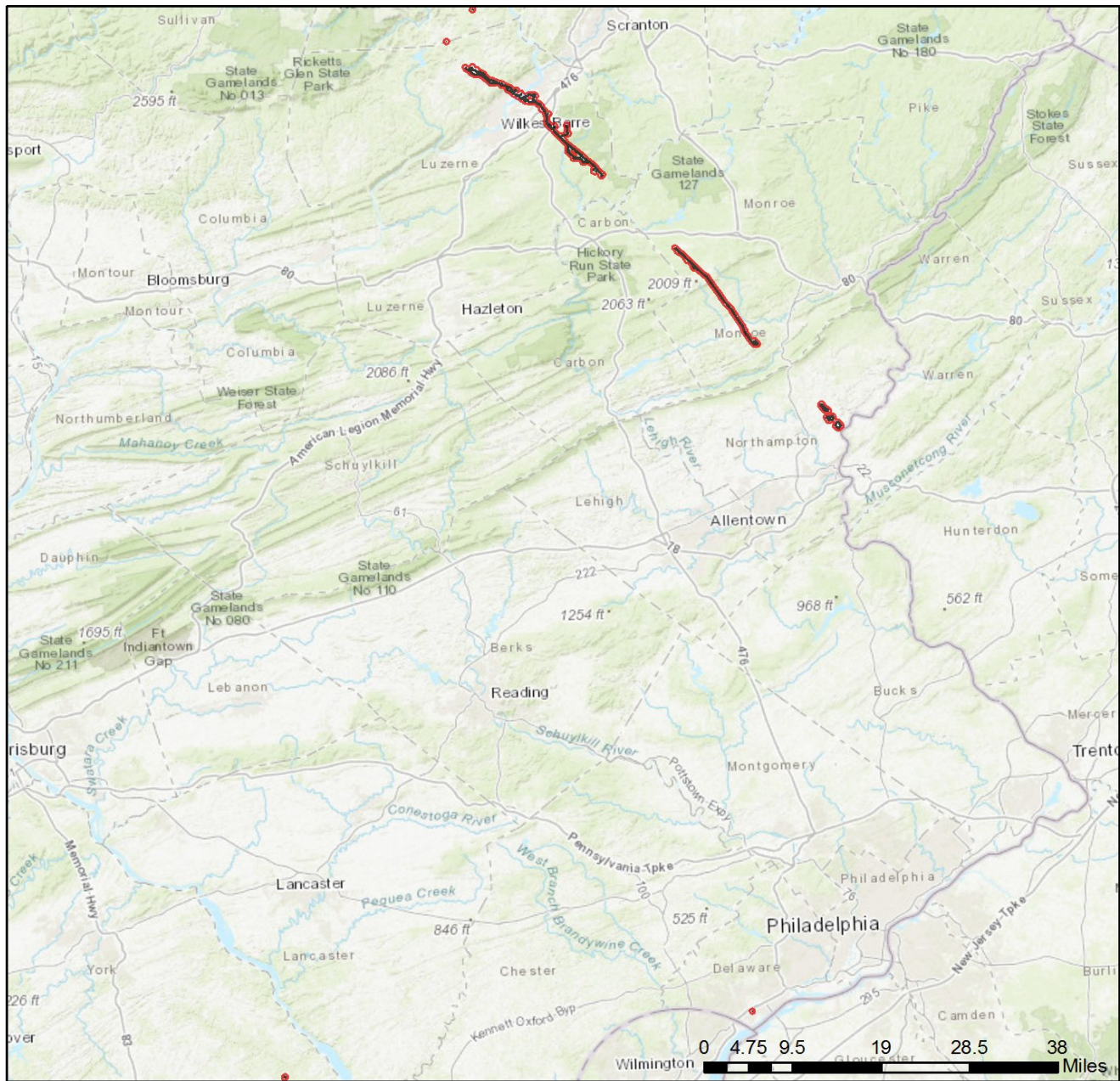


- Project Boundary
- Buffered Project Boundary

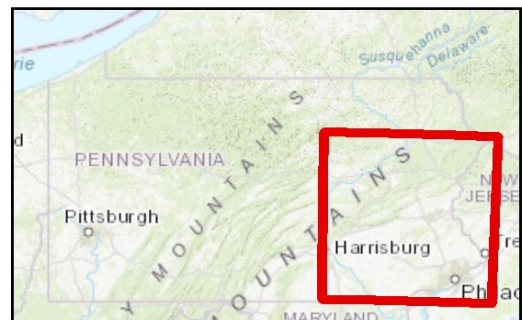


Service Layer Credits: Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community
 Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community

Regional Energy Access Project



- 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
 Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS,

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).

PA Department of Conservation and Natural Resources

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).

PA Fish and Boat 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).

U.S. Fish and Wildlife Service

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).

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>.

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

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 Fish and Boat Commission

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

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: Karen Olson
Company/Business Name: Williams - Transcontinental Gas Pipeline Company, LLC
Address: 2800 Post Oak Blvd, Level 11
City, State, Zip: Houston, TX 77056
Phone: (713) 215-4232 Fax: (713) 215-2222
Email: karen.olson@williams.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.



01/31/2020

applicant/project proponent signature

date



Transcontinental Gas Pipe Line Company, LLC
2800 Post Oak Boulevard, Level 11
Houston, Texas 77056

September 4, 2020

**Re: Updated PNDI Search ID: PNDI 702499
Transcontinental Gas Pipe Line Company, LLC
Regional Energy Access Expansion Project**

To Whom it May Concern:

Transcontinental Gas Pipe Line Company, LLC (Transco) is providing an update to the original PNDI online Large Project Review for the Regional Energy Access Expansion (REAE) Project (Project) submitted on January 31, 2020. This update provides additional details since the previous submission.

The following is a list of the agency unique identifiers for the Project:

Pennsylvania Game Commission – PGC ID# 202002030501
Pennsylvania Fish and Boat Commission – SIR# 52530
Pennsylvania Department of Conservation of Natural Resources – PNDI# 702499
United States Fish and Wildlife Service – Project # 2020-0592

Since the previous submission, the Project name has been updated from the Regional Energy Access Project to the Regional Energy Access Expansion Project.

The summary table below outlines the location of Project components in Pennsylvania. A column has been added to this table to reflect general updates since the previous submission.

<u>Table 1. Project Facility Summary Table</u>			
Project Component	County	Project Locations Map	Update Summary
<u>Pipeline Components</u>			
Proposed 30" Regional Energy Lateral	Luzerne	REL 1-4	Revised Proposed Route
Proposed 42" Leidy D Effort Loop	Monroe	EL1 – EL3	Minor route adjustments
<u>Compressor Station Components</u>			
Existing Compressor Station 195	York	CS195-1	No Changes
Existing Compressor Station 200	Chester	CS200-1	New Project Component
Existing Compressor Station 515	Luzerne	CS515-1	Contractor Yard Added

Table 1. Project Facility Summary Table			
Proposed Compressor Station 510	Northampton	N/A	Removed from the Project
<u>Aboveground Ancillary Facilities</u>			
Hildebrandt/Lower Demunds REL Tie-Ins and Chapin 2 Interconnect	Luzerne	HLD-1	Revised naming
Existing Carverton Meter Station	Luzerne	CARV-1	No Changes
Existing Chester Meter Station	Chester	CMS-DEL-1	New Project Component
Existing Chapin Meter Station	Wyoming	CMS-WY-1	No Changes
Existing Puddlefield Meter Station	Wyoming	PMS-1	No Changes
Existing Post Road M&R	Delaware	PRMR-1	New Project Component
Proposed Chester Regulation	Delaware	CMS-DEL-1	New Project Component
Existing Delaware Regulator/Lower Mud Run Meter Station	Northampton	DEL/LMR-1	No Changes
Existing Mainline "A" Regulator	Bucks	MLA-1	New Project Component

The following Project information provides further detail on the Project Components listed above.

Project Components

- Regional Energy Lateral - Approximately 22 miles of 30-inch-diameter pipeline, both co-located pipeline along the existing Transco Leidy pipeline system and greenfield pipeline, in Luzerne County, PA;
 - The previously provided preliminary route alternatives have been removed and the current route is provided.
 - Route adjustments have been incorporated into the current alignment
- Effort Loop - Approximately 14 miles of 42-inch-diameter pipeline looping the existing Transco Leidy pipeline system in Monroe County, PA;
 - Some minor route adjustments have been incorporated into the current alignment
- Existing Compressor Station 195 – Modifications will include additional horsepower at an existing Compressor Station in York County. No earth disturbance is being proposed for the modification
 - No changes have been proposed
- Existing Compressor Station 200 – Modifications will connect existing Transco Mainline A into suction to support south flow
 - This facility was not previously included with the original PNDI Submission
- Existing Compressor Station 515 – Additional horsepower and facility modifications at an existing Compressor Station in Luzerne County, PA located adjacent to the existing Leidy pipeline system;
 - Addition of one gas-fired turbine drive compressor with approximately 31,871 HP and modifications of the existing compressors to support new project flow

- Abandon and replace approximate 17,000 HP from five existing gas-fired reciprocator driven compressors with one gas-fired turbine driver compressor with approximately 19,502 HP.
- Replacement of communication tower at Compressor Station 515. The new communication tower will be freestanding (e.g. not supported by guy wires) and approximately 380 feet high. The existing communication tower is 357 feet high and supported with guy wires. Lighting from the existing communication tower will be re-purposed and is in compliance with Federal Aviation Administration (FAA) requirements.
- A contractor yard associated with this facility has been included.
- Aboveground Ancillary Facilities – Modifications or additions of receipt and delivery meter stations, valve sites, and regulator stations along the proposed pipeline routes and along Transco's existing pipeline system.
 - Four new project components have been added since the previous submission, as noted in the above table.

Revised Project location mapping is located within Attachment A of this submission. GIS shapefiles have been uploaded as part of the PNDI Online submission. A hard copy of this correspondence have been sent via U.S. mail to the USFWS.

Should the Project, as presented, indicate the need for additional species-specific field studies from what was previously requested or indicate other Project considerations, please provide a response outlining those requirements.

If you have any questions regarding this correspondence and information request, or require additional Project information, please do not hesitate to call me at (713) 215-4232 or contact me via e-mail at karen.olson@Williams.com. Alternatively, you can contact Ryan Nelson, Senior Project Manager at WHM Consulting, LLC at (814) 689-1650 or via e-mail at ryann@whmgroup.com. I appreciate your assistance and thank you for your attention to this request.

Respectfully submitted,

TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC



Karen Olson
Environmental Specialist

Attachments: Attachment A: Project Location Maps

cc: Josh Henry, Transco
Ryan Nelson, WHM Consulting, LLC

1. PROJECT INFORMATION

Project Name: **Regional Energy Access Project**

Date of Review: **9/8/2020 11:03:49 AM**

Project Category: **Energy Storage, Production, and Transfer, Energy Transfer, Pipeline (e.g., gas, oil) -- NEW (construction of new line in a new location)**

Project Area: **483.85 acres**

County(s): **Bucks; Chester; Delaware; Luzerne; Monroe; Northampton; Wyoming; York**

Watersheds HUC 8: **Brandywine-Christina; Lehigh; Lower Delaware; Lower Susquehanna; Middle Delaware-Mongaup-Brodhead; Middle Delaware-Musconetcong; Schuylkill; Upper Susquehanna-Lackawanna; Upper Susquehanna-Tunkhannock**

Watersheds HUC 12: **Abrahams Creek; Bear Creek; Buck Creek-Delaware River; Buckhorn Creek-Delaware River; Buckwha Creek; City of Wilkes-Barre-Mill Creek; City of Wilkes-Barre-Susquehanna River; Fishing Creek-Muddy Creek; Headwaters Pohopoco Creek; Leonard Creek; Little Valley Creek-Valley Creek; Lower Bowman Creek; Lower McMichael Creek; Mud Run; Obendorfers Creek-Susquehanna River; Oldmans Creek-Delaware River; Repaupo Creek-Delaware River; Toby Creek; Tunkhannock Creek; Upper McMichael Creek; Valley Creek; Wright Creek-Lehigh River**

Decimal Degrees: **41.293788, -75.808780**

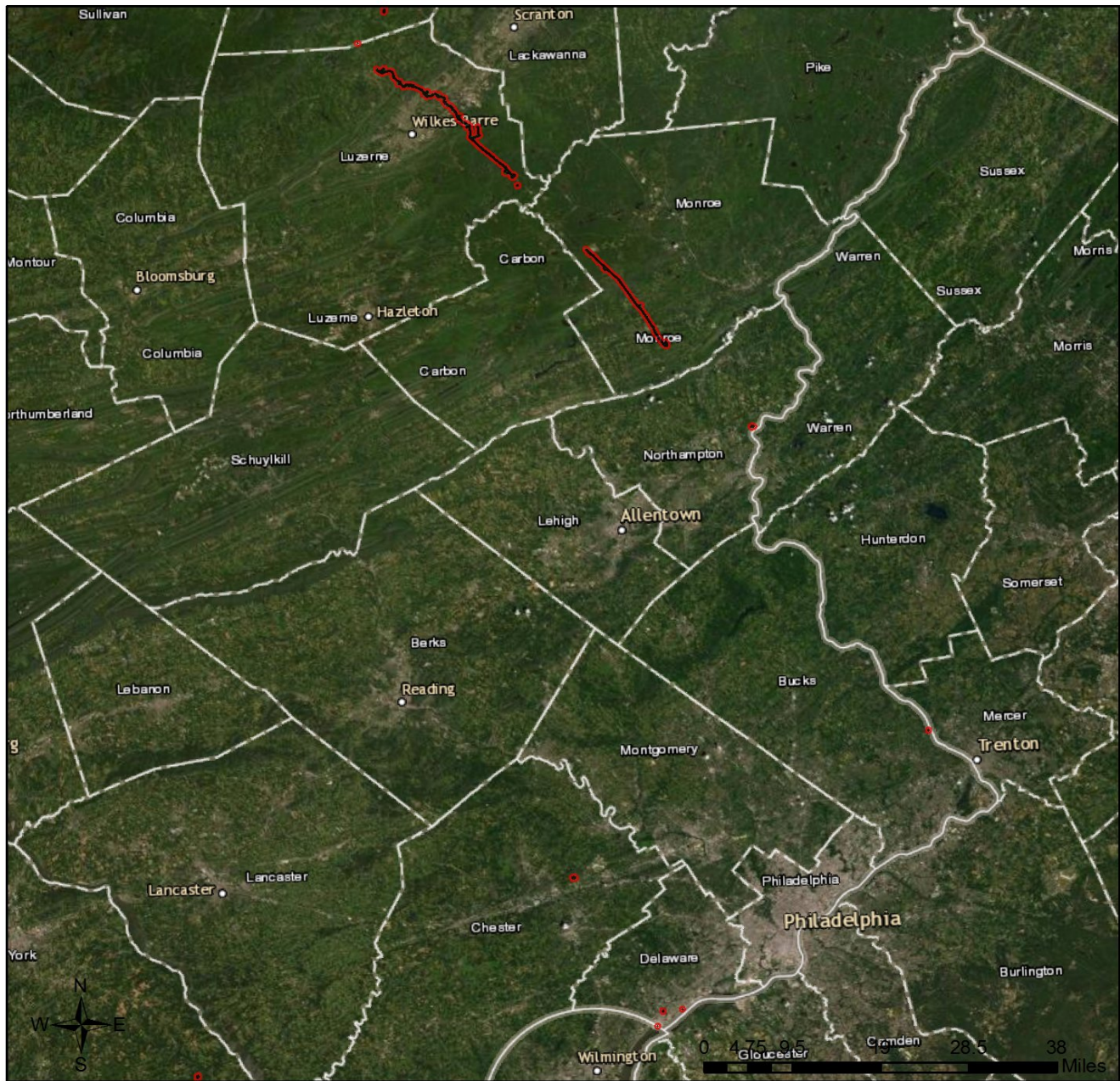
Degrees Minutes Seconds: **41° 17' 37.6351" N, 75° 48' 31.6082" W**

2. SEARCH RESULTS - LARGE PROJECT

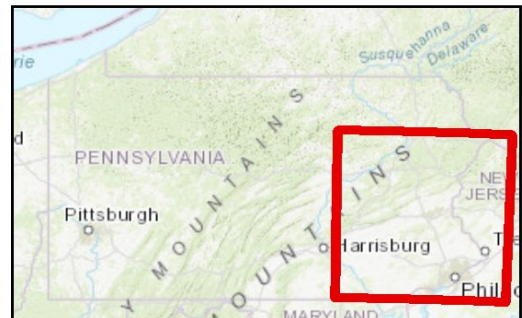
Agency	Results	Response
PA Game Commission	Potential Impact	FURTHER REVIEW IS REQUIRED, See Agency Response
PA Department of Conservation and Natural Resources	Potential Impact	FURTHER REVIEW IS REQUIRED, See Agency Response
PA Fish and Boat Commission	Potential Impact	FURTHER REVIEW IS REQUIRED, See Agency Response
U.S. Fish and Wildlife Service	Potential Impact	FURTHER REVIEW IS REQUIRED, See Agency Response

Large Project. The project area is greater than 10 miles and/or 5,165 acres and therefore is categorized as a Large Project, and is not analyzed by the PNDI tool. Coordination is therefore required with the four jurisdictional agencies to determine if potential impacts to threatened and endangered and/or special concern species and resources within the project area. Please see the DEP Information section of the receipt if a PA Department of Environmental Protection Permit is required.

Regional Energy Access Project

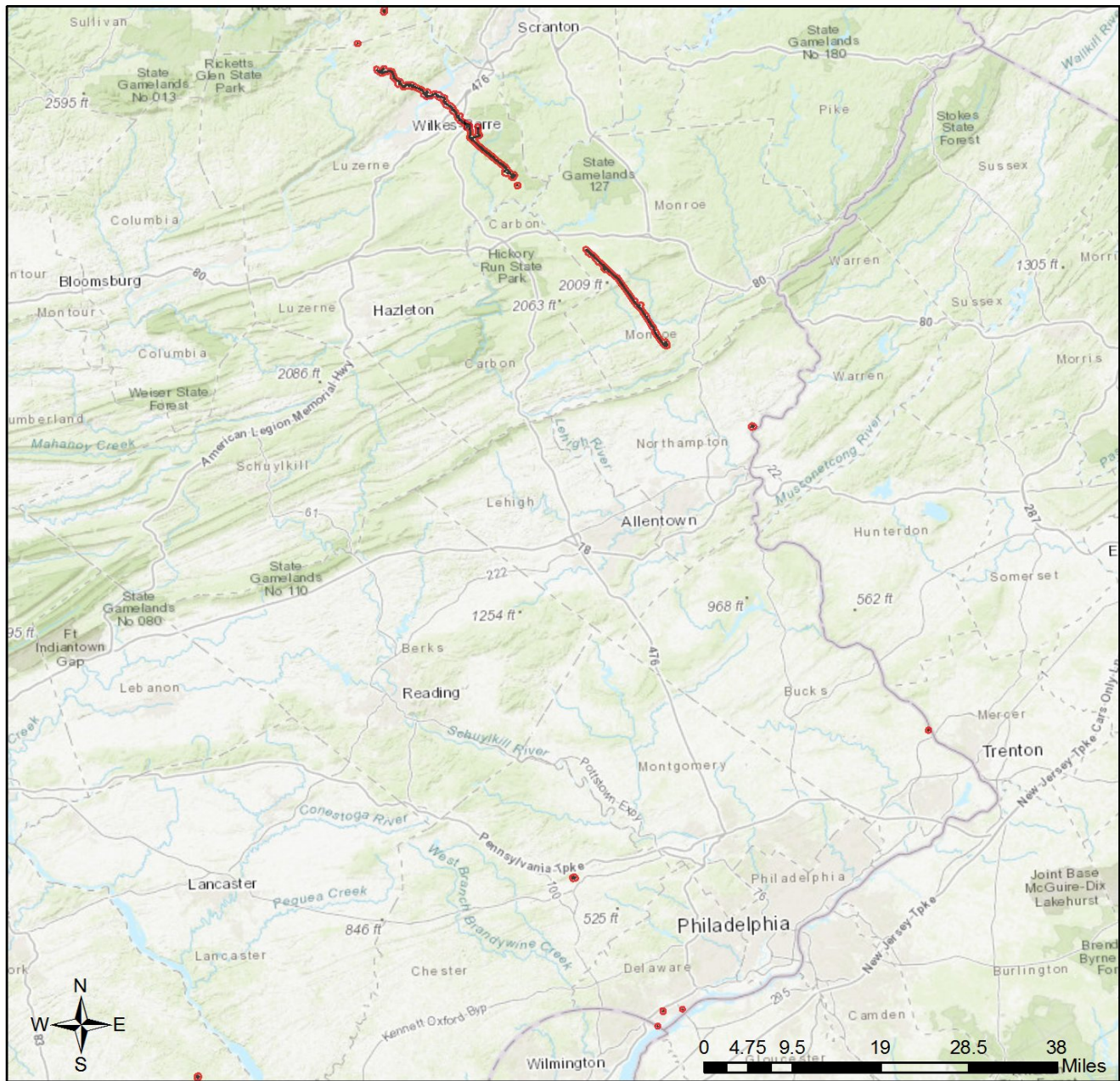


- Project Boundary
- Buffered Project Boundary



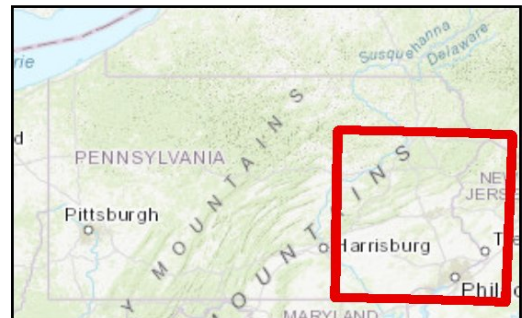
Service Layer Credits: Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community
Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China

Regional Energy Access Project



- Project Boundary
- Buffered Project Boundary

Service Layer Credits: Sources: Esri, HERE, Garmin, Intemap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, 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:

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).

PA Department of Conservation and Natural Resources

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).

PA Fish and Boat 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).

U.S. Fish and Wildlife Service

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).

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>.

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 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: Ryan Nelson
Company/Business Name: WHM Consulting, LLC
Address: 2525 Green Tech Drive; Suite B
City, State, Zip: State College, PA 16803
Phone: (814) 689-1650 Fax: ()
Email: ryann@whmgroup.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.

Ryan Nelson
applicant/project proponent signature

09/04/2020
date