



**PERMIT APPLICATION TO DRILL AND OPERATE A CONVENTIONAL WELL**

Notes <i>NC</i>		OGO # 15547 <i>15547</i>	Objection Date - Do not issue before: <i>6/19/19</i>	API #'s37- <i>047-23885</i>
Client Id <i>72933</i>		Bond # 5333	Date Approved: <i>2/19/20</i>	and - - - - -
C: <i>G:SGP 10/31/19</i>		Special Cond. <i>See ATTACHED</i>	Watershed Name: Designation: <input checked="" type="checkbox"/> HQ <input type="checkbox"/> EV <i>WOLF RUN</i>	
INV:	APS # <i>613392</i>	Auth Id <i>1275591</i>	Site Id <i>688991</i>	PF Id <i>693178</i>
<i>PNDI-5/21/19</i>		SF Id <i>944850</i>		

Please read instructions before you begin filling in this form.

WELL INFORMATION										
Well Operator <b>Seneca Resources Company, LLC</b>			DEP ID# <b>72933</b>	Well API # <b>37-047-23885-00-00</b>	Well Farm Name <b>FEE Seneca Resources Warrant 3771</b>		Well # <b>38282</b>			
Address <b>51 Zents Blvd.</b>				LAT <b>41°36' 44.94"</b>	NAD <b>83</b>	Project Number		Serial #		
LONG - <b>78°49' 19.38"</b>				City <b>Brookville</b>		State <b>PA</b>	Zip <b>15825</b>	Municipality Name/ City, Borough, Township <b>Highland Township</b>		
Phone <b>814-849-4555</b>			Fax <b>814-849-4795</b>	Email <b>keplerd@srcx.com</b>			USGS 7.5 min. quadrangle map <b>James City</b>		Section <b>2</b>	
<input type="checkbox"/> Check if this is a new address			24/7 Emergency Phone contact number <b>800-526-2608-mention SRC</b>			911 address of well site (if available) <b>Pending</b>				
Freshwater Impoundment Name/ Identification <b>N/A</b>		Centralized Impoundment Name/ Identification <b>N/A</b>		Well Pad Name/Identification <b>N/A</b>		Borrow Area Name/Identification <b>N/A</b>				
Surface Elev <b>2028</b>	Deepest Formation to be penetrated: <b>Elk</b>			Anticipated TVD <b>2565</b>	PERMIT TYPE Check applicable. Application is to: <input type="checkbox"/> Drill a new <input type="checkbox"/> Re-permit expired permit <input type="checkbox"/> Deepen well <input type="checkbox"/> Redrill wellbore <input type="checkbox"/> Alter well <input checked="" type="checkbox"/> Other (specify) <b>Change to injection well</b>		TYPE OF WELL Check applicable. <input type="checkbox"/> Gas <input type="checkbox"/> Oil <input type="checkbox"/> Comb. (gas & oil/condensate) <input type="checkbox"/> Injection, recovery <input checked="" type="checkbox"/> Injection, disposal <input type="checkbox"/> Coalbed Methane <input type="checkbox"/> Gas Storage <input type="checkbox"/> Other (specify)		APPLICATION FEE Check applicable. <input checked="" type="checkbox"/> Conventional <input type="checkbox"/> \$200 (Home Use Well) Total Application Fee \$ <b>400.00</b>  <b>√ #2095477 \$400.00</b>	
Target Formation(s) proposed for production <b>Elk</b>			Anticipated Target Top/Bottom TVD <b>2327 2372</b>			Number of wellbore laterals proposed under this application <b>1</b>				
Total feet of wellbore to be drilled under this application <b>2565 Ft.</b>			If applying for a permit to rework an existing well not registered or permitted, check this box <input type="checkbox"/> and enter date drilled, if known: (see instructions)							
<b>PNDI Attached:</b> <input checked="" type="checkbox"/> Any threatened or endangered "hit" must include a copy of the clearance letter from the applicable agency(ies).										
Application submitted as: Coal well: <input type="checkbox"/> Attach Coal Module CBM well <input type="checkbox"/> Attach Coal Module Non coal well <input checked="" type="checkbox"/> Attach justification.				RECEIVED <i>MP 10/31/19</i> <b>24</b> OCT 31 2019		Configuration <input checked="" type="checkbox"/> Vertical <input type="checkbox"/> Horizontal <input type="checkbox"/> Deviated <input type="checkbox"/> Multiple laterals				Bond Agreement Id <b>5133</b>

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).		<input type="checkbox"/>	<input checked="" type="checkbox"/>
a. If "Yes" to #1, is the well at least 330 feet from outside lease or unit boundary?		<input type="checkbox"/>	<input type="checkbox"/>
b. Does the location fall within an area covered by a spacing order?		<input type="checkbox"/>	<input type="checkbox"/>
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?		<input type="checkbox"/>	<input checked="" type="checkbox"/>

2  
2





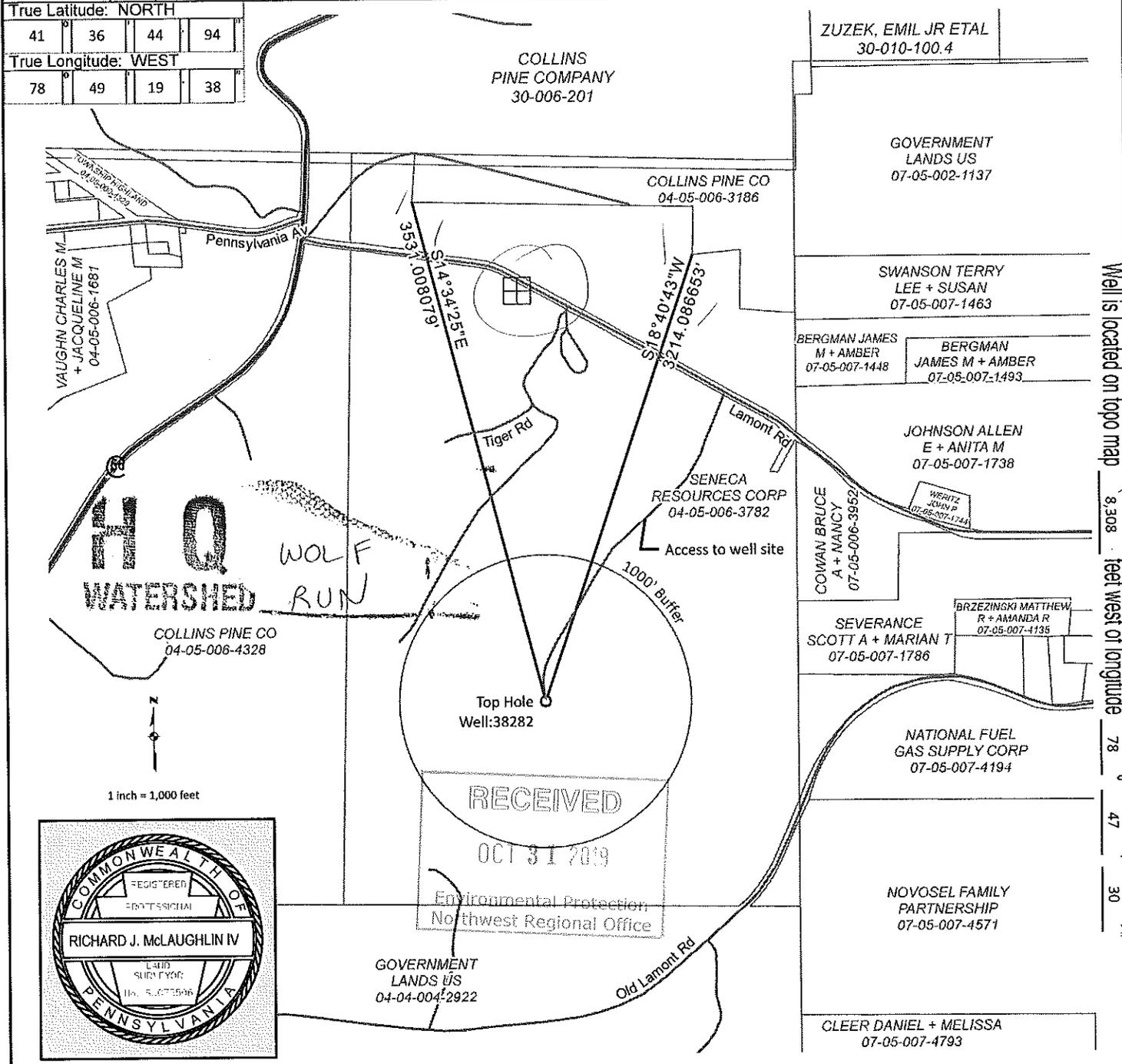


COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS MANAGEMENT  
**WELL LOCATION PLAT**

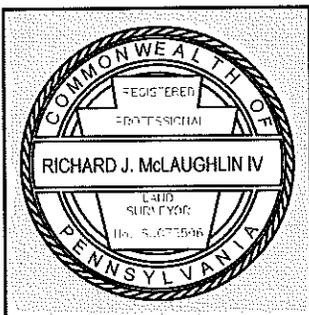
DEP	Auth ID #:	10/31/19
USE	Permit #: 047-23885	G: SGP
ONLY	Project #:	C:

Denotes location of top of well on topo map.			
True Latitude: NORTH			
41	36	44	94
True Longitude: WEST			
78	49	19	38

Well is located on topo map 4,560 feet south of latitude 41° 37' 30"



Well is located on topo map 8,308 feet west of longitude 78° 47' 30"



Applicant / Well Operator Name: Seneca Resources Company, LLC		DEP ID #: 72933	Well (Farm) Name: FEE SRC WT 3771		Well #: 38282	Serial #:
Address: 51 Zents Blvd Brookville, PA 15825		County: Elk	Municipality: Highland Twp.		Well Type: Gas	
911 address of well site: Pending		USGS 7½' Quadrangle Map Name: James City, PA		Map Section: 2	Surface Elevation: 2,028 ft.	
Surveyor or Engineer: Richard J. McLaughlin IV	Phone #: 412-548-2516	Dwg #: 38282_Pg1_102319.mxd	Date: 10/24/2019	Scale: 1 inch = 1,000 feet	Tract Acreage: 299 +/-	
Lat. & Long Metadata Method: GPSDF	Accuracy: ±3 ft.	Datum: NAD-83	Elevation Metadata Method: PASDA LIDAR	Accuracy: ±10 ft	Datum: NAVD88	Survey Date: 1/30/2007



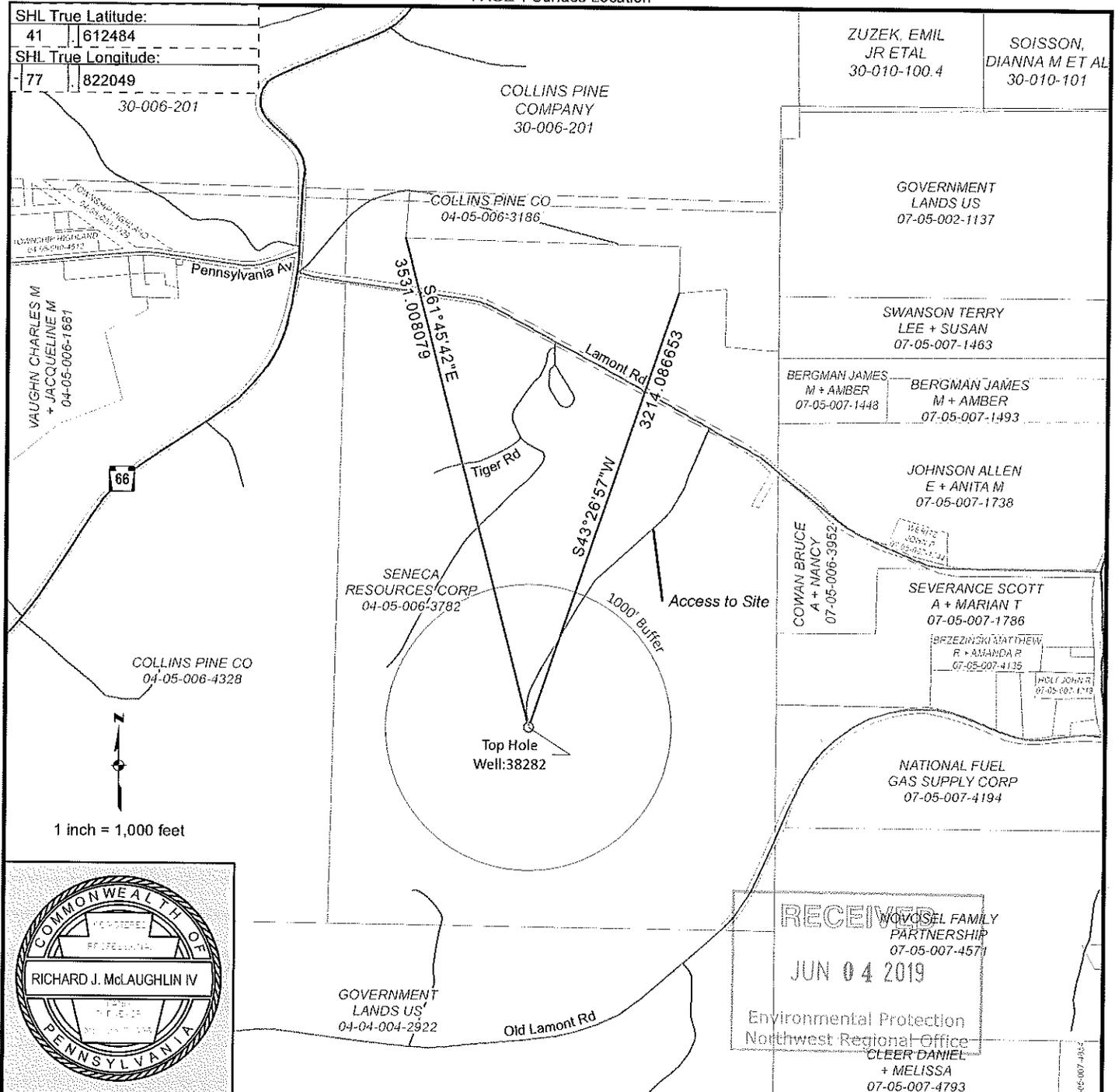




COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS MANAGEMENT  
**WELL LOCATION PLAT**

<b>DEP USE ONLY</b>	Auth ID#	G:
	Permit #	C:
	Project #	

PAGE 1 Surface Location



RECEIVED  
JUN 04 2019  
Environmental Protection  
Northwest Regional Office  
CLEER DANIEL  
+ MELISSA  
07-05-007-4793



Applicant / Well Operator Name: Seneca Resources Company, LLC		DEP ID #: 72933	Well (Farm) Name: FEE SRC WT 3771		Well #: 38282	Serial #:
Address: 51 Zents Blvd, Brookville, PA 15825			County: Elk	Municipality: Highland Twp	Well Type: Gas	
911 address of well site: Pending			USGS 7 1/2 Quadrangle Map Name: James City, PA	Map Section: 2	Surface Elevation: 2028 ft.	
Surveyor or Engineer: Richard J. McLaughlin IV	Phone #: 412-548-2516	MXD: 38282_Pg1_Plat_051719	Date: 5/17/19	Scale: 1 in = 1,000 ft	Tract Acreage: 299 ±	
Lat. & Long Metadata Method: GPSDF	Accuracy: ± 3 ft.	Datum:	Elevation Metadata Method: PASDSA LIDAR	Accuracy: ±10 ft.	Datum: NAVD88	Survey Date: 1/30/07

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

Farm Name - Well #	Fee	Seneca Resources Warrant 3771	38282
Applicant Name	DEP ID#	Seneca Resources Company, LLC	72933
DEP USE	APS #		
ONLY			

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. <b>Notification: Signature below name indicates the party's acknowledgement of receipt of the well location plat and serves as proof of notification</b>	Surface Landowner	Gas Storage Operator	Surface Landowners & Water Purveyors with water supplies <1000'	Municipalities	Notification			
					Note the means and attach proof.			
					Certified Mail Dates	Return Receipt	Address Affidavit	Written Consent
Print Name: Seneca Resources Company, LLC Address: 51 Zents Blvd. Brookville, PA 15825	X					5-23-19		
Signature: <i>Will Seed</i> Print Name: Highland Township				X		5-28-19		
Signature Print Name: Wetmore Township				X		5-24-19		
Signature Print Name: Sheffield Township				X		5-24-19		
Signature Print Name: Jones Township				X		5-25-19		
Signature				X				

**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		Surface Owner		Water Well within 200 feet	Building within 200 feet
Print and Sign Name:	Address:	Date:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



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

Farm Name - Well # Fee Seneca Resources Warrant 3771 38282	DEP ID# 72933
Applicant Name Seneca Resources Company, LLC	
DEP USE ONLY	APS #

	Surface Landowner	Gas Storage Operator	Surface Landowners & Water Purveyors with water supplies <1000'	Municipalities	Notification			
					Certified Mail Dates	Note the means and attach proof.		
	Surface Landowner	Gas Storage Operator	Surface Landowners & Water Purveyors with water supplies <1000'	Municipalities	Sent	Return Receipt	Address Affidavit	Written Consent
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. <b>Notification: Signature below name indicates the party's acknowledgement of receipt of the well location plat and serves as proof of notification</b>								
Print Name: Howe Township	Address: 7947 Route 666 Sheffield, PA 16347 ✓			X	5/22/2019	5-24-19		
Signature								
Print Name: Ridgway Township	Address: 1537-A Montmorenci Road Ridgway, PA 15853 ✓			X	5/22/2019	5-24-19		
Signature								
Print Name: Jenks Township	Address: PO Box 436 Marienville, PA 16239 ✓			X	5/22/2019	5-28-19		
Signature								
Print Name: Spring Creek Township	Address: 2491 Spring Creek Road PO Box 385 Ridgway, PA 15853 ✓			X	5/22/2019	5-24-19		
Signature								
Print Name:	Address:							
Signature								

**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		Surface Owner		Water Well within 200 feet	Building within 200 feet
Print and Sign Name:	Address:	Date:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



## 1. PROJECT INFORMATION

Project Name: **James City Injection Well 38282**

Date of Review: **5/21/2019 02:08:27 PM**

Project Category: **Waste Transfer, Treatment, and Disposal, Liquid waste/Effluent, Other**

Project Area: **39.63 acres**

County(s): **Elk**

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

ZIP Code: **16734**

Quadrangle Name(s): **JAMES CITY**

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

Watersheds HUC 12: **East Branch Tionesta Creek; South Branch Tionesta Creek-Tionesta Creek**

Decimal Degrees: **41.617412, -78.820283**

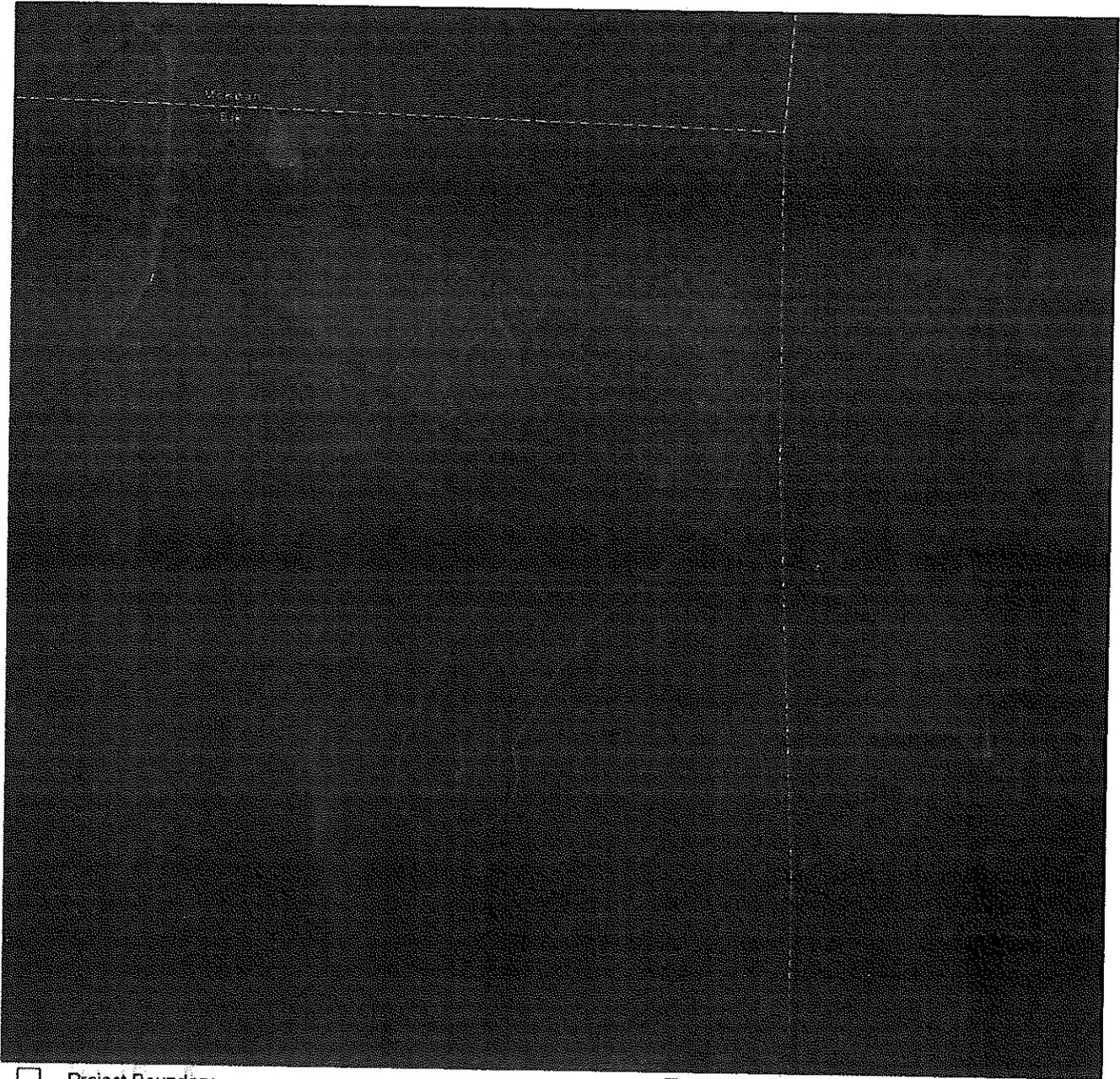
Degrees Minutes Seconds: **41° 37' 2.6845" N, 78° 49' 13.202" W**

## 2. SEARCH RESULTS

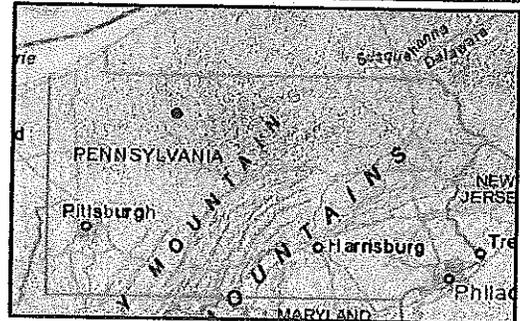
Agency	Results	Response
PA Game Commission	No Known Impact	No Further Review Required
PA Department of Conservation and Natural Resources	No Known Impact	No Further Review Required
PA Fish and Boat Commission	No Known Impact	No Further Review Required
U.S. Fish and Wildlife Service	No Known Impact	No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

As summarized above, Pennsylvania Natural Diversity Inventory (PNDI) records indicate no known impacts to threatened and endangered species and/or special concern species and resources within the project area. Therefore, based on the information you provided, no further coordination is required with the jurisdictional agencies. This response does not reflect potential agency concerns regarding impacts to other ecological resources, such as wetlands.

### James City Injection Well 38282

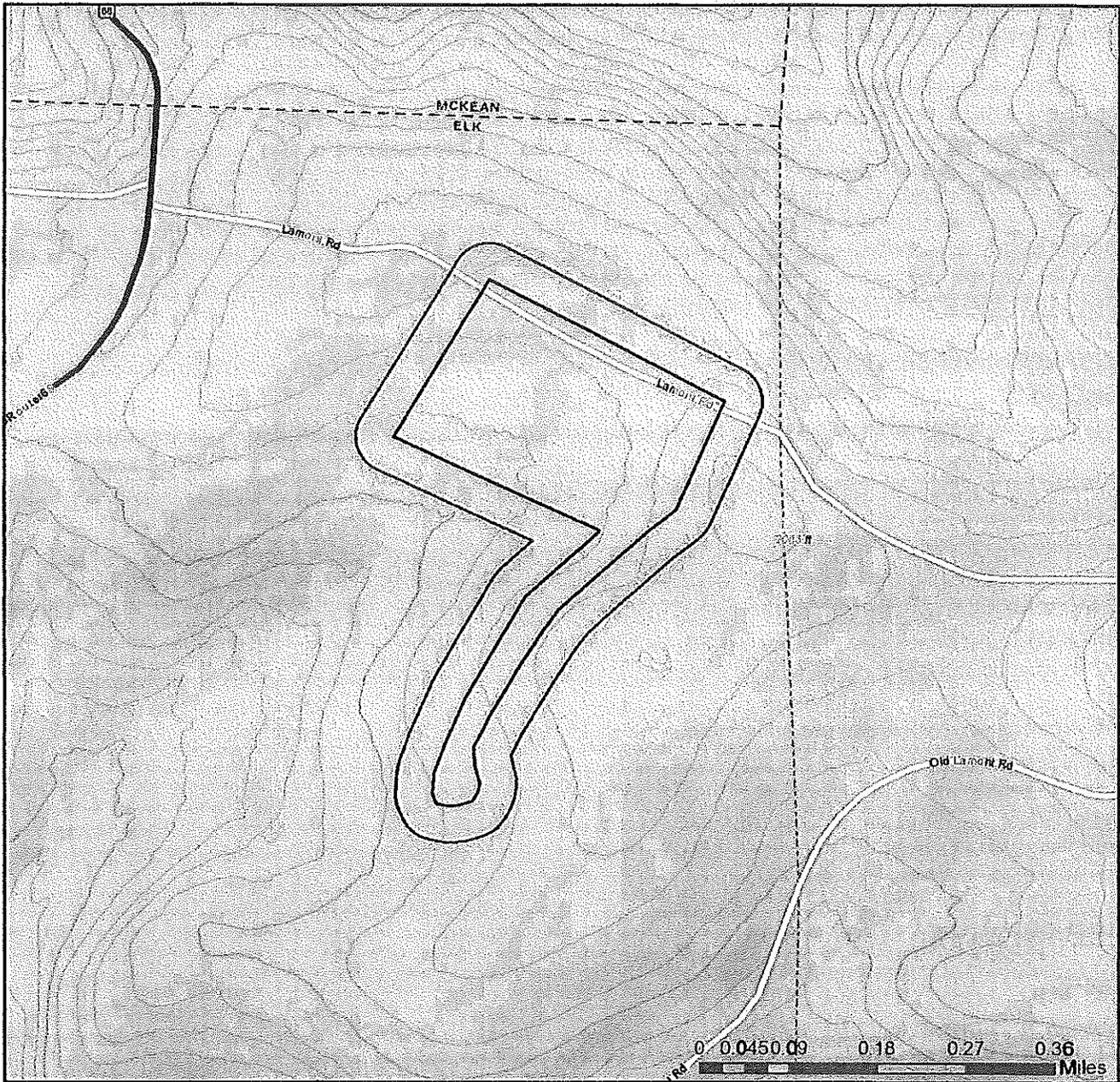


- Project Boundary
- Buffered Project Boundary



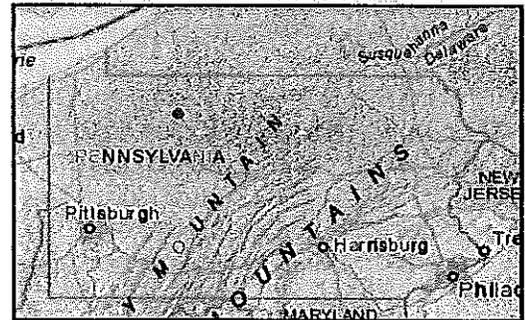
Service Layer Credits: Sources: Esri, HERE, DeLorme, Intermap, Increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community  
Esri, HERE, Garmin, (c)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

### James City Injection Well 38282



- Project Boundary
- Buffered Project Boundary

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



### 3. AGENCY COMMENTS

Regardless of whether a DEP permit is necessary for this proposed project, any potential impacts to threatened and endangered species and/or special concern species and resources must be resolved with the appropriate jurisdictional agency. In some cases, a permit or authorization from the jurisdictional agency may be needed if adverse impacts to these species and habitats cannot be avoided.

These agency determinations and responses are **valid for two years** (from the date of the review), and are based on the project information that was provided, including the exact project location; the project type, description, and features; and any responses to questions that were generated during this search. If any of the following change: 1) project location, 2) project size or configuration, 3) project type, or 4) responses to the questions that were asked during the online review, the results of this review are not valid, and the review must be searched again via the PNDI Environmental Review Tool and resubmitted to the jurisdictional agencies. The PNDI tool is a primary screening tool, and a desktop review may reveal more or fewer impacts than what is listed on this PNDI receipt. The jurisdictional agencies **strongly advise against** conducting surveys for the species listed on the receipt prior to consultation with the agencies.

#### PA Game Commission

##### RESPONSE:

No Impact is anticipated to threatened and endangered species and/or special concern species and resources.

#### PA Department of Conservation and Natural Resources

##### RESPONSE:

No Impact is anticipated to threatened and endangered species and/or special concern species and resources.

#### PA Fish and Boat Commission

##### RESPONSE:

No Impact is anticipated to threatened and endangered species and/or special concern species and resources.

#### U.S. Fish and Wildlife Service

##### RESPONSE:

No impacts to **federally** listed or proposed species are anticipated. Therefore, no further consultation/coordination under the Endangered Species Act (87 Stat. 884, as amended; 16 U.S.C. 1531 et seq.) is required. Because no take of federally listed species is anticipated, none is authorized. This response does not reflect potential Fish and Wildlife Service concerns under the Fish and Wildlife Coordination Act or other authorities.

### 4. DEP INFORMATION

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

## 5. ADDITIONAL INFORMATION

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

For a list of species known to occur in the county where your project is located, please see the species lists by county found on the PA Natural Heritage Program (PNHP) home page ([www.naturalheritage.state.pa.us](http://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](mailto:RA-HeritageReview@pa.gov)

**U.S. Fish and Wildlife Service**  
Pennsylvania Field Office  
Endangered Species Section  
110 Radnor Rd; Suite 101  
State College, PA 16801  
NO Faxes Please

**PA Fish and Boat Commission**  
Division of Environmental Services  
595 E. Rolling Ridge Dr., Bellefonte, PA 16823  
Email: [RA-FBPACENOTIFY@pa.gov](mailto:RA-FBPACENOTIFY@pa.gov)

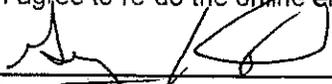
**PA Game Commission**  
Bureau of Wildlife Habitat Management  
Division of Environmental Planning and Habitat Protection  
2001 Elmerton Avenue, Harrisburg, PA 17110-9797  
Email: [RA-PGC\\_PNDI@pa.gov](mailto:RA-PGC_PNDI@pa.gov)  
NO Faxes Please

## 7. PROJECT CONTACT INFORMATION

Name: GREG KIMMEL  
Company/Business Name: SENECA RESOURCES COMPANY, LLC  
Address: 51 ZENTS BLVD  
City, State, Zip: BROOKVILLE, PA 15825  
Phone: (814) 849-4555 Fax: (814) 849-4995  
Email: Kimmela@srcx.com

## 8. CERTIFICATION

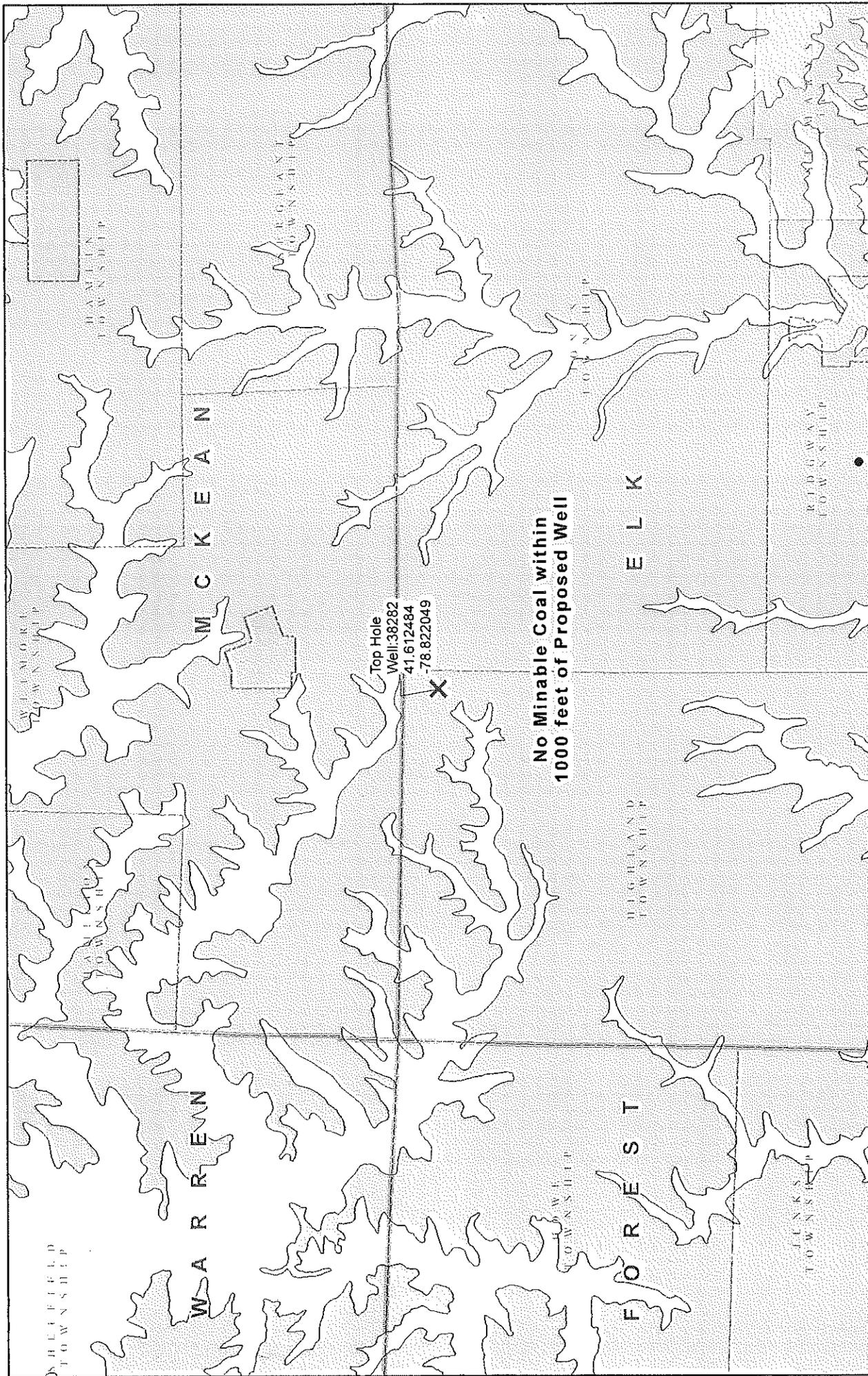
I certify that ALL of the project information contained in this receipt (including project location, project size/configuration, project type, answers to questions) is true, accurate and complete. In addition, if the project type, location, size or configuration changes, or if the answers to any questions that were asked during this online review change, I agree to re-do the online environmental review.

  
\_\_\_\_\_  
applicant/project proponent signature

5/21/19  
\_\_\_\_\_  
date



# Well # 38282 Non-coal Justification



**Underground Mining Permit**

Coal Mining Operations

**Distribution of Pennsylvania Coals**

- High-Volatile Bituminous
- Medium-Volatile Bituminous
- Low-Volatile Bituminous
- Semi-Anthracte
- Anthracite

