

From: [Donohue, Thomas E](#)
To: [Thomas, Renee J.](#); [Tracy Seeberger](#)
Subject: 059-28512 Well Permit
Date: Monday, November 10, 2025 3:44:00 PM
Attachments: [WellPermit 059-28512 Swarts #2 1542367.pdf](#)
[059-28512 Swarts #2 1542367 Application Materials.pdf](#)

The Department of Environmental Protection has completed the review of the application corresponding to the attached permit.

The department hereby approves the permit for the well pursuant to applicable laws and regulations for this activity and to specific conditions of the individual permit.

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

Thomas E. Donohue, P.G. | Environmental Program Manager
Department of Environmental Protection | District Oil & Gas Operations
400 Waterfront Dr. | Pittsburgh, PA 15222
Phone: 412.442.4004 | Fax: 412.442.4328
www.dep.pa.gov



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

WELL PERMIT

DEP USE ONLY	
Permittee's eFACTS ID 27639	Auth ID 1542367
Watershed Name Bates Fork	Quality HQ

Permittee EQUITRANS, L.P.		OGO.# OGO-36770	Permit Number 37-059-28512-00	Date Issued 11/10/2025
Address 2200 Energy Drive		Farm Name & Well Number SWARTS 2 OG WELL		Well Serial #
		Municipality Washington Twp	County Greene	
Canonsburg, PA 15317		7½ ' Quadrangle Name Rogersville		Map Section # 6
Phone n/a	Project # n/a		Latitude 39.94189	Longitude -80.25100
Surf Elev at Site 1183 feet	Anticipated Maximum TVD 2780 feet Target: Gantz	Well Type Horizontal Storage Well	Offset distances referenced to NE corner of map section. n/a	

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. The Operator shall run a complete angular deviation survey of the intentionally deviated well and submit it to the Department with the other information required in the Well Record. The deviation survey is to be obtained by a responsible well surveying company and shall include a well location plat and vertical section of the borehole as drilled that shows comparison to the well location plat and vertical section as permitted.
3. Indiana Bat/Northern Long-Eared Bat/Tricolored Bat – Conduct any tree cutting, tree inundation (flooding), and prescribed burning between November 15 and March 31.

NOTE: WELL PENETRATES THE SWARTS STORAGE FIELD (EQUITRANS L P/EQUITRANS MIDSTREAM CORPORATION).

NOTE: WELL IS LOCATED WITHIN THE BOUNDARIES OF THE HARVEY COAL MINE (CONSOL PA COAL CO/CORE NATURAL RESOURCES).

This permit expires 11/10/2026 unless drilling is commenced on or before that date and prosecuted with due diligence.

 11/10/25
 Regional Oil and Gas Program Manager

PATRICK TAYLOR

25 TECHNOLOGY DRIVE
COAL CENTER, 15423

(724) 769-1067

Oil & Gas Inspector

Address

Phone Number

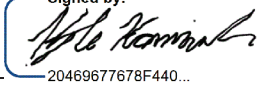
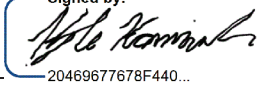
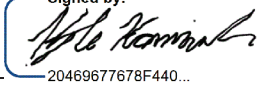


PERMIT APPLICATION TO DRILL AND OPERATE A CONVENTIONAL WELL

Notes		DEP USE ONLY	
Reviewed by HLC 11/10/2025	OGO # 36770	Objection Date - Do not issue before: 9/13/25	API #'s 37-059-28512 00-00 ;
	Client Id 27639	Date Approved:	and - - - - - ; - - - - - ; - - - - - ; - - - - - ; - - - - -
	Bond # 5362		Watershed Name: Designation: ☒ HQ ☐ EV Bates Fork
	C: G: 11/7/25	Special Cond. See permit	
	INV: APS # 146385 Auth Id 1542367	Site Id 882985	PF Id 886720 SF Id 1456259

Please read instructions before you begin filling in this form.

WELL INFORMATION										
Well Operator Equitrans, L.P.		DEP ID# 27639	Well API # 37-059- 28512		Well Farm Name Swarts		Well # #2			
Address 2200 Energy Drive			LAT 39.941892 LONG -80.250997		NAD 83	Project Number		Serial #		
City Canonsburg		State PA	Zip 15317	Municipality Name/ City, Borough, Township Washington Township		County Greene County				
Phone		Fax		Email RThomas@eqt.com		USGS 7.5 min. quadrangle map Rogersville		Section 6		
☐ Check if this is a new address			24/7 Emergency Phone contact number 1 (833) 990-1534			911 address of well site (if available) 394 Hopkins Run Rd, Sycamore, PA 15364				
Freshwater Impoundment Name/ Identification		Centralized Impoundment Name/ Identification		Well Pad Name/Identification Swarts and Hunters Cave Well Replacement Project		Borrow Area Name/Identification				
Surface Elev +/-1183'	Deepest Formation to be penetrated: Gantz		Anticipated TVD 2780'		PERMIT TYPE Check applicable. Application is to: ☒ Drill a new ☐ Re-permit expired permit ☐ Deepen well ☐ Redrill wellbore ☐ Alter well ☐ Other (specify)		TYPE OF WELL Check applicable. ☐ Gas ☐ Oil ☐ Comb. (gas & oil/condensate) ☐ Injection, recovery ☐ Injection, disposal ☐ Coalbed Methane ☒ Gas Storage ☐ Other (specify)		APPLICATION FEE Check applicable. ☒ Conventional ☐ \$200 (Home Use Well) Total Application Fee \$ \$1600 Bond Agreement Id 5362	
Target Formation(s) proposed for production Gantz,		Anticipated Target Top/Bottom TVD 2736'/2970'								
Number of wellbore laterals proposed under this application 1										
Total feet of wellbore to be drilled under this application 8880'										
If applying for a permit to rework an existing well not registered or permitted, check this box ☐ and enter date drilled, if known: (see instructions)										
PNDI Attached: ☒ Any threatened or endangered "hit" must include a copy of the clearance letter from the applicable agency(ies).										
Application submitted as: Coal well: ☒ Attach Coal Module CBM well ☐ Attach Coal Module Non coal well ☐ Attach justification.										
COORDINATION WITH REGULATIONS AND OTHER PERMITS							Yes	No		
1. Will the well be subject to the Oil and Gas Conservation Law ? If "No," go to 2).							☐	☒		
a. If "Yes" to #1, is the well at least 330 feet from outside lease or unit boundary?							☐	☐		
b. Does the location fall within an area covered by a spacing order?							☐	☐		
c. If the well will be multilateral, identify the wellbores on the sketch on page 3 of the plat that will be completed as conservation and non-conservation.										
2. Will the edge of the disturbed area of any portion of the well site of a conventional well be within 100 feet from the edge of any solid blue lined stream, spring or body of water identified on the most current 7½' topographic quadrangle map or wetland greater than one acre in size or in a wetland?							☐	☒		
If yes, is a waiver request (form 5500-FM-OG0057) and site-specific E&S control plan attached?							☐	☒		

3. Will the well penetrate or be within 2,000 feet of an active gas storage reservoir boundary?	☒	☐									
a. If Yes, print the names of: Storage Field: Swarts Operator: Equitrans, LP											
4. Is the proposed well location within the permitted area of a landfill ?	☐	☒									
5. Will the well be drilled within 200 feet from any existing building or an existing water supply?	☐	☒									
a. If "Yes," is written consent from the owner attached?	☐	☐									
b. If written consent is not attached, is a variance request (form 8000-FM-OOGM0058) attached?	☐	☐									
6. Will the well be located where it may impact a public resource as outlined in the "Coordination of a Well Location with Public Resources" form 5500-PM-OG0076? If yes, attach a completed copy of the form and clearance letters from applicable agencies.	☒ HLC 11/10/25	☐ Removed "x" HLC 11/10/25									
7. Will any portion of the well site be in a Special Protection High Quality ☒ (HQ) or Exceptional Value ☐ (EV) watershed?	☒	☐ Removed "x" HLC 11/10/25									
Provide name of special protection stream <u>Bates Fork</u>											
7.1 Will the well be drilled using enhanced drilling or completion technologies into a formation that typically produces gas or petroleum?	☐	☒									
8. Is this well part of a development which requires an Earth Disturbance Permit for Oil and Gas Activities disturbing more than 5 acres? If yes, list the number of the ESCGP approval if the permit has been issued.	☒	☐									
<u>ESG073023019-00</u>											
8.1 Is the disturbed area of the well site between 1 to 5 acres and in a Special Protection Watershed	☐	☒									
9. Is waste, including drill cuttings, from the drilling of this well is to be disposed of on this well site? Yes ☐ No ☒											
10. Will the well or well site be located within a defined 100 year floodplain or where the floodplain is undefined, within 100 feet of the top of the bank of a perennial stream or within 50 feet of the top of the bank of an intermittent stream. Yes ☐ No ☒											
a. If yes, is a waiver request attached that will protect the Waters of the Commonwealth? Yes ☐ No ☒											
11. Is the well to be located within a H ₂ S area pursuant to §78.77a? Yes ☐ No ☒											
12. Attach a current Ownership & Control form 8000-FM-OOGM0118.											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Signature of Applicant</td> <td colspan="2">The person signing this form attests that they have the authority to submit this application on behalf of the applicant, and that the information, including all related submissions, is true and accurate to the best of their knowledge.</td> </tr> <tr> <td> Signature of Person Authorized to Submit Application Signed by:  20469677678F440... </td> <td style="width: 10%; text-align: center;">(Print or Type)</td> <td> Name of Signer: Equitrans, L.P. By: Equitrans Services, LLC, its general partner Name: Kyle Kaminski Title: Land Officer </td> </tr> <tr> <td colspan="2"></td> <td style="text-align: center;">Date 9/11/2025</td> </tr> </table>			Signature of Applicant	The person signing this form attests that they have the authority to submit this application on behalf of the applicant, and that the information, including all related submissions, is true and accurate to the best of their knowledge.		Signature of Person Authorized to Submit Application Signed by:  20469677678F440...	(Print or Type)	Name of Signer: Equitrans, L.P. By: Equitrans Services, LLC, its general partner Name: Kyle Kaminski Title: Land Officer			Date 9/11/2025
Signature of Applicant	The person signing this form attests that they have the authority to submit this application on behalf of the applicant, and that the information, including all related submissions, is true and accurate to the best of their knowledge.										
Signature of Person Authorized to Submit Application Signed by:  20469677678F440...	(Print or Type)	Name of Signer: Equitrans, L.P. By: Equitrans Services, LLC, its general partner Name: Kyle Kaminski Title: Land Officer									
		Date 9/11/2025									
Application Preparer/Contact: Tracy Seeberger / Keystone Consultants LLC		Phone: 412-790-6744									



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

**PERMIT APPLICATION TO DRILL AND OPERATE
A CONVENTIONAL WELL
Record of Notification**

Farm Name - Well #	
Applicant Name ID#	DEP
DEP USE ONLY	APS #

List the following: surface landowner; surface landowners and water purveyors with water supplies within 1000 feet; municipality where the well will be drilled; adjacent municipality; gas storage operator if within 2000 feet. Mark the boxes, "X," which show the parties' interests. Use additional forms if you need more space. You are required to notify each of these parties. Notification: Signature below name indicates the party's acknowledgement of receipt of the well location plat and serves as proof of notification		Surface Landowner	Gas Storage Operator	Surface Landowners & Water Purveyors with water supplies <1000'	Municipalities	Notification Note the means and attach proof.			
						Certified Mail Dates		Address Affidavit	Written Consent
						Sent	Return Receipt		
Print Name: Harden Farms LLC (TAX ID # 18-08-111, 18-08-104) Signature	Address: 1497 BEDILLION ROAD WASHINGTON, PA 15301	X		X		8/21/2025	8/22/2025		
Print Name: WASHINGTON TOWNSHIP, GREENE COUNTY Signature	Address: 112 MUNICIPAL LANE PROSPERITY, PA 15329				X	8/21/2025	8/22/2025		
Print Name: MORRIS TOWNSHIP, GREENE COUNTY Signature	Address: 1317 BROWNS CREEK ROAD SYCAMORE, PA 15364				X	8/21/2025	8/22/2025		
Print Name: MORRIS TOWNSHIP, WASHINGTON COUNTY Signature	Address: 77 PARK DRIVE PROSPERITY, PA 15329				X	8/21/2025	8/22/2025		
Print Name: AMWELL TOWNSHIP, WASHINGTON COUNTY Signature	Address: 885 AMITY RIDGE RD AMITY, PA 15311				X	8/21/2025	8/22/2025		
Print Name: WEST BETHLEHEM TOWNSHIP, WASHINGTON COUNTY Signature	Address: PO BOX 309 / 247 JEFFERSON AVENUE MARIANNA, PA 15345				X	8/21/2025	8/22/2025		
Print Name: MORGAN TOWNSHIP, GREENE COUNTY Signature	Address: PO BOX 3 / 1019 THIRD STREET EXTENSION MATHER, PA 15346				X	8/21/2025	8/22/2025		
Print Name: FRANKLIN TOWNSHIP, GREENE COUNTY Signature	Address: 568 ROLLING MEADOWS ROAD WAYNESBURG, PA 15370				X	8/21/2025	8/22/2025		
Print Name: EQUITRANS, L.P. ATTN: GERALD SMITH Signature	Address: 2200 ENERGY DRIVE CANONSBURG, PA 15317		X			8/27/2025	8/28/2025		

Print Name: Signature	Address:								
Print Name: Signature	Address:								

Record of Written Consent

Written Consent: Signature below indicates the party’s approval of the well location, or indicates written consent and waives the 15-day objection period where applicable.

Check applicable box

Print and Sign Name:	Address:	Date	Surface Owner	Water Well within 200 feet	Building within 200 feet
			☐	☐	☐
			☐	☐	☐
			☐	☐	☐
			☐	☐	☐
			☐	☐	☐



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

WELL LOCATION PLAT

PAGE 1 Surface Location

Auth ID #:

Permit #:

Project #:

G:
11/7/25

C:

SHL True Latitude:
39.941892SHL True Longitude:
-80.250997Horizontal Coordinate
System: NAD 83

NOTES:

THE PURPOSE OF THIS PLAT IS FOR THE LOCATION OF A PROPOSED GAS WELL AND DOES NOT REPRESENT A CLOSED BOUNDARY SURVEY. PROPERTY LINES AND OWNERS WERE OBTAINED FROM VARIOUS FIELD EVIDENCE, TAX RECORDS, AND AERIAL MAPPING.
NO STRUCTURES EXIST WITHIN 500 FEET OF PROPOSED WELL LOCATION.
SWARTS #2 LIES WITHIN THE CONSOL PENNSYLVANIA COAL COMPANY HARVEY MINE.
SWARTS #2 LIES WITHIN THE SWARTS STORAGE FIELD.

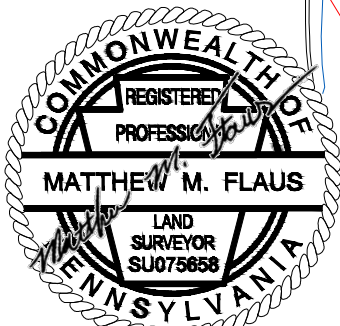
LINE	BEARING	DISTANCE (FEET)
L1	N55°40'41"E	1189
L2	N66°41'37"E	858
L3	N77°42'31"W	577



LEGEND

- PROPERTY LINE (SURFACE TRACT OWNER)
— MINERAL TRACT BOUNDARY
--- TOWNSHIP LINE
— ROADWAY
— STREAM
— TIE LINE
--- LOD

- ⊕ ACTIVE WELL LOCATION
⊗ HISTORIC GAS WELL
⊗ PLUGGED WELL LOCATION
⊗ HISTORIC DRY HOLE
⊗ ABANDONED
↗ PROPERTY LANDHOOK
W WATER WELL
① WATER SOURCE NUMBER



Applicant / Well Operator Name: Equitrans, LP		DEP ID#: 27639	Well (Farm) Name: Swarts		Well #: #2	Serial #:
Address: 2200 Energy Drive, Canonsburg, PA 15317			County: Greene	Municipality: Washington Township	Well Type: Gas Storage	
911 address of well site: 394 Hopkins Run Road, Sycamore, PA 15364			USGS 7 1/2' Quadrangle Map Name: Rogersville	Map Section: 6	Surface Elevation: 1183 ft.	
Surveyor or Engineer: Matthew M. Flaus, PLS	Phone #: (412) 278-2100	Dwg #:	Date: 08/19/2025	Scale: 1"=1000'	Unit Acreage: 698.12	
Lat & Long Metadata Method: GPS	Accuracy: 3± ft.	Datum: NAD 83	Elevation Metadata Method: GPS	Accuracy: 5± ft.	Datum: NAVD 88	Survey Date: 01/24/2013

[illegible]

WELL LOCATION PLAT

PAGE 3 Plan View of Deviated Well Bore

Applicant / Well Operator Name:

Equitrans, LP

DEP ID#:

27639

Well (Farm) Name:

Swarts

Well #:

#2

SHL True Latitude:

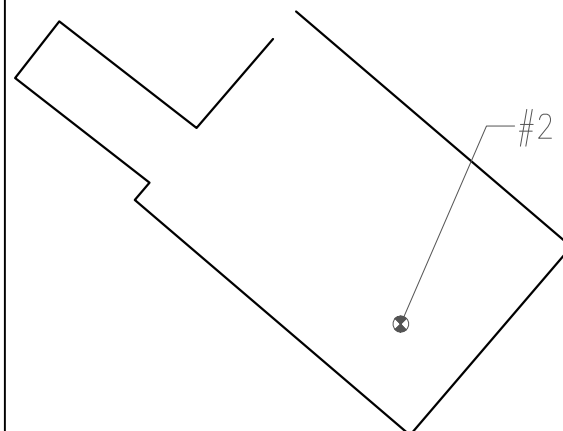
39.941892

SHL True Longitude:

-80.250997

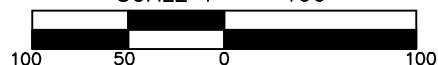
Horizontal Coordinate System:

NAD 83



SWARTS PAD LAYOUT

SCALE 1" = 100'



LOCATION AT
TOTAL DEPTH
LAT 39.953333
LON -80.268193
(NAD 83)

AZ=N47°31'50"W (GN) 5,737'
PROPOSED HORIZONTAL SECTION

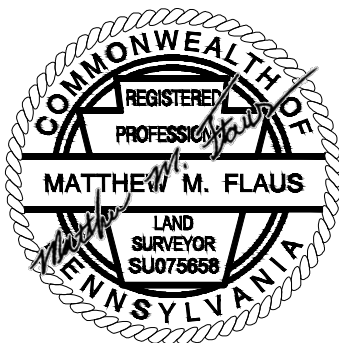
ACCESS ROAD

SWARTS #2
WELL LOCATION
AND KOP

LOCATION
AT LANDING
LAT 39.943035
LON -80.252714
(NAD 83)

N55°40'41"E
1189'
(TIE)

N77°42'31"W
577'
(TIE)



NAD 27 Coordinates

Tophole

LAT 39.941818

LON -80.251210

Landing

LAT 39.942961

LON -80.252928

Bottomhole

LAT 39.953259

LON -80.268406

TOTAL MINERAL TRACT

ACREAGE 698.12 Ac.

EXISTING SURFACE ELEVATION- 1183± FT.

SCALE 1" = 1500'



			Latitude	Longitude
KOP :	TVD : <u>2,143'</u>	TMD : <u>2,143'</u>	<u>39.941892</u>	<u>-80.250997</u>
Landing Point :	TVD : <u>2,780'</u>	TMD : <u>3,143'</u>	<u>39.943035</u>	<u>-80.252714</u>
Projected Bottom Hole :	TVD : <u>2,780'</u>	TMD : <u>8,880'</u>	<u>39.953333</u>	<u>-80.268193</u>

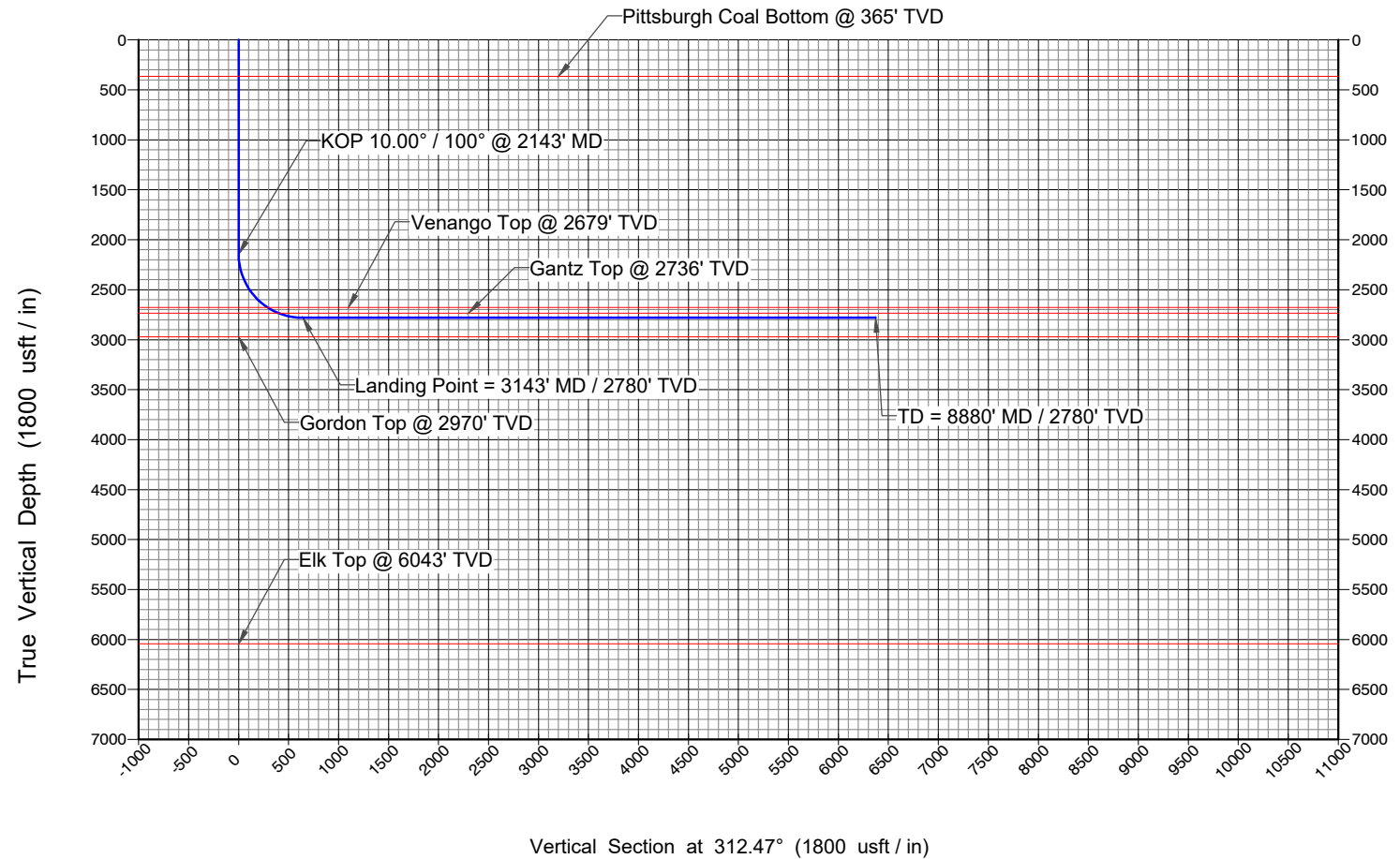
G

M

Azimuths to Grid North
Magnetic North : -8.98

Magnetic Field
Strength : 51,385.90
Dip Angle : 66.21
Date : 04/03/2025
Model : IGRF2020

NAD 83



PERMIT APPLICATION TO DRILL AND OPERATE A WELL COAL MODULE

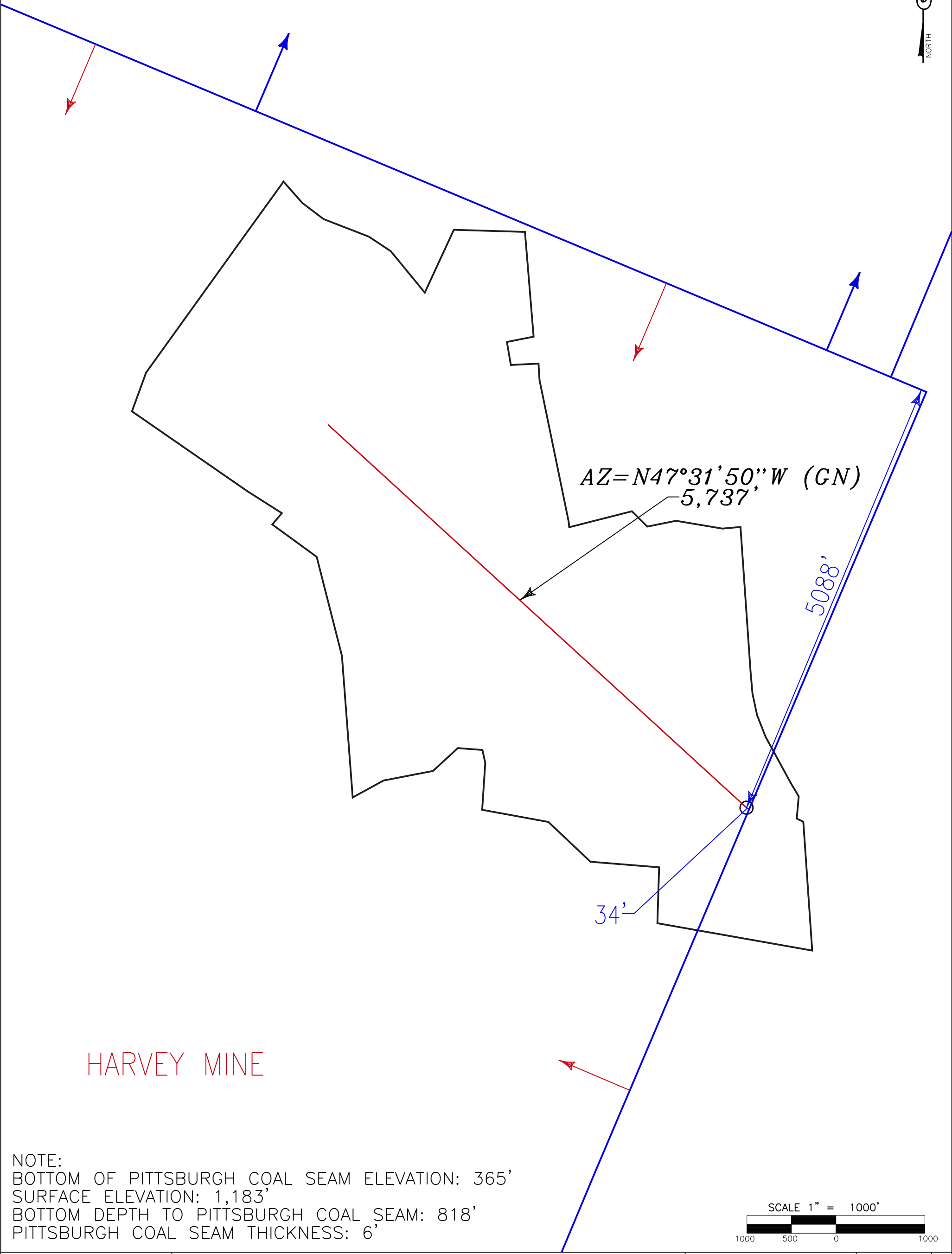
Coal module attachment to address coal related issues with drilling, altering, or operating wells.		
	Yes	No
1. Will the well penetrate a workable coal seam ? If "No," attach justification and supporting documentation a. Have the coal rights been severed from the surface estate	☒ ☒	☐ ☐
2. If the well will penetrate a workable coal seam and the well is a "non-conservation" gas well, does the location comply with the distance requirements of section 7 of the Coal and Gas Resource Coordination Act? (At least 1,000 feet from all existing wells). 58 P.S. §§ 501 - 518. a. If "No," is the required exception request attached? (Check N/A if re-working an existing well.) ☐ N/A b. Will the well be part of a Well Cluster that is an area within a well pad intended to host multiple horizontal wells and which comprises an area no greater than 5,000 square feet?	☒ ☐ ☐	☐ ☒ ☒
3. Will this well be drilled in solid coal or into an open underground void?	solid coal ☒	open void ☐
	Yes	No
4. Will the well be drilled through an operating coal mine , or within 1,000 feet of the boundary? a. If "Yes," provide the names of: Harvey Mine and Operator Consol Pennsylvania Coal Company, LLC b. If yes, does it meet the Gas Well Pillar Study? 58 P.S. § 512.1. c. If yes, provide a copy of the most recent underground mine workings map that shows well location, a map scale, the lease/unit boundary, and a north arrow.	☒ ☒	☐ ☐
5. If the well will be a Coal Bed Methane (CMB) well is the alternate method request of drilling/completing the well attached <i>Proposed Alternate Method or Material for Casing, Plugging, Venting or Equipping a Well</i> form 8000-PM-OOGM0024?	☐	☒
6. If the well is a CBM well, has the surface landowner been notified and provided a copy of <i>Landowner Notification of Right to Participate in Alternate Dispute Resolution to Coal Bed Methane Wells</i> , form 8000-FM-OOGM0052?	☐	☒

COAL MODULE

RECORD OF NOTIFICATION / WRITTEN CONSENT

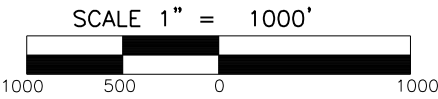
List the following: all coal owners and lessees of all underlying coal seams; operators of operating coal mines at the proposed location; and coal operators with Operating Coal Mine. Mark the boxes "X" that show the parties' interests. Use additional forms if you need more space. You are required to notify each of these parties.		Coal Owner	Coal Lessee	Operator of Operating Coal Mine	Within 1,000 ft.	Notification Note the Means and Attach Proof			
						Certified Mail Dates		Address Affidavit	Written Consent
						Sent	Return Receipt		
Name CONSOL PENNSYLVANIA COAL COMPANY LLC	Address 275 TECHNOLOGY DR SUITE 101 CANONSBURG, PA 15317	X				8/21/2025	8/22/2025		
Name CONSOL PENNSYLVANIA COAL COMPANY LLC	Address 275 TECHNOLOGY DR SUITE 101 CANONSBURG, PA 15317			X		8/21/2025	8/22/2025		
Name JANE C. WISEMAN	Address 1416 CARILLO ST THE VILLAGES, FL 32162	X				8/21/2025	8/22/2025		
Name	Address								
Name	Address								
Optional: Signature below indicates the party's approval of the well location and waives the 15-day objection period. Check applicable box.									
Coal ☐ Operator, ☐ Owner, or ☐ Lessee									Date
Coal ☐ Operator, ☐ Owner, or ☐ Lessee									Date
Coal ☐ Operator, ☐ Owner, or ☐ Lessee									Date
Coal Operator within 1,000 feet of proposed location									Date
N/A									

ENLOW FORK MINE



HARVEY MINE

NOTE:
BOTTOM OF PITTSBURGH COAL SEAM ELEVATION: 365'
SURFACE ELEVATION: 1,183'
BOTTOM DEPTH TO PITTSBURGH COAL SEAM: 818'
PITTSBURGH COAL SEAM THICKNESS: 6'



32 EAST MAIN STREET
CARNEGIE, PA 15106

PHONE: (412) 278-2100
KEYSTONECONSULTANTS.NET

SWARTS #2
HARVEY MINE

WASHINGTON TOWNSHIP

GREENE COUNTY



DRAWN BY: CPK
CHECKED BY:
SCALE: 1" = 1000'
DATE: 08/28/2025
SHEET: 1 OF 1

ISSUE:



Core Natural Resources
275 Technology Drive
Suite 101
Canonsburg, PA 15317-9565

phone: 724/663-7106
fax: 724/663-7159
e-mail: caseysaunders@coreresources.com

Casey V. Saunders
Manager Coal/Gas Coordination

September 4, 2025

Equitrans Midstream
Attn: Emily Waters
2200 Energy Drive
Canonsburg, PA 15317

Re: Proposed Swarts #2 Well

Dear Sir or Madam,

CONSOL Pennsylvania Coal Company, LLC (CPCC) has received notice of one well on the Swarts Pad and has evaluated its location in the Harvey Mine Plan. At this time, CPCC does not object to the drilling of the well listed above, at the NAD 83 coordinates provided in the application so long as Equitrans, LP complies with the Hunters Cave Storage Field Agreement dated 06-02-2023 between Equitrans and CPCC.

- Swarts #2 - Lat. 39.941892, Long. 80.250997

Please provide a notice of completion after the well is drilled.

Sincerely,

Casey V. Saunders
Manager Coal/Gas Coordination

From: [Speelman, Kerry](#)
To: [Arlauckas, Shannon](#)
Cc: [Campbell, Heather](#); [Hudak, William](#)
Subject: RE: EQUITRANS, L.P. – Swarts BMS Review
Date: Wednesday, October 1, 2025 11:30:00 AM

Good morning Shannon,

The nearest underground workings at the Harvey Mine are along the 3-B longwall panel (completed in early 2024), approximately 900 feet from the Swarts 2 well location. This longwall district is actively being mined to the south and west. Due to the distance away from the former mine workings, a drill plan is not necessary. Due to the proximity of this well to the coal permit boundary (and since this is a new well on a new well pad, the coal operator should be notified of this well during the permitting process.

Let me know if there are any questions.

Thanks,

Kerry Speelman, P.G. | Geologic Consultant
Department of Environmental Protection | Bureau of Mine Safety
DEP New Stanton Office
131 Broadview Road | New Stanton, PA 15672
Office Phone: 724.925.5410
www.dep.pa.gov

From: Hudak, William <whudak@pa.gov>
Sent: Tuesday, September 30, 2025 11:38 AM
To: Speelman, Kerry <kspeelman@pa.gov>
Subject: FW: EQUITRANS, L.P. – Swarts BMS Review

William J. Hudak Jr. PE | Mine Safety Engineer Manager
Department of Environmental Protection
Bureau of Mine Safety | New Stanton District Office
Cell 814-505-8165

PRIVILEGED AND CONFIDENTIAL COMMUNICATION

The information transmitted is intended only for the person or entity to whom it is addressed and may contain confidential and/or privileged material. Any use of this information other than by the intended recipient is prohibited. If you receive this message in error, please send a reply e-mail to the sender and delete the material from any and all computers.

From: Arlauckas, Shannon <sarlauckas@pa.gov>
Sent: Friday, September 26, 2025 3:18 PM
To: Hudak, William <whudak@pa.gov>

Cc: Campbell, Heather <heathcampb@pa.gov>

Subject: EQUITRANS, L.P. – Swarts BMS Review

Hi William,

EQUITRANS, L.P. is applying for a well permit for the Swarts well pad (Well #2).

The well will be located at approximately 39.941892, -80.250997.

The Swarts well is a storage well that will penetrate the HARVEY MINE in Greene County (see attached screen shot).

The well will penetrate the mine approximately 30' from the mine boundary and about 4200' feet from the nearest active panel (distances to development mining may be less).

The well is not spud.

Also attached, please find the mine workings map and the plat that was submitted with the drilling permit application.

Please review and let us know if a drill plan is required for this application.

Please respond by 10/16/2025.

Kind regards,

Shannon M. Arlauckas, P.G. | Licensed Professional Geologist
Department of Environmental Protection | District Oil & Gas Operations
Southwest District Office
400 Waterfront Dr. | Pittsburgh, PA 15222
Phone: 412.442.4171 | Fax: 412.442.4328
www.dep.pa.gov

1. PROJECT INFORMATION

Project Name: **Horizontal Storage Wells**

Date of Review: **5/23/2025 03:00:37 PM**

Project Category: **Energy Storage, Production, and Transfer, Energy Storage, Other**

Project Area: **77.92 acres**

County(s): **Greene**

Township/Municipality(s): **Center Township; Franklin Township; Morris Township; Washington Township**

ZIP Code:

Quadrangle Name(s): **ROGERSVILLE; WAYNESBURG**

Watersheds HUC 8: **Lower Monongahela**

Watersheds HUC 12: **Browns Creek; Parsley Creek-South Fork Tenmile Creek; Smith Creek-South Fork Tenmile Creek**

Decimal Degrees: **39.942659, -80.252051**

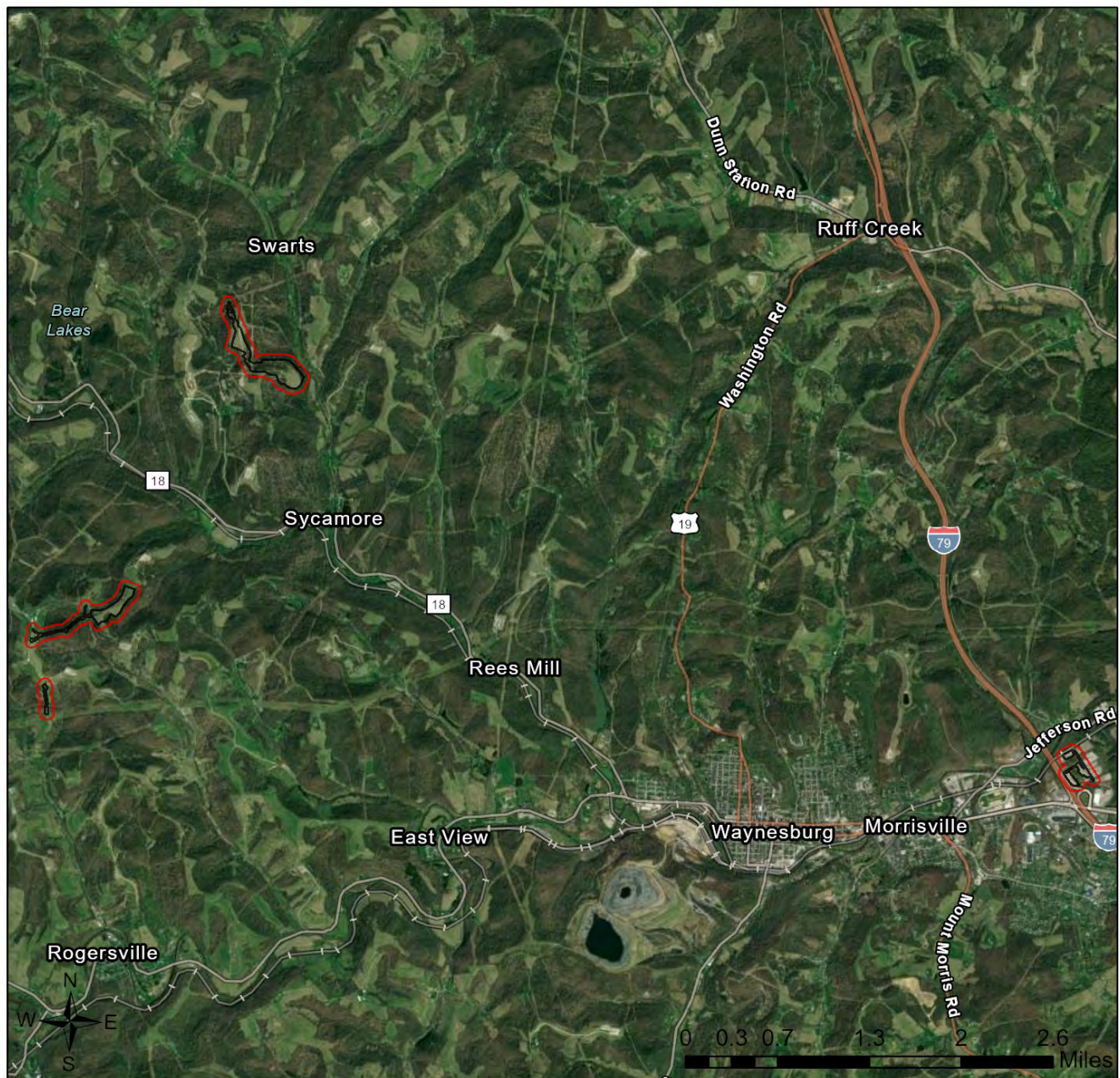
Degrees Minutes Seconds: **39° 56' 33.5741" N, 80° 15' 7.3824" W**

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.

Horizontal Storage Wells

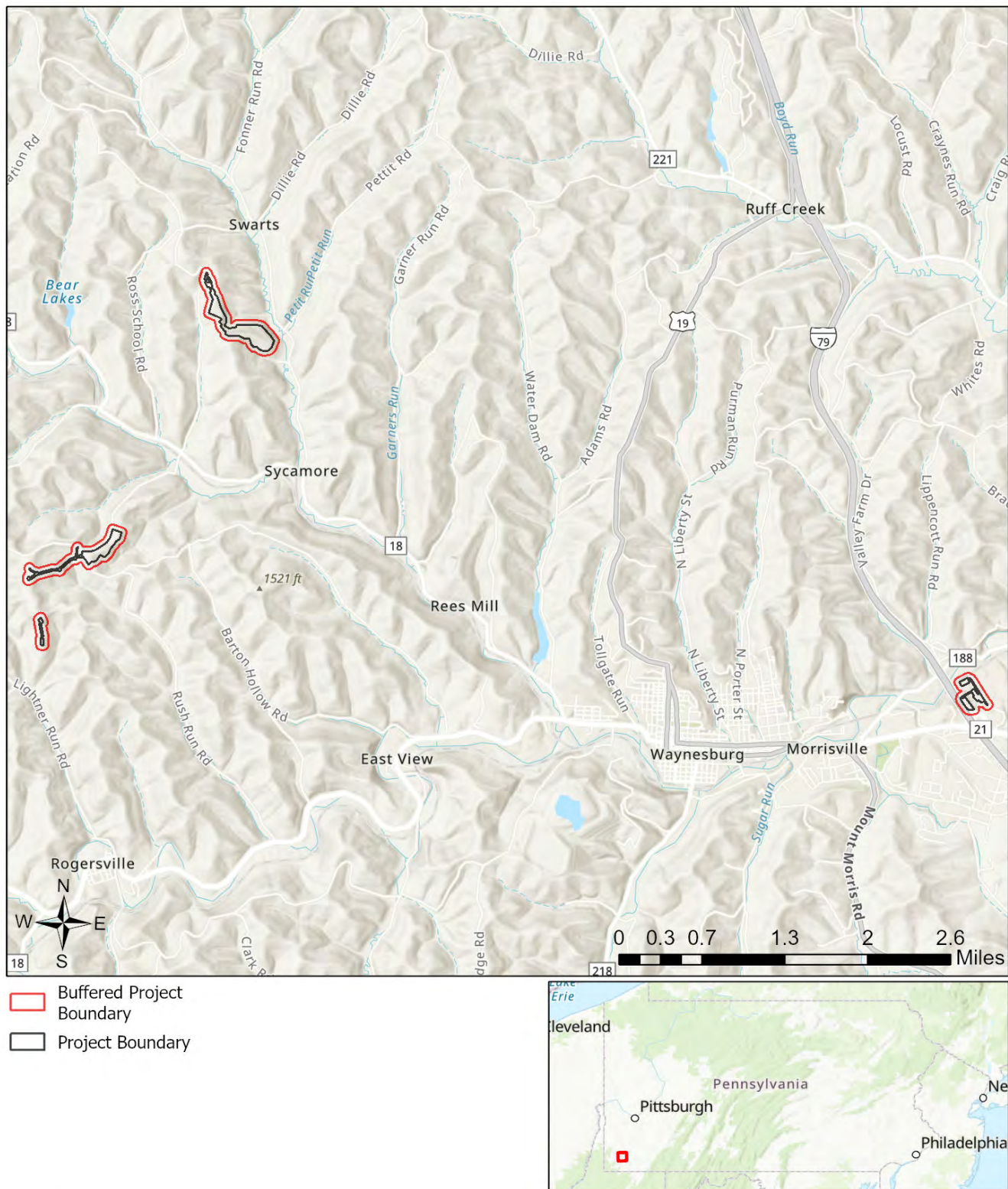


-  Buffered Project Boundary
-  Project Boundary



Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community
Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community

Horizontal Storage Wells



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community
Sources: Esri, Maxar, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA,

RESPONSE TO QUESTION(S) ASKED

Q1: The proposed project is in the range of the Indiana bat. Describe how the project will affect bat habitat (forests, woodlots and trees) and indicate what measures will be taken in consideration of this. Round acreages up to the nearest acre (e.g., 0.2 acres = 1 acre).

Your answer is: The project will affect 1 to 39 acres of forests, woodlots and trees.

Q2: Is tree removal, tree cutting or forest clearing necessary to implement all aspects of this project?

Your answer is: Yes

Q3: Is tree removal, tree cutting or forest clearing of 40 acres or more necessary to implement all aspects of this project?

Your answer is: No

Q4: 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

Q5: 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

Q6: 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: Enter project information into IPaC (<https://ecos.fws.gov/ipac/>). Follow the step-by-step process to review this project's potential effect on federally listed species.

WHAT TO SEND TO JURISDICTIONAL AGENCIES

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

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

Check-list of Minimum Materials to be submitted:

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

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

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

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

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

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

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

4. DEP INFORMATION

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

5. ADDITIONAL INFORMATION

The PNDI environmental review website is a preliminary screening tool. There are often delays in updating species status classifications. Because the proposed status represents the best available information regarding the conservation status of the species, state jurisdictional agency staff give the proposed statuses at least the same consideration as the current legal status. If surveys or further information reveal that a threatened and endangered and/or special concern species and resources exist in your project area, contact the appropriate jurisdictional agency/agencies immediately to identify and resolve any impacts.

For a list of species known to occur in the county where your project is located, please see the species lists by county found on the PA Natural Heritage Program (PNHP) home page (www.naturalheritage.state.pa.us). Also note that the PNDI Environmental Review Tool only contains information about species occurrences that have actually been reported to the PNHP.

6. AGENCY CONTACT INFORMATION

PA Department of Conservation and Natural Resources

Bureau of Forestry, Ecological Services Section
400 Market Street, PO Box 8552
Harrisburg, PA 17105-8552
Email: RA-HeritageReview@pa.gov

PA Fish and Boat Commission

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

U.S. Fish and Wildlife Service

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

PA Game Commission

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

7. PROJECT CONTACT INFORMATION

Name: Robin Weissert
Company/Business Name: GAI Consultants, Inc.
Address: 501 Technology Dr, Suite 1300
City, State, Zip: Canonsburg, PA 15317
Phone: (412) 399-5204 Fax: ()
Email: r.weissert@gaiconsultants.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

5/23/25

date



Southpointe Office
501 Technology Dr
Suite 1300
Canonsburg, Pennsylvania 15317

T 724.873.3545
F 724.873.3549

June 25, 2025

Project R230267.00

U.S. Fish and Wildlife Service
Pennsylvania Ecological Services Field Office
110 Radnor Road, Suite 101
State College, PA 16801
IR1_ESPenn@fws.gov

**Project Submittal for Review (IPaC # 2023-0083883)
Swarts and Hunters Cave Horizontal Storage Wells Project
Equitrans Midstream Corporation
Greene County, Pennsylvania**

Dear Sir or Madam:

On behalf of Equitrans L. P. (Equitrans), GAI Consultants, Inc. is providing information herein to initiate the review process regarding threatened and endangered species and their habitats for the proposed Swarts and Hunters Cave Horizontal Storage Wells Project (Project), located in Greene County, Pennsylvania (PA). The Project, initially started in 2023, involves approximately 68.7 acres of earth disturbance associated with the construction of two new horizontal storage wells, approximately 0.7-mile of new 12-inch diameter natural gas pipelines, associated aboveground facilities, existing facility modifications, access roads, and the use of existing contractor yards in the general Waynesburg area. The Project, located approximately at coordinates 39.941892, -80.250997, is identified on the maps provided in **Attachment A** and is demarcated in the attached Project KMZ file.

A portion of the Project's construction, the Hunters Cave storage well and its associated pipelines, was completed in 2024. Approximately 8.2 acres of tree clearing was associated with this portion of the Project and was completed prior to March 31, 2024, under a clear PA Natural Diversity Index receipt (PNDI-781387).

Construction of the Swarts storage well and its associated access and facilities is planned for late 2025. Approximately 10.5 acres of tree clearing remain within the Project footprint and clearing is planned after November 15, 2025.

PNDI receipt 781387 (**Attachment B**) was updated on May 23, 2025, resulting in the recommendation that the Information for Planning and Consultation (IPaC) tool be used to facilitate further correspondence with the United States Fish and Wildlife Service (USFWS).

Therefore, an Official Species list was obtained from the USFWS's IPaC system, which identified the following additional federally listed species as potentially located near the Project area (Project Code: 2023-0083883; **Attachment C**):

- Indiana Bat (*Myotis sodalis*) – endangered
- Northern Long-eared Bat (*Myotis septentrionalis*) - endangered
- Tricolored Bat (*Perimyotis subflavus*) – proposed endangered
- Monarch Butterfly (*Danaus plexippus*) – candidate species.

No critical habitats were identified within the Project area.

Using the Northern Long-Eared Bat and Tricolored Bat Determination Key (DKey), both the Northern long-eared bat and the tricolored bat received Not Likely to Adversely Affect determinations (**Attachment D**).

Since the Northeastern Species DKey, which addresses the Indiana bat, is not available for use in PA to date, **Attachment E** identifies anticipated effect determinations for the resources not covered under their own DKey.

Therefore, we request USFWS review of the Project with respect to the Indiana bat. On behalf of Equitrans as the Federal Energy Regulatory Commission's non-federal designee, formal consultation concurrence is requested.

June 25, 2025

Project R231312.06

As a non-federal designee, Equitrans requests formal consultation concurrence from the USFWS PA Field Office for compliance with the Endangered Species Act due to federal nexus associated with regulation by the Federal Energy Regulatory Commission (FERC).

GAI and Equitrans thank you in advance for your assistance. If you have any questions or require further information, please feel free to contact Ms. Robin Weissert at 412.399.5204 or r.weissert@gaiconsultants.com.

Sincerely,

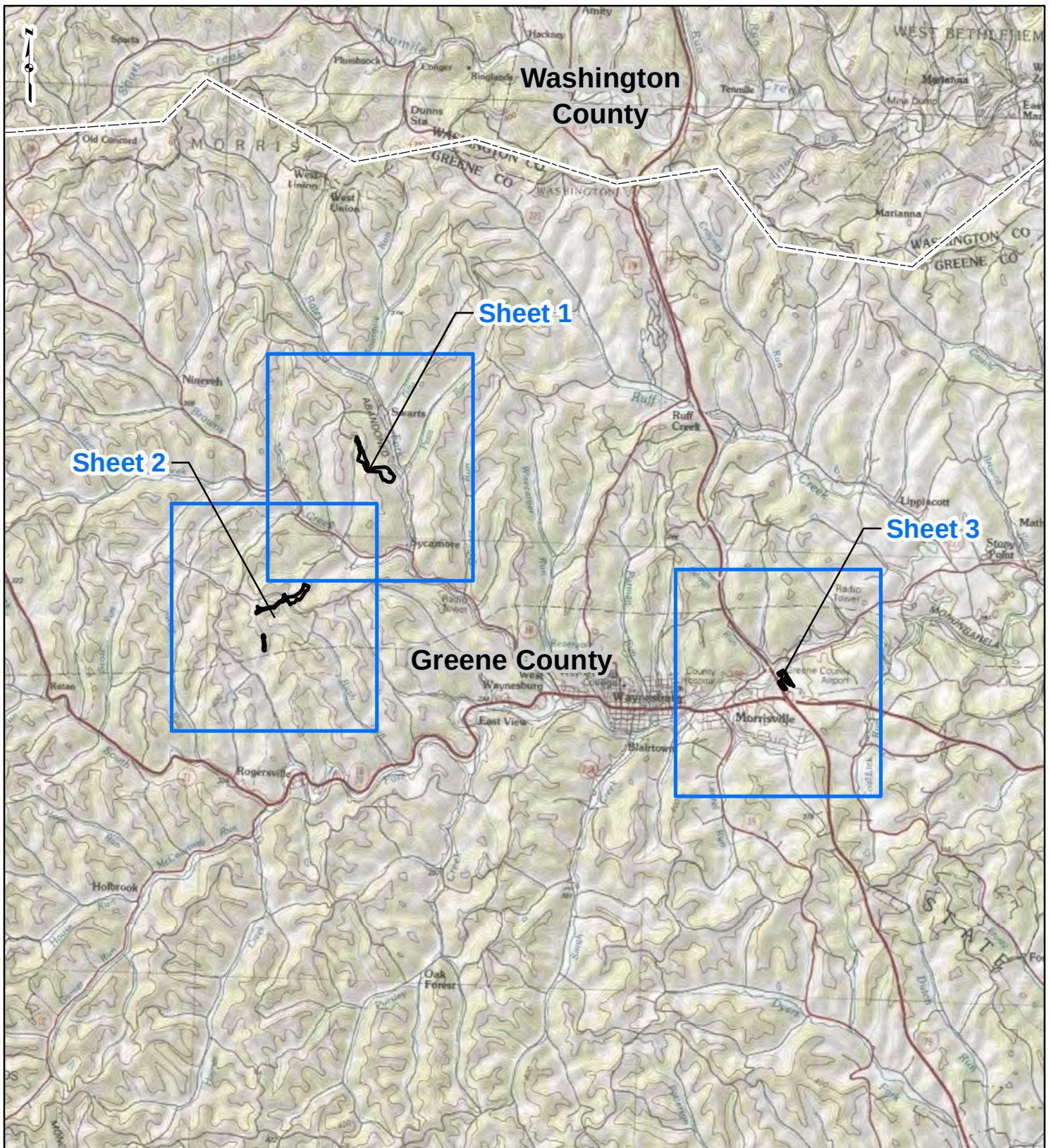
GAI Consultants, Inc.



Robin Weissert
Senior Environmental Manager

Attachments

ATTACHMENT A
PROJECT LOCATION MAP



PROJECT LOCATION



GREENE
COUNTY, PENNSYLVANIA

LEGEND

- Limit Of Disturbance
- Map Index Sheet
- County Boundary

0 5,000 10,000 20,000
Feet

FIGURE 1 PROJECT LOCATION SHEET INDEX



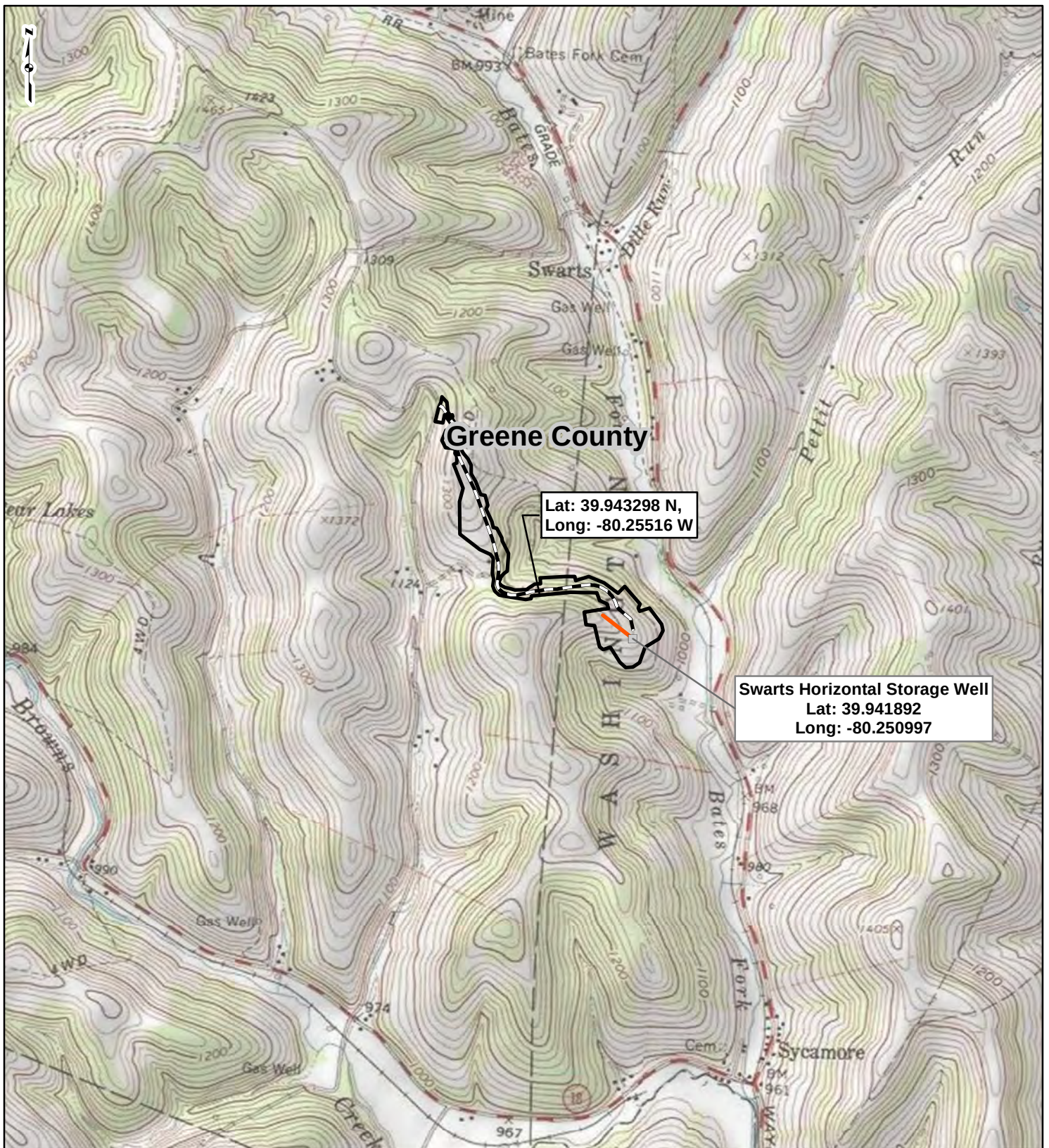
SWARTS AND HUNTERS CAVE
WELL REPLACEMENT
PROJECT

EQUITRANS

DRAWN BY: AJW
CHECKED: TDB

DATE: 6/23/2023
APPROVED: RDW

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: AMITY (1969), ELLSWORTH (1979), GALARDS FORT (1980), HOLBROOK (1973), MATHER (1973), OAK FOREST (1973), PROSPERITY (1973), ROGERSVILLE (1973), AND WAYNESBURG (1973), PENNSYLVANIA, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND USGS, ACCESSED 6/23/2023.



PROJECT LOCATION



GREENE
COUNTY, PENNSYLVANIA

LEGEND

- Wells
- Centerline
- Access Road
- Limit of Disturbance
- County Boundary

0 1,000 2,000 4,000
Feet

FIGURE 1 PROJECT LOCATION SHEET 1 OF 3



SWARTS AND HUNTERS CAVE
WELL REPLACEMENT
PROJECT

EQUITRANS

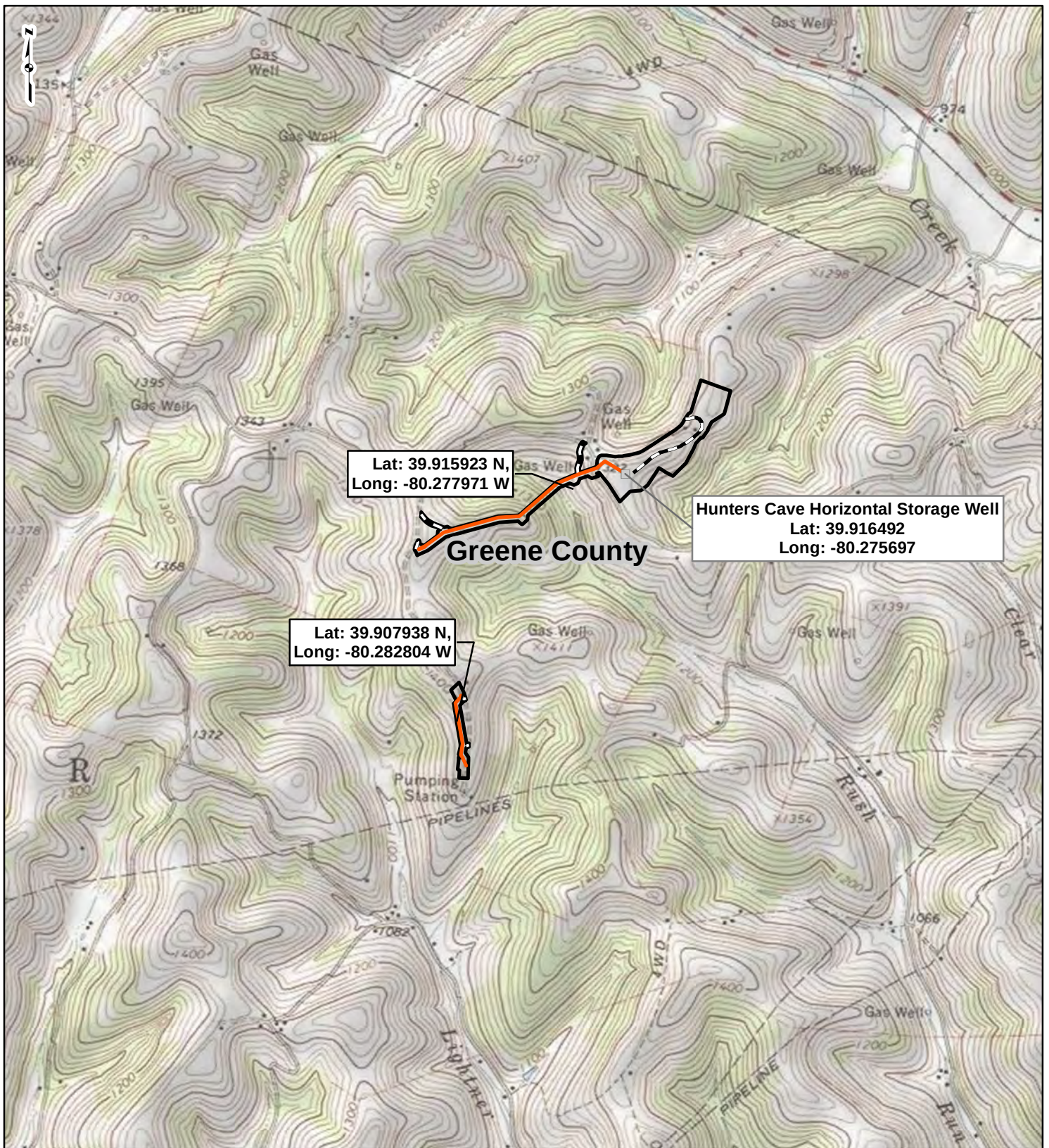
DRAWN BY: JPK

DATE: 8/30/2023

CHECKED: TDB

APPROVED: RDW

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: MATHER (1973), ROGERSVILLE (1973), AND WAYNESBURG (1973), PENNSYLVANIA, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND USGS, ACCESSED 8/30/2023 .



PROJECT LOCATION



GREENE
COUNTY, PENNSYLVANIA

LEGEND

- Wells
- Centerline
- Access Road
- Limit of Disturbance
- County Boundary

0 1,000 2,000 4,000 Feet

FIGURE 1 PROJECT LOCATION SHEET 2 OF 3



SWARTS AND HUNTERS CAVE
WELL REPLACEMENT
PROJECT

EQUITRANS

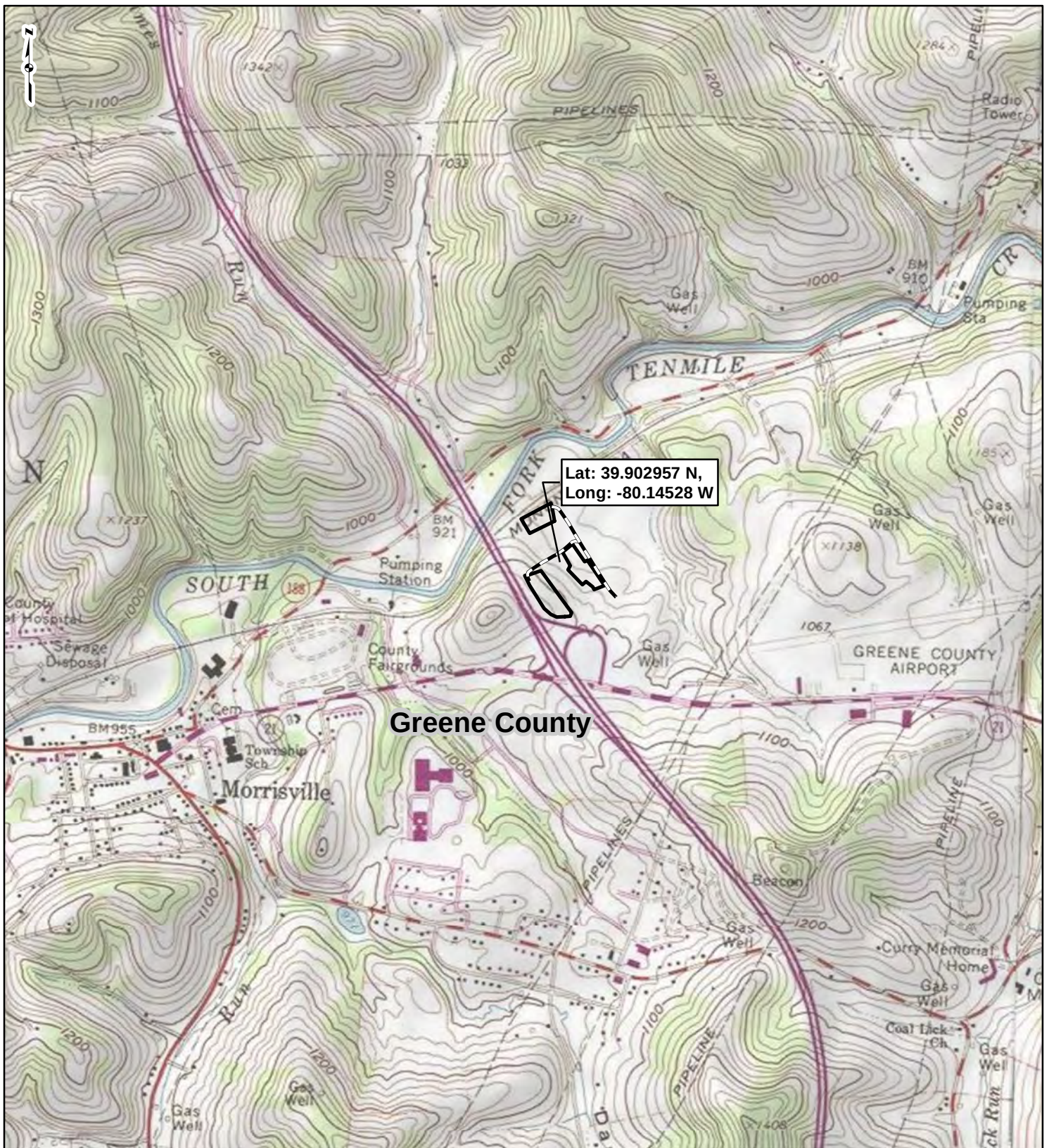
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APPROVED: RDW

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PROJECT LOCATION



GREENE
COUNTY, PENNSYLVANIA

LEGEND

- Wells
- Access Road
- Limit of Disturbance
- County Boundary

0 1,000 2,000 4,000
Feet

FIGURE 1 PROJECT LOCATION SHEET 3 OF 3



SWARTS AND HUNTERS CAVE
WELL REPLACEMENT
PROJECT

EQUITRANS

DRAWN BY: JPK

DATE: 8/30/2023

CHECKED: TDB

APPROVED: RDW

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: MATHER (1973), ROGERSVILLE (1973), AND WAYNESBURG (1973), PENNSYLVANIA, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND USGS, ACCESSED 8/30/2023 .

ATTACHMENT B

Pennsylvania Natural Diversity Index Receipt

1. PROJECT INFORMATION

Project Name: **Horizontal Storage Wells**

Date of Review: **5/23/2025 03:00:37 PM**

Project Category: **Energy Storage, Production, and Transfer, Energy Storage, Other**

Project Area: **77.92 acres**

County(s): **Greene**

Township/Municipality(s): **Center Township; Franklin Township; Morris Township; Washington Township**

ZIP Code:

Quadrangle Name(s): **ROGERSVILLE; WAYNESBURG**

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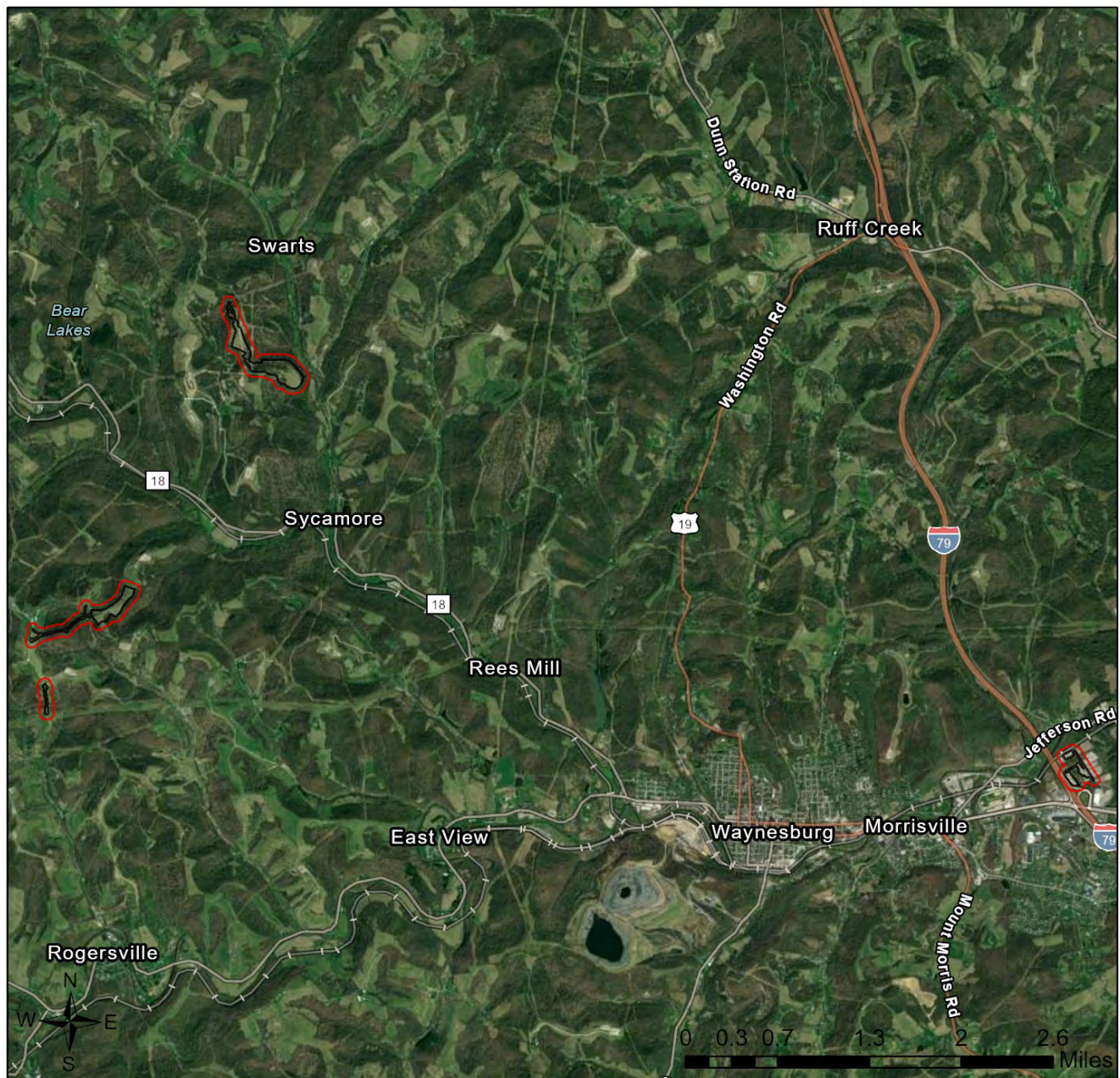
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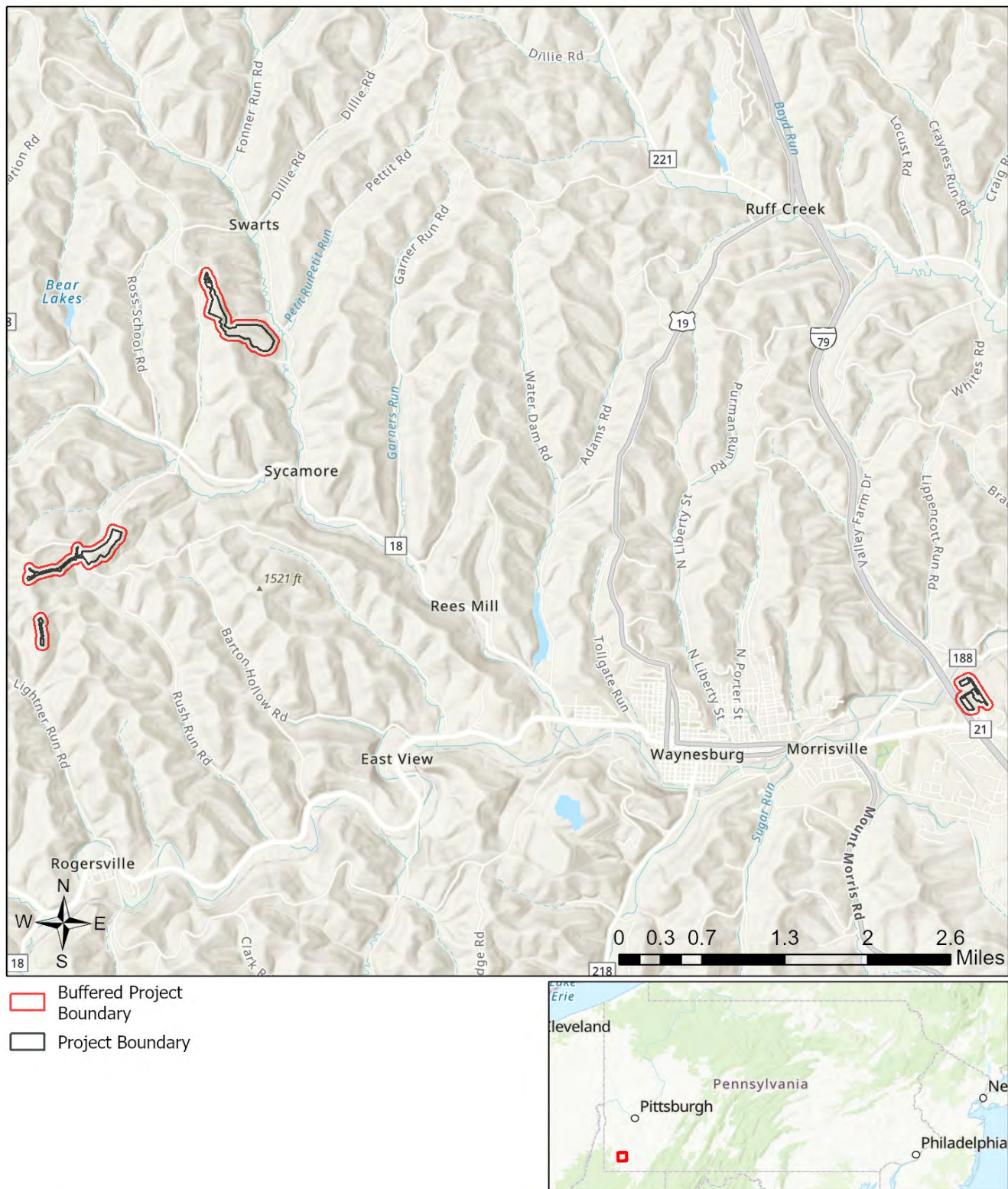


-  Buffered Project Boundary
-  Project Boundary



Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community
Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community

Horizontal Storage Wells



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community
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RESPONSE:

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PA Fish and Boat Commission

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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: Robin Weissert
Company/Business Name: GAI Consultants, Inc.
Address: 501 Technology Drive, Suite 1300
City, State, Zip: Canonsburg, PA 15317
Phone: (412) 399-5204 Fax: ()
Email: r.weissert@gaiconsultants.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

5/23/25

date

ATTACHMENT C
IPaC Official Species List



United States Department of the Interior

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



In Reply Refer To:

05/29/2025 16:34:28 UTC

Project Code: 2023-0083883

Project Name: Swarts and Hunters Cave Horizontal Storage Wells Project

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

To Whom It May Concern:

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

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

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

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

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

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

<https://www.fws.gov/sites/default/files/documents/endangered-species-consultation-handbook.pdf>

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

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

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

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

Attachment(s):

- Official Species List
- USFWS National Wildlife Refuges and Fish Hatcheries
- Bald & Golden Eagles
- Migratory Birds
- Wetlands

OFFICIAL SPECIES LIST

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

This species list is provided by:

Pennsylvania Ecological Services Field Office

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

PROJECT SUMMARY

Project Code: 2023-0083883

Project Name: Swarts and Hunters Cave Horizontal Storage Wells Project

Project Type: Pipeline - Onshore - New Constr - Below Ground

Project Description: New horizontal storage wells and ancillary facilities

Project Location:

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@39.9166539,-80.27570274271935,14z>



Counties: Greene County, Pennsylvania

ENDANGERED SPECIES ACT SPECIES

There is a total of 4 threatened, endangered, or candidate species on this species list.

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

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

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

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

MAMMALS

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

INSECTS

NAME	STATUS
Monarch Butterfly <i>Danaus plexippus</i> There is proposed critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/9743	Proposed Threatened

CRITICAL HABITATS

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

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

USFWS NATIONAL WILDLIFE REFUGE LANDS AND FISH HATCHERIES

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

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

BALD & GOLDEN EAGLES

Bald and Golden Eagles are protected under the Bald and Golden Eagle Protection Act ² and the Migratory Bird Treaty Act (MBTA) ¹. Any person or organization who plans or conducts activities that may result in impacts to Bald or Golden Eagles, or their habitats, should follow appropriate regulations and consider implementing appropriate avoidance and minimization measures, as described in the various links on this page.

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

BALD & GOLDEN EAGLES INFORMATION WAS NOT AVAILABLE WHEN THIS SPECIES LIST WAS GENERATED. PLEASE CONTACT THE FIELD OFFICE FOR FURTHER INFORMATION.

MIGRATORY BIRDS

The Migratory Bird Treaty Act (MBTA) ¹ prohibits the take (including killing, capturing, selling, trading, and transport) of protected migratory bird species without prior authorization by the Department of Interior U.S. Fish and Wildlife Service (Service). The incidental take of migratory birds is the injury or death of birds that results from, but is not the purpose, of an activity. The Service interprets the MBTA to prohibit incidental take.

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

MIGRATORY BIRD INFORMATION WAS NOT AVAILABLE WHEN THIS SPECIES LIST WAS GENERATED. PLEASE CONTACT THE FIELD OFFICE FOR FURTHER INFORMATION.

WETLANDS

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

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

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

RIVERINE

- R4SBC

IPAC USER CONTACT INFORMATION

Agency: GAI Consultants, Inc.

Name: Robin Weissert

Address: 6000 Town Center Blvd, Suite 300

City: Canonsburg

State: PA

Zip: 15317

Email: r.weissert@gaiconsultants.com

Phone: 4123995204

LEAD AGENCY CONTACT INFORMATION

Lead Agency: Federal Energy Regulatory Commission

ATTACHMENT D

Northern Long-Eared Bat and Tricolored Bat Determination Key



United States Department of the Interior

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



In Reply Refer To:

06/25/2025 14:45:31 UTC

Project code: 2023-0083883

Project Name: Swarts and Hunters Cave Horizontal Storage Wells Project

Federal Nexus: yes

Federal Action Agency (if applicable): Federal Energy Regulatory Commission

Subject: Federal agency coordination under the Endangered Species Act, Section 7 for 'Swarts and Hunters Cave Horizontal Storage Wells Project'

Dear Robin Weissert:

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 June 25, 2025, for 'Swarts and Hunters Cave Horizontal Storage Wells Project' (here forward, Project). This project has been assigned Project Code 2023-0083883 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 on your IPaC submission and a standing analysis completed by the Service, you determined the proposed Project will have the following effect determinations:

Species	Listing Status	Determination
Northern Long-eared Bat (<i>Myotis septentrionalis</i>)	Endangered	NLAA
Tricolored Bat (<i>Perimyotis subflavus</i>)	Proposed	NLAA
	Endangered	

Federal agencies must consult with U.S. Fish and Wildlife Service under section 7(a)(2) of the Endangered Species Act (ESA) when an action *may affect* a listed species. Tricolored bat is proposed for listing as endangered under the ESA, but not yet listed. For actions that may affect a proposed species, agencies cannot consult, but they can *confer* under the authority of section 7(a)(4) of the ESA. Such conferences can follow the procedures for a consultation and be adopted as such if and when the proposed species is listed. Should the tricolored bat be listed, agencies must review projects that are not yet complete, or projects with ongoing effects within the tricolored bat range that previously received a NE or NLAA determination from the key to confirm that the determination is still accurate.

Unless the Service advises you within 15 days of the date of this letter that your IPaC-assisted determination was incorrect, this letter verifies that consultation on the Action is complete for northern long-eared bat and/or tricolored bat and no further action is necessary unless either of the following occurs:

- new information reveals effects of the action that may affect the northern long-eared bat or tricolored bat in a manner or to an extent not previously considered; or,
- the identified action is subsequently modified in a manner that causes an effect to the northern long-eared bat or tricolored bat that was not considered when completing the determination key.

15-Day Review Period

As indicated above, the Service will notify you within 15 calendar days if we determine that this proposed Action does not meet the criteria for a “may affect, not likely to adversely affect” (NLAA) determination for the northern long-eared bat and/or tricolored bat. If we do not notify you within that timeframe, you may proceed with the Action under the terms of the NLAA concurrence provided here. This verification period allows the identified Ecological Services Field Office to apply local knowledge to evaluation of the Action, as we may identify a small subset of actions having impacts that we did not anticipate when developing the key. In such cases, the identified Ecological Services Field Office may request additional information to verify the effects determination reached through the Northern Long-eared Bat and Tricolored Bat DKey.

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:

- Indiana Bat *Myotis sodalis* Endangered
- Monarch Butterfly *Danaus plexippus* Proposed Threatened

You may coordinate with our Office to determine whether the Action may affect the species and/or critical habitat listed above. Note that reinitiation of consultation would be necessary if a new species is listed or critical habitat designated that may be affected by the identified action before it is complete.

If you have any questions regarding this letter or need further assistance, please contact the Pennsylvania Ecological Services Field Office and reference Project Code 2023-0083883 associated with this Project.

Action Description

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

1. Name

Swarts and Hunters Cave Horizontal Storage Wells Project

2. Description

The following description was provided for the project 'Swarts and Hunters Cave Horizontal Storage Wells Project':

New horizontal storage wells and ancillary facilities

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@39.9166539,-80.27570274271935,14z>



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?

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.

Note: For federal actions, answer ‘yes’ if the construction or operation of wind power facilities is either (1) part of the federal action or (2) would not occur but for a federal agency action (federal permit, funding, etc.).

No

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

Yes

6. Is the Federal Highway Administration (FHWA), Federal Railroad Administration (FRA), or Federal Transit Administration (FTA) funding or authorizing the proposed action, in whole or in part?

No

7. Are you an employee of the federal action agency or have you been officially designated in writing by the agency as its designated non-federal representative for the purposes of Endangered Species Act Section 7 informal consultation per 50 CFR § 402.08?

Note: This key may be used for federal actions and for non-federal actions to facilitate section 7 consultation and to help determine whether an incidental take permit may be needed, respectively. This question is for information purposes only.

No

8. Is the lead federal action agency the Environmental Protection Agency (EPA) or Federal Communications Commission (FCC)? Is the Environmental Protection Agency (EPA) or Federal Communications Commission (FCC) funding or authorizing the proposed action, in whole or in part?

No

9. Is the lead federal action agency the Federal Energy Regulatory Commission (FERC)?

Yes

10. Is FERC reviewing the proposed action under the Natural Gas Act, in whole or in part?

Yes

11. [Semantic] Is the action area located within 0.5 miles of a known bat hibernaculum? 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

12. 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

13. 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

14. Will the action cause effects to a bridge?

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

No

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

No

16. 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 Appendix A of the USFWS' Range-wide Indiana Bat and Northern long-eared bat Survey Guidelines at: <https://www.fws.gov/media/range-wide-indiana-bat-and-northern-long-eared-bat-survey-guidelines>.

Yes

17. Does the action include the intentional exclusion of bats from a building or 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

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

No

19. 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

20. 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

21. 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

22. 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

23. 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

24. Will the action include drilling or blasting?

Yes

25. 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 Appendix A in the USFWS' Range-wide Indiana Bat and Northern long-eared Bat Survey Guidelines at: <https://www.fws.gov/media/range-wide-indiana-bat-and-northern-long-eared-bat-survey-guidelines>

Yes

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

No

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

No

28. 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 Appendix A of the USFWS' Range-wide Indiana Bat and Northern long-eared bat Survey Guidelines at: <https://www.fws.gov/media/range-wide-indiana-bat-and-northern-long-eared-bat-survey-guidelines>.

No

29. Does the action include, or is it reasonably certain to cause, the use of permanent or temporary artificial lighting within 1000 feet of suitable 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 Appendix A of the USFWS' Range-wide Indiana Bat and Northern long-eared bat Survey Guidelines at: <https://www.fws.gov/media/range-wide-indiana-bat-and-northern-long-eared-bat-survey-guidelines>.

No

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

Yes

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

No

32. 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

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

Automatically answered

No

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

Automatically answered

No

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

Automatically answered

No

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

Automatically answered

Yes

37. 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

38. 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

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

Automatically answered

Yes

40. [Semantic] Is the action area located within 0.5 miles of radius of an entrance/opening to any known NLEB hibernacula? **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

41. [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

42. [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?

Automatically answered

No

43. [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

44. 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 Appendix A of the USFWS' Range-wide Indiana Bat and Northern long-eared bat Survey Guidelines at: <https://www.fws.gov/media/range-wide-indiana-bat-and-northern-long-eared-bat-survey-guidelines>.

Yes

45. 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

46. Will drilling or blasting 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 L of the Service's Range-wide Indiana Bat and Northern long-eared Bat Survey Guidelines.

No

47. 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 Appendix A of the USFWS' Range-wide Indiana Bat and Northern long-eared bat Survey Guidelines at: <https://www.fws.gov/media/range-wide-indiana-bat-and-northern-long-eared-bat-survey-guidelines>.

Yes

48. 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 L of the Service's Range-wide Indiana Bat and Northern long-eared Bat Survey [Guidelines](#).

No

49. Does the action area intersect the tricolored bat species list area?

Automatically answered

Yes

50. [Semantic] Is the action area located within 0.5 miles of radius of an entrance/opening to any known tricolored bat hibernacula? 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

51. [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

52. Is suitable summer habitat for the tricolored bat present within 1000 feet of project activities?
(If unsure, answer ""Yes."")

Note: If there are trees within the action area that may provide potential roosts for tricolored bats (e.g., clusters of leaves in live and dead deciduous trees, Spanish moss (*Tillandsia usneoides*), clusters of dead pine needles of large live pines) answer ""Yes."" For a complete definition of suitable summer habitat for the tricolored bat, please see Appendix A in the [Service's Range-wide Indiana Bat and Northern long-eared Bat Survey Guidelines](#).

Yes

53. Will drilling or blasting occur during the **Pup season** for tricolored bats in the action area?

Note: Bat activity periods for your state can be found in Appendix L of the Service's Range-wide Indiana Bat and Northern long-eared Bat Survey Guidelines

No

54. Do any of the trees proposed for cutting or other means of knocking down, bringing down, topping, or trimming provide potential roosts for tricolored bats (e.g., clusters of leaves in live and dead deciduous trees, Spanish moss (*Tillandsia usneoides*), clusters of dead pine needles of large live pine trees)?

Note: Additional information defining suitable summer habitat for the northern long-eared bat and tricolored bat can be found in Appendix A of the USFWS' Range-wide Indiana Bat and Northern long-eared bat Survey Guidelines at: <https://www.fws.gov/media/range-wide-indiana-bat-and-northern-long-eared-bat-survey-guidelines>.

Yes

55. Will any tree cutting/trimming or other knocking or bringing down of trees be conducted during the Pup Season for tricolored bat?

Note: Bat activity periods for your state can be found in Appendix L of the [Service's Range-wide Indiana Bat and Northern long-eared Bat Survey Guidelines](#).

No

56. 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.

18.7

IPAC USER CONTACT INFORMATION

Agency: GAI Consultants, Inc.
Name: Robin Weissert
Address: 6000 Town Center Blvd, Suite 300
City: Canonsburg
State: PA
Zip: 15317
Email: r.weissert@gaiconsultants.com
Phone: 4123995204

LEAD AGENCY CONTACT INFORMATION

Lead Agency: Federal Energy Regulatory Commission

ATTACHMENT E

Endangered Species Act Determination Table

Endangered Species Act (ESA) Section 7 Determination Table

Project Name: Swarts and Hunters Cave Horizontal Storage Wells Project

Date: June 25, 2025

Consultation Code: 2023-0083883

Species / Resource Name	Habitat/Species Presence in Action Area	Sources of Info	ESA Section 7 Determination	Project Elements that Support Determination
Indiana Bat <i>(Myotis sodalis)</i> Endangered	10.5 acres of forested land are within the Project's limit of disturbance	Desktop Review	Not Likely to Adversely Affect	Equitrans will implement winter tree clearing from November 15 to March 31.
Northern Long-eared Bat <i>(Myotis spetentrionalis)</i> Endangered	10.5 acres of forested land are within the Project's limit of disturbance	Desktop Review, DKey	Not Likely to Adversely Affect	Equitrans will implement winter tree clearing from November 15 to March 31.
Tricolored Bat <i>(Perimyotis subflavus)</i> Proposed Endangered	10.5 acres of forested land are within the Project's limit of disturbance	Desktop Review, DKey	Not Likely to Adversely Affect	Equitrans will implement winter tree clearing from November 15 to March 31.
Monarch Butterfly <i>(Danaus plexippus)</i> Candidate	Suitable habitat not present	Desktop and Field Review	No Effect	Area is composed of agricultural land, forested areas, and existing logging infrastructure. Milkweed presence was not observed in the area at the time of field survey (2023).
Critical habitat not present	N/A	IPaC	N/A	N/A

Tracy Seeberger

From: Shellenberger, Pamela <pamela_shellenberger@fws.gov> on behalf of IR1 ESPenn <IR1_ESPenn@fws.gov>
Sent: Thursday, June 26, 2025 10:24 AM
To: Julia Griffin
Cc: Robin Weissert; Thomas, Renee J.
Subject: Re: [EXTERNAL] IPaC Project Code 2023-0083883 - Swarts and Hunters Cave Horizontal Storage Wells Project - PNDI #781387

Follow Up Flag: Follow up
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Thank you for submitting this information.

The commitments you made for the northern long-eared bat which resulted in a NLAA determination will suffice for the Indiana bat and a similar conclusion can be made for that species. Therefore, no further coordination with our office is necessary.

Thank you!

Pam Shellenberger

From: Julia Griffin <J.Griffin@gaiconsultants.com>
Sent: Wednesday, June 25, 2025 3:44 PM
To: IR1 ESPenn <IR1_ESPenn@fws.gov>
Cc: Robin Weissert <R.Weissert@gaiconsultants.com>; RThomas@eqt.com <RThomas@eqt.com>
Subject: [EXTERNAL] IPaC Project Code 2023-0083883 - Swarts and Hunters Cave Horizontal Storage Wells Project - PNDI #781387

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Hello,

On behalf of Equitrans L. P. (Equitrans), GAI Consultants, Inc. is providing information herein for your review regarding threatened and endangered species and their habitats for the proposed Swarts and Hunters Cave Horizontal Storage Wells Project (Project), located in Greene County, Pennsylvania (PA). A portion of the Project, the Hunters Cave storage well and its associated pipelines, was constructed in 2023 under a clear PA Natural Diversity Index receipt (PNDI-781387). Construction of the Swarts storage well and its associated access and facilities is planned for late 2025.

PNDI receipt 781387 was updated on May 23, 2025, resulting in the new recommendation that the Information for Planning and Consultation tool be used to facilitate further correspondence with the United States Fish and Wildlife Service. Since the Northeastern Species Determination Key, which addresses the Indiana bat, is not available for use in PA to date, Equitrans is requesting concurrence with the effect determinations outlined in Attachment E of the attached request document for the resources not covered under their own DKey.

Please let us know if you have any questions or require further information. We appreciate your assistance with this Project.

Thank you,

Julia Griffin

Assistant Environmental Specialist 2

GAI Consultants, 385 E. Waterfront Drive, Homestead, PA 15120-5005

T 412.399.5158



GAI Consultants

ENGINEERING, PLANNING, AND ENVIRONMENTAL CONSULTING SINCE 1958

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DEP USE ONLY	
APS No.	Site No.
Permit No.	Auth. ID No.

COORDINATION OF A WELL LOCATION WITH PUBLIC RESOURCES

Well Operator Equitrans, LP		DEP ID No. 27639	Well Farm Name and No. Swarts #2	
Address 2200 Energy Drive			Project No. (if previously assigned) 059-28512	
City Canonsburg	State PA	Zip Code 15317	County Greene	Municipality Washington
Phone No. 412-239-1874	Fax No.		Latitude N 39° 56' 30.81"	Longitude W 80° 15' 03.59"
1. Will the well be located in or within 200 ft. of a publicly owned park, forest, gameland, designated wildlife area, or Natural National Landmark?			☐ Yes ☒ No	
2. Will the well be located within the corridor of a state or national scenic river?			☐ Yes ☒ No	
3. If answering "Yes" to questions 1 or 2, name the public resource(s).				
List the name, address, and phone number of the person responsible for management of the public resource.				
Must the administrator of the public resource approve or otherwise authorize the proposed well, well site, access road, or gathering pipeline?			☐ Yes ☐ No	
Has the approval or authorization been received?			☐ Yes ☐ No	
4. Has the search of the proposed well location against the Pennsylvania Natural Diversity Inventory (PNDI), or any other evaluation, identified a potential conflict with a species of special concern?			☒ Yes ☐ No	
If "Yes", provide PNDI Search Number <u>PNDI-781387</u> or attach a copy of the PNDI Search Results.				
If a potential conflict with a species of special concern was identified, give the name of the responsible agency. PA Game Commission				
5. Will the well be located within 200 ft. of any historical or archaeological sites listed as national or state historic places?			☐ Yes ☒ No	
6. If the proposed well is an unconventional well, will the well be located within 1000 ft. of water wells, surface water intakes, reservoirs, or other water supply extraction points used by a water purveyor?			☐ Yes ☒ No	
7. If the answer to questions 1, 2, 4, 5, or 6 is "YES", describe in detail the coordination with applicable resource agencies, the potential impacts to any public resource identified above, if any, and the additional measures proposed to avoid, minimize, or otherwise mitigate the impacts to public resources. 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.				



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

DEP USE ONLY	
APS No.	Site No.
Permit No.	Auth. ID No.

COORDINATION OF A WELL LOCATION WITH PUBLIC RESOURCES

Well Operator Equitrans, LP		DEP ID No. 27639	Well Farm Name and No. Swarts #2	
Address 2200 Energy Drive			Project No. (if previously assigned) 059-28512	
City Canonsburg	State PA	Zip Code 15317	County Greene	Municipality Washington
Phone No. 412-239-1874	Fax No.		Latitude N 39° 56' 30.81"	Longitude W 80° 15' 03.59"
1. Will the well be located in or within 200 ft. of a publicly owned park, forest, gameland, designated wildlife area, or Natural National Landmark?				☐ Yes ☒ No
2. Will the well be located within the corridor of a state or national scenic river?				☐ Yes ☒ No
3. If answering "Yes" to questions 1 or 2, name the public resource(s).				
List the name, address, and phone number of the person responsible for management of the public resource.				
Must the administrator of the public resource approve or otherwise authorize the proposed well, well site, access road, or gathering pipeline?				☐ Yes ☐ No
Has the approval or authorization been received?				☐ Yes ☐ No
4. Has the search of the proposed well location against the Pennsylvania Natural Diversity Inventory (PNDI), or any other evaluation, identified a potential conflict with a species of special concern?				☒ Yes ☐ No
If "Yes", provide PNDI Search Number <u>PNDI-781387</u> or attach a copy of the PNDI Search Results.				
If a potential conflict with a species of special concern was identified, give the name of the responsible agency. U.S. Fish and Wildlife Service, species of concern Indiana Bat, Northern Long-eared Bat, Tricolored Bat and Monarch Butterfly.				
5. Will the well be located within 200 ft. of any historical or archaeological sites listed as national or state historic places?				☐ Yes ☒ No
6. If the proposed well is an unconventional well, will the well be located within 1000 ft. of water wells, surface water intakes, reservoirs, or other water supply extraction points used by a water purveyor?				☐ Yes ☒ No



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

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APS No.	Site No.
Permit No.	Auth. ID No.

7. If the answer to questions 1, 2, 4, 5, or 6 is "YES", describe in detail the coordination with applicable resource agencies, the potential impacts to any public resource identified above, if any, and the additional measures proposed to avoid, minimize, or otherwise mitigate the impacts to public resources.

Potential impacts to state and federally listed species which are under the jurisdiction of the USFWS may occur as a result of this project. PNDI receipt 781387 was updated on May 23, 2025, resulting in the recommendation that the Information for Planning and Consultation (IPaC) tool be used to facilitate further correspondence with the USFWS.

An Official Species list was obtained from the USFWS's IPaC system, which identified the following additional listed species as potentially located near the Project area: Indiana Bat, Northern Long-eared Bat, Tricolored Bat and Monarch Butterfly.

Using the Northern Long-Eared Bat and Tricolored Bat Determination Key (DKey), both the Northern long-eared bat and the tricolored bat received Not Likely to Adversely Affect determinations (NLAA).

Since the Northeastern Species DKey, which addresses the Indiana bat, was not available for use in PA, a email was sent to the USFWS. The USFWS concluded that the commitments made for the northern long-eared bat which resulted in a NLAA determination will suffice for the Indiana bat and a similar conclusion can be made for that species.

There is no proposed critical habitat in PA for the Monarch Butterfly, and the Determination is No Effect.

Conservations Measure: Tree Clearing Avoidance will be enacted and all clearing will be performed between November 15th and March 31st.

Name	SL	WS	GO	MU	AMU	CON	COW	CL	CM	Notification Type	Sent Date	Delivery Date	Mail Delivery Date	Long DD	Lat DD	Address1	City	State	Zip Code
HARDEN FARMS LLC (18-08-0111, 18-08-104)	Y	Y								MAIL	8/21/2025	Y	8/22/2025	39.942885	-80.248222	1497 BEDILLION ROAD	WASHINGTON	PA	15301
WASHINGTON TOWNSHIP, GREENE COUNTY				Y						MAIL	8/21/2025	Y	8/25/2025			112 Municipal Lane	Prosperity	PA	15329
MORRIS TOWNSHIP, GREENE COUNTY					Y					MAIL	8/21/2025	Y	8/22/2025			1317 Browns Creek Road	Sycamore	PA	15364
MORRIS TOWNSHIP, WASHINGTON COUNTY					Y					MAIL	8/21/2025	Y	8/22/2025			77 Park Dr	Prosperity	PA	15329
AMWELL TOWNSHIP, WASHINGTON COUNTY					Y					MAIL	8/21/2025	Y	8/25/2025			885 Amity Ridge Rd	Amity	PA	15311
WEST BETHLEHEM TOWNSHIP, WASHINGTON COUNTY					Y					MAIL	8/21/2025	Y	8/22/2025			PO Box 309 247 Jefferson Avenue	Marianna	PA	15345
MORGAN TOWNSHIP, GREENE COUNTY					Y					MAIL	8/21/2025	Y	8/22/2025			PO Box 3 1019 Third Street Extension	Mather	PA	15346
FRANKLIN TOWNSHIP, GREENE COUNTY					Y					MAIL	8/21/2025	Y	8/22/2025			568 Rolling Meadows Road	Waynesburg	PA	15370
CONSOL PENNSYLVANIA COAL COMPANY									Y	MAIL	8/21/2025	Y	8/22/2025			275 Technology Drive Suite 101	Canonsburg	PA	15317
JANE C. WISEMAN							Y			MAIL	8/21/2025	Y	8/25/2025			1416 Carillo St	The Villages	FL	32162
CONSOL PENNSYLVANIA COAL COMPANY LLC							Y			MAIL	8/21/2025	Y	8/22/2025			275 Technology Drive Suite 101	Canonsburg	PA	15317
EQUITRANS, L.P. ATTN: GERALD SMITH			Y							MAIL	8/27/2025	Y	8/29/2025			2200 ENERGY DRIVE	Canonsburg	PA	15317

ORIGIN ID:PITA (412) 790-6725
ALICIA WISCHMANN
KEYSTONE CONSULTANTS, LLC
680 ANDERSEN DRIVE
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PITTSBURGH, PA 15220
UNITED STATES US

SHIP DATE: 21AUG25
ACTWGT: 0.50 LB
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TO HARDEN FARMS LLC

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1497 BEDILLION ROAD

WASHINGTON PA 15301

REF: SWARTS #2

(000) 000-0000
INV: 3696 23.25
PO: 001

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MON - 25 AUG 5:00P

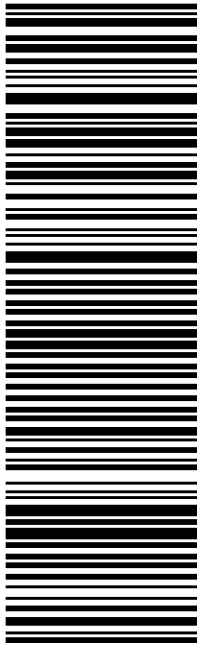
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		Weight:	0.5 LB/0.23 KG
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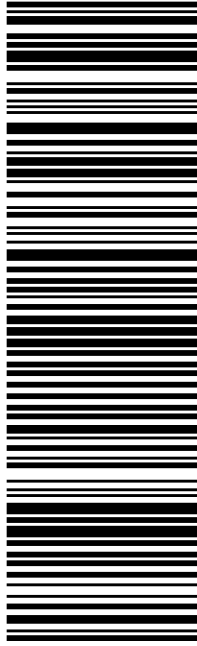
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Tracking number:	883750246271	Ship Date:	Aug 21, 2025
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Recipient:		Shipper:	
PROSPERITY, PA, US,		PITTSBURGH, PA, US,	

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UNITED STATES US

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ACTWGT: 0.50 LB
CAD: 258463954/INET4535

TO MORRIS TOWNSHIP
GREENE COUNTY
1317 BROWNS CREEK ROAD

BILL SENDER

58GJ4/A855/59F2

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(000) 000-0000
INV: 3696 23.25
PO: 001

REF: SWARTS #2

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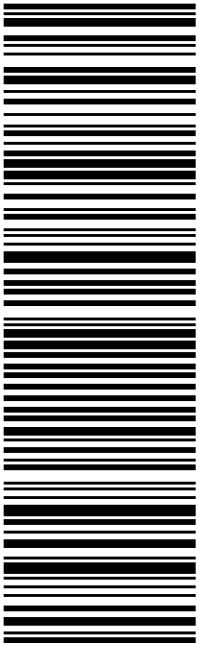
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Special Handling:	Deliver Weekday; No Signature Required		SYCAMORE, PA,
		Delivery date:	Aug 22, 2025 20:58

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Tracking number:	883750273920	Ship Date:	Aug 21, 2025
		Weight:	0.5 LB/0.23 KG
Recipient:		Shipper:	
SYCAMORE, PA, US,		PITTSBURGH, PA, US,	

Reference	SWARTS #2
Purchase Order	001
Invoice	3696.23.25
Department Number	Mapping

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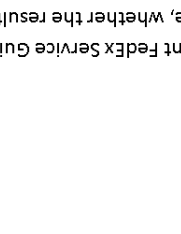
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ACTWGT: 0.50 LB
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INV: 3696 23.25
PO: 001

DEPT: MAPPING

REL #
3785346





REL #
3785346



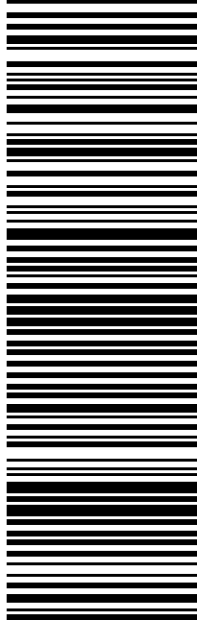


TRK# 8837 5039 2663

0201

MON - 25 AUG 5:00P
** 2DAY **

65 PITA
PA-US
15329



58GJ4/A855/59F2

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Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.



September 04, 2025

Dear Customer,

The following is the proof-of-delivery for tracking number: 883750392663

Delivery Information:

Status:	Delivered	Delivered To:	Shipping/Receiving
Signed for by:	P.Bartolotto	Delivery Location:	
Service type:	FedEx 2Day		
Special Handling:	Deliver Weekday; No Signature Required		PROSPERITY, PA,
		Delivery date:	Aug 22, 2025 09:18

Shipping Information:

Tracking number:	883750392663	Ship Date:	Aug 21, 2025
		Weight:	0.5 LB/0.23 KG
Recipient:		Shipper:	
PROSPERITY, PA, US,		PITTSBURGH, PA, US,	

Reference	SWARTS #2
Purchase Order	001
Invoice	3696.23.25
Department Number	Mapping

FedEx Express proof-of-delivery details appear below; however, no signature is currently available for this shipment. Please check again later for a signature.

Thank you for choosing FedEx

ORIGIN ID:PITA (412) 790-6725
ALICIA WISCHMANN
KEYSTONE CONSULTANTS, LLC
680 ANDERSEN DRIVE
SUITE 400
PITTSBURGH, PA 15220
UNITED STATES US

SHIP DATE: 21AUG25
ACTWGT: 0.50 LB
CAD: 258463954/NET4535

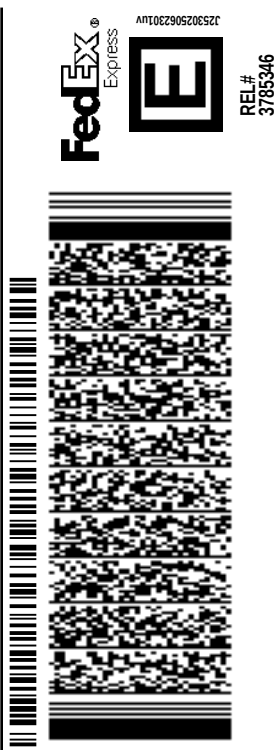
BILL SENDER

TO AMWELL TOWNSHIP
WASHINGTON COUNTY
885 AMITY RIDGE RD

58GJ4/A855/59F2

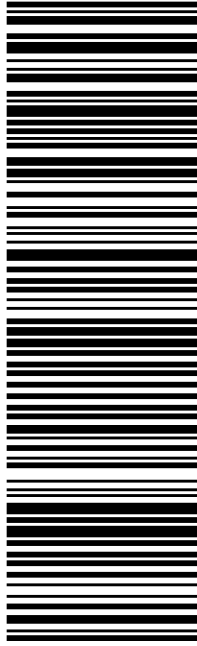
AMITY PA 15311

(000) 000-0000 REF: SWARTS NOTIFICATIONS
INV: 3696 23.25
PO: 001 DEPT: MAPPING



MON - 25 AUG 5:00P
** 2DAY **
TRK# 8837 5059 8943
0201

65 PITA
PA-US PIT 15311



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fedex.com. FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage,
delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document
your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from
FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and
other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized
declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$1,000, e.g.
jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed
within strict time limits, see current FedEx Service Guide.



September 04, 2025

Dear Customer,

The following is the proof-of-delivery for tracking number: 883750598943

Delivery Information:

Status:	Delivered	Delivered To:	Shipping/Receiving
Signed for by:	K.Boling	Delivery Location:	
Service type:	FedEx 2Day		
Special Handling:	Deliver Weekday; No Signature Required		AMITY, PA,
		Delivery date:	Aug 25, 2025 13:56

Shipping Information:

Tracking number:	883750598943	Ship Date:	Aug 21, 2025
		Weight:	0.5 LB/0.23 KG
Recipient:		Shipper:	
AMITY, PA, US,		PITTSBURGH, PA, US,	

Reference	Swarts Notifications
Purchase Order	001
Invoice	3696.23.25
Department Number	Mapping

FedEx Express proof-of-delivery details appear below; however, no signature is currently available for this shipment. Please check again later for a signature.

Thank you for choosing FedEx

ORIGIN ID: PITA (412) 790-6725
 ALICIA WISCHMANN
 KEYSTONE CONSULTANTS, LLC
 680 ANDERSEN DRIVE
 SUITE 400
 PITTSBURGH, PA 15220
 UNITED STATES US

TO WEST BETHELEHEM TOWNSHIP
WASHINGTON COUNTY
247 JEFFERSON AVENUE

MARIANNA PA 15345

(000) 000-0000
 INV: 3696.23.25
 PO: 001
 REF: SWARTS NOTIFICATIONS
 DEPT: MAPPING

DEPT: MAPPING



FedEx®
Express



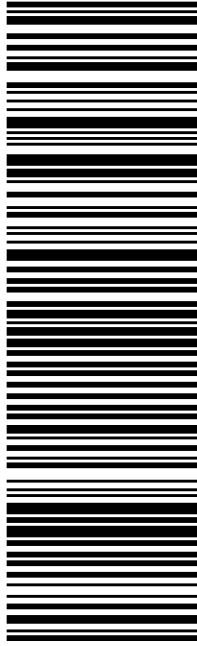
REL# 3785346

MON - 25 AUG 5:00P ** 2DAY **

TRK# 8837 5062 8365

0201

65 PITA



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September 04, 2025

Dear Customer,

The following is the proof-of-delivery for tracking number: 883750628365

Delivery Information:

Status:	Delivered	Delivered To:	Shipping/Receiving
Signed for by:	B.Bughs	Delivery Location:	
Service type:	FedEx 2Day		
Special Handling:	Deliver Weekday; No Signature Required		MARIANNA, PA,
		Delivery date:	Aug 22, 2025 14:45

Shipping Information:

Tracking number:	883750628365	Ship Date:	Aug 21, 2025
		Weight:	0.5 LB/0.23 KG
Recipient:		Shipper:	
MARIANNA, PA, US,		PITTSBURGH, PA, US,	

Reference	Swarts Notifications
Purchase Order	001
Invoice	3696.23.25
Department Number	Mapping

FedEx Express proof-of-delivery details appear below; however, no signature is currently available for this shipment. Please check again later for a signature.

Thank you for choosing FedEx

ORIGIN ID:PITA (412) 790-6725
ALICIA WISCHMANN
KEYSTONE CONSULTANTS, LLC
680 ANDERSEN DRIVE
SUITE 400
PITTSBURGH, PA 15220
UNITED STATES US

SHIP DATE: 21AUG25
ACTWGT: 0.50 LB
CAD: 258463954/NET4535

BILL SENDER

TO

MORGAN TOWNSHIP
GREENE COUNTY
1019 THIRD STREET EXTENSION

MATHER PA 15346

(000) 000-0000
INV: 3696 23.25
PO: 001

REF: SWARTS NOTIFICATIONS

DEPT. MAPPING



REL#
3785346

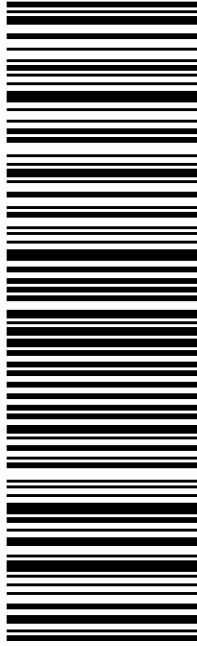
MON - 25 AUG 5:00P
** 2DAY **

TRK# 8837 5066 1088

0201

65 MORGG

MGWA 15346
PA-US PIT



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September 04, 2025

Dear Customer,

The following is the proof-of-delivery for tracking number: 883750661088

Delivery Information:

Status:	Delivered	Delivered To:	Residence
Signed for by:	Signature not required	Delivery Location:	
Service type:	FedEx 2Day		
Special Handling:	Deliver Weekday; No Signature Required		MATHER, PA,
		Delivery date:	Aug 22, 2025 15:44

Shipping Information:

Tracking number:	883750661088	Ship Date:	Aug 21, 2025
		Weight:	0.5 LB/0.23 KG
Recipient:		Shipper:	
MATHER, PA, US,		PITTSBURGH, PA, US,	

Reference	Swarts Notifications
Purchase Order	001
Invoice	3696.23.25
Department Number	Mapping

Proof-of-delivery details appear below; however, no signature is available for this FedEx Express shipment because a signature was not required.

Thank you for choosing FedEx

ORIGIN ID: PITA (412) 790-6725
 ALICIA WISCHMANN
 KEYSTONE CONSULTANTS, LLC
 680 ANDERSEN DRIVE
 SUITE 400
 PITTSBURGH, PA 15220
 UNITED STATES US

TO FRANKLIN TOWNSHIP

GREENE COUNTY

568 ROLLING MEADOWS ROAD

WAYNESBURG PA 15370

REF: SWARTS NOTIFICATIONS
(000) 000-0000

INV: 3696.23.25

PO: 001

P.O.: 001

DEPT: MAPPING

11

DEPT: MAPPING

**FedEx®**
Express

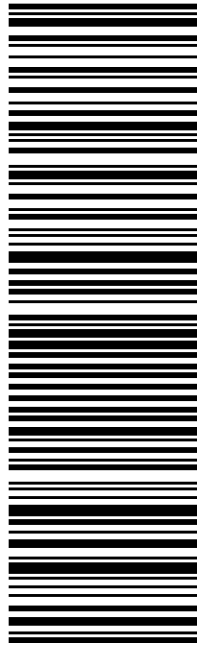
REL# 3785346

**MON - 25 AUG 5:00P
** 2DAY ****

TRK# 8837 5074 1538

0201

65 MORGG
MGWA 15370
PA-US
PIT



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September 04, 2025

Dear Customer,

The following is the proof-of-delivery for tracking number: 883750741538

Delivery Information:

Status:	Delivered	Delivered To:	Shipping/Receiving
Signed for by:	O.Orndorf	Delivery Location:	
Service type:	FedEx 2Day		
Special Handling:	Deliver Weekday; No Signature Required		WAYNESBURG, PA,
		Delivery date:	Aug 22, 2025 12:35

Shipping Information:

Tracking number:	883750741538	Ship Date:	Aug 21, 2025
		Weight:	0.5 LB/0.23 KG
Recipient:		Shipper:	
WAYNESBURG, PA, US,		PITTSBURGH, PA, US,	

Reference	Swarts Notifications
Purchase Order	001
Invoice	3696.23.25
Department Number	Mapping

FedEx Express proof-of-delivery details appear below; however, no signature is currently available for this shipment. Please check again later for a signature.

Thank you for choosing FedEx



September 04, 2025

Dear Customer,

The following is the proof-of-delivery for tracking number: 883750772310

Delivery Information:

Status:	Delivered	Delivered To:	Shipping/Receiving
Signed for by:	W.Whitewood	Delivery Location:	
Service type:	FedEx 2Day		
Special Handling:	Deliver Weekday; No Signature Required		CANONSBURG, PA,
		Delivery date:	Aug 22, 2025 13:45

Shipping Information:

Tracking number:	883750772310	Ship Date:	Aug 21, 2025
		Weight:	0.5 LB/0.23 KG
Recipient:		Shipper:	
CANONSBURG, PA, US,		PITTSBURGH, PA, US,	

Reference	Swarts Notifications
Purchase Order	001
Invoice	3696.23.25
Department Number	Mapping

FedEx Express proof-of-delivery details appear below; however, no signature is currently available for this shipment. Please check again later for a signature.

Thank you for choosing FedEx

ORIGIN ID:PITA
ALICIA WISCHMANN
KEYSTONE CONSULTANTS, LLC
680 ANDERSEN DRIVE
SUITE 400
PITTSBURGH, PA 15220
UNITED STATES US

(412) 790-6725
SHIP DATE: 21AUG25
ACTWGT: 0.50 LB
CAD: 258463954/NET4535

TO JANE C. WISEMAN
1416 CARILLO ST
THE VILLAGES FL 32162
(000) 000-0000
REF: SMARTS NOTIFICATIONS
INV: 3696 23.25
PO: 001
DEPT: MAPPING

58GJ4/A855/59F2

BILL SENDER



REL #
3785346

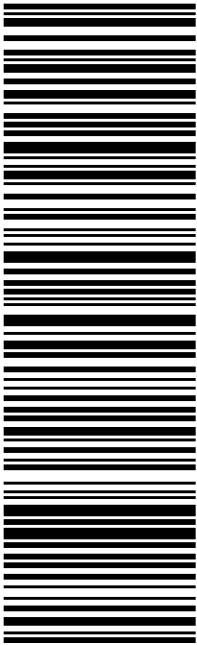
TRK# 8837 5081 3015

0201

MON - 25 AUG 5:00P
** 2DAY **

SP LEEA

32162
FL-US MCO



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Dear Customer,

The following is the proof-of-delivery for tracking number: 883750813015

Delivery Information:			
Status:	Delivered	Delivered To:	Residence
Signed for by:	Signature not required	Delivery Location:	
Service type:	FedEx 2Day		
Special Handling:	Deliver Weekday; Residential Delivery; No Signature Required		THE VILLAGES, FL,
		Delivery date:	Aug 25, 2025 17:35
Shipping Information:			
Tracking number:	883750813015	Ship Date:	Aug 21, 2025
		Weight:	0.5 LB/0.23 KG
Recipient:		Shipper:	
THE VILLAGES, FL, US,		PITTSBURGH, PA, US,	
Reference	Swarts Notifications		
Purchase Order	001		
Invoice	3696.23.25		
Department Number	Mapping		

Proof-of-delivery details appear below; however, no signature is available for this FedEx Express shipment because a signature was not required.

ORIGIN ID: PITA (412) 790-6725
 ALICIA WISCHMANN
 KEYSTONE CONSULTANTS, LLC
 680 ANDERSEN DRIVE
 SUITE 400
 PITTSBURGH, PA 15220
 UNITED STATES US

TO EQUITRANS, LP

**ATTN: GERALD SMITH
2200 ENERGY DR**

CANONSBURG PA 15317

REF: SWARTS NOTIFICATIONS
(000) 000-0000
INV: 3696.23.25
PO: 001
DEPT: MAPPING

DEPT: MAPPING



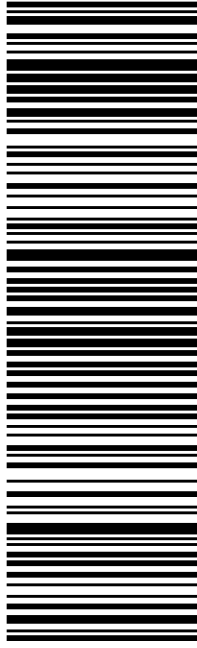
REL# 3785346

**TUE - 02 SEP 5:00P
EXPRESS SAVER**

TRK# 8839 0771 1953

0201

65 PITA



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September 04, 2025

Dear Customer,

The following is the proof-of-delivery for tracking number: 883907711953

Delivery Information:

Status:	Delivered	Delivered To:	Shipping/Receiving
Signed for by:	J.Jim	Delivery Location:	
Service type:	FedEx Express Saver		
Special Handling:	Deliver Weekday; No Signature Required		CANONSBURG, PA,
		Delivery date:	Aug 29, 2025 09:47

Shipping Information:

Tracking number:	883907711953	Ship Date:	Aug 28, 2025
		Weight:	0.5 LB/0.23 KG
Recipient:		Shipper:	
CANONSBURG, PA, US,		PITTSBURGH, PA, US,	

Reference	swarts notifications
Purchase Order	001
Invoice	3696.23.25
Department Number	mapping

FedEx Express proof-of-delivery details appear below; however, no signature is currently available for this shipment. Please check again later for a signature.

Thank you for choosing FedEx



CHECKLIST FOR COMPLETING AN APPLICATION FOR A PERMIT TO DRILL, OPERATE OR ALTER AN OIL OR GAS WELL

(Forms 8000-PM-OOGM0001 and 8000-PM-OOGM0002)

Farm Name - Well # Swarts	
Applicant Name Equitrans, L.P.	DEP ID# 27639
DEP USE ONLY	Auth Id

This optional checklist is for your use to help assure that you submit a complete application. Failure to provide all required information will delay processing. Compare your finished application to this list to make sure you include all the required information, forms, and documents. Mark the box in the appropriate column for those items which are attached, or not applicable.

REQUIREMENT	Conventional		Unconventional	
	Included	N/A	Included	N/A
a. Page 1 with all spaces filled in where applicable.	☒		☐	
b. Page 2, with names, addresses, and signatures (surface owner, water supplies purveyors, coal mines, and gas storage operator municipality and adjacent municipalities).	☒		☐	
c. Location plat, form 8000-PM-OOGM0002, Original and one copy	☒		☐	
d. Application fee based on permit fee calculator, check or money order payable to "Commonwealth of Pennsylvania."	☒	☐	☐	☐
e. Proof and record of notifications and/or written consent, as applicable:				
1. Attach copies of signed and dated certified mail receipt cards or a completed "Affidavit of Non-Delivery of Certified Mail" as proof that you notified the parties listed on page 2. Note that you are required to send a copy of the whole application (pages 1 and 2 of form 8000-PM-OOGM0001 as well as the plat, form 8000-PM-OOGM0002 and attachments). Also, to parties with water supplies within 1,000 or 3,000 feet of the well location as applicable, include "Landowner Notification of Well Drilling or Alterations," form (8000-FM-OOGM0052).	☒		☐	
2. For required or optional written consent from a notified party -- is the party's signature in ink on the appropriate blank on Page 2, or on a separate document.	☐	☒	☐	☐
f. Bond instrument, if not already in effect	☐		☐	
g. Bond Agreement Id # provided on Page 1 if bond is in effect	☒		☐	
h. For a "Phased Deposit" bond -- additional collateral, if required.	☐	☒	☐	☐
i. "Coal well" -- spacing exception request or well cluster spacing.	☐	☒	☐	☐
j. Request for Waiver for Distance Requirements from Springs, Stream, Body of Water, or Wetland, form 8000-FM-OOGM0057.	☐	☒	☐	☐
k. Request For Variance From Distance Restriction From Existing Building Or Water Supply, form 8000-FM-OOGM0058.	☐	☒	☐	☐
l. Request For Approval of Alternate Waste Management Practices (form 5500-PM-OG0071), if needed.	☐	☒	☐	☐
m. Proposed Alternate Method of Casing, Plugging, Venting or Equipping (form 8000-PM-OOGM0024), if needed.	☐	☒	☐	☐
n. Coordination of a Well Location with Public Resources (form 8000-PM-OOGM0076), if needed.	☐	☒	☐	☐
o. For a disposal well or an enhanced recovery well, include the additional information required by regulations §78.18 (EPA UIC permit; control and disposal plan; erosion and sedimentation control plan).	☐	☒	☐	☐
p. Attach a copy of your PNDI check for the proposed well location shown on your plat.	☒	☐	☐	☐
q. Earth Disturbance Permit: Attached on prior ESCGP approval.	☐	☒	☐	☐
r. WMP for Unconventional Well: Attached prior approval.	☐	☒	☐	☐
Signature of Applicant				
s. On page 1 of the application -- the signature, and printed name and title of the person authorized to submit the application, and date. See instructions, SIGNATURE OF APPLICANT.	☒		☐	



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

**OIL AND GAS OPERATOR
OWNERSHIP AND CONTROL INFORMATION**

PLEASE TYPE OR PRINT

GENERAL OPERATOR INFORMATION		Enter the name and address under which you or your organization operate oil and gas wells in Pennsylvania which must be the same name as is providing the bond.			
Corporate, Company, Partnership or Registered Fictitious Name Equitrans, L.P.			Type of Organization / Code Limited Partnership		Federal Tax ID# 25-177685
Individual or Partner - Last Name Kaminski	First Name Kyle	MI	Suffix		
Mailing Address 2200 Energy Drive			☐ Check if this is a new address.		
City Canonsburg	State PA	ZIP+4 15317	Country (If Other Than USA)		
Phone (Daytime) 412-239-1874	Ext.	FAX	Email Address Kyle.Kaminski@eqt.com		
Person to Contact - Last Name Kaminski	First Name Kyle	MI	Suffix	Title Land Officer	
If the applicant is an individual or partnership operating under a name that is different than your full personal name, the name must be registered as a fictitious name with the Department of State. Please attach a copy of your APPROVED fictitious name registration. ☐ Registration attached ☐ Registration previously submitted and still active.					
If the applicant is a domestic or foreign corporation or limited liability company, it must be registered to conduct business in Pennsylvania with the Department of State. Please attach a copy of your APPROVED corporate registration or authorization to conduct business in Pennsylvania. ☐ Registration attached ☐ Authorization to conduct business in PA attached ☐ Registration previously submitted still active					
If the applicant has NO parent company, check the following box. ☐ No parent. If the applicant has a parent company, include the following information for the parent company: the name of the company, its address, phone number, taxpayer ID No., and state of incorporation, if the company is a corporation.					
Name <u>EQT Corporation</u>			Phone No. <u>(412) 239-1874</u>		
Address <u>2200 Energy Drive</u>			Taxpayer ID No. <u>25-0464690</u>		
<u>Canonsburg, PA 15317</u>			If corporation, state of incorporation <u>PA</u>		

If the applicant has **NO subsidiaries**, indicate by checking the following box.

☐ **No subsidiary.**

If the applicant has **one or more subsidiaries**, include the following information for each subsidiary company: the name of the company, its address, phone number, taxpayer ID No., and state of incorporation, if the company is a corporation.

Name _____ Phone No. (____) _____

Address _____ Taxpayer ID No. _____

_____ If corporation, state of incorporation _____

Name _____ Phone No. (____) _____

Address _____ Taxpayer ID No. _____

_____ If corporation, state of incorporation _____

Name _____ Phone No. (____) _____

Address _____ Taxpayer ID No. _____

_____ If corporation, state of incorporation _____

Name _____ Phone No. (____) _____

Address _____ Taxpayer ID No. _____

_____ If corporation, state of incorporation _____

Name _____ Phone No. (____) _____

Address _____ Taxpayer ID No. _____

_____ If corporation, state of incorporation _____

(Attach additional sheet, in the same format, if necessary.)

SIGNATURES

Under penalty of law, the undersigned hereby certify that they have the authority to submit this application on behalf of the applicant, that they have reviewed the information contained in this application and certify that the information is true and correct to the best of their knowledge and belief.

Equitrans L.P.

Equitrans Services, LLC, as General Partner of Equitrans, L.P.

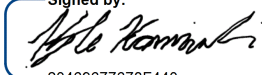
(Print Name of Applicant)

Kyle Kaminski

Land Officer

(Print Name & Title of Signatory)

Date 9/11/2025

Signed by:

20469677678F440...

(Signature)

Please call 717-772-2199 with any questions.

From: [Tracy Seeberger](#)
To: [Arlaukas, Shannon](#)
Cc: [Thomas, Renee J.](#); [Colin Keneavy](#)
Subject: [External] RE: Correction Notice for Swarts #2 Well Application
Date: Wednesday, October 15, 2025 1:02:51 PM
Attachments: [image001.png](#)
[CORE - Swarts No.2 - No Object.pdf](#)
[Swarts DEP Plat Combined Sealed.pdf](#)
[Swarts #2 Coal Exhibit.pdf](#)
[Swarts #2 PERMIT APPLICATION TO DRILL AND OPERATE A WELL COAL MODULE.pdf](#)

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Shannon,

We offer our response in **red** below:

Please add the depth to the Elk formation on the PDF Plat Page 4: Cross Section. **Please see page 4 of the attached updated plat.**

Please obtain written consent from the Harvey Mine Operator (signed and dated). **Please see attached, Core's No Object letter.**

This well is a non-conservation well and it penetrates a workable coal seam. There are no other wells within 1000' of this surface hole, therefore, this well complies with Section 7 of the Coal Gas Resource Coordination Act, and the answer to Question #2 on the Coal Module should be Yes. Please revise. **Please see attached updated Coal Module.**

On the mine workings map, please include the depth of the workable coal seam. **Please see attached updated Coal Exhibit.**

Please let us know if you have any questions or additional comments.

Thanks,
Tracy Seeberger
Senior Director - Permitting
Keystone Consultants, LLC
Foster Plaza 10
680 Andersen Drive
Suite 400
Pittsburgh, PA 15220

Office: (412) 790-6744

Fax: (412) 278-2126

Cell: (412) 969-9108



<http://www.keystoneconsultants.net/>

From: Arlauckas, Shannon <sarlauckas@pa.gov>

Sent: Friday, October 10, 2025 3:36 PM

To: Tracy Seeberger <tseeberger@keystoneconsultants.net>

Subject: [External Message] Correction Notice for Swarts #2 Well Application

Hi Tracy –

After initial review of the application materials that were submitted for the Swarts #2 well, please revise the following:

Please add the depth to the Elk formation on the PDF Plat Page 4: Cross Section.

Please obtain written consent from the Harvey Mine Operator (signed and dated).

This well is a non-conservation well and it penetrates a workable coal seam. There are no other wells within 1000' of this surface hole, therefore, this well complies with Section 7 of the Coal Gas Resource Coordination Act, and the answer to Question #2 on the Coal Module should be Yes. Please revise.

On the mine workings map, please include the depth of the workable coal seam.

Please return requested materials to me by October 22, 2025.

Let me know if you have any questions.

Kind regards,

Shannon M. Arlauckas, P.G. | Licensed Professional Geologist
Department of Environmental Protection | District Oil & Gas Operations
Southwest District Office
400 Waterfront Dr. | Pittsburgh, PA 15222
Phone: 412.442.4171 | Fax: 412.442.4328

www.dep.pa.gov

From: [Thomas, Renee J.](#)
To: [Arlauckas, Shannon](#); [Tracy Seeberger](#)
Cc: [Colin Keneavy](#)
Subject: [External] RE: Correction Notice #2 for Swarts #2 Well Application
Date: Wednesday, October 29, 2025 9:48:31 AM
Attachments: [image001.png](#)
[image002.png](#)

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Hi Shannon,

All existing documents have been included. There are no additional notes. Generally, GAI's prelim assessment was based on the absence of seeing monarchs or more specifically, milkweed.

The IPaC lists the monarch as one of the species to include in an effects analysis for the project, but as a proposed threatened species, they receive no statutory protection under the ESA, but the USFWS encourages cooperative conservation efforts for these species because they are, by definition, species that may warrant future protection under the ESA.

Thank you,

Renee Thomas | Permitting Coordinator IV - Permitting | EQT Corporation
2200 Energy Drive, Canonsburg, PA 15317
Mobile: (724) 531-5304 | Rthomas@eqt.com



From: Arlauckas, Shannon <sarlauckas@pa.gov>
Sent: Tuesday, October 28, 2025 1:10 PM
To: Tracy Seeberger <tseeberger@keystoneconsultants.net>
Cc: Thomas, Renee J. <rthomas@eqt.com>; Colin Keneavy <ckeneavy@keystoneconsultants.net>
Subject: [EXTERNAL] Correction Notice #2 for Swarts #2 Well Application

Hi Tracy –

After reviewing the PNDI document submitted with this application, I see that the Monarch Butterfly is listed in the table on page 46 of the document. The table says that there is no effect on the species according to a Desktop Review and Field Review. I do not see documents pertaining to this review. Please submit documents associated with the Monarch Butterfly Desktop and Field Reviews.

Please return requested materials to me by November 4, 2025.

Let me know if you have any questions.

Kind regards,

Shannon M. Arlauckas, P.G. | Licensed Professional Geologist
Department of Environmental Protection | District Oil & Gas Operations
Southwest District Office
400 Waterfront Dr. | Pittsburgh, PA 15222
Phone: 412.442.4171 | Fax: 412.442.4328
www.dep.pa.gov

From: [Thomas, Renee J.](#)
To: [Arlauckas, Shannon](#); [Campbell, Heather](#)
Cc: [Tracy Seeberger](#); [Colin Keneavy](#)
Subject: [External] RE: Correction Notice #3 for Swarts #2 Well Application.
Date: Tuesday, November 4, 2025 8:14:24 AM
Attachments: [image001.png](#)
[image002.png](#)
[COORDINATION OF A WELL LOCATION WITH PUBLIC RESOURCES FORM \(1\) USFWS.pdf](#)
[COORDINATION OF A WELL LOCATION WITH PUBLIC RESOURCES FORM \(1\) PA Game Comm.pdf](#)
[Swarts Monarch Memo.pdf](#)

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Shannon,

Please find attached the completed forms for the PA Game Comm and USFWS along with the Monarch memo. I filled out one of the forms for the PA Game Commission based on previous PA DEP guidance to document that they have deferred to the USFWS. If anything on the forms needs to be corrected, please let me know at your earliest convenience.

Heather – EQT respectfully requests for this review to be placed as priority over other pending applications for EQT or our subsidiaries. All other permits are in hand and well pad construction is slated to start in 10 days. If there's anything I can provide to complete the review, please let me know.

Sincerely,

Renee Thomas | Permitting Coordinator IV - Permitting | EQT Corporation
2200 Energy Drive, Canonsburg, PA 15317
Mobile: (724) 531-5304 | Rthomas@eqt.com



From: Arlauckas, Shannon <sarlauckas@pa.gov>
Sent: Thursday, October 30, 2025 4:31 PM
To: Thomas, Renee J. <rthomas@eqt.com>
Cc: Tracy Seeberger <tseeberger@keystoneconsultants.net>; Colin Keneavy <ckeneavy@keystoneconsultants.net>; Campbell, Heather <heathcampb@pa.gov>
Subject: [EXTERNAL] Correction Notice #3 for Swarts #2 Well Application.

Hi Renee et al –

Regarding the species that were found in the project area, please fill out Form 8000—PM-OOGM0076, (- [DEP eLibrary](#)) - Coordination of a Well Location with Public Resources. Please fill it out for all of the species – Indiana Bat, Northern Long-eared Bat, Tricolored Bat and Monarch

Butterfly.

Since the Monarch Butterfly is considered Proposed Threatened, it is considered to be part of the definition of 'other critical communities' as defined by PA Code Ch. 78a.1.

Also, please provide a statement summarizing the field survey that was performed for the Monarch Butterfly. Please include details including when the field survey was conducted, include month and year.

It may be best to set up a call next week to better understand the situation. I will be out of the office Friday October 31, but please let me know if you have availability early next week.

Regards,

Shannon M. Arlauckas, P.G. | Licensed Professional Geologist
Department of Environmental Protection | District Oil & Gas Operations
Southwest District Office
400 Waterfront Dr. | Pittsburgh, PA 15222
Phone: 412.442.4171 | Fax: 412.442.4328
www.dep.pa.gov

From: [Thomas, Renee J.](#)
To: [Arlauckas, Shannon](#)
Cc: [Campbell, Heather](#); [Tracy Seeberger](#); [Colin Keneavy](#)
Subject: [External] RE: Correction #4 for Swarts #2 Well Application
Date: Wednesday, November 5, 2025 3:35:00 PM
Attachments: [image001.png](#)
[image002.png](#)
[COORDINATION OF A WELL LOCATION WITH PUBLIC RESOURCES FORM \(1\) USFWS rev1.pdf](#)
[COORDINATION OF A WELL LOCATION WITH PUBLIC RESOURCES FORM \(1\) PA Game Comm rev1.pdf](#)

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Shannon,

Thank you for talking with us today. I have updated the Public Resource Forms. If you have any questions or comments after reviewing the form, please let me know.

Thank you,

Renee Thomas | Permitting Coordinator IV - Permitting | EQT Corporation
2200 Energy Drive, Canonsburg, PA 15317
Mobile: (724) 531-5304 | Rthomas@eqt.com



From: Arlauckas, Shannon <sarlauckas@pa.gov>
Sent: Wednesday, November 5, 2025 12:30 PM
To: Thomas, Renee J. <rthomas@eqt.com>
Cc: Campbell, Heather <heathcampb@pa.gov>; Tracy Seeberger <tseeberger@keystoneconsultants.net>; Colin Keneavy <ckeneavy@keystoneconsultants.net>
Subject: [EXTERNAL] Correction #4 for Swarts #2 Well Application

Renee-

Please revise the PA Game Commission form by removing the last sentence in Q7. In this case, the US FWS listed a potential impact on the PNDI. This situation is different from the previous instruction that you received from Heather.

Please revise the USFWS form by adding all the species of concern in Q4 along with the Jurisdictional Agency Name. Additionally, revise the answer to Q7 to reflect how the PNDI reflects you to proceed under the USFWS section (i.e. directs you to use the IPaC tool) and then summarize your findings from the IPaC tool and the Determination Key and list what actions will be taken to protect species.

Regarding the Monarch Butterfly Survey documents, we have questions regarding the survey timing in

relation to the 2025 PNDI receipt. It may be easier to have a phone call to discuss this.

We also want to know if the USFWS addressed the Monarch Butterfly in your communication with them.

Let us know if you are available for a call this afternoon, we are available between 230-330p or 9a-11a tomorrow.

Thanks,

Shannon M. Arlauckas, P.G. | Licensed Professional Geologist
Department of Environmental Protection | District Oil & Gas Operations
Southwest District Office
400 Waterfront Dr. | Pittsburgh, PA 15222
Phone: 412.442.4171 | Fax: 412.442.4328
www.dep.pa.gov

From: [Thomas, Renee J.](#)
To: [Campbell, Heather](#)
Cc: [Arlauckas, Shannon](#); [Tracy Seeberger](#); [Colin Keneavy](#)
Subject: [External] RE: Correction #5 for Swarts #2 Well Application
Date: Monday, November 10, 2025 1:50:00 PM
Attachments: [image001.png](#)
[image002.png](#)

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Heather, Yes I give consent and thank you!

Renee Thomas | Permitting Coordinator IV - Permitting | EQT Corporation
2200 Energy Drive, Canonsburg, PA 15317
Mobile: (724) 531-5304 | Rthomas@eqt.com



From: Campbell, Heather <heathcampb@pa.gov>
Sent: Monday, November 10, 2025 1:48 PM
To: Thomas, Renee J. <rthomas@eqt.com>
Cc: Arlauckas, Shannon <sarlauckas@pa.gov>; Tracy Seeberger <tseeberger@keystoneconsultants.net>; Colin Keneavy <ckeneavy@keystoneconsultants.net>
Subject: [EXTERNAL] Correction #5 for Swarts #2 Well Application

Renee,

Shannon has finished her review and sent the final application packet to me for review and issuance. When I was going through it I noticed a few minor things I'd like you to address:

Application

Question 6 should be answered "Yes" since you were required to fill out the Coordination of a Well Location with Public Resources form

Question 7 is answered both yes and no. Please mark only the appropriate answer "Yes" Record of Notification

Harden Farm is the Surface Owner in addition to being a water supply owner. Please indicate this appropriately on the form

To expedite issuance of the permit, I'd be happy to indicate the correct answers on the form if you give your consent to me changing the answers.

Regards,
Heather

Heather L. Campbell, P.G. | Professional Geologist Manager
Department of Environmental Protection | District Oil & Gas Operations
400 Waterfront Dr. | Pittsburgh, PA 15222
Phone: 412-442-4173 | Mobile: 814-282-3887 | Fax: 412.442.4328
www.dep.pa.gov