

From: [Hogue, Kate](#)
To: lm760@verizon.net
Cc: [Ayers, Brian](#)
Subject: Auth 1577278 123-49193, 123-49192, 123-49191
Date: Friday, August 7, 2026 3:03:00 PM
Attachments: [Auth 1577278 123-49193.pdf](#)
[image001.png](#)
[Auth 1577282 123-49192.pdf](#)
[Auth 1577283 123-49191.pdf](#)
[Well Permit Cover Letter \(conventional\) 1-12-23.pdf](#)

Operator,

The Department of Environmental Protection has completed the review of the applications corresponding to the attached permits.

The department hereby approves the permits to drill and operate the wells pursuant to applicable laws and regulations for this activity and to specific conditions of the individual permits.

The cover letter for these permits is also attached.

This information can also be viewed on our website, at the Oil and Gas Mapping tool: <https://www.dep.state.pa.us/PaOilAndGasMapping/>

Thanks,
Kate



Kate Hogue | Clerical Supervisor II
Department of Environmental Protection | District Oil and Gas Operations

Northwest District Office
230 Chestnut Street | Meadville, PA 16335
Office: 814.332.6868
Emergency: 800.541.2050
dep.pa.gov

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**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS MANAGEMENT PROGRAM**

WELL PERMIT RENEWAL

DEP USE ONLY	
Permittee's eFACTS ID 264776	Auth ID 1577283
Watershed Name	Quality

Permittee LINDELL & MANEY, LLC		OGO.# OGO-67285	Permit Number 37-123-49191-00-00	Date Issued 08/06/2026 Date Effective 08/01/2026
Address 760 BEECH ST		Farm Name & Well Number MUSANTE M 24		Well Serial #
		Municipality Brokenstraw Twp		County Warren
WARREN, PA 16365-3670		7½' Quadrangle Name Youngsville		Map Section # 5
Phone (814) 726-2224	Project #		Latitude 41-49-40.5400	Longitude -79-17-34.5200
Surf Elev at Site 1431 feet	Anticipated Maximum TVD 1575 feet	Well Type OL	Offset distances referenced to NE corner of map section. South 1970 feet West 342 feet	

This permit covering the well operator and well location shown above is evidence of permission granted to conduct activities in accordance with the Oil and Gas Act and the Oil and Gas Conservation Law, if the well is subject to that act and any rules and regulations promulgated thereunder, subject to the conditions contained herein and in accordance with the application submitted for this permit. This permit does not convey any property rights.

This permit and the permittee's authority to conduct the activities authorized by this permit are conditioned upon operator's compliance with applicable law and regulations.

Notification must be given to the district oil and gas inspector, the surface landowner and political subdivision of the date well drilling will begin at least 24 hours prior to commencement of drilling activities.

The permittee hereby authorizes and consents to allow, without delay, employees or agents of the Department to have access to and to inspect all areas upon presentation of appropriate credentials, without advance notice or a search warrant. This includes any property, facility, operation or activity governed by the Oil and Gas Act, the Oil and Gas Conservation Law, the Coal and Gas Resource Coordination Act and other statutes applicable to oil and gas activities administered by the Department. The authorization and consent shall include consent to the Department to collect samples of wastewaters or gases, to take photographs, to perform measurements, surveys, and other tests, to inspect any monitoring equipment, to inspect the methods of operation and disposal, and to inspect and copy documents required by the Department to be maintained. The authorization and consent includes consent to the Department to examine books, papers, and records pertinent to any matter under investigation pursuant to the Oil and Gas Act or pertinent to a determination of whether the operator is in compliance with the above referenced statutes. This condition in no way limits any other powers granted to the Department under the Oil and Gas Act and other statutes, rules and regulations applicable to these activities as administered by the Department.

This permit does not relieve the operator from the obligation to comply with the Clean Streams Law and all statutes, rules and regulations administered by the Department.

Special Permit Conditions:

1) This permit is conditioned upon the well operator obtaining all appropriate approvals, including local, municipal, and zoning approvals, and any revision or modification of those approvals.

2) Contact the Inspector at least 24 hours prior to commencing any frac/stimulation procedures.

AWM1 (for "dusting" not land application)

3) The Operator shall comply with the following:

a. Notify their local Oil and Gas Inspector three days prior to dusting.

b. Drill cuttings shall remain on the well site they are generated and shall not be dispersed off-site via air, surface water, or groundwater.

c. All isolation distances identified in 25 Pa. Code § 78.60 – 78.63 are applicable.

d. Drill cuttings may be disposed of in a pit, without contact with season high ground water.

e. Upon well completion, the pit shall be backfilled and graded to promote runoff. The stability of the backfilled pit shall be compatible with surrounding area and the pit area shall be revegetated to stabilize surface soil.

f. Land application may only occur on the cleared well pad area and the drill cuttings shall be spread and incorporated to a depth of at least 6 inches and revegetated to stabilize surface soil.

g. No land application shall occur if the ground is frozen or saturated.

4) No tree cutting during the Northern long-eared bat Summer Occupancy season between April 1 and September 30

This permit expires **08/01/2027** unless drilling is commenced on or before that date and prosecuted with due diligence.

Thomas Donohue 8/6/26
Subsurface Permits Environmental Program Manager

ERIC WYMER

PO BOX 669
KNOX, PA 16232

814-573-3588

Oil & Gas Inspector

Address

Phone Number

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS MANAGEMENT

RECEIVED

JUL 17 2026

PA DEP
Northwest Regional OfficeAFFIDAVIT
REQUEST FOR CONVENTIONAL WELL PERMIT RENEWAL

Reviewed SGP 8/4/26

Fee: \$400
Auth: 1577283
7/21/2026 kh

COMMONWEALTH OF PENNSYLVANIA

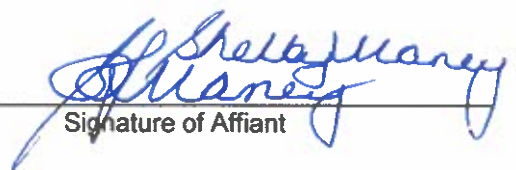
COUNTY Warren

LM 7/30/26

*see corrections on next page

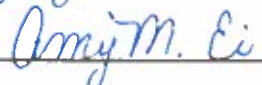
Before me, the undersigned notary public, this day personally appeared Shelby Maney, GM
of Lindell & Maney, LLC to me known, who being duly sworn
according to law, deposes and says: that he/she has examined a certain *Permit Application for Drilling or*
*Altering a Well for the Musante Farm # M-24 ** well, that the information on the
original application is still accurate and complete, that the well location restrictions are still met, and that
the surface owners, coal operators, owners, lessee of any coal seams, the municipality where the well is located
and adjacent municipalities, storage operator within 3,000 feet and surface landowners and water
purveyors with water supplies within 1,000 feet have been notified of this request for renewal by certified,
return receipt mail. The results of the current PNDI search performed on 04/04/2024*, are the same as the
original search result.

Well Permit No. 37-123-49191 was issued on 08/01/2025 and expires on 08/01/2026, Request is hereby made for
a one-year extension of the permit.


Signature of Affiant

Subscribed and sworn to before me this 17th
day of July 2026


Commonwealth of Pennsylvania - Notary Seal
Amy M. Ei, Notary Public
Warren County
My commission expires November 22, 2029
Commission number 1044992
Member, Pennsylvania Association of Notaries


Notary Public

LM 7/30/26



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS MANAGEMENT

**AFFIDAVIT
REQUEST FOR CONVENTIONAL WELL PERMIT RENEWAL**

COMMONWEALTH OF PENNSYLVANIA

COUNTY Warren

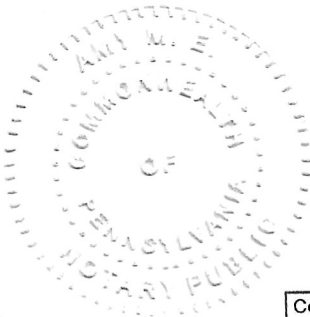
Before me, the undersigned notary public, this day personally appeared Shelby Maney, GM
of Lindell & Maney, LLC to me known, who being duly
sworn according to law, deposes and says: that he/she has examined a certain *Permit Application for Drilling or
Altering a Well* for the Musante # M-24 well, that the information on the
original application is still accurate and complete, that the well location restrictions are still met, and that
the surface owners, coal operators, owners, lessee of any coal seams, the municipality where the well is located
and adjacent municipalities, storage operator within 3,000 feet and surface landowners and water
purveyors with water supplies within 1,000 feet have been notified of this request for renewal by certified,
return receipt mail. The results of the current PNDI search performed on 07/22/2026, are the same as the
original search result.
Well Permit No. 37-123-49191 was issued on 08/01/2025 and expires on 08/01/2026.

Request is hereby made for a one-year extension of the permit.

Shelby Maney
Signature of Affiant

Subscribed and sworn to before me this 27th
day of July 20 26

Amy M. Ei
Notary Public



Commonwealth of Pennsylvania - Notary Seal
Amy M. Ei, Notary Public
Warren County
My commission expires November 22, 2029
Commission number 1044992
Member, Pennsylvania Association of Notaries



**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS MANAGEMENT PROGRAM**

DEP USE ONLY	
Permittee's eFACTS ID 264776	Auth ID 1632248
Watershed Name	Quality

WELL PERMIT

Permittee LINDELL & MANEY, LLC		OGO.# OGO-67285	Permit Number 37-123-49191-00-00	Date Issued 08/01/2025
Address 760 BEECH ST		Farm Name & Well Number MUSANTE M 24		Well Serial #
		Municipality Brokenstraw Twp	County Warren	
WARREN, PA 16365-3670		7½' Quadrangle Name Youngsville		Map Section # 5
Phone (814) 726-2224	Project #		Latitude 41-49-40.5400	Longitude -79-17-34.5200
Surf Elev at Site 1431 feet	Anticipated Maximum TVD 1575 feet	Well Type OL	Offset distances referenced to NE corner of map section. South 1970 feet West 342 feet	

This permit covering the well operator and well location shown above is evidence of permission granted to conduct activities in accordance with the Oil and Gas Act and the Oil and Gas Conservation Law, if the well is subject to that act and any rules and regulations promulgated thereunder, subject to the conditions contained herein and in accordance with the application submitted for this permit. This permit does not convey any property rights.

This permit and the permittee's authority to conduct the activities authorized by this permit are conditioned upon operator's compliance with applicable law and regulations.

Notification must be given to the district oil and gas inspector, the surface landowner and political subdivision of the date well drilling will begin at least 24 hours prior to commencement of drilling activities.

The permittee hereby authorizes and consents to allow, without delay, employees or agents of the Department to have access to and to inspect all areas upon presentation of appropriate credentials, without advance notice or a search warrant. This includes any property, facility, operation or activity governed by the Oil and Gas Act, the Oil and Gas Conservation Law, the Coal and Gas Resource Coordination Act and other statutes applicable to oil and gas activities administered by the Department. The authorization and consent shall include consent to the Department to collect samples of wastewaters or gases, to take photographs, to perform measurements, surveys, and other tests, to inspect any monitoring equipment, to inspect the methods of operation and disposal, and to inspect and copy documents required by the Department to be maintained. The authorization and consent includes consent to the Department to examine books, papers, and records pertinent to any matter under investigation pursuant to the Oil and Gas Act or pertinent to a determination of whether the operator is in compliance with the above referenced statutes. This condition in no way limits any other powers granted to the Department under the Oil and Gas Act and other statutes, rules and regulations applicable to these activities as administered by the Department.

This permit does not relieve the operator from the obligation to comply with the Clean Streams Law and all statutes, rules and regulations administered by the Department.

Special Permit Conditions:

- 1) This permit is conditioned upon the well operator obtaining all appropriate approvals, including local, municipal, and zoning approvals, and any revision or modification of those approvals.
- 2) Contact the Inspector at least 24 hours prior to commencing any frac/stimulation procedures.

AWM1 (for "dusting" not land application)

The Operator shall comply with the following:

1. Notify their local Oil and Gas Inspector three days prior to dusting.
2. Drill cuttings shall remain on the well site they are generated and shall not be dispersed off-site via air, surface water, or groundwater.
3. All isolation distances identified in 25 Pa. Code § 78.60 – 78.63 are applicable.
4. Drill cuttings may be disposed of in a pit, without contact with season high ground water.
5. Upon well completion, the pit shall be backfilled and graded to promote runoff. The stability of the backfilled pit shall be compatible with surrounding area and the pit area shall be revegetated to stabilize surface soil.
6. Land application may only occur on the cleared well pad area and the drill cuttings shall be spread and incorporated to a depth of at least 6 inches and revegetated to stabilize surface soil.
7. No land application shall occur if the ground is frozen or saturated.

This permit expires **08/01/2026** unless drilling is commenced on or before that date and prosecuted with due diligence.

Susan Price for Thomas Donohue 8/01/2025

Subsurface Permits Environmental Program Manager

ERIC WYMER

310 BEST AVE
KNOX, PA 16232

814-573-3588

Oil & Gas Inspector

Address

Phone Number

DUPLICATE

1. PROJECT INFORMATION

Project Name: **L & M Musante Lease 2024**

Date of Review: **7/22/2026 12:07:21 PM**

Project Category: **Energy Storage, Production, and Transfer, Energy Production (generation), Oil or Gas - new wells, expansion of well field**

Project Area: **22.70 acres**

County(s): **Warren**

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

ZIP Code:

Quadrangle Name(s): **YOUNGSVILLE**

Watersheds HUC 8: **Middle Allegheny-Tionesta**

Watersheds HUC 12: **Stewards Island-Allegheny River**

Decimal Degrees: **41.828538, -79.293669**

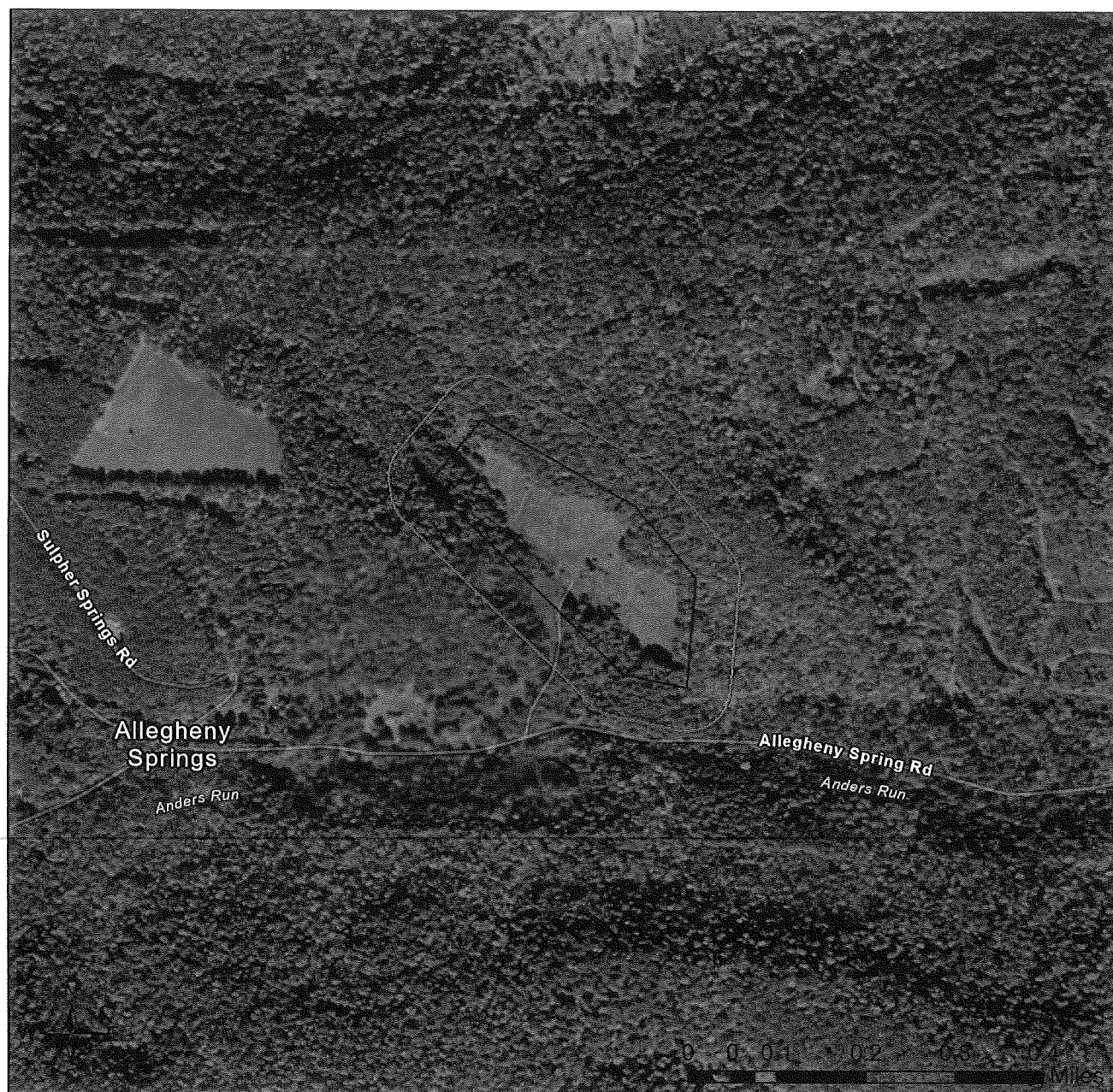
Degrees Minutes Seconds: **41° 49' 42.7378" N, 79° 17' 37.2068" W**

2. SEARCH RESULTS

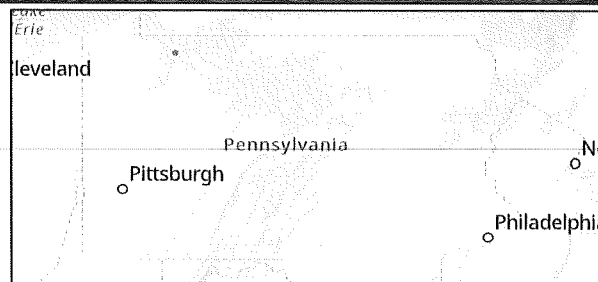
Agency	Results	Response
PA Game Commission	Conservation Measure	No Further Review Required, See Agency Comments
PA Department of Conservation and Natural Resources	No Known Impact	No Further Review Required
PA Fish and Boat Commission	No Known Impact	No Further Review Required
U.S. Fish and Wildlife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

L & M Musante Lease 2024

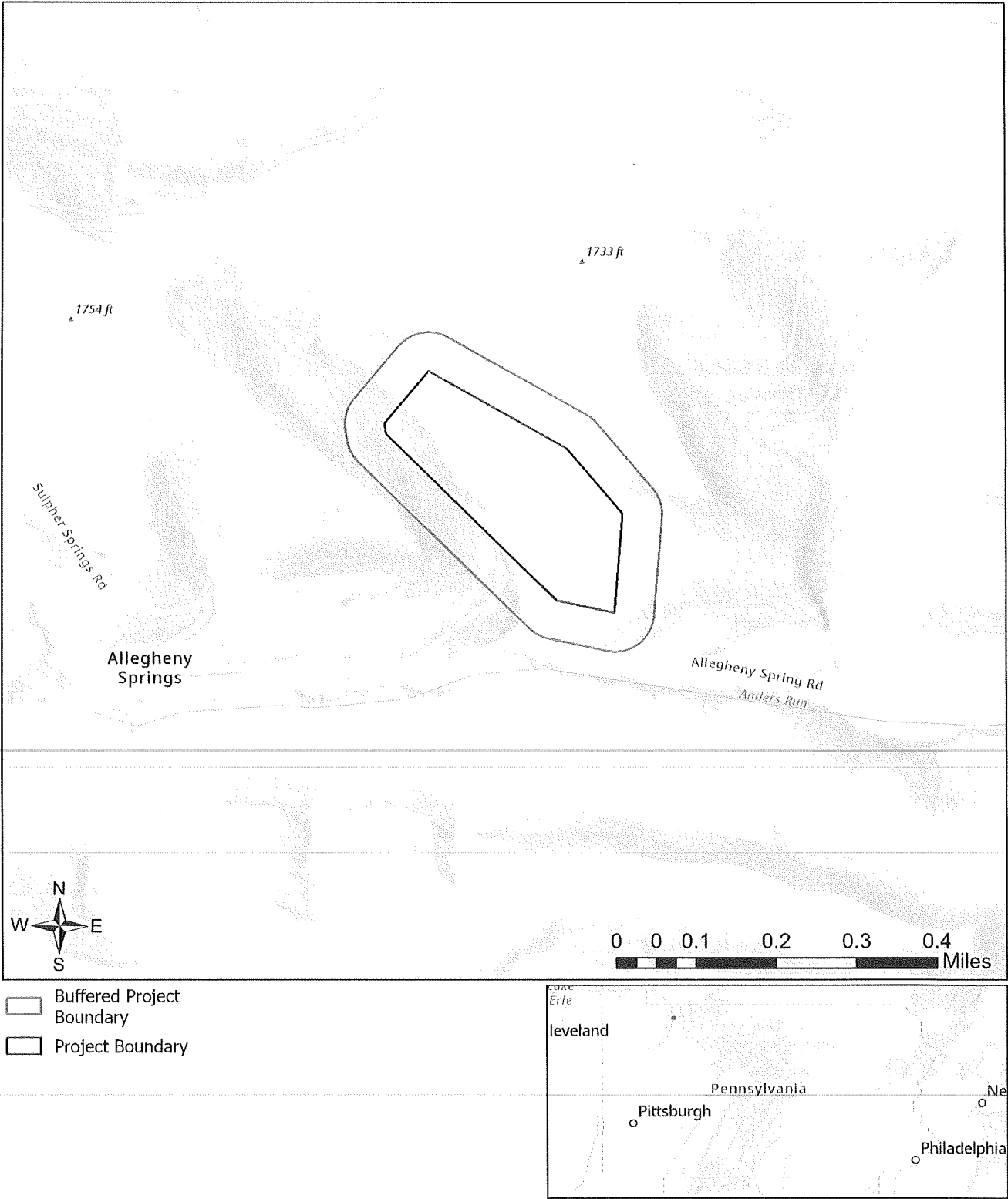


-  Buffered Project Boundary
-  Project Boundary



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

L & M Musante Lease 2024



Sources: Esri, Vantor, 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: Will the action include disturbance to trees such as tree cutting (or other means of knocking down, or bringing down trees, tree topping, or tree trimming), pesticide/herbicide application or prescribed fire?

Your answer is: Yes

Q2: Does the action area contain any caves (or associated sinkholes, fissures, or other karst features), mines, rocky outcroppings, culverts, or tunnels that could provide habitat for hibernating bats?

Your answer is: No

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:

Information Request: Your project is within the range of the federally listed northern long-eared bat. Enter project information into IPaC (<http://ecos.fws.gov/ipac/>). Follow the step-by-step process to review this project's potential effect on federally listed species. For step-by-step instructions, please see our Project Review Page (<https://www.fws.gov/office/pennsylvania-ecological-services/project-revi...>)

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 submit their project using IPaC, following the [USFWS Project Submission](#) Instructions. USFWS will not accept or review project materials uploaded via the Conservation Explorer.

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

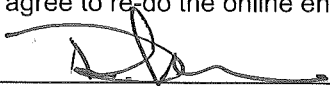
Bureau of Wildlife Management
Division of Environmental Review
2001 Elmerton Avenue, Harrisburg, PA 17110-9797
Email: RA-PGC_PNDI@pa.gov
NO Faxes Please

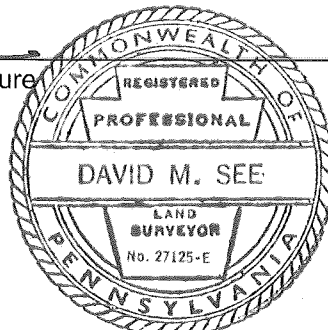
7. PROJECT CONTACT INFORMATION

Name: DAVID M. SEE
Company/Business Name: DAVID SEE SURVEYORS, LLC
Address: P.O. BOX 1704
City, State, Zip: WARREN, PA 16365
Phone: (814) 723-7522 Fax: ()
Email: DAVID@GEOMETRONICS.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



July 22, 2026
date

David See

From: Ernst, Emily E <emily_ernst@fws.gov>
Sent: Tuesday, July 28, 2026 12:36 PM
To: David See
Subject: Re: [EXTERNAL] PNDI- 868594

Hi David,

You have reached NLAA and No Effect for all of your species, therefore your dkey letters serve as the official USFWS response and no further coordination is necessary.

Coordination for proposed species like the monarch butterfly is only necessary if a Federal action agency determines the proposed action will jeopardize the continued existence of the species. The Endangered Species Act does not require non-federal project proponents to address proposed species other than to be aware that the proposed species could be listed during the duration of the project.

If your DEP has any questions about your Endangered Species Act compliance, they are free to contact me directly.

Emily Ernst

Fish & Wildlife Biologist

U.S. Fish and Wildlife Service

Pennsylvania Field Office

110 Radnor Road, Suite 101

State College, PA 16801

emily_ernst@fws.gov

814-298-4488

<https://www.fws.gov/office/pennsylvania-ecological-services>



From: David See <david@geometronics.com>
Sent: Monday, July 27, 2026 2:20 PM
To: Ernst, Emily E <emily_ernst@fws.gov>
Subject: RE: [EXTERNAL] PNDI- 868594

Emily,

Took a while to find the right buttons. Attached is the Determination Letter for your review of the two species that pertain to this project.

Please let me know your thoughts afterwards by email or txt.



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) 298-4396



In Reply Refer To:
Project code: 2026-0121359
Project Name: PNDI 868594

07/27/2026 13:44:55 UTC

Federal Nexus: no
Federal Action Agency (if applicable):

Subject: Technical assistance for 'PNDI 868594'

Dear David See:

This letter records your determination using the Information for Planning and Consultation (IPaC) system provided to the U.S. Fish and Wildlife Service (Service) on July 27, 2026, for 'PNDI 868594' (here forward, Project). This project has been assigned Project Code 2026-0121359 and all future correspondence should clearly reference this number. **Please carefully review this letter. Your Endangered Species Act (Act) requirements may not be complete.**

Ensuring Accurate Determinations When Using IPaC

The Service developed the IPaC system and associated species' determination keys in accordance with the Endangered Species Act of 1973 (ESA; 87 Stat. 884, as amended; 16 U.S.C. 1531 et seq.) and based on a standing analysis. All information submitted by the Project proponent into IPaC must accurately represent the full scope and details of the Project.

Failure to accurately represent or implement the Project as detailed in IPaC or the Northern Long-eared Bat and Tricolored Bat Range-wide Determination Key (Dkey), invalidates this letter. ***Answers to certain questions in the DKey commit the project proponent to implementation of conservation measures that must be followed for the ESA determination to remain valid. Note that conservation measures for northern long-eared bat and tricolored bat may differ. If both bat species are present in the action area and the key suggests more conservative measures for one of the species for your project, the Project may need to apply the most conservative measures in order to avoid adverse effects. If unsure which conservation measures should be applied, please contact the appropriate Ecological Services Field Office***

Determination for the Northern Long-Eared Bat and Tricolored Bat

Based upon your IPaC submission and a standing analysis completed by the Service, your project has reached the following effect determination(s):

Species	Listing Status	Determination
Northern Long-Eared Bat (<i>Myotis septentrionalis</i>)	Endangered	NLAA

Other Species and Critical Habitat that May be Present in the Action Area

The IPaC-assisted determination key for the northern long-eared bat and tricolored bat does not apply to the following ESA-protected species and/or critical habitat that also may occur in your Action area:

- Clubshell *Pleurobema clava* Endangered
- Longsolid *Fusconaia subrotunda* Threatened
- Monarch butterfly *Danaus plexippus* Proposed Threatened
- Northern riffleshell *Epioblasma rangiana* Endangered
- Rabbitsfoot *Quadrula cylindrica cylindrica* Threatened
- Rayed Bean *Villosa fabalis* Endangered

You may coordinate with our Office to determine whether the Action may cause prohibited take of the animal species and/or critical habitat listed above. Note that if a new species is listed that may be affected by the identified action before it is complete, additional review is recommended to ensure compliance with the Endangered Species Act.

Next Steps

Coordination with the Service is complete. This letter serves as technical assistance. All conservation measures should be implemented as proposed. Thank you for considering federally listed species during your project planning.

If no changes occur with the Project or there are no updates on listed species, no further consultation/coordination for this project is required for the northern long-eared bat. However, the Service recommends that project proponents re-evaluate the Project in IPaC if: 1) the scope, timing, duration, or location of the Project changes (includes any project changes or amendments); 2) new information reveals the Project may impact (positively or negatively) federally listed species or designated critical habitat; or 3) a new species is listed, or critical habitat designated. If any of the above conditions occurs, additional coordination with the Service should take place before project implements any changes which are final or commits additional resources.

If you have any questions regarding this letter or need further assistance, please contact the Pennsylvania Ecological Services Field Office and reference Project Code 2026-0121359 associated with this Project.

Action Description

You provided to IPaC the following name and description for the subject Action.

1. Name

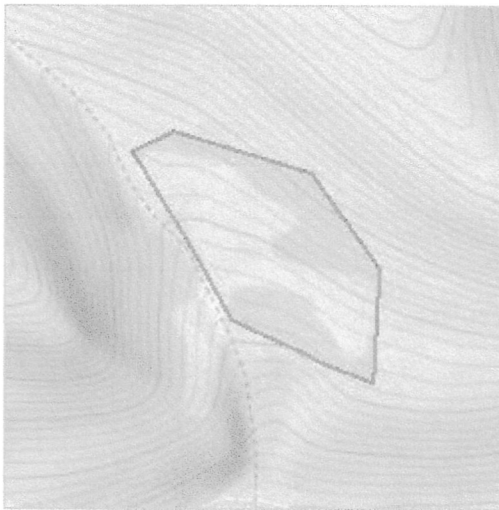
PNDI 868594

2. Description

The following description was provided for the project 'PNDI 868594':

OGM Development for an additional 5 well project 2026

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@41.82825055,-79.29316070873115,14z>



DETERMINATION KEY RESULT

Based on the answers provided, the proposed Action is consistent with a determination of “may affect, but not likely to adversely affect” for a least one species covered by this determination key.

QUALIFICATION INTERVIEW

1. Does the proposed project include, or is it reasonably certain to cause, intentional take of listed bats or any other listed species that is not covered by an existing section 10 (a)(1)(A) Recovery Permit, exempted under section 4(d) or authorized by a section 6 cooperative agreement? **Note:** Intentional take is defined as take that is the intended result of a project. Intentional take could refer to research, direct species management, surveys, and/or studies that include intentional handling/encountering, harassment, collection, or capturing of any individual of a federally listed threatened, endangered or proposed species?

No

2. Is the action area wholly within Zone 2 of the year-round active area for northern long-eared bat and/or tricolored bat?

Automatically answered

No

3. Does the action area intersect Zone 1 of the year-round active area for northern long-eared bat and/or tricolored bat?

Automatically answered

No

4. Does any component of the action involve leasing, construction or operation of wind turbines? Answer 'yes' if the activities considered are conducted with the intention of gathering survey information to inform the leasing, construction, or operation of wind turbines.

No

5. Is the proposed action authorized, permitted, licensed, funded, or being carried out by a Federal agency in whole or in part?

Note for projects in Pennsylvania: Projects requiring authorization under Section 404 of the Clean Water Act and/or Section 10 of the Rivers and Harbors Act would be considered as having a federal nexus. Since the U.S. Army Corps of Engineers (Corps) has issued the Pennsylvania State Programmatic General Permit (PASPGP), which may be verified by the PA Department of Environmental Protection or certain Conservation Districts, the need to receive a Corps authorization to perform the work under the PASPGP serves as a federal nexus. As such, if proposing to use the PASPGP, you would answer ‘yes’ to this question.

No

6. [Semantic] Is the action area located within 0.5 miles of a known bat hibernaculum or winter roost? Note: The map queried for this question contains proprietary information and cannot be displayed. If you need additional information, please contact your state wildlife agency.

Automatically answered

No

7. Does the action area contain any winter roosts or caves (or associated sinkholes, fissures, or other karst features), mines, rocky outcroppings, or tunnels that could provide habitat for hibernating bats?

No

8. Does the action area contain (1) talus or (2) anthropogenic or naturally formed rock shelters or crevices in rocky outcrops, rock faces or cliffs?

No

9. Is the action located in New England (CT, MA, ME, NH, RI, or VT)?

No

10. Will the action cause effects to a bridge?

Note: Covered bridges should be considered as bridges in this question.

No

11. Will the action result in effects to a culvert or tunnel at any time of year?

No

12. Are trees present within 1000 feet of the action area? **Note:** If there are trees within the action area that are of a sufficient size to be potential roosts for bats answer "Yes". If unsure, additional information defining suitable summer habitat for the northern long-eared bat and tricolored bat can be found in the USFWS' [Range-wide Indiana Bat and Northern long-eared bat Survey Guidelines](#).

Yes

13. Does the action include the intentional exclusion of bats from a building or building-like structure? **Note:** Exclusion is conducted to deny bats' entry or reentry into a building. To be effective and to avoid harming bats, it should be done according to established standards. If your action includes bat exclusion and you are unsure whether northern long-eared bats or tricolored bats are present, answer "Yes." Answer "No" if there are no signs of bat use in the building/structure. If unsure, contact your local Ecological Services Field Office to help assess whether northern long-eared bats or tricolored bats may be present. Contact a Nuisance Wildlife Control Operator (NWCO) for help in how to exclude bats from a structure safely without causing harm to the bats (to find a NWCO certified in bat standards, search the Internet using the search term "National Wildlife Control Operators Association bats"). Also see the White-Nose Syndrome Response Team's guide for bat control in structures.

No

14. Does the action involve removal, modification, or maintenance of a human-made building-like structure (barn, house, or other building) **known or suspected to contain roosting bats?**

No

15. Will the action cause construction of one or more new roads open to the public?

For federal actions, answer 'yes' when the construction or operation of these facilities is either (1) part of the federal action or (2) would not occur but for an action taken by a federal agency (federal permit, funding, etc.).

No

16. Will the action include or cause any construction or other activity that is reasonably certain to increase average night-time traffic permanently or temporarily on one or more existing roads? **Note:** For federal actions, answer 'yes' when the construction or operation of these facilities is either (1) part of the federal action or (2) would not occur but for an action taken by a federal agency (federal permit, funding, etc.).

No

17. Will the action include or cause any construction or other activity that is reasonably certain to increase the number of travel lanes on an existing thoroughfare?

For federal actions, answer 'yes' when the construction or operation of these facilities is either (1) part of the federal action or (2) would not occur but for an action taken by a federal agency (federal permit, funding, etc.).

No

18. Will the proposed Action involve the creation of a new water-borne contaminant source (e.g., leachate pond, pits containing chemicals that are not NSF/ANSI 60 compliant)?

Note: For information regarding NSF/ANSI 60 please visit <https://www.nsf.org/knowledge-library/nsf-ansi-standard-60-drinking-water-treatment-chemicals-health-effects>

No

19. Will the proposed action involve the creation of a new point source discharge from a facility other than a water treatment plant or storm water system?

No

20. Will the action include drilling or blasting?

Yes

21. Will the drilling or blasting produce noise or vibrations above existing background levels that will affect suitable summer habitat for northern long-eared bats and/or tricolored bats?

Note: Additional information defining suitable summer habitat for the northern long-eared bat and/or tricolored bat, can be found in the USFWS' [Range-wide Indiana Bat and Northern long-eared Bat Survey Guidelines](#).

No

22. Will the action involve military training (e.g., smoke operations, obscurant operations, exploding munitions, artillery fire, range use, helicopter or fixed wing aircraft use at night)?

No

23. Will the proposed action involve the use of herbicides or pesticides (e.g., fungicides, insecticides, or rodenticides)?

No

24. Will the action include or cause activities that are reasonably certain to cause chronic or intense nighttime noise (above current levels of ambient noise in the area) in suitable summer habitat for the northern long-eared bat or tricolored bat during the active season? Chronic noise is noise that is continuous or occurs repeatedly again and again for a long time. Sources of chronic or intense noise that could cause adverse effects to bats may include, but are not limited to: road traffic; trains; aircraft; industrial activities; gas compressor stations; loud music; crowds; oil and gas extraction; construction; and mining.

Note: Additional information defining suitable summer habitat for the northern long-eared bat and tricolored bat can be found in the USFWS' [Range-wide Indiana Bat and Northern long-eared bat Survey Guidelines](#).

No

25. Does the action include, or is it reasonably certain to cause, the use of permanent or temporary artificial lighting within 1000 feet of suitable forested northern long-eared bat or tricolored bat roosting habitat? **Note:** Additional information defining suitable summer habitat for the northern long-eared bat and tricolored bat can be found in the USFWS' [Range-wide Indiana Bat and Northern long-eared bat Survey Guidelines](#).

No

26. Will the action include tree cutting or other means of knocking down or bringing down trees, tree topping, or tree trimming?

Yes

27. Is the project related to the production of coal, including projects that support the mining of coal, as well as the production and/or distribution of energy produced from coal?

No

28. Will the proposed action occur exclusively in an already established and currently maintained utility right-of-way?

No

29. Does the action include emergency cutting or trimming of hazard trees in order to remove an imminent threat to human safety or property? See hazard tree note at the bottom of the key for text that will be added to response letters

Note: A "hazard tree" is a tree that is an immediate threat to lives, public health and safety, or improved property.

No

30. Does the project intersect with the 0- 9.9% forest density category?

Automatically answered

No

31. Does the project intersect with the 10.0- 19.9% forest density category map?

Automatically answered

No

32. Does the project intersect with the 20.0- 29.9% forest density category map?

Automatically answered

No

33. Does the project intersect with the 30.0- 100% forest density category map?

Automatically answered

Yes

34. Will the action cause trees to be cut, knocked down, or otherwise brought down across an area greater than 100 acres in total extent?

No

35. Will the proposed action result in the use of prescribed fire?

Note: If the prescribed fire action includes other activities than application of fire (e.g., tree cutting, fire line preparation) please consider impacts from those activities within the previous representative questions in the key. This set of questions only considers impacts from flame and smoke.

No

36. Does the action area intersect the northern long-eared bat species list area?

Automatically answered

Yes

37. [Semantic] Is the action area located within 0.5 miles of radius of an entrance/opening to any known NLEB hibernacula or winter roost? **Note:** The map queried for this question contains proprietary information and cannot be displayed. If you need additional information, please contact your State wildlife agency.

Automatically answered

No

38. [Semantic] Is the action area located within 0.25 miles of a culvert that is known to be occupied by northern long-eared or tricolored bats? **Note:** The map queried for this question contains proprietary information and cannot be displayed. If you need additional information, please contact your State wildlife agency.

Automatically answered

No

39. [Semantic] Is the action area located within 150 feet of a documented northern long-eared bat roost site?

Note: The map queried for this question contains proprietary information and cannot be displayed. If you need additional information, please contact your State wildlife agency. Have you contacted the appropriate agency to determine if your action is within 150 feet of any documented northern long-eared bat roosts?

Note: A document with links to Natural Heritage Inventory databases and other state-specific sources of information on the locations of northern long-eared bat roosts is available here. Location information for northern long-eared bat roosts is generally kept in state natural heritage inventory databases – the availability of this data varies by state. Many states provide online access to their data, either directly by providing maps or by providing the opportunity to make a data request. In some cases, to protect those resources, access to the information may be limited.

Automatically answered

No

40. Is suitable summer habitat for the northern long-eared bat present within 1000 feet of project activities? If unsure, answer "Yes." **Note:** Additional information defining suitable summer habitat for the northern long-eared bat and tricolored bat can be found in the USFWS' [Range-wide Indiana Bat and Northern long-eared bat Survey Guidelines](#)

Yes

41. Has a presence/probable absence summer bat survey targeting the northern long-eared bat following the Service's [Range-wide Indiana Bat and Northern Long-Eared Bat Survey Guidelines](#) been conducted within the project area?

No

42. Are any of the trees proposed for cutting or other means of knocking down, bringing down, topping, or trimming suitable for northern long-eared bat roosting (i.e., live trees and/or snags ≥ 3 inches dbh that have exfoliating bark, cracks, crevices, and/or cavities)?

Note: Additional information defining suitable summer habitat for the northern long-eared bat and tricolored bat can be found in the USFWS' [Range-wide Indiana Bat and Northern long-eared bat Survey Guidelines](#).

Yes

43. Will any tree cutting/trimming or other knocking or bringing down of trees occur during the **Summer Occupancy season** for northern long-eared bats in the action area? **Note:** Bat activity periods for your state can be found in Appendix 2 of the Service's [Northern long-eared Bat and Tricolored Bat Voluntary Environmental Review Process for Development Projects](#).

No

44. Do you have any documents that you want to include with this submission?

No

PROJECT QUESTIONNAIRE

Enter the extent of the action area (in acres) from which trees will be removed - round up to the nearest tenth of an acre. For this question, include the entire area where tree removal will take place, even if some live or dead trees will be left standing.

1.9

IPAC USER CONTACT INFORMATION

Agency: Private Entity

Name: David See

Address: 109 Central Avenue

City: Warren

State: PA

Zip: 16365

Email: david@geometronics.com

Phone: 8147237522

Re: [External] Re: Corrections to 07/17/26 Renewal Req.

From Markwood, Levi <lmarkwood@pa.gov>

Date Thu 7/30/2026 11:39 AM

To Shelby Maney <lm760@verizon.net>

Ms. Maney,

Receipt of the requested documents for the Musante renewal applications confirmed. I can now proceed with the application reviews.

Thank you,

Levi Markwood



Levi Markwood | Geoscience Trainee

Department of Environmental Protection | District Oil & Gas Operations

Northwest District Office

230 Chestnut St | Meadville, PA 16335

Phone: 814.332.6323

Fax: 814.332.6121

dep.pa.gov

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From: Shelby Maney <lm760@verizon.net>

Sent: Thursday, July 30, 2026 11:09 AM

To: Markwood, Levi <lmarkwood@pa.gov>

Subject: Re: [External] Re: Corrections to 07/17/26 Renewal Req.

Good Morning,

As per our conversation this morning.

Attached are the Corrections requested pertaining to the 7/17/26 Permit Renewals:

- 1) Affidavit Request for Conventional Well Permit Renewals x 5 ;
- 2) PNDI # 868594 - correction For Musante Lease
- 3) All rec'd responses from USFWS concerning issues from PNDI with resolutions resolved.

These documents should answer all questions pertaining to renewal for said lease.

Please reply with confirmation of your receipt.

Shelby Maney, CFO/GM
Lindell & Maney, L.L.C.
lm760@verizon.net
814-726-2224

On Monday, July 27, 2026 at 08:38:07 AM EDT, Markwood, Levi <lmarkwood@pa.gov> wrote:

Good Morning,

Sue assigned the renewal applications to me for review. I have all the documents that you already submitted. The current PNDI revealed a potential impact and that further correspondence with the USFWS is required. After entering the information into IpaC, the USFWS will send you a response letter, not just the response on the PNDI. This response letter from the USFWS is needed before we can proceed with the review.

Feel free to contact me with any questions.

Levi Markwood

[cid:519b8111-713a-4ac1-a29e-a90b10f2399a]

Levi Markwood | Geoscience Trainee

Department of Environmental Protection | District Oil & Gas Operations

Northwest District Office
230 Chestnut St | Meadville, PA 16335
Phone: 814.332.6323
Fax: 814.332.6121
dep.pa.gov<<https://www.pa.gov/agencies/dep>>

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From: L&M <lm760@verizon.net>
Sent: Friday, July 24, 2026 7:52 PM

To: Markwood, Levi <markwood@pa.gov>
Subject: [External] Re: Request for Conventional Well Permit Renewal

ATTENTION: This email message is from an external sender. Do not open attachments or click links from unknown senders. To report suspicious email, use the Report Phish button<<https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.pa.gov%2Fcontent%2Fdam%2Fcopapwp-pagov%2Fen%2Foa%2Fdocuments%2Fdocuments%2Freport-phish-button-user-guide.pdf&data=05%7C02%7Cmarkwood%40pa.gov%7C38356ad070b942913d5108dee9deb759%7C418e284101284dd59b6c47fc5a9a1bde%7C0%7C0%7C639205339982997763%7CUnknown%7CTWFpbGZsb3d8eyJFbXB0eU1hcGkiOnRydWUsIlYiOiIlwLjAuMDAwMCIjIAiOiJXaW4zMilslkFOljoitWFBpCjIsIldUljoyfQ%3D%3D%7C0%7C%7C%7C&sdata=iedEvVvmMdX4hM6mR8vKVLVnZ%2F3jjDjoRqpEfC0ugN0%3D&reserved=0><<https://www.pa.gov/content/dam/copapwp-pagov/en/oa/documents/documents/report-phish-button-user-guide.pdf>>> in Outlook.

Mr Markwood,

Please contact Kate Hogue or Sue Price in the Meadville DEP office.
The affidavit was hand delivered on 7/17th to the Meadville office .
The Newest PINDI was forwarded on Wednesday, 7/22nd to Kate Hogue's email.
The response from USFWS is on line, linked from the website.
If there is any other questions, please feel to contact me again.
Sincerely ,

Shelby Maney
Lindell & Maney, LLC

> On Jul 23, 2026, at 11:28 AM, Markwood, Levi <markwood@pa.gov> wrote:
>
> Good morning,
>
> Review of the Affidavit Request for Conventional Well Permit Renewal for 123-49192, 123-49193, 123-49189, 123-49190, 123-49191 (Musante M Wells 22, 23, 24, 26, & 27) has yielded the following deficiencies:
>
> Affidavit
>
> *
> PNDI date provided is incorrect.
>
> PNDI
>
> *
> Response from the USFWS is needed to further process the renewal application.
>
>
> Please provide the requested information and corrections for these deficiencies by August 10, 2026 (email copies are fine).
>
> Feel free to contact me with any questions.
>
> Levi Markwood
>
>
>
> [cid:6b340e78-b352-4b55-9df3-d33b7f9cc0b0]
>
>
> Levi Markwood | Geoscience Trainee
>
> Department of Environmental Protection | District Oil & Gas Operations
>
>
> Northwest District Office
> 230 Chestnut St | Meadville, PA 16335
> Phone: 814.332.6323
> Fax: 814.332.6121

> dep.pa.gov<<https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.pa.gov%2Fagencies%2Fdep&data=05%7C02%7Cmarkwood%40pa.gov%7C38356ad070b942913d5108dee9deb759%7C418e284101284dd59b6c47fc5a9a1bde%7C0%7C0%7C639205339983030910%7CUnknown%7CTWFpbGZsb3d8eyJFbXB0eU1hcGkiOnRydWUsIlYiOiIwLjAuMDAwMCIsIlAiOiJXaW4zMtIsIkEOLjoiTWFpbGlldUJjoyfQ%3D%3D%7C0%7C%7C%7C&sdata=%2FDYrDMSQCXuTQ%2BPxTRvF%2B5MiNoyx4eEXGFt1ZTzMbX4%3D&reserved=0><<https://www.pa.gov/agencies/dep>>>

>

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>

Phone Contact Log

Date/Time: 7/30/2026 9:05 AM **Company Called:** Lindell & Maney LLC

Person Contacted: Shelby Maney **Number Called:** _____

Farm Name/Well Number: Musante

Farm Name/Well Number: M-22, M-23, M-24, M-26, & M-27

Deficiencies Addressed: Renewal applications contained incorrect information on the notarized affidavit for renewal (expired PNDI & incorrect well name) and Further response was needed from the US Fish and Wildlife Service for the PNDI hit. Mrs Maney said that she had the response letter and corrected the affidavit and would send them within the hour.

[illegible]

Reviewer: Levi Markwood

From: [Hogue, Kate](#)
To: LM760@VERIZON.NET
Subject: Affidavit Request for Conventional Well Permit Renewals
Date: Tuesday, July 21, 2026 2:30:00 PM
Attachments: [123-49192 Permit Renewal.pdf](#)
[image001.png](#)
[123-49193 Permit Renewal.pdf](#)
[123-49189 Permit Renewal.pdf](#)
[123-49190 Permit Renewal.pdf](#)
[123-49191 Permit Renewal.pdf](#)

Good Afternoon,

We received the attached Affidavit Request for Conventional Well Permit Renewal for 123-49192, 123-49193, 123-49189, 123-49190, 123-49191.

Please submit the PNDI for these permits.

The well farm name we have on record (and is listed on the provided well permit) is listed below. The Affidavit Request includes 'Farm' in the well farm name, while our records do not. Please verify if the below well farm names are correct. If they are correct, please update the Affidavit Requests and return them to me. Electronic copy is sufficient.

123-49192 MUSANTE M 26

123-49193 MUSANTE M 27

123-49189 MUSANTE M 23

123-49190 MUSANTE M 22

123-49191 MUSANTE M 24

The review of your application has stopped until the requested information has been submitted.

The requested information can be emailed directly to me to continue processing.

Corrections for these deficiencies must be received by August 4, 2026.

Thanks,

Kate



Kate Hogue | Clerical Supervisor II

Department of Environmental Protection | District Oil and Gas Operations

Northwest District Office

230 Chestnut Street | Meadville, PA 16335

Office: 814.332.6868

Emergency: 800.541.2050

dep.pa.gov

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