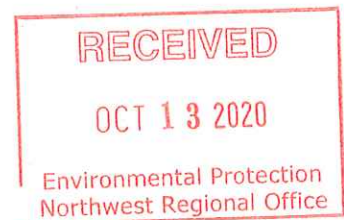
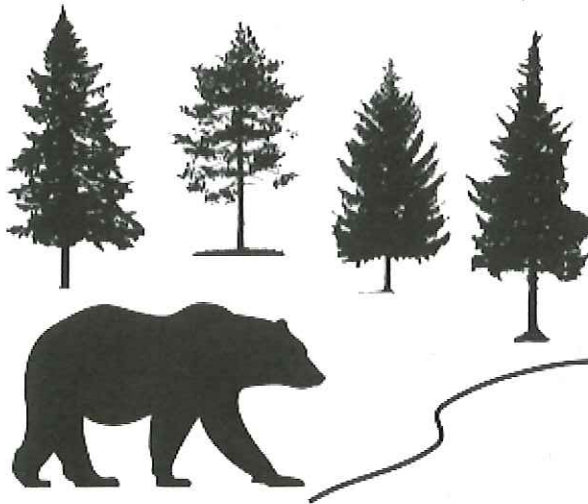


DISPOSAL WELL APPLICATION

SMITH-RAS (API# 37-123-34843)

FOR THE:
BEAR LAKE PROPERTIES, LLC
CLASS II UIC SALTWATER DISPOSAL FACILITY
1889 CORNISH HILL ROAD (SR 4004)
COLUMBUS, PENNSYLVANIA 16405

PREPARED FOR:
Bear Lake Properties, LLC
5459 State Route 29
Springville, PA 18844



September 2020

TABLE OF CONTENTS

PERMIT APPLICATION TO DRILL AND OPERATE A CONVENTIONAL WELL	8000-PM-OOGM0001a Rev. 5/2012	
OIL AND GAS OPERATOR OWNERSHIP AND CONTROL INFORMATION	8000-FM-OOGM0118 Rev. 3/2012	
WELL RECORD	8000-FM-OOGM0004a Rev. 12/2015	
WELL LOCATION PLAT	8000-PM-OOGM0002 Rev. 6/2014	
PENNSYLVANIA DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES PENNSYLVANIA NATURAL DIVERSITY INVENTORY (PNDI)		
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY (USEPA) – REGION III UNDERGROUND INJECTION CONTROL PERMIT NUMBER PAS2D219BWAR AUTHORIZATION TO OPERATE CLASS II-D INJECTION WELL EFFECTIVE: OCTOBER 31, 2016 / EFFECTIVE UNTIL: OCTOBER 31, 2026		
USEPA APPROVED PERMIT APPLICATION AND RELATED DOCUMENTS		
CONTROL & DISPOSAL PLAN		
<ul style="list-style-type: none">• PREPAREDNESS, PREVENTION, AND CONTINGENCY PLAN• NUSIANCE CONTROL PLAN		
EROSION & SEDIMENTATION PLAN		
GEOLOGICAL REPORT		
<ul style="list-style-type: none">• LICENSED PROFESSIONAL GEOLOGIST STAMPED/SEALED• WRITTEN NARRATIVE OF GEOLOGIC INFORMATION• OIL & GAS WELLS WITHIN 1-MILE BUFFER• WATER WELLS WITHIN 1-MILE BUFFER• GEOLOGICAL ISOPACH MAP – MEDINA & WHIRLPOOL FORMATIONS• STRUCTURE CONTOUR MAP – TOP OF PACKER SHELL & TOP OF QUEENSTON FORMATIONS• GEOLOGIC CROSS SECTIONS		
GEOPHYSICAL LOGS		
GAS WELLS WITHIN 1-MILE BUFFER		
WELL:	API #:	OWNER:
<ul style="list-style-type: none">• BITTINGER 1• BITTINGER 2	<ul style="list-style-type: none">37-123-3391437-123-33944	<ul style="list-style-type: none">BEAR LAKE PROPERTIES, LLC.BEAR LAKE PROPERTIES, LLC.

DISPOSAL WELL APPLICATION
BEAR LAKE PROPERTIES, LLC. - DISPOSAL FACILITY
WARREN COUNTY, PENNSYLVANIA

- | | | |
|-----------------|--------------|----------------------------|
| • BITTINGER 3 | 37-123-33945 | BEAR LAKE PROPERTIES, LLC. |
| • BITTINGER 4 | 37-123-39874 | BEAR LAKE PROPERTIES, LLC. |
| • THOMAS REED 1 | 37-123-32206 | BEAR LAKE PROPERTIES, LLC. |
| • THOMAS REED 2 | 37-123-33646 | BEAR LAKE PROPERTIES, LLC. |

WATER WELL DEPTHS (Within 1-mile radius, if known)

- Jack McCoy Property – Water well depth: 155-feet

SMITH-RAS

- **BOTTOMHOLE PRESSURE:** 4032 PSI
- **FRACTURE GRADIENT:** 0.934 PSI/FT
- **PROPOSED INJECTION RATE:** 30,000 BBLs PER MONTH

WELL CONSTRUCTION – INJECTION WELL CONFIGURATION PROVIDED IN SECTION 7 OF THE USEPA APPROVED PERMIT APPLICATION DOCUMENTS

- CURRENT WELL COMPLETION RECORD

MONITORING PROGRAM PROVIDED IN SECTION 8 OF USEPA APPROVED PERMIT APPLICATION DOCUMENTS

SEISMIC MONITORING AND MITIGATION PLAN (DECEMBER 2017)

SEISMIC MONITORING REPORT (AUGUST 2020)

APPLICATION FEE (INJECTION – DISPOSAL WELL)

APPLICATION PERMIT FEE: (4501 TO 5000 FT)	\$550
SURCHARGE:	\$ 50
	\$600

PERMIT APPLICATION TO DRILL AND OPERATE A CONVENTIONAL WELL

8000-PM-OOGM0001a

Rev. 5/2012



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

PERMIT APPLICATION TO DRILL AND OPERATE A CONVENTIONAL WELL

		DEP USE ONLY	
Notes	OGO #	Objection Date - Do not issue before:	
	Client Id	Date Approved:	
	Bond #	API #'s 37- _____; _____; _____; _____; _____ and " _____; _____; _____; _____; _____"	
	C: G:	Watershed Name: Designation: <input type="checkbox"/> HQ <input type="checkbox"/> EV	
	INV:	Special Cond.	
	APS # Auth Id	Site Id	PF Id



Please read instructions before you begin filling in this form.

WELL INFORMATION							
Well Operator Bear Lake Properties, LLC	DEP ID# 283543	Well API # 37- 123-34843	Well Farm Name Smith Ras Unit	Well # 1			
Address 5459 State Route 29		LAT 41 ° 59' 34.3"	NAD 83	Project Number	Serial #		
		LONG - 79° 32' 01.5"					
City Springville	State PA	Zip 18844	Municipality Name/ City, Borough, Township Columbus		County Warren		
Phone 570-737-3075	Fax 570-737-3076	Email Kenneths@kendra2.com		USGS 7.5 min. quadrangle map	Section		

<input type="checkbox"/> Check if this is a new address	24/7 Emergency Phone contact number 724-971-0788	911 address of well site (if available)
Freshwater Impoundment Name/ Identification	Centralized Impoundment Name/ Identification	Well Pad Name/Identification Smith-Ras Unit 1
		Borrow Area Name/Identification

Surface Elev 1575	Deepest Formation to be penetrated: Queenston	Anticipated TVD 4516'	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)	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 \$ <u>600</u>
Target Formation(s) proposed for production Grimsby, Power Glen, Whirlpool, Queenston, TD		Anticipated Target Top/Bottom TVD 4183.6' to 4516'			
Number of wellbore laterals proposed under this application			Bond Agreement Id <div style="border: 2px solid red; padding: 5px; text-align: center;"> RECEIVED OCT 13 2020 Environmental Protection Northwest Regional Office </div>		
Total feet of wellbore to be drilled under this application _____ Ft.					
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)					
PNDI Attached: <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.					

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 checked="" type="checkbox"/>	<input type="checkbox"/>
a. If "Yes" to #1, is the well at least 330 feet from outside lease or unit boundary?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Does the location fall within an area covered by a spacing order?	<input type="checkbox"/>	<input checked="" 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"/>
If yes, is a waiver request (form 5500-FM-OG0057) and site-specific E&S control plan attached?	<input type="checkbox"/>	<input type="checkbox"/>

3. Will the well penetrate or be within 2,000 feet of an active gas storage reservoir boundary?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
a. If Yes, print the names of: Storage Field: Operator:		
4. Is the proposed well location within the permitted area of a landfill ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5. Will the well be drilled within 200 feet from any existing building or an existing water supply?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
a. If "Yes," is written consent from the owner attached?	<input type="checkbox"/>	<input type="checkbox"/>
b. If written consent is not attached, is a variance request (form 8000-FM-OOGM0058) attached?	<input type="checkbox"/>	<input type="checkbox"/>
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.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7. Will any portion of the well site be in a Special Protection High Quality <input type="checkbox"/> (HQ) or Exceptional Value <input type="checkbox"/> (EV) watershed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Provide name of special protection stream _____.		
7.1 Will the well be drilled using enhanced drilling or completion technologies into a formation that typically produces gas or petroleum?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
8.1 Is the disturbed area of the well site between 1 to 5 acres and in a Special Protection Watershed	<input type="checkbox"/>	<input checked="" type="checkbox"/>
9. Is waste, including drill cuttings, from the drilling of this well is to be disposed of on this well site? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
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 <input type="checkbox"/> No <input checked="" type="checkbox"/>		
a. If yes, is a waiver request attached that will protect the Waters of the Commonwealth? Yes <input type="checkbox"/> No <input type="checkbox"/>		
11. Is the well to be located within a H ₂ S area pursuant to §78.77a? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
12. Attach a current Ownership & Control form 8000-FM-OOGM0118.		
Signature of Applicant	The person signs information, in  tests that they have the authority to submit this application on behalf of the applicant, and that the submissions, is true and accurate to the best of their knowledge.	
Signature of Person Authorized to Submit Application 	(Print or Type) Name of Signer: Kenneth Scavone Title: Managing Member	Date 9/24/2020
Application Preparer/Contact: Kenneth Scavone		Phone: 570-737-3075

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

Farm Name - Well # Smith Ras Unit #1	DEP ID# 283543
Applicant Name Bear Lake Properties, LLC	
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				
						Certified Mail Dates	Note the means and attach proof.	Written Consent		
Print Name: Jack McCoy Signature <i>Jack McCoy</i>	Address: 9 East Street, Box 112, Columbus, PA 16405	X								
Print Name: Signature	Address:									
Print Name: Signature	Address:									
Print Name: Signature	Address:									
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

Surface Owner	Water Well within 200 feet	Building within 200 feet
Jack McCoy <i>Jack McCoy</i> Print and Sign Name: _____ Date: _____ Address: 9 East Street, Box 112 Columbus, PA 16405	<input checked="" type="checkbox"/>	<input type="checkbox"/>
_____ Print and Sign Name: _____ Date: _____ Address: _____	<input type="checkbox"/>	<input type="checkbox"/>
_____ Print and Sign Name: _____ Date: _____ Address: _____	<input type="checkbox"/>	<input type="checkbox"/>
_____ Print and Sign Name: _____ Date: _____ Address: _____	<input type="checkbox"/>	<input type="checkbox"/>
_____ Print and Sign Name: _____ Date: _____ Address: _____	<input type="checkbox"/>	<input type="checkbox"/>

OIL AND GAS OPERATOR OWNERSHIP AND CONTROL INFORMATION

8000-FM-OOGM0118

Rev. 3/2012



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 Bear Lake Properties, LLC			Type of Organization / Code		Federal Tax ID# 27-2480275	
Individual or Partner - Last Name Scavone		First Name Kenneth		MI	Suffix	
Mailing Address 5459 State Route 29				<input type="checkbox"/> Check if this is a new address.		
City Springville		State PA	ZIP+4 18844	Country (If Other Than USA)		
Phone (Daytime) 570-737-3075		Ext.	FAX 570-737-3076	Email Address Kenneths@kendra2.com		
Person to Contact - Last Name Scavone		First Name Kenneth		MI	Suffix Title Managing Member	
<p>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. <input type="checkbox"/> Registration attached <input checked="" type="checkbox"/> Registration previously submitted and still active.</p>						
<p>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. <input type="checkbox"/> Registration attached <input type="checkbox"/> Authorization to conduct business in PA attached <input checked="" type="checkbox"/> Registration previously submitted still active</p>						
<p>If the applicant has NO parent company, check the following box. <input checked="" type="checkbox"/> No parent.</p> <p>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.</p>						
Name _____			Phone No. () _____			
Address _____			Taxpayer ID No. _____			
_____			If corporation, state of incorporation _____			

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 Lluvia Bear Lake, LLC Phone No. (570)737-3075

Address 5459 State Route 29 Taxpayer ID No. 82-2307446

Springville, PA 18844 If corporation, state of incorporation _____

Name Kendra II, LLC Phone No. (570)737-3075

Address 5459 State Route 29 Taxpayer ID No. 82-2217615

Springville, PA 18844 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.

Bear Lake Properties, LLC

(Print Name of Applicant)



Kenneth Scavone-Managing Member

(Print Name & Title of Signatory)

A handwritten signature in black ink, appearing to read "Kenneth Scavone".

(Signature)

Date 9/24/2020

Please call 717-772-2199 with any questions.

WELL RECORD

8000-FM-OOGM0004a
Rev. 12/2015



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

DEP USE ONLY	
Site ID	Client Id
Client Id	Sub Facility Id

Well Record

WELL INFORMATION										
Well Operator Bear Lake Properties, LLC			DEP ID# 283543		Well API # 37-123-3484			Well Farm Name Smith Ras Unit		Well # 1
Address 5459 State Route 29				LAT 41 59' 34.3"		NAD 83	Project Number		Serial #	
City Springville		State PA	Zip 18844	Municipality Columbus			County Warren			
Phone 570-737-3075		Fax 570-737-3076		Email Kenneths@kendra2.com			USGS 7.5 min. quadrangle map Columbus		Section	

Check the appropriate Submission: Original Well Record Amended Well Record

Well Type		<input type="checkbox"/> Gas <input type="checkbox"/> Oil <input type="checkbox"/> Combination Oil & Gas <input type="checkbox"/> CBM <input checked="" type="checkbox"/> Injection <input type="checkbox"/> Disposal <input type="checkbox"/> Storage						Wellbore Conditioning:	
Well Orientation		<input checked="" type="checkbox"/> Vertical <input type="checkbox"/> Deviated from Vertical (Top & Side views & Deviation Survey must be attached)							
Drill Method(s)		<input type="checkbox"/> Rotary - Air <input type="checkbox"/> Rotary - Mud <input type="checkbox"/> Cable Tool <input type="checkbox"/> Other							
Drilling Started		03/21/1984		Surface Elev. 1575 ft.		GW Depth ft.			
Drilling Complete		03/26/1984		True Vertical Depth 4516 ft.		Depth of DFGW ft.			
Date Well Completed				Total Measured Depth 4516ft.		DFGW decided by: 0			

CEMENT							
Cement returned on surface casing?		<input type="checkbox"/> Yes <input type="checkbox"/> No		If No, provide depth to top of cement and method used to determine:		<input type="checkbox"/> NA	
Cement returned on coal protective casing?		<input type="checkbox"/> Yes <input type="checkbox"/> No		If No, provide depth to top of cement and method used to determine:		<input type="checkbox"/> NA	
Cement returned on intermediate casing?		<input type="checkbox"/> Yes <input type="checkbox"/> No		If No, provide depth to top of cement and method used to determine:		<input type="checkbox"/> NA	

Casing String	Type/Class of Cement (Lead/Tail)	Slurry Temp F°	Amount of Cement (sks) (Lead/Tail/Total)		WOC hrs	Wt PPG	Yld #/sk	Gas Migration Controls Used
Conductor	/	°	/	/				What controls were used if any (additives/ hardware. Specify type and depth applicable).
Surface	A /	°	150 / / 150					
Coal Protective	/	°	/ /					
Intermediate	/	°	/ /					
Production	A /	°	150 / /					
	/	°	/ /					
If additional strings attach form(s)			Total					

CASING AND TUBING											
Hole Size	Pipe Size	Wt. #/ft.	Grade Casing / Tubing Type	Thread / Weld - New/ Used	Amount in Well (ft.)	CO	R	Hardware - Baskets / Packer / Centralizers (Total/String)			Date Run
								Type	Size	Depth	
				-							1984
12 1/4	8 5/8			-	406						3/22/84
7 7/8	4 1/2			-	4493						3/26/84
	2 3/8			-							
				-							

If any casing is welded, provide the name(s) of the welder(s):

PLUG-BACK/WELLBORE ALTERATION						
Fill Material & Plugs	Depth		Date	Casing & Tubing		
	From	To		Size	Pulled	Left

LOG OF FORMATIONS

Well API#: 37-123 -34843

(If you will need more space than this page, please photocopy the blank form before filling it in.)

Formation Name or Lithology	Top (feet)	Bottom (feet)	Gas at (feet)	Oil at (feet)	Water at (fresh / brine; ft.)	Source of Data
	-----0					

If no show of oil, gas or water, explain why:

WELL SERVICE COMPANIES (Provide the name, address, and telephone number of all well service companies involved.)

Casing Source	Cementing Company	Hardware Supplier	Logging Company
Name	Name Dowell	Name Dowell	Name
Address	Address West Main St	Address West Main St	Address
City - State - Zip	City - State - Zip Corry , PA 16407	City - State - Zip Corry, PA 16407	City - State - Zip
Phone	Phone 814-664-7784	Phone 814-664-7784	Phone

I do hereby certify to the best of my knowledge, information and belief that the well identified on this Well Record has been properly cased and cemented in accordance with the requirements of 25 Pa. Code Chapter 78 and any conditions contained in the permit for this well. In addition, I do hereby certify that any casing which is attached to a blow-out preventer with a pressure rating greater than 3,000 psi has passed a pressure test in accordance with 25 Pa. Code §78.84(f). I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Driller	Well Operator's Signatures	DEP USE ONLY
Name	 Printed Name / Title: Kenneth Scavone / Managing Member	Reviewed by:
Rig		
Address		Date: 9/24/2020
City - State- Zip		
Phone		

WELL LOCATION PLAT

8000-PM-OOGM0002

Rev. 6/2014



pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

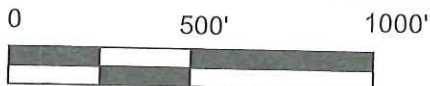
COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS MANAGEMENT
WELL LOCATION PLAT

PAGE 1 Surface Location

DEP	Auth ID #:	G:
USE	Permit #:	C:
ONLY	Project #:	

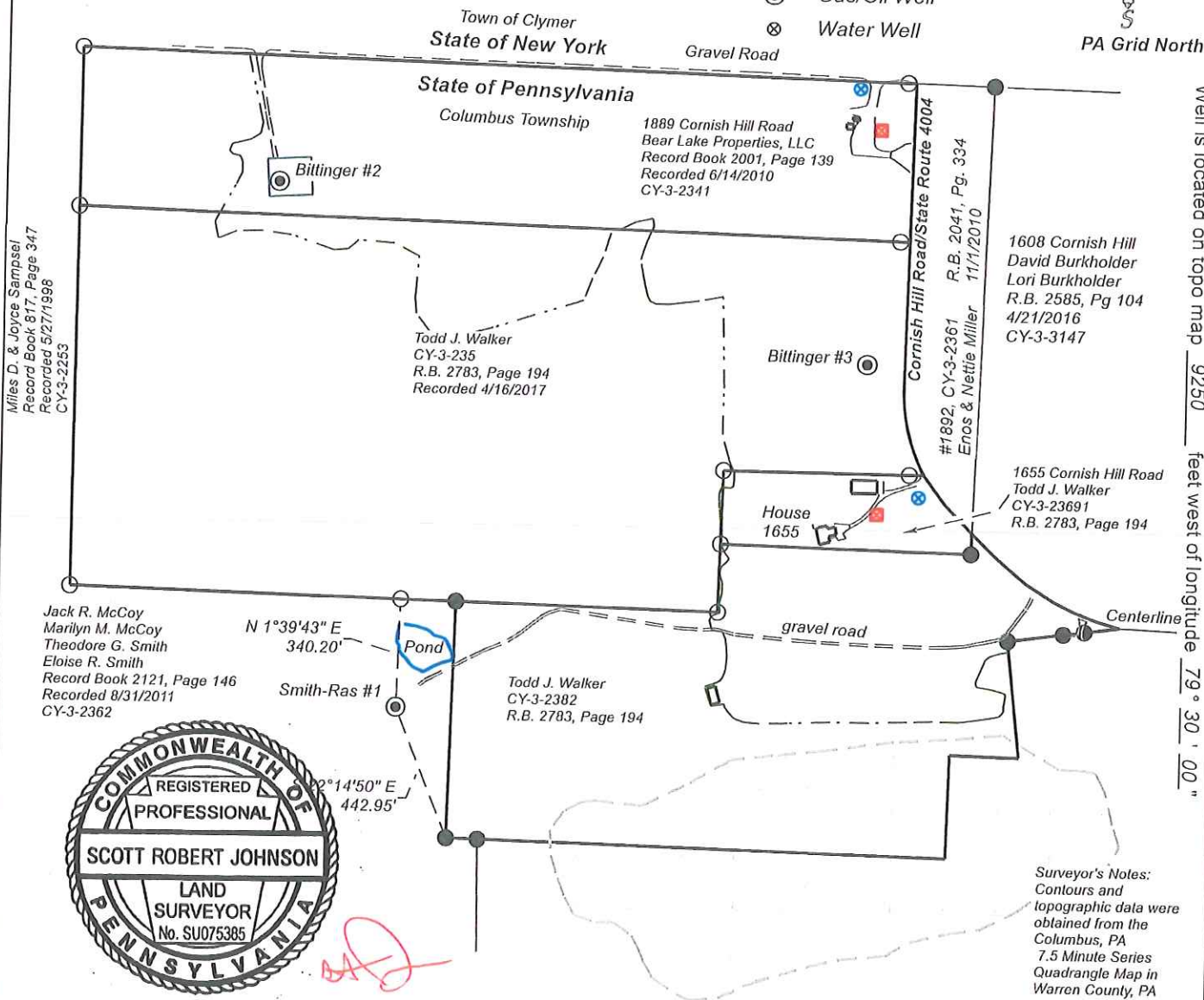
Denotes location of top of well on topo map.	
True Latitude: NORTH	
41	59' 34" 31"
True Longitude: WEST	
-79	32' 01" 58"

Well is located on topo map 2580 feet south of latitude 42° 00' 00"

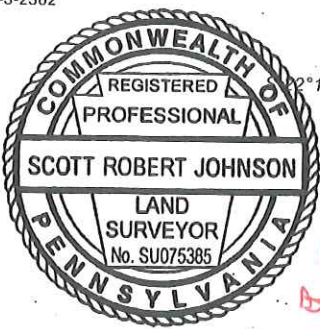


LEGEND

- Found iron stake
- Set 3/4" Rebar
- ⊙ Gas/Oil Well
- ⊗ Water Well



Well is located on topo map 9250 feet west of longitude 79° 30' 00"



Applicant/Well Operator Name: Bear Lake Properties, LLC		DEP ID # 283543	Well (Farm) Name: Smith-Ras		Well #: 1	Serial #:
Address: 5459 State Route 29, Springville, PA 18844		County: Warren	Municipality: Columbus Township		Well Type: Inject-Disp	
911 address of well site: N/A		Quadrangle Map Name: Columbus, PA	Map Section: 3		Surface Elevation: 1575 ft.	
Surveyor or Engineer: Daniel L. Barry Land Surveyor, LLC.	Phone #: 716-763-1254	Dwg #: 3493A-20	Date: 9/14/2020	Scale: 1" = 500'	Tract Acreage: 40.3	
Lat. & Long Metadata Method: Direct G.P.S.	Accuracy: 1' +/- ft.	Datum: NAD83	Elevation Metadata Method: USGS Map	Accuracy: 10' +/- ft.	Datum: NGVD 29	Survey Date: 5/3/2017

WELL LOCATION PLAT

Page 2 Notifications

DEP Statewide toll-free phone number for reporting cases of water contamination which may be associated with development of oil and gas resources is **1-866-255-5158**.

Applicant / Well Operator Name Bear Lake Properties, LLC	DEP ID# 283543	Well (Farm) Name Smith Ras Unit	Well # 1	Serial #
Surface Landowner / Lessor: Bear Lake Properties, LLC		Angle & Course of Deviation (Drilling):	Anticipated True Vertical Depth Feet (TVD): 4516	Anticipated Total Measured Depth Feet (TMD):
Target Formation(s): Grimsby Power Glen Whirlpool Queenston TD		Deepest Formation to be penetrated: Queenston	Number of laterals:	Total footage to be drilled all laterals:
Surface Owner/Water Purveyor w/Water Supply within 1000'/3000'		Latitude Longitude of Water Supply		
Municipality: where the well will be drilled, adjacent to the well, or within 3000 feet		Municipality: where the well will be drilled, adjacent to the well, or within 3000 feet		
Columbus Township: P.O. Box 291, Columbus PA 16405				
Freehold Township: 139 Lottsville-Niobe Rd, Bear Lake, PA 16402				
		Coal related parties		

PNDI

This is the receipt for your purchase at DCNR BUREAU OF FORESTRY CONSERVATION EXPLORER.

Order Information

Quantity	Item	Unit		Price
1	Id: PNDI-717497; Title: Bear Lake - Smith Raz Well; Project Type: Waste Transfer, Treatment, and Disposal, Liquid waste/Effluent, Other; Project Size: Standard;	40.00	USD	40.00
		Total	USD	40.00

This order is now complete. Transaction approved!

Here is your receipt:

===== TRANSACTION RECORD =====
BUREAU OF FORESTRY
400 MARKET ST
HARRISBURG, PA 17101
United States
WWW.PA.GOV

TYPE: Pre-Authorization

ACCT: American Express \$ 40.00 USD

CARDHOLDER NAME : John McCollums
CARD NUMBER : #####1024
DATE/TIME : 01 Sep 20 11:40:59
REFERENCE # : 001 0677498 M
AUTHOR. # : 125885
TRANS. REF. : 55564

Approved - Thank You 100

Please retain this copy for your records.

Cardholder will pay above amount to
card issuer pursuant to cardholder
agreement.

=====

1. PROJECT INFORMATION

Project Name: **Bear Lake - Smith Raz Well**
Date of Review: **9/1/2020 12:40:49 PM**
Project Category: **Waste Transfer, Treatment, and Disposal, Liquid waste/Effluent, Other**
Project Area: **2.28 acres**
County(s): **Warren**
Township/Municipality(s): **COLUMBUS**
ZIP Code: **16405**
Quadrangle Name(s): **COLUMBUS**
Watersheds HUC 8: **Upper Allegheny**
Watersheds HUC 12: **Brownell Branch-Brokenstraw Creek; Coffee Creek**
Decimal Degrees: **41.992978, -79.534099**
Degrees Minutes Seconds: **41° 59' 34.7208" N, 79° 32' 2.7571" W**

2. SEARCH RESULTS

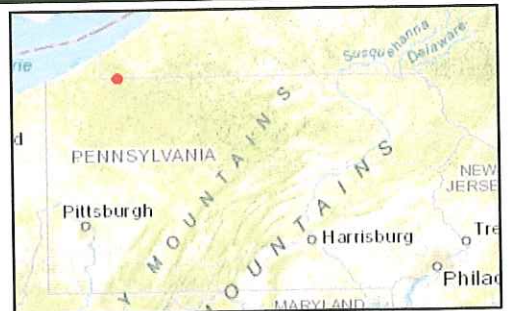
Agency	Results	Response
PA Game Commission	No Known Impact	No Further Review Required
PA Department of Conservation and Natural Resources	No Known Impact	No Further Review Required
PA Fish and Boat Commission	No Known Impact	No Further Review Required
U.S. Fish and Wildlife Service	No Known Impact	No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

Bear Lake - Smith Raz Well

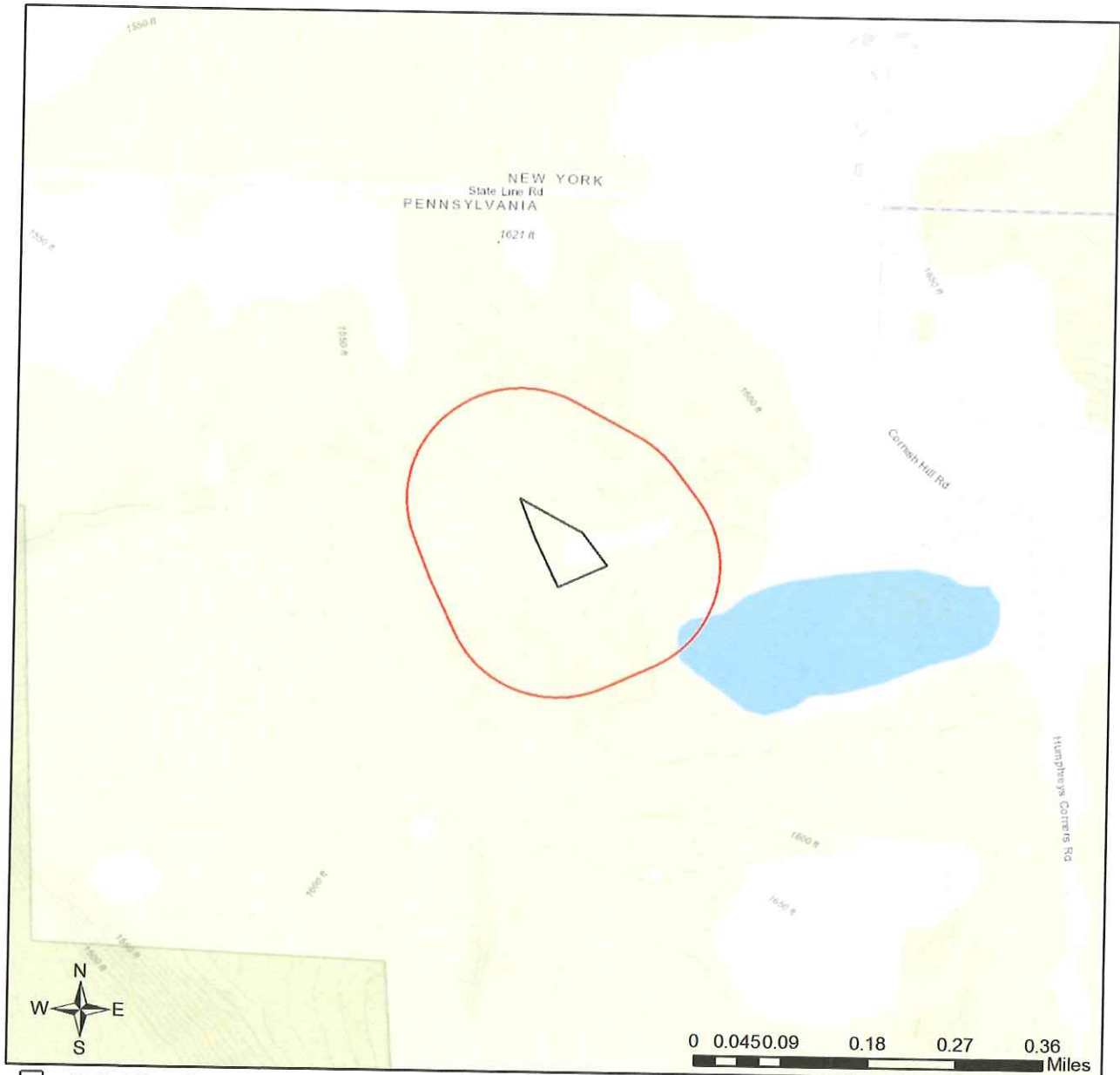


- Project Boundary
- Buffered Project Boundary



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

Bear Lake - Smith Raz Well



- Project Boundary
- Buffered Project Boundary

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



3. AGENCY COMMENTS

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

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

PA Game Commission

RESPONSE:

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). Also note that the PNDI Environmental Review Tool only contains information about species occurrences that have actually been reported to the PNHP.

6. AGENCY CONTACT INFORMATION

PA Department of Conservation and Natural Resources

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

PA Fish and Boat Commission

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

U.S. Fish and Wildlife Service

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

PA Game Commission


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

7. PROJECT CONTACT INFORMATION

Name: John McCollum
Company/Business Name: Kendra II, LLC
Address: 5459 SR29
City, State, Zip: Springville, PA 18844
Phone: (570) 737-3075 Fax: ()
Email: joham@kendra2.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

9-28-2020
date