1590 Canary Road, Quakertown, PA 18951 | 215-536-7006 | Fax: 215-538-6136



SMITHFIELD TOWNSHIP

May 15, 2025

Luke E. Eggert, SEO Hanover Engineering 252 Brodhead Road, Suite 100 Bethlehem, PA 18017-8944

Re: Component 2 Planning Module

The Estate of Nancy Michael Shukaitis—Minor Subdivision 6277 Franklin Hill Road, East Stroudsburg, PA 18301 Smithfield Township, Monroe County

Parcel Id: 16.7.2.23-1

Dear Mr. Eggert,

VW Consultants, LLC (VW) is in receipt of Hanover Engineering Review Letter dated December 19, 2025 for 6277 Franklin Hill Road. Each review comment has been outlined below with a response:

1. Section A – The project name used shall be consistent throughout the entire planning module including the submitted Plot Plan.

Response: The planning module narrative and component 1 forms have been revised to indicate The Estate of Nancy Michael Shukaitis 6277 Franklin Hill Road.

2. Section C – Please include in the "Description of Site (Project)" that there are multiple residences located within the project site.

Response: The Component 1 Section C form has been revised accordingly.

3. Section F – Please revise the project narrative to be clearer regarding Lot 2. You state that Lot 2 will contain a proposed home, yet it is intended to be sold by the current owner.

Response: The narrative has been update. The lot will be sold at a later time by the property owner. That information is not pertinent to sewage facilities planning module. The necessary soil testing and planning for the lot is currently being pursued.

- 4. Section G.1 Plot Plan
 - Section G.1.a Percolation test holes shall be numbered on the plan and shall correspond to the numbering recorded during field testing.

Response: The plan has been revised to show the percolation testing hole numbers.

• Section G.1.b – The slopes provided within the submitted plot plan are shown to be generalized using a range of percentages. Please provide exact slopes calculated using measurements gathered in the field.

Response: The plan has been revised accordingly.

Section G.1.d - Please show a proposed driveway that is to service Lot 2.

Response: This is not a PADEP plan requirement, therefore the driveway will not be shown. A note has been added to the plan that the septic system area must be protected from site disturbance during construction.

• Section G.1.e – It appears that the reserve septic area proposed on Lot 1 is within 10 feet of proposed property line running north of the existing gravel driveway on Lot 3. Please note that the perimeter of aggregate in any on-lot sewage disposal system requires a minimum of 10' isolation to all property lines, easements, or rights-of-ways.

Response: The plan has been revised to meet the 10ft isolation distance.

 Section G.1.g - Please show existing wells East of Franklin Hill Road or provide a statement within the plot plan noting that there are no known wells located within 100' of all percolation testing conducted on-site.

Response: The plan has been revised accordingly.

• Section G.1 (General) – It appears that a few text blocks overlap crucial information on Lots 2 and 3. Please revise the plot plan so that all pertinent information is visible and legible.

Response: The plan has been revised accordingly.

• Section G.1 (General) – It appears that there is an unnamed structure southwest of Lot 2's primary septic area, please identify the structure.

Response: The plan has been revised accordingly.

- 5. Section G.3 Soils Information
 - a. Complete signed Site Investigation and Percolation Test Reports have been provided and shall be included in future submissions.

Response: Will comply.

b. It appears that on the 290A submitted for Test Pit #1, it shows that the second reading for hole #3 is 4.5". Field notes recorded during percolation test witnessing indicate that the reading should be 4.125" rather than 4.5". Please advise.

Response: The Appendix A has been revised accordingly.

6. Section I - The Applicant or Consultant shall initial in the space provided.

Response: This section only needs to be initialed if we are requesting DEP to run the PNDI for us. Since we supplied a completed PNDI, this is not needed.

7. Section J – This Section shall be completed by the Smithfield Township Planning Commission and Zoning Officer.

Response: No response necessary.

GENERAL COMMENTS

8. The Plan should include a note indicating that the identified replacement absorption area locations are for future use in the event the primary on-lot system absorption areas fail, and that they must remain undisturbed.

Response: The plan has been revised to include a note.

9. Across all proposed lots, it appears that the slopes found are greater than 8%. Please revise the outlined "Septic Areas" to represent the required 4:1 (Length:Width) ratio with required 3:1 berm slopes.

Response: The plan has been revised accordingly.

10. The proposed grading and berm for the reserve Elevated Sand Mound (ESM) that is to service Lot 1 on 8-12% slopes shall be shown due to its close proximity of the proposed property line.

Response: The plan has been revised accordingly.

11. Once all comments have been addressed, a minimum of five (5) copies of the complete Planning Module submission shall be submitted for review and processing.

Thank you for your assistance,

VW Consultants, LLC

Tara Bernard

Enclosed:

- 1) Component 1 Form
- 2) Component 1 Checklist
- 3) Project Narrative
- 4) Site Investigation & Percolation Test Reports
- 5) Quad Map: East Stroudsburg
- 6) PNDI-750438
- 7) Planning Module Plan



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF POINT AND NON-POINT SOURCE MANAGEMENT

Completeness Checklist

The following items should be checked off by the applicant as each is completed. The municipality should confirm that the required items have been included within ten days of receipt and if complete, sign and date the checklist. Submissions not containing the following information will be considered incomplete.

\boxtimes	Complete Component 1
	Letter from public water supplier (if applicable)
\boxtimes	Plot plan and 7.5' topo map showing subdivision
\boxtimes	"Site Investigation and Percolation Test Report(s)" with results of <i>ALL</i> profile examinations and percolation tests (suitable and unsuitable)
\boxtimes	Signature of soils description preparer
\boxtimes	Signature of developer
\boxtimes	SEO signature
\boxtimes	PNDI "Project Planning & Environmental Review Form" (request DEP search) or "Project Environmental Review Receipt" (self completed search) and all appropriate documentation for the form submitted.
\boxtimes	Planning Agency Signature
	Zoning Officer Signature (if applicable)
	Signature of Municipal Official
	Date submittal determined complete

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COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF POINT AND NON-POINT SOURCE MANAGEMENT

Co	de	No	
-	46	110.	

SEWAGE FACILITIES PLANNING MODULE

Component 1. Exception to the Requirement to Revise the Official Plan (Return completed module package to appropriate municipality)

PROJECT INFORMATION (See Section A of instructions)

		DEP USE ONLY		
DEP CODE #	CLIENT ID#	SITE ID#	APS ID#	AUTH ID#

This planning module component is used to satisfy the sewage facilities planning requirements for subdivisions of 10 lots or less (*including residual lands*) intended as building sites for detached single family dwelling units served by individual onlot sewage disposal systems. The number of lots includes only those lots created after May 15, 1972. Refer to the instructions for help in completing this component.

NOTE: All soil testing must be field verified by the Sewage Enforcement Officer (SEO). The SEO must notify the approving agency verbally or in writing at least 10 days prior to testing. In some cases, a representative of the approving agency may wish to observe the soil testing.

REVIEW FEES: Amendments to the Sewage Facilities Act established fees to be paid by the developer for review of planning modules for land development. These fees may vary depending on the approving agency for the project (DEP or delegated local agency). Please see Section K and the attached instructions for more information on these fees.

1.	Project Name 6277 Franklin Hill R	load					
2.	Brief Project Description A propos	ed three-lot residen	tial subdivision (1 existing	lot, 2 propo	osed lots)		
3.	Total Number of Lots:				***************************************		
	Number of Lots Being Propos	ed					2
	+ Residual Land Parcel/Lot					+	1
	+ Number of Previous Lots Deve	eloped from Present	t Tract As it Appeared on I	M ay 15, 19	72	+	0
	Total	•••••				=	3 *
	* If total exceeds 10, do not use	this form. Contact	DEP for correct forms.				
В.	CLIENT (MUNICIPALITY) INFO	ORMATION (See	Section B of instructions)				
	cipality Name nfield	County Moroe	City	E	Boro		Twp ⊠
Muni Heila	cipality Contact - Last Name kka	First Name Julia	MI	Suffix	Title Towns	hip Man	ager
Addi Wolf	ional Individual Last Name e	First Name Ken	MI	Suffix	Title	Officer	
	cipality Mailing Address Line 1 Red Fox Road		Mailing Address Line 2				
	ess Last Line City Stroudsburg		State PA	ZIP+4 18301			
	ne + Ext.) 223-5082	FAX (optional) ()		(optional) smithfieldto	ownship.c	om	

	E INFORMATION (See					
Site (Land	d Development Project) Na	ame 6277 Franklin Hill Road				
	tion Line 1 nklin Hill Road		Site Locati	on Line 2		
	tion Last Line City	State		ZIP+4	Latitude	Longitude
East Stro	_	PA		18301	41°01'07.5"N	75°08'48.9"W
Detailed \	Written Directions to Site					
From 2 P	ublic Square, Wilkes-Barre	e, PA 18701; Get on PA-309	S from Wilke	s-Barre Bl	vd 6 min (2.2 mi); (Continue on PA-
200 C to	Plaine Townshin 2 min /1 7	7 mi)· Get on I-80 F in Blakes	lee 26 min (2	20.6 mi): F	0110W 1-80 E to PA-	44/ N/US-209
N in Smit	hfield Township. Take exit	309 from I-80 E 24 min (25.7	mi); Follow	US-209 N	and Music Center	Dr to Franklin
		cated 6277 Franklin Hill Rd, E	asi Silouusi	uly, I'A I	0001	
	on of Site (Project) esidence and barn with w	ooded areas.				
	act (Developer) – Last Na		MI	Suffix	Phone	Ext.
	Shukaitis)	Alice				
Site Cont	act Title		Site	Contact Fi	rm (if none, leave b	olank)
	of the Estate of Nancy Sh	ukaitis		11		
FAX			Ema	1		
()	ddress Line 1		Maili	ng Addres	s Line 2	
Malling A	doress Line 1					
Mailing A	ddress Last Line City		State)	ZIP+4	
D. PR	OJECT CONSULTANT	INFORMATION (See Sec	tion D of inst	ructions)		an street and second
Last Nan	ne	First Name		MI	·	Suffix
Bernard		Tara				
Title		Consulting Firm				
	Specialist	VW Consultants, LLC.	Adailia a d	1 :	2	
	Address Line 1		Mailing A	Address Li	ne z	
	nary Road Last Line City		State		ZIP+4 C	ountry
Quakerto	•		PA		18951 U	SA
Email		Phone		Ext.		FAX
tbernard	@vw-consultants.com	(215) 536-7006				()
E. A\	AILABILITY OF DRINE	KING WATER SUPPLY	teles (
		with drinking water from the	following sou	ırce: (Che	eck appropriate box	()
D	Individual wells or ciste	erns.				
	A proposed public water	er supply.				
	An existing public water	er supply.				
	If existing public water documentation from the	supply is to be used, provide e water company stating that	the name of it will serve t	the water he project	company and atta	ch
	Name of water compa	ny:				
F. PI	ROJECT NARRATIVE (See Section F of instructions)			
	to Contact to the state of the	prepared as described in Sec		nstruction		24. 52.00 DOS 10. 50.00 C 10.00 C 10.0
		hoose to include additional	information	beyond t	that required by S	Section F of the

1

	See Section G of instructions)

1. PLOT PLAN

Attach an original or copy of a 7½ minute USGS topographic map with the area of the proposed land development plotted and labeled. Attach a copy of the plot plan of the proposed subdivision showing the following information:

- a. Location of all soils profiles and percolation tests.
- b. Slope at each test area.
- c. Soil types and boundaries.
- Existing and proposed streets, roadways, access roads, etc.
- e. Lot lines and lot sizes.
- f. Existing and proposed rights-of-way.
- g. Existing and proposed drinking water supplies for proposed and contiguous lots.
- h. Existing buildings.
- i. Surface waters.

- Wetlands from National Wetland Inventory Mapping and USDA Hydric Soils Mapping.
- k. Floodplain and floodways (Federal Flood Insurance Mapping).
- I. Designated open space areas.
- m. Remaining acreage under the same ownership and adjoining lots.
- Existing onlot or sewerage systems; pipelines, transmission lines, etc.
- o. Prime agricultural land.
- p. Orientation to North.

2. RESIDUAL TRACT PLANNING WAIVER REQ	UES	ī
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A waiver from sewage facilities planning \square is, \boxtimes is not requested for the residual land tract associated with this project. (See Section H, I and J and instructions for additional information).

3. SOILS INFORMATION

- a. Attach copies of "Site Investigation and Percolation Test Report" (3800-FM-BPNPSM0290A) (formerly known as "Appendix A") form(s) for the proposed subdivision.
- b. Marginal conditions for long-term onlot sewage disposal ☐ are, ☒ are not present. See marginal conditions information in Sections H and J and in attached instructions.
- c. If one or more lots in this subdivision are planned to be served by Individual Residential Spray Irrigation Systems (IRSIS), please see the specific information on IRSIS in Section G of the instructions.

Both the soils description preparer and developer must sign below indicating acknowledgement of the false swearing statement.

I verify that the statements made in this component are true and correct to the best of my knowledge, information and belief. I understand that false statements are made subject to the penalties of 18 Pa. C.S.A. §4904 relating to unsworn falsification to authorities.

Joseph A Valentine Soils Description Preparer Name (Print)	12/2/2024	Alice Olenick Developer Name (Print)	12-2-2024
Signature	Date	Signature	Date

H.	MUNICIPALITY'S CERTIFIED SEWAGE ENFORCEMENT OFFICER (See Section H of instructions)
1.	I have confirmed the information relating to the general suitability for onlot sewage disposal contained in this component. Confirmation of this information was based upon on-site verification of soil tests, general site conditions and other generally available soils information. The proposed development site:
	Is generally suitable for onlot disposal. This module does not constitute individual permit approval.
	Is marginal for long-term onlot disposal. (See instructions for information on marginal conditions).
	Is not generally suitable for onlot disposal. (See my attached comments regarding this determination).
	Cannot be evaluated for general site suitability because of insufficient soils testing.
2.	The proposed development site is considered "marginal for onlot disposal" or for long-term onlot system use because one or more of the following conditions exist. (Check all that apply).
	Soils profile examinations which document areas of suitable soil intermixed with areas of unsuitable soils.
	Site evaluation which documents soils generally suitable for elevated sand mounds with some potential lots with slopes over 12%.
	Site evaluation which documents soils generally suitable for in-ground systems with some potential lots with slopes in excess of 20%.
	Lot density of more than 1 residential dwelling/acre.
3.	Residual Tract Facilities (For use only when there is an existing septic system on the residual tract)
	I have inspected the lot on which the existing building and existing septic system is located and have concluded, based on soils mapping or soils evaluation, permit information or site inspection that the long-term sewage disposal needs of this site and the building currently served can be met.
	I further acknowledge that no violations of the Sewage Facilities Act are known to me or have become apparent as a result of my site inspection. No inferences regarding future performance of the existing septic system should be drawn from this acknowledgement.
	A brief description and sketch of the existing system and site is attached.
<u> </u>	gnature of Certified Sewage Enforcement Officer with Certification Date
jur	isdiction in municipality where development is proposed
	PROTECTION OF RARE, ENDANGERED OR THREATENED SPECIES (See Section I of instructions)
l. 	
⊠ se	neck one: The "Pennsylvania Natural Diversity Inventory (PNDI) Project Environmental Review Receipt" resulting from my arch of the PNDI database and all supporting documentation from jurisdictional agencies (when necessary) is/are tached.
(P	Paris District Distri
	Applicant or Consultant Initials
J.	
fo or ha	his planning module has been reviewed by the existing municipal planning agency and zoning officer and has been und to be \square consistent, \square inconsistent with municipal zoning ordinances or subdivision and land development dinances. A waiver of the sewage facilities planning requirements for the residual tract of this subdivision \square has \square as not been requested. If requested, the proposed waiver \square is \square is not consistent with applicable ordinances dministered by this agency.
<u>S</u> 1	nithfield Township
	Municipal Planning Agency Name Zoning Officer Signature
_	Planning Agency Signature (Authorized Official)
Г	No municipal planning agency exists No municipal zoning ordinance exists

K.	MUNICIPAL ACTION (See Section K of instructions)		
The	e municipality must act within 60 days of receipt of a comple	te sewage facilities planning module package.	<u> </u>
	This planning module has been reviewed by the municipal Approval of this planning module does not constitute individ	governing body and has been found to be ACCED	TABLE.
	This planning module is NOT ACCEPTABLE because:		
	Check appropriate reason(s)		
	☐ The subdivision does not comply with municipal zoning	ordinances.	
	The subdivision does not comply with municipal subdivi	sion and land development ordinances.	
	The subdivision is not suitable for the use of individual of	onlot subsurface absorption areas.	
	The subdivision does not meet the requirements fo (Administration of Sewage Facilities Planning Program)	r use of this module or other provisions of Cha	apter 71
	Other (Explain)		
	The proposed development has been identified in Section concerns for the long-term use of onlot sewage systems providing long-term sewage disposal to this subdivision: (C	. The municipality has selected the following me	or other thod of
	Provision of a sewage management program meeting the	ne minimum requirements of Chapter 71, Section 7	1.73
	Replacement area testing		
	☐ Scheduled replacement with sewerage facilities		
	Reduction of the density of onlot systems		
	The justification required in Section J of the instructions is a	ttached.	
	A waiver of the planning requirements for the residual tract	of this subdivision has been requested.	
	The municipality acknowledges acceptance of this proposal requirements for the residual tract designated on the suresponsibility now and in the future to identify any violation required sewage facilities planning for the designated residusewage-generating structure on the residual tract of the substitution may require municipal officials to be responsible the residual tract in the future.	ubdivision plot plan. Our municipal officials acc of this waiver and to submit to the approving ager ual tract should a violation occur or construction of odivision be proposed. We understand that such p	ept full ncy any f a new lanning
	Chairperson/Secretary of Governing Body	Signature	Date
Smi	thfield Township		
	Municipality Name		
115	5 Red Fox Road, East Stroudsburg, PA 18301	(Area Code) Telephone No. (570) 223-5082	
	Address		

				보세하여 사람이 병실 보기들은 마음을 하고 보이고 되어 가장이 그 숙소화 뿐 이 분들은 다. 주역시험 및 등록했다"을 다
	REVIE	:WF	EE (See Section L of instructions)	
project modul "del e g	t and i e prior ated l	nvoice to socal	ubmission of the planning package to DEP. agency is conducting the review, the project	ng module review. DEP will calculate the review fee for the remaining and attach a self-calculated fee payment to the planning (Since the fee and fee collection procedures may vary if a set sponsor should contact the "delegated local agency" to
				send me an invoice for the correct amount. I understand EP receives the correct review fee from me for the project.
I in	have (structi ennsy eview (ny che	calcuions. Individual of my ock of	lated the review fee for my project using the I have attached a check or money order is DEP". Include DEP code number and/or project unless it receives the fee and determine money order and send me an invoice for the correct fee.	e formula found below and the revision of the formula found below and the revision of the formula form
lo	ot and	is th	be exempt from the DEP planning module review only lot subdivided from a parcel of land of a second lot from this parcel of land shall do deed reference information in support of my	iew fee because this planning module creates only one new as that land existed on December 14, 1995. I realize that isqualify me from this review fee exemption. I am furnishing fee exemption.
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#2			_ Lots X \$35.00 = <u>70</u>	
Note		1)	To poleulate the review fee for any project, U	se the number of lots created in the above formula.
	•	2)	When using the number of lots, include or review fee. Do not include any "Residual La	ily the number of lots being proposed when calculating and
Alic	e Oler	nick_	(D.J.A)	
Dev	/elope	r Nar	ne (Print)	

COMPONENT 1 SEWAGE FACILITIES PLANNING MODULE

PROJECT NARRATIVE - REVISED 1/7/2025

The Estate of Nancy Michael Shukaitis—Minor Subdivision 6277 Franklin Hill Road East Stroudsburg, PA 18301 Smithfield Township, Monroe County Parcel Id: 16.7.2.23-1

1. The Property Owner is proposed 3-lot subdivision of 6277 Franklin Hill Road in Smithfield Township, Monroe County. The existing parcel contains two residential homes and an existing barn. One of the existing homes will remain on Lot No. 1 and currently serviced by a functioning on-lot sewage disposal system and well. Lot No. 3 contains the other existing home and barn which is also serviced by a functioning on-lot sewage disposal system and well.

Lot No. 2 is the lot that will contain the proposed home. The property owner will be selling this lot in the future therefore no home is shown on this lot. A primary and reserve area has been tested for a 4-bedroom home.

VW Consultants (VW) performed deep-hole test pits and percolation testing on the lots to delineate a replacement on-lot sewage disposal area for the existing homes and a primary and reserve for the proposed home. The testing was witnessed by the Township Sewage Enforcement Officer. Based on the soils observed on the property had seasonal high water table limiting zones (mottling/redox features) generally greater than 20 inches below the existing ground surface. Therefore, the proposed method of sewage disposal is conventional sand mounds.

Runoff from the site and adjacent areas flow to Candle Creek which is classified as HQ-CWF in Chapter 93.

- 2. Per Title 25 of the PA Code, Chapter 73, the projected daily sewage flow for this 3-lot subdivision is 1,500 gallons per day. The existing house on Lot No.1 is a 5-bedroom home at 600 gpd, the existing house on Lot No. 3 is a 3-bedroom home at 400 gpd and the proposed dwelling will be four-bedrooms at 500 gallons per day. Therefore, the calculated EDUs for the project is 3.75.
- 3. Total gross site acreage is 17.58 acres. Lot 1 will contain an existing residence and will consist of 2.04 acres, and Lot 2 will consist of 2.14 acres, and Lot 3 will contain an existing residence and consist of 13.40 acres.
- 4. There is no acreage adjacent to this site under the same ownership. Residential properties border the project site and all utilize on-lot sewage disposal and individual wells. The surrounding properties do not have a high rate of on-lot system malfunctions.

PERC HOLES NOT IN SYSTEM AREA RETESTED ON 3/20/25- SEE THAT APPENDIX A

ER-BWQ-290 Appendix A Revised 5-87 RESERVE AREA LOT 2 SHEET 1 OF 2

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	te Location		(6277 Franklir	Hill Road	-	Subd'n Na	me	Lot#2 Th	e Estate of N	lancy Micha	el Shuk
☑ 5	iuitable		Soil Ty	/pe Mardin Tax	x Slope	3-8%	Limitina 2	Zone	24"M	Ave. Perc.	Rate	8.20
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RESERVE AREA LOT 2 SHEET 2 OF 2

ER-BWQ-290 Appendix A Revised 5-87

	Site Location Suitable Unsuitable					pality	3/11	ithfield Tow	nsnip	County	MO	nroe
			6	277 Franklir	Hill Road		Subd'n Na	ame	Lot#2 The	e Estate of	Nancy Micha	el Shukat
_	Unsuitable [pe Mardin Ta		3-8%	Limiting	Zone	27"M	Ave. Perc.	Rate	8.56
_				eps or Ponded V	Vater	☐ Bedrock	☐ Fract	ures	☐ Coarse	Fragments	C Perc	. Rate
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	Inches	Pit#		-		Description					10/20/24	
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-4	8 TO 18										_	
		-	10114	/4, Cobbly, Sil	t I.oam, Moo	erate, Mediu	m, Subangi	ılar Błocky, F	riable	···		
2	18 TO 27	- "	10YR 4	4, Cobbly, Sil	t Loam, Mod	erate, Mediu	m, Subangı	ılar Blocky, F	riable		_	
В	27_TO_36	H	10YR 4	4, Extremely	Channery, S	ilt Loam, Str	uctureless. N	Aassive, Fria	ble			
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		130										
		1.20	Leit	Panding	Reading No. 1:	Reading No. 2:	Reading No. 3:	Reading No. 4:	Reading No. 5:	Reading No. 6:	Reading No. 7:	Reading No. 8:
	Hole No.			Reading Interval								_
	Hole No.	• • •			No. 1: Inches	No. 2: Inches	No. 3: Inches	No. 4: inches	No. 5; Inches	No. 6: Inches	No. 7: Inches	No. 8: Inches
	Hole No.	• • •		10 / 30 10 / 30	No. 1: Inches	No. 2: Inches	No. 3: Inches	No. 4: inches	No. 5; Inches	No. 6: Inches	No. 7: Inches	No. 8: Inches
	Hole No.	• • •		10 / 30 10 / 30 10 / 30	No. 1: Inches	No. 2: Inches	No. 3: Inches	No. 4: inches	No. 5; Inches	No. 6: Inches	No. 7: Inches	No. 8: Inches
	Hole No.	• • •		10 / 30 10 / 30 10 / 30 10 / 30	No. 1: Inches	No. 2: Inches	No. 3: Inches	No. 4: inches	No. 5; Inches	No. 6: Inches	No. 7: Inches	No. 8: Inches
	Hole No.	• • •		10 / 30 10 / 30 10 / 30 10 / 30 10 / 30	No. 1: Inches	No. 2: Inches	No. 3: Inches	No. 4: inches	No. 5; Inches	No. 6: Inches	No. 7: Inches	No. 8: Inches
		Yes	No EE	10 / 30 10 / 30 10 / 30 10 / 30 10 / 30 10 / 30	No. 1: Inches of drop	No. 2: Inches of drop	No. 3: Inches of drop	No. 4: Inches of drop	No. 5: Inches of drop	No. 6: Inches of drop	No. 7: Inches of drop	No. 8: Inches
	***Waterr	Yes	No.	10 / 30 10 / 30 10 / 30 10 / 30 10 / 30	No. 1: Inches of drop	No. 2: Inches of drop	No. 3: Inches of drop	No. 4: Inches of drop	No. 5: Inches of drop	No. 6: Inches of drop	No. 7: Inches of drop	No. 8: Inches
	***Water r Calculat	Yes C emaining ion of A Drop di	no	10 / 30 10 / 30 10 / 30 10 / 30 10 / 30 10 / 30 e at the end of Percolation I	No. 1: Inches of drop	No. 2: Inches of drop	No. 3: Inches of drop	No. 4: Inches of drop	No. 5: Inches of drop	No. 6: Inches of drop	No. 7: Inches of drop	No. 8: Inches
	***Waterr	Yes Yes	no	10 / 30 10 / 30 10 / 30 10 / 30 10 / 30 10 / 30 e at the end of	No. 1: Inches of drop	No. 2: Inches of drop	No. 3: Inches of drop	No. 4: Inches of drop	No. 5: Inches of drop	No. 6: Inches of drop	No. 7: Inches of drop	No. 8: Inches
	***Water r Calculat	Yes C emaining ion of A Drop di	in the hole	10 / 30 10 / 30 10 / 30 10 / 30 10 / 30 10 / 30 e at the end of Percolation I	No. 1: Inches of drop	No. 2: Inches of drop	No. 3: Inches of drop	No. 4: Inches of drop	No. 5: Inches of drop	No. 6: Inches of drop	No. 7: Inches of drop	No. 8: Inches
	***Water r Calculat	Yes C emaining ion of A Drop di	in the hold	10 / 30 10 / 30 10 / 30 10 / 30 10 / 30 10 / 30 e at the end of Percolation I	No. 1: Inches of drop	No. 2: Inches of drop	No. 3: Inches of drop	No. 4: Inches of drop	No. 5: Inches of drop	No. 6: Inches of drop	No. 7: Inches of drop	No. 8: Inches
-	***Water r Calculat	Yes emaining ion of A Drop di final pe	in the hold	10 / 30 10 / 30 10 / 30 10 / 30 10 / 30 10 / 30 e at the end of Percolation I	No. 1: Inches of drop	No. 2: Inches of drop	No. 3: Inches of drop	No. 4: Inches of drop	No. 5: Inches of drop The informatic correct results me, performed vision, or confi	No. 6: Inches of drop	No. 7: Inches of drop	No. 8: Inches
	***Water r Calculat	Yes emaining ion of A Drop di final pe	in the hold	10 / 30 10 / 30 10 / 30 10 / 30 10 / 30 10 / 30 e at the end of Percolation I	No. 1: Inches of drop	No. 2: Inches of drop	No. 3: Inches of drop	No. 4: Inches of drop	No. 5: Inches of drop The informatic correct results me, performed	No. 6: Inches of drop	No. 7: Inches of drop	No. 8: Inches
	***Water r Calculat	Yes emaining ion of A Drop di final pe	in the hold	10 / 30 10 / 30 10 / 30 10 / 30 10 / 30 10 / 30 e at the end of Percolation I	No. 1: Inches of drop	No. 2: Inches of drop	No. 3: Inches of drop	No. 4: Inches of drop	No. 5: Inches of drop The informatic correct results me, performed vision, or confi	No. 6: Inches of drop	No. 7: Inches of drop	No. 8: Inches
	Hole No.	• • •		10 / 30 10 / 30 10 / 30	No. 1: Inches	No. 2: Inches	No. 3: Inches	No. 4: inches	No. 5; Inches	No. 6: Inches	No. 7: Inches	

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1	Applica	ation No)			Municipa			field Towns	<u>hip</u>	County	Monr	
5	Site Lo	ocation		62	77 Franklin h	Hill Road		Subd'n Nam	ie _			ancy Michael	
S	uitable				8 Mardin Tax			Limiting Zo	one _		Ave. Perc. f		10.71
ט כ	nsuitab	ole C			s or Ponded Wa		☐ Bedrock	☐ Fracture		☐ Coarse F	ragments	☐ Perc. I	Rate
			200	 475-40 big., 	abilized Fill			er					
		INSTR	UCTIO	NS FOR	COMPLET	TION OF T	HIS FOR	M ARE LO	CATED O	N THE RI	EVERSE		
• 5	COHC	DECC	DIDTION	J.)y:						Date:	10/28/24	
					y:			n of Horizon				Additional P	its
		ches	Pit#							مار. مار		Pit #4 27"M	
/b _		TO_8			t, Channery, S								
w1	8	TO_16		10YR 4/4	4, Channery, S	Silt Loam, Mo	oderate, Med	lium, Subang	jular Blocky,	Friable			
	16	TO 24	0	10YR 4/4	4, Very Chann	erv Silt Loar	m Weak, Co	arse, Suban	gular Blocky,	. Friable			
_			_ •										
B.	24	TO 36	-11 	10YR 4/4	4, Extremely F	laggy, Silt Lo	oam, Structu	reless, Massi	ive, Fnable				
		то	u	COIINGO.) UlSuriot ioue	(10010.01							-ilina
-												Depth to Lin Zone:	nuny
		то	-ji			and the second						• 1	Inches
		eta ji kacama											
,	PERC Perc	colation her Con	ON TES Test Cor	mpleted b	w 40 F _ [☑ 40 F or Abo	ove 🗵 Dry	nsultants LL		t, Snow (last	Date: 24 hours)	11/6/24	
,	PERC Perc	OLATIC colation	ON TES Test Cor	mpleted b Below	w 40 F [☑ Dr)	y ☐ Froze Reading No. 1:	ove ② Dry en Reading No. 2:	Reading No. 3:		t, Snow (last Reading No. 5: Inches	The second secon	11/6/24 Reading No 7: Inches	Reading No 8: Inches
	PERC Perc Weath Soil C	COLATION ther Con	ON TES Test Cor iditions :	mpleted b Below	w 40 F _ [y □ Froze	ove ② Dry en Reading 】	Reading	Reading No. 4:	Reading No.5	24 hours) Reading No. 6:	Reading No.7:	No 8:
	PERC Perc Weath Soil C	COLATIO colation her Con Condition	ON TES Test Cor iditions : ns:	mpleted b	w 40 F □ Dry □ Dry Reading	Reading No. 1: inches	ove Dry en Reading No. 2: Inches of drop 2.250	Reading No. 3: Inches of drop	Reading No 4: Inches of drop	Reading No. 5: Inches of drop	Reading No 6 Inches of drop	Reading No 7: Inches	No 8: Inches
	PERC Perc Weath Soil C	COLATIC colation her Con condition	ON TES Test Cor iditions : ns: H20 L	mpleted b	Reading Interval XX / 30 XX / 30	Reading No. 1: Inches of drop 2.500 2.750	Reading No. 2: Inches of drop 2.250	Reading No. 3: Inches of drop 2.250 2.375	Reading No 4: Inches of drop 2.250	Reading No. 5: Inches of drop	Reading No. 6 Inches of drop	Reading No 7: Inches	No 8: Inches
	PERC Perc Weath Soil C	COLATION CONTROL CONTR	ON TES Test Cor ditions : ns: H20 L Yes X X	mpleted b	Reading Interval XX / 30 XX / 30 XX / 30	Reading No. 1: Inches of drop 2.500 2.750 3.625	Reading No. 2: Inches of drop 2.250 2.500 3.500	Reading No. 3: Inches of drop 2.250 2.375 3.500	Reading No 4: Inches of drop 2.250 2.250 3.250	Reading No. 5: Inches of drop 2.250 3.250	Reading No. 6' Inches of drop	Reading No 7: Inches of drop	No 8: Inches
	PERC Perc Weath Soil C	Hole No.	ON TES Test Cor ditions: ns: H20L Yes X X X	mpleted b	Reading Interval XX / 30	Reading No. 1: Inches of drop 2.500 2.750 3.625 4.625	Reading No. 2: Inches of drop 2.250 2.500 3.500 4.500	Reading No. 3: Inches of drop 2.250 2.375 3.500 4.500	Reading No 4: Inches of drop 2.250 2.250 3.250 4.125	Reading No. 5: Inches of drop 2.250 3.250 4.125	Reading No.6: Inches of drop	Reading No 7: Inches of drop	No 8: Inches
	PERC Perc Weath Soil C	Hole No.	ON TES Test Cor ditions : ns: H20L Yes X X X	mpleted b	Reading Interval XX / 30	Reading No. 1: Inches of drop 2.500 2.750 3.625 4.625 4.750	Reading No. 2: Inches of drop 2.250 2.500 3.500 4.500 4.625	Reading No. 3: Inches of drop 2.250 2.375 3.500 4.500	Rain, Sleet Reading No 4: Inches of drop 2.250 2.250 3.250 4.125 4.000	Reading No. 5: Inches of drop 2.250 3.250 4.125 3.875	Reading No.6: Inches of drop	Reading No 7: Inches of drop	No 8: Inches
1	PERC Perc Weath Soil C	Hole No.	ON TES Test Cor ditions: ns: H20L Yes X X X	mpleted b	Reading Interval XX / 30	Reading No. 1: inches of drop 2.500 2.750 3.625 4.750 3.000	Reading No. 2: Inches of drop 2.250 2.500 4.500 4.625 2.625	Reading No. 3: Inches of drop 2.250 2.375 3.500 4.500 4.500 2.625	Reading No 4: Inches of drop 2.250 2.250 3.250 4.125 4.000 2.375	Reading No. 5 Inches of drop 2.250 3.250 4.125 3.875 2.375	Reading No. 6: Inches of drop 4.000	Reading No 7: Inches of drop	No 8: Inches
	PERC Perc Weath Soil C	Hole No. 1 2 3 4 5 6 ***Water	ON TES Test Cor ditions : ns: H20L X X X X X x r remaining	mpleted by Below Wet Left No	Reading Interval XX / 30 e at the end of t	y ☐ Froze Reading No. 1: inches of drop 2.500 2.750 3.625 4.625 4.750 3.000 the final 30 mi	Reading No. 2: Inches of drop 2.250 2.500 4.500 4.625 2.625	Reading No. 3: Inches of drop 2.250 2.375 3.500 4.500 4.500 2.625	Reading No 4: Inches of drop 2.250 2.250 3.250 4.125 4.000 2.375	Reading No. 5 Inches of drop 2.250 3.250 4.125 3.875 2.375	Reading No. 6: Inches of drop 4.000	Reading No 7: Inches of drop	No 8: Inches
	PERC Perc Weath Soil C	Hole No. 1 2 3 4 5 6 ***Water	ON TES Test Cor ditions : ns: H20L X X X X X x r remaining	mpleted by Below Wet Left No Process of the Hole Average for the Hole Report of the Hole	Reading Interval XX / 30 Percolation Ferc. Rate	Reading No. 1: inches of drop 2.500 2.750 3.625 4.625 4.750 3.000 the final 30 mi Rate:	Ne Dry Reading No. 2: Inches of drop 2.250 2.500 3.500 4.500 4.625 2.625 nute presoak	Reading No. 3: Inches of drop 2.250 2.375 3.500 4.500 4.500 2.625	Reading No 4: Inches of drop 2.250 2.250 3.250 4.125 4.000 2.375	Reading No. 5 Inches of drop 2.250 3.250 4.125 3.875 2.375	Reading No. 6: Inches of drop 4.000	Reading No 7: Inches of drop	No 8: Inches
. !	PERC Perc Weath Soil C	Hole No. 1 2 3 4 5 6 ***Water	ON TES Test Cor ditions : ns: H20 L Yes X X X X Drop difinal pe	mpleted by Below Wet Left No	Reading Interval XX / 30 E at the end of the Perc. Rate Minutes/in	Reading No. 1: inches of drop 2.500 2.750 3.625 4.625 4.750 3.000 the final 30 mi Rate:	Neading No. 2: Inches of drop 2.250 2.500 3.500 4.500 4.625 2.625 nute presoak	Reading No. 3: Inches of drop 2.250 2.375 3.500 4.500 4.500 2.625 7 Yes, use 30	Reading No 4. Inches of drop 2.250 2.250 3.250 4.125 4.000 2.375	Reading No. 5: Inches of drop 2.250 3.250 4.125 3.875 2.375 at; No use 10	Reading No. 6' Inches of drop 4.000 3.875	Reading No 7: Inches of drop 3.875 3.750	No 8: Inches
. !	PERC Perc Weath Soil C	Hole No. 1 2 3 4 5 6 ***Water	ON TES Test Cor ditions : ns: H20L Yes X X X X Drop difinal pe 2.25	No Prince I	Reading Interval XX / 30 Percolation F Perc. Rate Minutes/in 13.33	Reading No. 1: inches of drop 2.500 2.750 3.625 4.625 4.750 3.000 the final 30 mi Rate:	Reading No. 2: Inches of drop 2.250 2.500 3.500 4.500 4.625 2.625 nute presoak Depth of Hole 20	Reading No. 3: Inches of drop 2.250 2.375 3.500 4.500 4.500 2.625	Reading No 4 Inches of drop 2.250 2.250 3.250 4.125 4.000 2.375	Reading No. 5: Inches of drop 2.250 3.250 4.125 3.875 2.375 at; No use 10	Reading No. 6: Inches of drop 4.000 3.875 Diminute interval	Reading No 7: Inches of drop 3.875 3.750 al.	No 8: Inches
. !	PERC Perc Weath Soil C	Hole No. 1 2 3 4 5 6 ***Water	ON TES Test Cor ditions : ns: H20 L Yes X X X X Drop difinal pe 2.25	No Prince In the hote Average If uring 150 "50 "	Reading Interval XX / 30 Percolation F Perc. Rate Minutes/in 13.33 13.33	Reading No. 1: inches of drop 2.500 2.750 3.625 4.625 4.750 3.000 the final 30 mi Rate:	Reading No. 2: Inches of drop 2.250 2.500 3.500 4.625 2.625 nute presoak Depth of Hole 20 20	Reading No. 3: Inches of drop 2.250 2.375 3.500 4.500 4.500 2.625 7 Yes, use 30	Reading No 4 Inches of drop 2.250 2.250 3.250 4.125 4.000 2.375	Reading No. 5: Inches of drop 2.250 3.250 4.125 3.875 2.375 at; No use 10	24 hours) Reading No. 6' Inches of drop 4.000 3.875 D minute intervi	Reading No 7: Inches of drop 3.875 3.750 al.	No 8: Inches
. !	PERC Perc Weath Soil C	Hole No. 1 2 3 4 5 6 ***Water	ON TES Test Cor ditions : ns: H20 L Yes X X X X Drop difinal pe 2.25 3.25	No Prince In the hote Average If uring 150 "50 "550 "	Reading Interval XX / 30 Percolation F Perc. Rate Minutes/in 13.33 13.33 9.23	Reading No. 1: inches of drop 2.500 2.750 3.625 4.625 4.750 3.000 the final 30 mi Rate:	Reading No. 2: Inches of drop 2.250 2.500 3.500 4.500 4.625 2.625 Inute presoak Depth of Hole 20 20	Reading No. 3: Inches of drop 2.250 2.375 3.500 4.500 4.500 2.625 7 Yes, use 30	Reading No 4 Inches of drop 2.250 2.250 3.250 4.125 4.000 2.375	Reading No. 5: Inches of drop 2.250 3.250 4.125 3.875 2.375 at; No use 10 The informatic correct result me, performer	Reading No. 6: Inches of drop 4.000 3.875 minute intervi	Reading No 7: Inches of drop 3.875 3.750 al.	No 8: Inches
. !	PERC Perc Weath Soil C	Hole No. 1 2 3 4 5 6 ***Water	ON TES Test Cor ditions : ns: H20 L Yes X X X X Drop difinal pe 2.25 3.26 3.86	npleted by Below Wet Per Wet Per	Reading Interval XX / 30 E at the end of the Perc. Rate Minutes/Interval 13.33 13.33 9.23 7.74	Reading No. 1: inches of drop 2.500 2.750 3.625 4.625 4.750 3.000 the final 30 mi Rate:	Reading No. 2: Inches of drop 2.250 2.500 3.500 4.500 4.625 2.625 nute presoak Depth of Hole 20 20 20	Reading No. 3: Inches of drop 2.250 2.375 3.500 4.500 4.500 2.625 7 Yes, use 30	Reading No 4: Inches of drop 2.250 3.250 4.125 4.000 2.375	Reading No. 5: Inches of drop 2.250 3.250 4.125 3.875 2.375 at; No use 10 The informatic correct result me, performer	Reading No. 6: Inches of drop 4.000 3.875 D minute intervious provided is s of tests conducted under my pendirmed in a ma	Reading No 7: Inches of drop 3.875 3.750 al. the true and ucted by rsonal super-	No 8: Inches
. !	PERC Perc Weath Soil C	Hole No. 1 2 3 4 5 6 ***Water	ON TES Test Corditions:	No In the hole Average If uring 50 "50 "50 "50 "50 "	Reading Interval XX / 30 Percolation F Perc. Rate Minutes/in 13.33 13.33 9.23	Reading No. 1: inches of drop 2.500 2.750 3.625 4.625 4.750 3.000 the final 30 mi Rate:	Reading No. 2: Inches of drop 2.250 2.500 3.500 4.500 4.625 2.625 Inute presoak Depth of Hole 20 20 20 20	Reading No. 3: Inches of drop 2.250 2.375 3.500 4.500 4.500 2.625 7 Yes, use 30	Reading No 4: Inches of drop 2.250 3.250 4.125 4.000 2.375	Reading No. 5: Inches of drop 2.250 3.250 4.125 3.875 2.375 at; No use 10 The informaticorrect result me, performe vision, or correct	Reading No. 6: Inches of drop 4.000 3.875 D minute intervious provided is s of tests conducted under my pendirmed in a ma	Reading No 7: Inches of drop 3.875 3.750 al. the true and ucted by rsonal super-	No 8: Inches
	PERC Perc Weath Soil C	Hole No. 1 2 3 4 5 6 ***Water	ON TES Test Cor ditions : ns: H20 L Yes X X X X Premaining attion of A Drop di final pe 2.25 3.25 3.75 2.37	No In the hole Average If uring 50 "50 "50 "50 "50 "	Reading Interval XX / 30 E at the end of the Percolation For Perconation For Perconati	Reading No. 1: Inches of drop 2.500 2.750 3.625 4.625 4.750 3.000 the final 30 mi Rate:	Reading No. 2: Inches of drop 2.250 2.500 3.500 4.625 2.625 Inute presoak Depth of Hole 20 20 20 20	Reading No. 3: Inches of drop 2.250 2.375 3.500 4.500 4.500 2.625 ? Yes, use 30	Reading No 4: Inches of drop 2.250 3.250 4.125 4.000 2.375	Reading No. 5: Inches of drop 2.250 3.250 4.125 3.875 2.375 at; No use 10 The informaticorrect result me, performe vision, or correct	Reading No. 6: Inches of drop 4.000 3.875 D minute intervious provided is s of tests conducted under my pendirmed in a ma	Reading No 7: Inches of drop 3.875 3.750 al. the true and ucted by rsonal super-	No 8: Inches

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6277 Franklin oil Type Mardin Tax Oil Type Mardin Tax Oil Seeps or Ponded Wa Oil Unstabilized Fill S FOR COMPLET OYR 3/4, Channery, S OYR 4/4, Cobbly, Silt	Siope ater Floodp TION OF Silt Loam, M Loam, Mod Loam, Mod	3-8% Bedrociolain DO THIS FOF VW Co Description Indecente, Medicalerate, Medicale	ther	Zone ures OCATED LC / JAV on ular, Very Fri	27"M Coarse ON THE R able	Ave. Perc. Fragments	10/28/24	JO.71 Rate
☐ Seeps or Ponded War Distribution of Ponded Wa	TION OF Silt Loam, Mod Loam, Mod Loam, Wea	Bedrociolain O O THIS FOF VW Co Descriptic Moderate, Medicerate, Medicerate	k D Fractither RM ARE L Insultants L On of Horiz Edium, Granu Im, Subangu Im, Subangu	OCATED LC / JAV on ular, Very Friular Blocky, F	Coarse ON THE R able riable	Fragments EVERSE	10/28/24	. Rate
Unstabilized Fill S FOR COMPLET plete by: OYR 3/4, Channery, S OYR 4/4, Cobbly, Silt OYR 4/4, Cobbly, Silt ownmon distinct redox	☐ Floodp TION OF Silt Loam, M Loam, Mod Loam, Mod Loam, Wea	THIS FOR VW Co Description Inderste, Medicerate, Me	ther	OCATED LC / JAV on ular, Very Fri- ular Blocky, F	ON THE R able riable	EVERSE	10/28/24	. Rate
S FOR COMPLET IN INC. OYR 3/4, Channery, SONG A/4, Cobbly, Silt OYR 4/4, Cobbly, Silt OYR 4/4, Cobbly, Silt common distinct redox	TION OF Silt Loam, Mod Loam, Mod Loam, Mod	THIS FOR VW Co Description loderate, Medic lerate, Medic	RM ARE L nsultants L on of Horiz edium, Granu um, Subangu um, Subangu	LC / JAV on ular, Very Fri ular Blocky, F ular Blocky, F	able riable riable		- - - Depth to Li	mitina
OYR 3/4, Channery, S OYR 4/4, Cobbly, Silt OYR 4/4, Cobbly, Silt OYR 4/4, Cobbly, Silt OYR 4/4, Cobbly, Silt Common distinct redox	Silt Loam, M Loam, Mod Loam, Mod Loam, Wea	VW Co Description Indecate, Medicerate, Me	nsultants L on of Horiz edium, Granu um, Subangu um, Subangu	LC / JAV on ular, Very Fri ular Blocky, F ular Blocky, F	able riable riable		- - - Depth to Li	mitina
OYR 3/4, Channery, S OYR 4/4, Cobbly, Silt OYR 4/4, Cobbly, Silt OYR 4/4, Cobbly, Silt ommon distinct redox	Silt Loam, M Loam, Mod Loam, Mod Loam, Wea	Description loderate, Medic lerate, Medic lerate, Medic	on of Horiz edium, Grand um, Subangu um, Subangu	on Jiar, Very Fri Jiar Blocky, F Jiar Blocky, F	able riable riable	Date:	- - - Depth to Li	mitina
0YR 3/4, Channery, S 0YR 4/4, Cobbly, Silt 0YR 4/4, Cobbly, Silt 0YR 4/4, Cobbly, Silt ommon distinct redox	Silt Loam, M Loam, Mod Loam, Mod Loam, Wea	Description loderate, Medic lerate, Medic lerate, Medic	on of Horiz edium, Grand um, Subangu um, Subangu	on Jiar, Very Fri Jiar Blocky, F Jiar Blocky, F	able riable riable	Date:	- - - Depth to Li	mitina
OYR 4/4, Cobbly, Silt OYR 4/4, Cobbly, Silt OYR 4/4, Cobbly, Silt common distinct redox	Silt Loam, M Loam, Mod Loam, Mod Loam, Wea	loderate, Medic lerate, Medic lerate, Medic	edium, Granu um, Subangu um, Subangu	ular, Very Fri ular Blocky, F ular Blocky, F	riable riable			mitina
OYR 4/4, Cobbly, Silt OYR 4/4, Cobbly, Silt OYR 4/4, Cobbly, Silt common distinct redox	Loam, Mod Loam, Mod Loam, Wea	erate, Medic	ım, Subangu ım, Subangu	ılar Blocky, F	riable riable			mitina
0YR 4/4, Cobbly, Silt 0YR 4/4, Cobbly, Silt common distinct redox	Loam, Mod Loam, Wea	erate, Mediu	ım, Subangu	ılar Blocky, F	riable			mitina
OYR 4/4, Cobbly, Silt common distinct redox	Loam, Wea							mitina
OYR 4/4, Cobbly, Silt common distinct redox	Loam, Wea							mitina
ommon distinct redox		ik, Coarse, S	Subangular E	Blocky, Friab	e			mitina
	i leatures							mitina
eleted by: VW Co								mitina
eleted by: VW Co								
eleted by: VW (c							_Zone: 27	Inches
eleted by: VW (c								
T	Reading	Reading	Reading	Reading	Reading	Reading	Reading	Reading
Reading	No. 1: Inches	No. 2: Inches	No. 3: inches	No. 4: inches	No. 5: inches			No. 8: Inches
o interval	of drop	of drop	of drop	of drop	of drop	of drop	of drop	of drop
10/30								
						***************************************		***************************************
	166	T-H	- OH	-L		.		
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	Reading interval 10 / 30 10 / 30 10 / 30 10 / 30 10 / 30 10 / 30	Reading No. 1: Inches of drop 10 / 30 10 / 30 10 / 30 10 / 30 10 / 30 10 / 30	Wet Dry Frozen Reading No. 1: No. 2: Inches of drop 10 / 30 10 / 30 10 / 30	Wet Dry Frozen Reading No. 1: No. 2: No. 3: Inches of drop 10 / 30 10 / 30 10 / 30 10 / 30	Wet Dry Frozen Reading No. 1: No. 2: No. 3: No. 4: Inches Inches of drop of drop 10 / 30 10 / 30 10 / 30 10 / 30	Wet Dry Frozen Reading Reading Reading Reading Reading No. 1: No. 2: No. 3: No. 4: No. 5: Inches Inches Inches of drop of drop of drop of drop	Wet Dry Frozen Reading No. 1: No. 2: No. 3: No. 4: No. 5: No. 6: Inches of drop of drop of drop of drop of drop of drop 10 / 30 10 / 30 10 / 30 10 / 30	Wet Dry Frozen Reading No. 7: Inches Inches

Municipality

Smithfield Township County

Monroe

Site Locatio Suitable Unsuitable	n <u>627</u>				pality		hfield Town		County Estate of	Vancy Michae	al Shukati
			in Hill Road (10					100 575-6197-617	L. CHENNAND TO		ei Oliukau
		ıg 🏻 Se	ype Mardin Tax eeps or Ponded Winstabilized Fill		8-15% Bedrock Diain Oth	Limiting 2 □ Fractu er	a profession in the contract of the contract o	23"M Coarse F	Ave. Perc. ragments	Rate Perc	. Rate
INST	RUCTI	ONS FO	OR COMPLE	TION OF	THIS FOR	W ARE LO	OCATED (ON THE R	EVERSE		
SOILS DES	CRIPTIC cription (DN: Complete	e by:		VW Con	sultants Ll	.C / JAV		Date:	10/28/24	
inches	Pit				Description	of Horizo)n			Additional	Pits
<u>0 TO</u>	8 "	10YR	3/4, Gravelly, Si	it Loam, Mo	oderate, Medic	ım, Granula	ar, Very Friab	le		_ Pit #6 32"N	Λ
1 8 TO 1	7 "	10YR	4/4, Gravelly, Si	ilt Loam, Mo	oderate, Medic	ım, Subang	ular Blocky,	Friable			
2 17 TO 2			4/4, Cobbly, Silt								

3 23 TO 3			4/4, Channery, s		Muciureless, 1	VIASSIVE, FI	lanie				
Cr <u>33</u> TO 4	<u>o_</u> "	Fractu	red Shale Bedro	ock						Depth to L	imiting
то_						.,				Zone: 23	Inches
то_											
DEDOO! A	TON TO	OT.									
PERCOLA Percolatio	n Test C	omplete			<i>\\</i>				Date:	NIA	
			Jan. 40 C	☐ 40 F or Al	one Dry		D Dain Sle	et, Snow (last	74 hours		
Weather Co							L Nany Sic	ct, snow has	211100139		
Soil Conditi	ons:	U W □			en Reading	Reading	Reading	Reading	Reading	Reading	Reading
Soil Conditi	ons:	D W	/et □ Dr Reading	y □ From Reading No. 1: Inches	Reading No. 2:	Reading No. 3: Inches	Reading No. 4 Inches	Reading No. 5: Inches	Reading No. 6 Inches	No. 7: inches	No 8 Inches
	ons:	D W	Reading	y □ Froz Reading No. 1:	Reading No. 2:	Reading No. 3:	Reading No. 4	Reading No.5:	Reading No 6	No. 7.	No 8
Soil Conditi	ons:	D W	Reading Interval	y □ From Reading No. 1: Inches	Reading No. 2:	Reading No. 3: Inches	Reading No. 4 Inches	Reading No. 5: Inches	Reading No. 6 Inches	No. 7: inches	No 8 Inches
Soil Conditi	ons:	D W	Reading	y □ From Reading No. 1: Inches	Reading No. 2: Inches of drop	Reading No. 3: Inches	Reading No. 4 Inches	Reading No. 5: Inches	Reading No. 6 Inches	No. 7: inches	No 8 Inches
Soil Conditi	ons:	D W	Reading Interval	y □ From Reading No. 1: Inches	Reading No. 2:	Reading No. 3: Inches	Reading No. 4 Inches	Reading No. 5: Inches	Reading No. 6 Inches	No. 7: inches	No 8 Inches
Soil Conditi	ons:	D W	Reading Interval 10 / 30 10 / 30 10 / 30	y □ From Reading No. 1: Inches	Reading No. 2: Inches of drop	Reading No. 3: Inches	Reading No. 4 Inches	Reading No. 5: Inches	Reading No. 6 Inches	No. 7: inches	No 8 Inches

To the state of th		Application Site Location			Frankl	in Hill Road (ipality	Sm Subdia N	ithfield Tow		County		onroe
Unsuitable Seeps or Ponded Water	0	Suitable	"'' -	<u> </u>										el Shukatis
Solls Description Complete by: WW Consultants LLC / JAV Date: 10/28/24	0	Unsuitable			g □ Se	eps or Ponded V	- Water	☐ Bedroci	k D Fract	ures				c. Rate
SOILS DESCRIPTION: Soils Description Complete by:	-	INST	RU	CTIC	NS FC	R COMPLE	TION OF	THIS FOR	RM ARE L	OCATED	ON THE	REVERSE		
Inches		SOILS DES	CR	IPTIO	N:							_	10/28/24	
Ap 0 TO 8 " 10YR 3/4, Channery, Silt Loam, Moderate, Medium, Granular, Very Friable 10YR 4/4, Cobbly, Silt Loam, Moderate, Medium, Subangular Blocky, Friable 10YR 4/4, Cobbly, Silt Loam, Weak, Coarse, Subangular Blocky, Friable 10YR 4/4, Cobbly, Silt Loam, Weak, Coarse, Subangular Blocky, Friable 10YR 4/4, Cobbly, Silt Loam, Weak, Coarse, Subangular Blocky, Friable 10YR 4/4, Cobbly, Silt Loam, Weak, Coarse, Subangular Blocky, Friable 10YR 4/4, Cobbly, Silt Loam, Weak, Coarse, Subangular Blocky, Friable 10YR 4/4, Cobbly, Silt Loam, Weak, Coarse, Subangular Blocky, Friable 10YR 4/4, Cobbly, Silt Loam, Weak, Coarse, Subangular Blocky, Friable 10YR 4/4, Cobbly, Silt Loam, Weak, Coarse, Subangular Blocky, Friable 10YR 4/4, Cobbly, Silt Loam, Weak, Coarse, Subangular Blocky, Friable 10YR 4/4, Cobbly, Silt Loam, Weak, Coarse, Subangular Blocky, Friable 10YR 4/4, Cobbly, Silt Loam, Weak, Coarse, Subangular Blocky, Friable 10YR 4/4, Cobbly, Silt Loam, Weak, Coarse, Subangular Blocky, Friable 10YR 4/4, Cobbly, Silt Loam, Weak, Coarse, Subangular Blocky, Friable 10YR 4/4, Cobbly, Silt Loam, Weak, Coarse, Subangular Blocky, Friable 10YR 4/4, Cobbly, Silt Loam, Weak, Coarse, Subangular Blocky, Friable 10YR 4/4, Cobbly, Silt Loam, Weak, Coarse, Subangular Blocky, Friable 10YR 4/4, Cobbly, Silt Loam, Weak, Coarse, Subangular Blocky, Friable 10YR 4/4, Cobbly, Silt Loam, Weak, Coarse, Subangular Blocky, Friable 10YR 4/4, Cobbly, Silt Loam, Weak, Coarse, Subangular Blocky, Friable 10YR 4/4, Cobbly, Silt Loam, Weak, Coarse, Subangular Blocky, Friable 10YR 4/4, Cobbly, Silt Loam, Weak, Coarse, Subangular Blocky, Friable 10YR 4/4, Cobbly, Silt Loam, Weak, Coarse, Subangular Blocky, Friable 10YR 4/4, Cobbly, Silt Loam, Weak, Coarse, Subangular Blocky, Friable 10YR 4/4, Cobbly, Silt Loam, Weak, Coarse, Subangular Blocky, Friable 10YR 4/4, Cobbly, Silt Loam, Weak, Coarse, Subangular Blocky, Friable 10YR 4/4, Cobbly, Silt Loam, Weak, Coarse, Subangular Blocky, Friable 10YR 4/4, Cobbly, Silt Loam, Weak, Coars						-							10/2012	
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10YR 4/4, Cobbly, Silt Loam, Weak, Coarse, Subangular Blocky, Friable 10YR 4/4, Cobbly, Silt Loam, Weak, Coarse, Subangular Blocky, Friable 10YR 4/4, Cobbly, Silt Loam, Weak, Coarse, Subangular Blocky, Friable Common distinct redox features 10YR 4/4, Cobbly, Silt Loam, Weak, Coarse, Subangular Blocky, Friable Common distinct redox features 10YR 4/4, Cobbly, Silt Loam, Weak, Coarse, Subangular Blocky, Friable Common distinct redox features 10YR 4/4, Cobbly, Silt Loam, Weak, Coarse, Subangular Blocky, Friable Common distinct redox features 10YR 4/4, Cobbly, Silt Loam, Weak, Coarse, Subangular Blocky, Friable 10YR 4/4, Cobbly, Silt Loam, Weak, Coarse, Subangular Blocky, Friable 10YR 4/4, Cobbly, Silt Loam, Weak, Coarse, Subangular Blocky, Friable 10YR 4/4, Cobbly, Silt Loam, Weak, Coarse, Subangular Blocky, Friable 10YR 4/4, Cobbly, Silt Loam, Weak, Coarse, Subangular Blocky, Friable 10YR 4/4, Cobbly, Silt Loam, Weak, Coarse, Subangular Blocky, Friable 10YR 4/4, Cobbly, Silt Loam, Weak, Coarse, Subangular Blocky, Friable 10YR 4/4, Cobbly, Silt Loam, Weak, Coarse, Subangular Blocky, Friable 10YR 4/4, Cobbly, Silt Loam, Weak, Coarse, Subangular Blocky, Friable 10YR 4/4, Cobbly, Friable 10YR 4/4, Cobbly, Silt Loam, Weak, Coarse, Subangular Blocky, Friable 10YR 4/4, Cobbly, Friable 10YR	Bw1			-									<u></u>	
TO	3w2												Neste	
TO " TO " TO " PERCOLATION TEST: Percolation Test Completed by: Weather Conditions: Below 40 F 40 F or Above Dry Rain, Sleet, Snow (last 24 hours) Soil Conditions: Wet Dry Frozen Hola No. Yes No Reading No. 1: No. 2: No. 3: No. 4: No. 5: No. 6: No. 7: Inches Inches of drop													nires	
PERCOLATION TEST: Percolation Test Completed by: Weather Conditions: Below 40 F 40 F or Above Dry Rain, Sleet, Snow (last 24 hours) Soil Conditions: Wet Dry Frozen H20 Left Reading Reading No. 1: No. 2: No. 5: No. 6: No. 7: No. 8: Inches Inches Inches Inches Inches Inches Of drop o	SWJ.				10YR 4	//4, Cobbly, Sill on distinct red	t Loam, Wea	ik, Coarse, S	kubangular E	3locky, Friab	ie		- ,	
PERCOLATION TEST: Percolation Test Completed by: Weather Conditions: Below 40 F		то_		ria Table										
PERCOLATION TEST: Percolation Test Completed by: Weather Conditions: Below 40 F		то_		1						1.45 <u>1.15 .</u>				imiting
PERCOLATION TEST: Percolation Test Completed by: Weather Conditions: Below 40 F Or Above Dry Rain, Sleet, Snow (last 24 hours) Soil Conditions: Wet Dry Frozen H20 Left Reading Reading Reading Reading No. 1: No. 2: No. 3: No. 4: No. 5: No. 6: No. 7: No. 8: Inches		TO	IF	•								***********		Inches
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Hole No. Yes No Reading Interval Inches Inche		Weather Co	ndit	tions :	☐ Belo	ow 40 F		ove 🗆 Dr	y	☐ Rain, Sle	et, Snow (las		N/A	r.
Hole No. Yes No Reading Interval of drop Inches of drop of dro		1000	1	H20 I										
10/30 10/30 10/30 10/30 10/30		i i	- [eft									
10/30 NOT CONDUCTED 10/30 10/30		Hole No		1			No. 1: Inches	No. 2: Inches	No. 3: Inches	No. 4: Inches	No. 5: Inches	No. 6; Inches	No. 7: Inches	No. 8: inches
10/30 POT CONSUCTES		Hole N	<u> </u>	1		Interval	No. 1: Inches	No. 2: Inches	No. 3: Inches	No. 4: Inches	No. 5: Inches	No. 6; Inches	No. 7: Inches	No. 8: inches
10/30		Hola N	2	1		10 / 30	No. 1: Inches	No. 2: Inches	No. 3: Inches	No. 4: Inches	No. 5: Inches	No. 6; Inches	No. 7: Inches	No. 8: inches
10/30		Hole N		1		10 / 30 10 / 30 10 / 30	No. 1: Inches	No. 2: Inches	No. 3: Inches of drop	No. 4: Inches of drop	No. 5: Inches of drop	No. 6; Inches	No. 7: Inches	No. 8: inches
***Water remaining in the hole at the end of the final 30 minute presoak? Yes, use 30 minute interval. No use 10 minute interval.		Hola N		1		10 / 30 10 / 30 10 / 30 10 / 30 10 / 30	No. 1: Inches	No. 2: Inches	No. 3: Inches of drop	No. 4: Inches of drop	No. 5: Inches of drop	No. 6; Inches	No. 7: Inches	No. 8: inches
**		Hole N	D	1		10 / 30 10 / 30 10 / 30 10 / 30 10 / 30 10 / 30	No. 1: Inches	No. 2: Inches	No. 3: Inches of drop	No. 4: Inches of drop	No. 5: Inches of drop	No. 6; Inches	No. 7: Inches	No. 8: inches
		·Wate	er ren	Yes	No in the hol	10 / 30 10 / 30 10 / 30 10 / 30 10 / 30 10 / 30 10 / 30	No. 1: Inches of drop	No 2: Inches of drop	No. 3: Inches of drop	No. 4: Inches of drop	No. 5: Inches of drop	No. 6: Inches of drop	No. 7: Inches of drop	No. 8: inches
Drop during Perc. Rate as Depth		····Wate	er rem	Yes maining on of A	in the hole verage	10 / 30 10 / 30 10 / 30 10 / 30 10 / 30 10 / 30 10 / 30 He at the end of the Percolation Ferc. Rate	No. 1: Inches of drop	No 2: Inches of drop	No. 3: Inches of drop	No. 4: Inches of drop	No. 5: Inches of drop	No. 6: Inches of drop	No. 7: Inches of drop	No. 8: inches
Drop during Perc. Rate as Depth Hole No. final period Minutes/Inch of Hole	•	····Wate	er rem	Yes maining on of A	in the holiverage	10 / 30 10 / 30 10 / 30 10 / 30 10 / 30 10 / 30 10 / 30 He at the end of the Percolation Ferc. Rate	No. 1: Inches of drop	No 2: Inches of drop	No. 3: Inches of drop	No. 4: Inches of drap	No. 5: Inches of drop	No. 6: Inches of drop	No. 7: Inches of drop	No. 8: inches
Drop during Perc. Rate as Depth Hole No final period Minutes/inch of Hole " The information provided is the true and	· -	····Wate	er rem	Yes maining on of A	in the holiverage	10 / 30 10 / 30 10 / 30 10 / 30 10 / 30 10 / 30 10 / 30 He at the end of the Percolation Ferc. Rate	No. 1: Inches of drop	No 2: Inches of drop	No. 3: Inches of drop	No. 4: Inches of drop	No. 5: Inches of drop	No. 6: Inches of drop	No. 7: Inches of drop	No. 8: inches
Drop during Perc. Rate as Depth Hole No. final period Minutes/Inch of Hole	! -	····Wate	er rem	Yes maining on of A	in the holiverage	10 / 30 10 / 30 10 / 30 10 / 30 10 / 30 10 / 30 10 / 30 He at the end of the Percolation Ferc. Rate	No. 1: Inches of drop	No 2: Inches of drop	No. 3: Inches of drop	No. 4: Inches of drop	No. 5: Inches of drop	No. 6: Inches of drop 0 minute interva-	No. 7: Inches of drop	No. 8: inches
Drop during Perc. Rate as Depth Hole No final period Minutes/Inch of Hole The information provided is the true and correct results of tests conducted by	! - -	····Wate	er rem	Yes maining on of A	in the holiverage	10 / 30 10 / 30 10 / 30 10 / 30 10 / 30 10 / 30 10 / 30 He at the end of the Percolation Ferc. Rate	No. 1: Inches of drop	No 2: Inches of drop	No. 3: Inches of drop	No. 4: Inches of drop	No. 5: Inches of drop	No. 6: Inches of drop 0 minute interva- tion provided is 6 its of tests condu- ad under my per	No. 7: Inches of drop	No. 8: inches
Hole No final period Minutes/Inch of Hole The information provided is the true and correct results of tests conducted by me, performed under my personal super-	! - - -	····Wate	er rem	Yes maining on of A	in the holiverage	10 / 30 10 / 30 10 / 30 10 / 30 10 / 30 10 / 30 10 / 30 He at the end of the Percolation Ferc. Rate	No. 1: Inches of drop	No 2: Inches of drop	No. 3: Inches of drop	No. 4: Inches of drop	No. 5: Inches of drop The informat correct result me, performe vision, or correct	No. 6: Inches of drop O minute interva- tion provided is 6 its of tests condu- ad under my per offirmed in a mar	No. 7: Inches of drop	No. 8: inches
Hole No. Drop during final period Minutes/Inch of Hole The information provided is the true and correct results of tests conducted by me, performed under my personal supervision, or confirmed in a manner approved by the Department.	-	Calcul Hole No	er ren latio D fii	Yes maining on of A	in the holiverage	10 / 30 10 / 30 10 / 30 10 / 30 10 / 30 10 / 30 10 / 30 He at the end of the Percolation Ferc. Rate	No. 1: Inches of drop	No 2: Inches of drop	No. 3: Inches of drop	No. 4: Inches of drop	No. 5: Inches of drop The informat correct result me, performe vision, or correct	No. 6: Inches of drop O minute intervation provided is 6 is of tests condusted under my per offirmed in a mar	No. 7: Inches of drop	No. 8: inches
Hole No final period Perc. Rate as Depth of Hole The information provided is the true and correct results of tests conducted by me, performed under my personal supervision, or confirmed in a manner approved	-	Calcul Hole No	ar ren latio D fir	Yes maining on of A Drop du nal per	in the hole average pring riod	10 / 30 10 / 30 10 / 30 10 / 30 10 / 30 10 / 30 10 / 30 He at the end of the Percolation Ferc. Rate	No. 1: Inches of drop	No 2: Inches of drop	No. 3: Inches of drop	No. 4: Inches of drop	No. 5: Inches of drop The informat correct result me, performe vision, or cor by the Depar	No. 6: Inches of drop O minute intervation provided is to strests conducted under my perifirmed in a marttment.	No. 7: Inches of drop the true and ucted by resonal super-	No. 8: inches

LOT I RESERVE SEPTIC AREA SHEET 1 OF 2

ER-BWO-290 Appendix A Revised 5-87

	ble		Soi	Type Marc	in Tax	Slope _	3-8%	Limiting Z	one _	25"M	Ave. Perc.		11.54
Insu	itable) Seeps or Por		ater	☐ Bedrock	☐ Fracture	es	☐ Coarse f	Fragments	☐ Per	c. Rate
				Unstabilized		☐ Floodpla				=		ya inganing sa	
~~	INSTI			FOR COM	APLE	TION OF T	THIS FOR	M ARE LO	CATED O	NTHER	EVERSE		
S	oils Desc	ription	Comp	lete by:			VW Cons	sultants LL(C/JAV		Date:	10/28/24	
	Inches		# 7				Description					Additiona	l Pits
	0 TO 8	3 "	10	YR 3/4, Char	nery,	Silt Loam, Mo	oderate, Med	ium, Granula	ar, Very Friat	ole		_Pit #8 37'	M'
	 8 TO 16	777	10	YR 4/4. Grav	ellv. Si	it Loam, Mod	lerate, Mediu	ım, Subangu	ilar Blocky, F	riable			
		7				Loam, Weal							
	6 TO 2												
3_2	5 TO 40	2_"	10	YR 4/4, Extre	mely (Channery, Sil	t Loam, Struc	ctureless, Ma	assive, Friab	le			
	то	u	Co	mmon uisara	or redo	x realures							
						1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						Depth to Zone:	Limiting
	то											25	Inches
	то		عينا الم										
Pe We	ercolation ather Co	Test (s: C	eted by: Below 40 F		2 40 F or Abo	we 🖸 Dry	sultants LL	C / GH □ Rain, Slee	t, Snow (last	Date: 24 hours)	11/8/24	
Pe We	ercolation	n Test (ndition ons:	Comples: E	eted by: I Below 40 F I Wet	② Dr	2 40 F or Abo	we 🖸 Dry		Rain, Slee	Reading No. 5	24 hours) Reading No. 6	Reading No. 7:	Reading No. 8
Pe We	ercolation eather Co il Condition	ndition ons:	Comples: C	Below 40 F Wet Rea		☑ 40 F or Abo y ☐ Froze Reading	n n Reading	Reading	☐ Rain, Slee	Reading	24 hours) Reading	Reading	
Pe We	ercolation ather Co	ndition ons:	Comples: E	Below 40 F Wet Rea	② Dr	☑ 40 F or Abo y ☐ Froze Reading No. 1: Inches	ne Dry n Reading No. 2: inches	Reading No. 3: Inches	Reading No. 4: Inches	Reading No. 5 Inches	24 hours) Reading No. 6 Inches of drop	Reading No. 7: Inches	No. 8 Inches
Pe We	ercolation eather Co il Condition	n Test (ndition ons:	Comples: E	Below 40 F Wet Rea	② Dr ading	☑ 40 F or Abo y ☐ Froze Reading No. 1: Inches of drop	Reading No. 2: Inches of drop	Reading No. 3: Inches of drop	Reading No. 4: Inches of drop	Reading No. 5 Inches of drop 4.375 4.125	24 hours) Reading No. 6 Inches of drop 4.00	Reading No. 7. Inches of drop	No. 8 Inches
Pe We	eather Co Il Condition	n Test (ndition ons: H	Comples: E	Below 40 F Wet Realinte XX XX	② Dr ading rval /30	☑ 40 F or Abo y ☐ Froze Reading No. 1: Inches of drop	Reading No. 2: Inches of drop 4.625	Reading No. 3: Inches of drop	Reading No. 4: Inches of drop 4.375 4.000 1.250	Reading No. 5 Inches of drop 4.375 4.125	Reading No. 6: Inches of drop 4.00	Reading No. 7. Inches of drop	No. 8 Inches
Pe We	ercolation eather Co il Condition Hole No.	n Test (ndition ons: History o Ye	Comples : C	Below 40 F Wet Receinte XX XX XX	② Drading rval /30	□ 40 F or Abo y □ Froze Reading No. 1: inches of drop 5.125 4.875 1.625 3.375	Reading No. 2: inches of drop 4.625 4.500 1.500 3.250	Reading No. 3: Inches of drop 4.500 4.250 1.375 2.875	Rain, Slee Reading No. 4: Inches of drop 4.375 4.000 1.250 2.750	Reading No. 5 Inches of drop 4.375 4.125 1.250 2.750	Reading No 6 Inches of drop 4.00	Reading No. 7. Inches of drop	No. 8 Inches
Pe We	Hole N	n Test (ndition ons: Ho x x x x	Comples : E	Below 40 F Wet Realinte XX XX XX XX	@ Dr ading rval / 30 / 30	□ 40 F or Abo y □ Froze Reading No. 1: Inches of drop 5.125 4.875 1.625 3.375 4.250	Reading No. 2: Inches of drop 4.625 4.500 1.500 3.250 3.750	Reading No. 3: Inches of drop 4.500 4.250 1.375 2.875 3.625	Reading No. 4: tnches of drop 4.375 4.000 1.250 2.750 3.500	Reading No. 5 Inches of drop 4.375 4.125	Reading No 6 Inches of drop 4.00	Reading No. 7. Inches of drop	No. 8 Inches
Pe We	Hole N 2 3 4 5	n Test (ndition ons: Ye X X X	Comples: E	Below 40 F Wet Real Intelligence AXX XXX XXX XXX XXX XXX XXX XXX XXX XX	2 Dr ading rval /30 /30 /30 /30 /30	2 40 F or Abdy	Reading No. 2: inches of drop 4.625 4.500 1.500 3.250 3.750 2.875	Reading No. 3: Inches of drop 4.500 4.250 1.375 2.875 3.625 2.750	Rain, Sleet Rain, Sleet Reading No. 4: Inches of drop 4.375 4.000 1.250 2.750 3.500 2.750	Reading No. 5 Inches of drop 4.375 4.125 1.250 2.750 3.500	Reading No 6 Inches of drop 4.00	Reading No. 7: Inches of drop	No. 8 Inches
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SHEET 2 OF 2

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] Unsu	uitable [Mottling		ps or Ponded W	/ater	C] Bedrock		ires	☐ Coarse	Fragments	☐ Pero	. Rate
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RESERVE SEPTIC AREA LOT 3
SHEET 1 OF 2

ER-BWQ-290 Appendix A Revised 5-87

1	Applica	ation No).						field Towns		County	Mo	
	Site Lo	ocation		627	77 Franklin I	Hill Road		Subd'n Nam	10 _			Nancy Micha	ei Snukatis
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ER-BWQ-290 Appendix A Revised 5-87

RESERVE SEPTIC AREA LOT 3 SHEET 2 OF 2

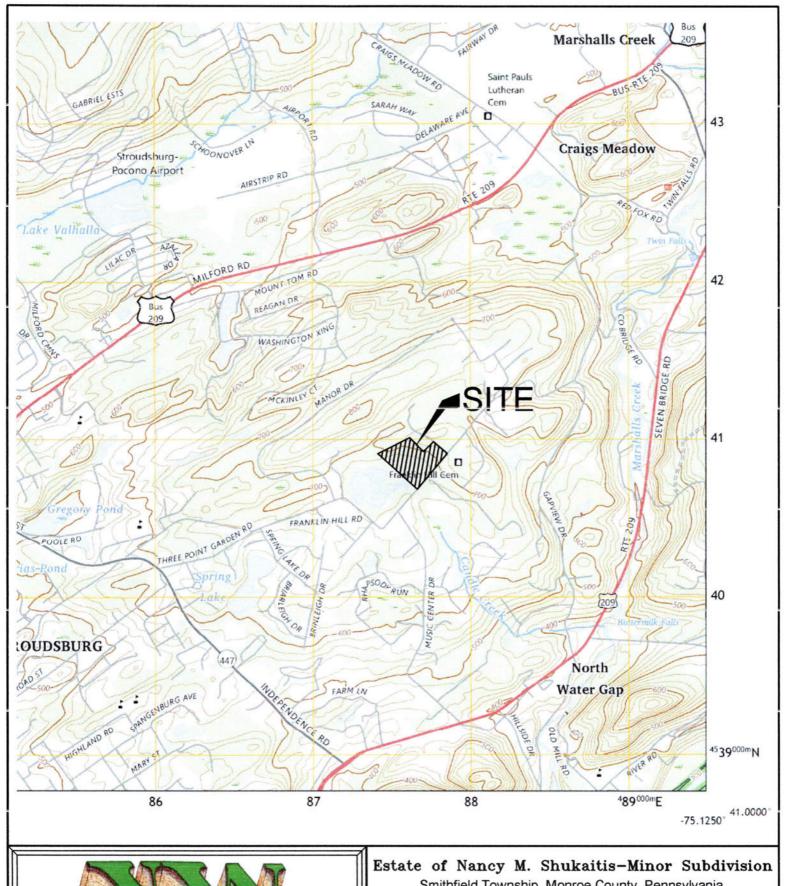
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	plication N					ipality		thfield Town		County	Mo	
Site	e Location uitable	6277	Frankl	lin Hill Road (1	109 Hidden \	Valley Road)	Subd'n Na	me	Lot#1 The	Estate of N	lancy Micha	el Shukati
			Soil T	ype Swartswood	Slope	8-12%	Limiting 2	Zone	36"+	Ave. Perc.	Rate	11.53
Ur Ur	nsuitable		-	Seeps or Ponded	d Water	☐ Bedro		ictures	Coars	e Fragments		Perc. Rate
		∐ SI	ope	Unstabilized Fill	☐ Flo	odplain [Other			*****		
00	INSTR	UCTIO	NS FO	OR COMPLE	ETION OF	THIS FOR	M ARE LO	CATED (ON THE R	EVERSE		
SOI	ILS DESCI	RIPTIC ption C	IN: omblete	e by:		VM/ Cor	eultante I I	C / IAV		Date:	3/7/25	
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1 10	TO 18	**	10YR 4	4/4, Gravelly, S	ilt Loam, Mo	oderate. Medi	um. Subanoi	ular Blockv. f	Friable			
2 40				1							-	
	3 TO 32	•	TUYR	4/4, Cobbly, Sill	t Loam, Mod	lerate, Coarse	s, Subangula	ır Blocky, Fri	able	······································	•	
32	2 TO 36	#	7.5YR	4/4, Extremely	Channery, S	Silt Loam, Stru	ictureless, M	lassive, Frial	ble to Firm			
	ТО	n									Depth to Li	miting
											Zone: 36+	Inches
	TO	15										
Per Wea	RCOLATIO rcolation T	est Co	mpleted	Below 40 F	✓ 40 F or Al		nsultants LL] Dry		eet, Snow (las	Date:	3/20/25	
Per Wea	rcolation T	est Co	mpleted B V eft	Selow 40 F Wet	Dry F Reading No. 1:	bove Frozen Reading No. 2:	Reading No. 3	Reading No. 4:	Reading No. 5:	Reading	Reading No. 7:	Reading No. 8:
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Per Wea	ather Cond Conditions Hole No.	est Colitions : 6: H20 L Yes X	mpleted B V V eft	Reading Interval XX / 30	Reading No. 1: Inches of drop 3.500	bove Z Frozen Reading No. 2: Inches of drop 3.250	Reading No. 3: Inches of drop 3.250	Reading No. 4: Inches of drop 3.500	Reading No. 5: Inches	Reading No. 6:	Reading No. 7: Inches	No. 8: Inches
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	☑ Suital ☐ Unsui		Mottli	ng 🔲 S	eeps or Ponded	Water	☐ Bedro	ck 🔲 Frac	tures		Ave. Perc. Fragments		13.09 Perc. Rate
•					Instabilized Fill	Floor		Other		ALTUE D	CVERSE		· .
	SOILS	SDESCE	PTIO	N.	R COMPLE								
	Soils	s Descrip	otion Co	omplete	by:		VW Cor	sultants LL(C/JAV		Date:	3/7/25	
		ches	Pit#					n of Horizo				Additiona	Pits
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	Application N				pality		thfield Tow		County	Mc	
Site Location _		6277 Franklin Hill Road			Subd'n Name Lot#3			e Estate of I	Nancy Michael Shukati		
	Unsuitable		Soil Type Oquaga g	ded Water	8-12% Bedro		Zone actures		_Ave. Perc. se Fragments		Perc. Rate
	INSTR	UCTIO	IS FOR COMP	LETION OF	THIS FOR	M ARE L	OCATED	ON THE R	EVERSE		
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)	3_TO_10_	_" _	10YR 3/3, Gravelly	, Silt Loam, We	eak, Fine, Su	bangular Blo	ocky, Friable			_	
1			10YR 4/4, Gravelly	Silt Loam, Mo	derate, Medi	um, Subang	ular Blocky,	Friable			
2	18TO25_		10YR 4/4, Gravelly	Silt Loam, We	ak, Coarse,	Subangular	Blocky, Friat	ole			
	25 TO 26	,,	Groundwater							-	
		_	·	_				·		Depth to L	imiting
ζ,	<u>26+</u> TO		Massive Shale Bed	rock						_Zone: 25	Inches
	то	- ". 	·	····							_ mones
	PERCOLATION Percolation 1 Weather Condition	Test Com ditions :		40 F or Al] Dry	Rain, S	leet, Snow (las	Date: st 24 hours)		
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	Percolation T Weather Cond Soil Condition Hole No.	remaining it	pleted by: Below 40 F Wet Reading Interval 10 / 30	Reading No. 1: Inches of drop of the final 30 min Rate:	Reading No. 2: Inches of drop	Reading No. 3: Inches of drop	Reading No. 4: tnches of drop	Reading No. 5: Inches of drop ral; No use 10 The informatic correct results me, performer	Reading No. 6: Inches of drop minute interva	No. 7: Inches of drop	No. 8: Inches





215-538-6136 Fax

Smithfield Township, Monroe County, Pennsylvania

	Parcel Id: 16.7.2.23-1	Scale: 1 = 24,000
Applicant:	Estate of Nancy M. Shukaitis P.O. Box 2093	Date: 01/07/25
	Marco Island, FL 34146	Drawn By: EDW

Quad Map: East Stroudsburg

SHEET 1 of 1

Project Search ID: PNDI-750438

1. PROJECT INFORMATION

Project Name: Franklin Hill Subdiv Rev Date of Review: 9/9/2024 03:48:37 PM

Project Category: Development, Residential, Subdivision containing more than 2 lots and/or 2 single-family

units

Project Area: 17.40 acres

County(s): Monroe

Township/Municipality(s): SMITHFIELD TOWNSHIP

ZIP Code:

Quadrangle Name(s): EAST STROUDSBURG

Watersheds HUC 8: Middle Delaware-Mongaup-Brodhead

Watersheds HUC 12: Marshalls Creek
Decimal Degrees: 41.018904, -75.147034

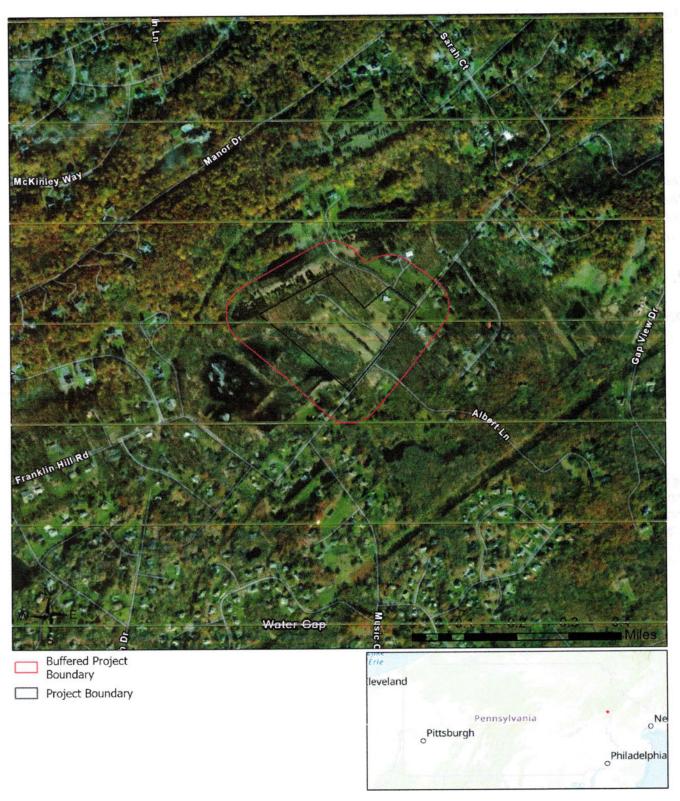
Degrees Minutes Seconds: 41° 1' 8.560" N, 75° 8' 49.3208" W

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	Potential Impact	MORE INFORMATION REQUIRED, See Agency Response

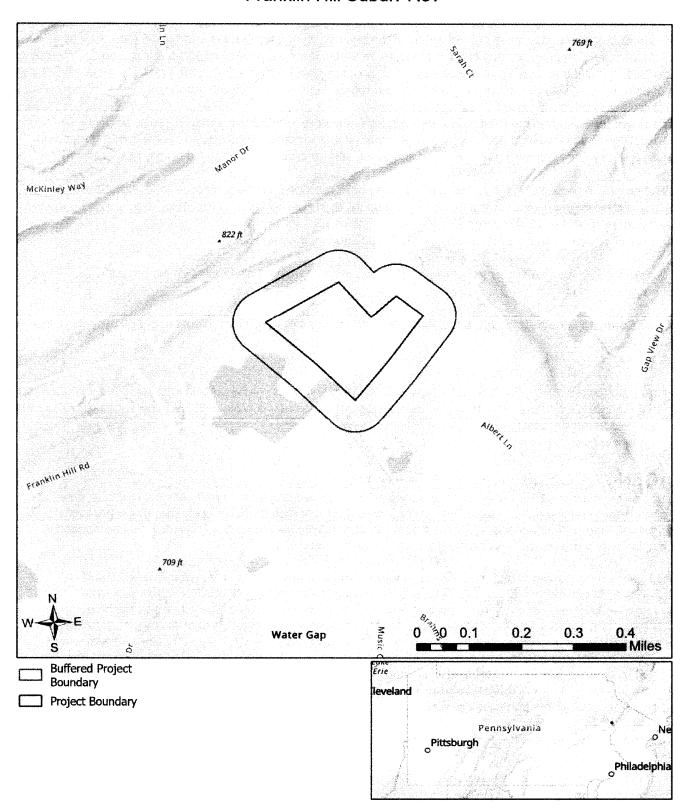
As summarized above, Pennsylvania Natural Diversity Inventory (PNDI) records indicate there may be potential impacts to threatened and endangered and/or special concern species and resources within the project area. If the response above indicates "No Further Review Required" no additional communication 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.

Franklin Hill Subdiv Rev



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

Franklin Hill Subdiv Rev



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

RESPONSE TO QUESTION(S) ASKED

Q1: Accurately describe what is known about wetland presence in the project area or on the land parcel by selecting ONE of the following. "Project" includes all features of the project (including buildings, roads, utility lines, outfall and intake structures, wells, stormwater retention/detention basins, parking lots, driveways, lawns, etc.), as well as all associated impacts (e.g., temporary staging areas, work areas, temporary road crossings, areas subject to grading or clearing, etc.). Include all areas that will be permanently or temporarily affected -- either directly or indirectly -- by any type of disturbance (e.g., land clearing, grading, tree removal, flooding, etc.). Land parcel = the lot(s) on which some type of project(s) or activity(s) are proposed to occur.

Your answer is: Someone qualified to identify and delineate wetlands (holding a natural resource degree or equivalent work experience) has investigated the site, and determined that wetlands ARE located in or within 300 feet of the project area. (A written report from the wetland specialist, and detailed project maps should document this.)

Q2: 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: No forests, woodlots or trees will be affected by the project.

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

Your answer is: No

Q4: 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

Q5: How many acres of woodland, forest, forested fencerows and trees will be cut, cleared, removed, disturbed or flooded (inundated) as a result of carrying out all aspects or phases of this project? [Round acreages UP to the nearest acre (e.g., 0.2 acres = 1 acre).]

Your answer is: 1 to 10 acres

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.

Project Search ID: PNDI-750438

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: Conduct a Bog Turtle Habitat (Phase 1) Survey in accordance with USFWS Guidelines for Bog Turtle Surveys (April 2020). Evaluate all wetlands within 300 feet of the project area, which includes all areas that will be impacted by earth disturbance or project features (e.g., roads, structures, utility lines, lawns, detention basins, staging areas, etc.). IF THE PHASE 1 SURVEY IS DONE BY A QUALIFIED BOG TURTLE SURVEYOR (see Pennsylvania Qualified Surveyors | FWS.goy): 1) Send positive results to USFWS for concurrence, along with a project description documenting how impacts will be avoided. OR, conduct a Phase 2 survey and send Phase 1 and 2 results to USFWS for concurrence. 2) Send a courtesy copy of negative results to USFWS (label as "Negative Phase 1 Survey Results by Qualified Bog Turtle Surveyor: USFWS Courtesy Copy"). USFWS approval of negative results is not necessary when a qualified surveyor does the survey in full accordance with USFWS guidelines. IF THE PHASE 1 SURVEY IS NOT DONE BY A QUALIFIED SURVEYOR: Send ALL Phase 1 results to USFWS for concurrence, and if potential habitat is found, also send a project description documenting how impacts will be avoided.

As a qualified bog turtle surveyor, I Mark Large (name) certify that I conducted a Phase 1 survey of all wetlands in and within 300 feet of the project area on 4 - 29 - 22 (date) and determined that bog turtle habitat is absent.

Avoidance Measure: The proposed project is located in the vicinity of northern long-eared bat spring staging/fall swarming habitat. To ensure take is not reasonably certain to occur, do not conduct tree removal from May 15 to August 15. The U.S. Fish and Wildlife Service determined take is not reasonably certain to occur from tree removal if activities are avoided during the pup season (i.e., the range of time when females are close to giving birth (i.e., two weeks prior to birth) and have non-volant (i.e., unable to fly) young). For more information, see the Interim Voluntary Guidance for the Northern Long-Eared Bat: Forest Habitat Modification, available here: https://www.fws.gov/library/collections/interim-habitat-modification-guidance.

As the project proponent or applicant, I certify that I will implement the above Avoidance Measure:

AUCEN (SHUKAITIS) OLENICK

SPECIAL NOTE: If you agree to implement the above Avoidance Measure and if applicable, any Information Requests, no further coordination with this agency regarding threatened and endangered species and/or special concern species and resources is required. If you are not able to comply with the Avoidance Measures, you are required to coordinate with this agency - please send project information to this agency for review (see "What to Send" section).

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.

Project Search ID: PNDI-750438

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: Samantha Gonzalez	
Company/Business Name: RKR Hess, A	Division of UTRS Inc
Address: 112 North Courtland Street, P	O Box 268
City, State, Zip: East Stroudsburg, PA	18301
Phone:(_570) 421-1550	Fax:(570) 421-6720
Email: sgonzalez@rkrhess.com	2,0 121-0720
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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.

Samantha Gonzalez	9-9-2024	
applicant/project proponent signature	date	

