



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

Code No.

SEWAGE FACILITIES PLANNING MODULE

Component 1. Exception to the Requirement to Revise the Official Plan

(Return completed module package to appropriate municipality)

DEP USE ONLY

DEP CODE #	CLIENT ID #	SITE ID #	APS ID #	AUTH ID #
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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.

A. PROJECT INFORMATION (See Section A of instructions)

1. Project Name 6277 Franklin Hill Road

2. Brief Project Description A proposed three-lot residential subdivision (1 existing lot, 2 proposed lots)

3. Total Number of Lots:

Number of Lots Being Proposed	2
+ Residual Land Parcel/Lot.....	+ 1
+ Number of Previous Lots Developed from Present Tract As it Appeared on May 15, 1972	+ 0
Total	= 3 *

* If total exceeds 10, do not use this form. Contact DEP for correct forms.

B. CLIENT (MUNICIPALITY) INFORMATION (See Section B of instructions)

Municipality Name Smithfield	County Moree	City <input type="checkbox"/>	Boro <input type="checkbox"/>	Twp <input checked="" type="checkbox"/>
Municipality Contact - Last Name Heilakka	First Name Julia	MI	Suffix	Title Township Manager
Additional Individual Last Name Wolfe	First Name Ken	MI	Suffix	Title Zoning Officer
Municipality Mailing Address Line 1 1155 Red Fox Road	Mailing Address Line 2			
Address Last Line -- City East Stroudsburg	State PA	ZIP+4 18301		
Phone + Ext. (570) 223-5082	FAX (optional) ()	Email (optional) julia@smithfieldtownship.com		

C. SITE INFORMATION (See Section C of instructions)

Site (Land Development Project) Name 6277 Franklin Hill Road

Site Location Line 1 6277 Franklin Hill Road		Site Location Line 2		
Site Location Last Line -- City East Stroudsburg	State PA	ZIP+4 18301	Latitude 41°01'07.5"N	Longitude 75°08'48.9"W

Detailed Written Directions to Site
From 2 Public Square, Wilkes-Barre, PA 18701; Get on PA-309 S from Wilkes-Barre Blvd 6 min (2.2 mi); Continue on PA-309 S to Plains Township 2 min (1.7 mi); Get on I-80 E in Blakeslee 26 min (20.6 mi); Follow I-80 E to PA-447 N/US-209 N in Smithfield Township. Take exit 309 from I-80 E 24 min (25.7 mi); Follow US-209 N and Music Center Dr to Franklin Hill Rd 4 min (1.8 mi); and site is located 6277 Franklin Hill Rd, East Stroudsburg, PA 18301

Description of Site (Project)
Existing residence and barn with wooded areas.

Site Contact (Developer) -- Last Name Olenick (Shukaitis)	First Name Alice	MI	Suffix	Phone [REDACTED]	Ext.
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Site Contact Title Executor of the Estate of Nancy Shukaitis	Site Contact Firm (if none, leave blank)
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FAX ()	Email [REDACTED]
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Mailing Address Line 1 [REDACTED]	Mailing Address Line 2
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Mailing Address Last Line -- City [REDACTED]	State [REDACTED]	ZIP+4 [REDACTED]
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D. PROJECT CONSULTANT INFORMATION (See Section D of instructions)

Last Name Bernard	First Name Tara	MI	Suffix
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Title Planning Specialist	Consulting Firm VW Consultants, LLC.
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Mailing Address Line 1 1590 Canary Road	Mailing Address Line 2
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Address Last Line -- City Quakertown	State PA	ZIP+4 18951	Country USA
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Email tbernard@vw-consultants.com	Phone (215) 536-7006	Ext.	FAX ()
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E. AVAILABILITY OF DRINKING WATER SUPPLY

This project will be provided with drinking water from the following source: (Check appropriate box)

- Individual wells or cisterns.
- A proposed public water supply.
- An existing public water supply.

If existing public water supply is to be used, provide the name of the water company and attach documentation from the water company stating that it will serve the project.

Name of water company: _____

F. PROJECT NARRATIVE (See Section F of instructions)

- A narrative has been prepared as described in Section F of the instructions.

The applicant may choose to include additional information beyond that required by Section F of the instructions.

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

2. RESIDUAL TRACT PLANNING WAIVER REQUEST

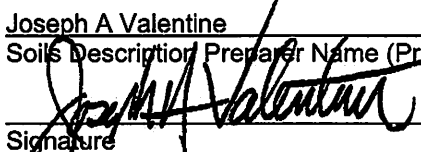
A waiver from sewage facilities planning is, is not requested for the residual land tract associated with this project. (See Section H, I and J and instructions for additional information).

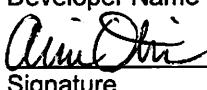
3. SOILS INFORMATION

- 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)

Signature
12/2/2024
Date

Alice Olenick
Developer Name (Print)

Signature
12-2-2024
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.

Signature of Certified Sewage Enforcement Officer with jurisdiction in municipality where development is proposed

Certification

Date

I. PROTECTION OF RARE, ENDANGERED OR THREATENED SPECIES (See Section I of instructions)

Check one:

- The "Pennsylvania Natural Diversity Inventory (PNDI) Project Environmental Review Receipt" resulting from my search of the PNDI database and all supporting documentation from jurisdictional agencies (when necessary) is/are attached.
- A completed "Pennsylvania Natural Diversity Inventory (PNDI) Project Planning & Environmental Review Form," (PNDI Form) available at www.naturalheritage.state.pa.us , and all required supporting documentation is attached. I request DEP staff to complete the required PNDI search for my project. I realize that my planning module will be considered incomplete upon submission to the Department and that the DEP review will not begin, and that processing of my planning module will be delayed, until a "PNDI Project Environmental Review Receipt" and all supporting documentation from jurisdictional agencies (when necessary) is/are received by DEP.

Applicant or Consultant Initials _____

J. PLANNING AGENCY REVIEW (See Section J of instructions)

This planning module has been reviewed by the existing municipal planning agency and zoning officer and has been found to be consistent, inconsistent with municipal zoning ordinances or subdivision and land development ordinances. A waiver of the sewage facilities planning requirements for the residual tract of this subdivision has has not been requested. If requested, the proposed waiver is is not consistent with applicable ordinances administered by this agency.

Smithfield Township
Municipal Planning Agency Name

Zoning Officer Signature

Planning Agency Signature (Authorized Official)

No municipal planning agency exists

No municipal zoning ordinance exists

K. MUNICIPAL ACTION (See Section K of instructions)

The municipality must act within 60 days of receipt of a complete sewage facilities planning module package.

This planning module has been reviewed by the municipal governing body and has been found to be **ACCEPTABLE**. Approval of this planning module does not constitute individual onlot system permit approval.

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 subdivision and land development ordinances.

The subdivision is not suitable for the use of individual onlot subsurface absorption areas.

The subdivision does not meet the requirements for use of this module or other provisions of Chapter 71 (Administration of Sewage Facilities Planning Program).

Other (Explain) _____

The proposed development has been identified in Section G and/or Section H as having marginal conditions or other concerns for the long-term use of onlot sewage systems. The municipality has selected the following method of providing long-term sewage disposal to this subdivision: (Check one)

Provision of a sewage management program meeting the minimum requirements of Chapter 71, Section 71.73

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 attached.

A waiver of the planning requirements for the residual tract of this subdivision has been requested.

The municipality acknowledges acceptance of this proposal and requests a waiver of the sewage facilities planning requirements for the residual tract designated on the subdivision plot plan. Our municipal officials accept full responsibility now and in the future to identify any violation of this waiver and to submit to the approving agency any required sewage facilities planning for the designated residual tract should a violation occur or construction of a new sewage-generating structure on the residual tract of the subdivision be proposed. We understand that such planning information may require municipal officials to be responsible for soil testing and other environmental assessments for the residual tract in the future.

Chairperson/Secretary of Governing Body

Signature

Date

Smithfield Township

Municipality Name

1155 Red Fox Road, East Stroudsburg, PA 18301

Address

(Area Code) Telephone No. (570) 223-5082

L. REVIEW FEE (See Section L of instructions)

The Sewage Facilities Act establishes a fee for the DEP planning module review. DEP will calculate the review fee for the project and invoice the project sponsor OR the project sponsor may attach a self-calculated fee payment to the planning module prior to submission of the planning package to DEP. (Since the fee and fee collection procedures may vary if a "delegated local agency" is conducting the review, the project sponsor should contact the "delegated local agency" to determine these details.) Check the appropriate box.

- I request DEP calculate the review fee for my project and send me an invoice for the correct amount. I understand the Department's review of my project will not begin until DEP receives the correct review fee from me for the project.
- I have calculated the review fee for my project using the formula found below and the review fee guidance in the instructions. I have attached a check or money order in the amount of \$70 payable to "**Commonwealth of Pennsylvania DEP**". **Include DEP code number and/or project name on check.** I understand DEP will not begin review of my project unless it receives the fee and determines the fee is correct. If the fee is incorrect, DEP will return my check or money order and send me an invoice for the correct amount. I understand the DEP review will **NOT** begin until I have submitted the correct fee.

- I request to be exempt from the DEP planning module review fee because this planning module creates **only** one new lot and is the **only** lot subdivided from a parcel of land as that land existed on December 14, 1995. I realize that subdivision of a second lot from this parcel of land shall disqualify me from this review fee exemption. I am furnishing the following deed reference information in support of my fee exemption.

County Recorder of Deeds for _____ County, Pennsylvania

Deed Volume _____ Book Number _____

Page Number _____ Date Recorded _____

Formula:

2 _____ Lots X \$35.00 = 70 _____

- Note:
- (1) To calculate the review fee for any project, use the number of lots created in the above formula.
 - (2) When using the number of lots, include only the number of lots being proposed when calculating the review fee. Do not include any "Residual Land Parcel/Lot".

Alice Olenick _____
Developer Name (Print)

Alice Olenick _____ 12-2-2024
Signature Date



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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.

- Complete Component 1
- Letter from public water supplier (if applicable)
- Plot plan and 7.5' topo map showing subdivision
- "Site Investigation and Percolation Test Report(s)" with results of **ALL** profile examinations and percolation tests (suitable and unsuitable)
- Signature of soils description preparer
- Signature of developer
- SEO signature
- 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.
- Planning Agency Signature
- Zoning Officer Signature (if applicable)

Signature of Municipal Official

Date submittal determined complete

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: **Marshall's 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.

COMPONENT 1 SEWAGE FACILITIES PLANNING MODULE

PROJECT NARRATIVE

6277 Franklin Hill Road,
East Stroudsburg, PA 18301
Smithfield Township, Monroe County
TM# 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 1,300 gallons per day. The two existing dwelling is three-bedrooms at 400 gallons per day, and the proposed dwelling will be four-bedrooms at 500 gallons per day. Therefore, the calculated EDUs for the project is 3.25.
3. Total gross site acreage is 17.56 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 13.38 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.

Franklin Hill Subdiv Rev

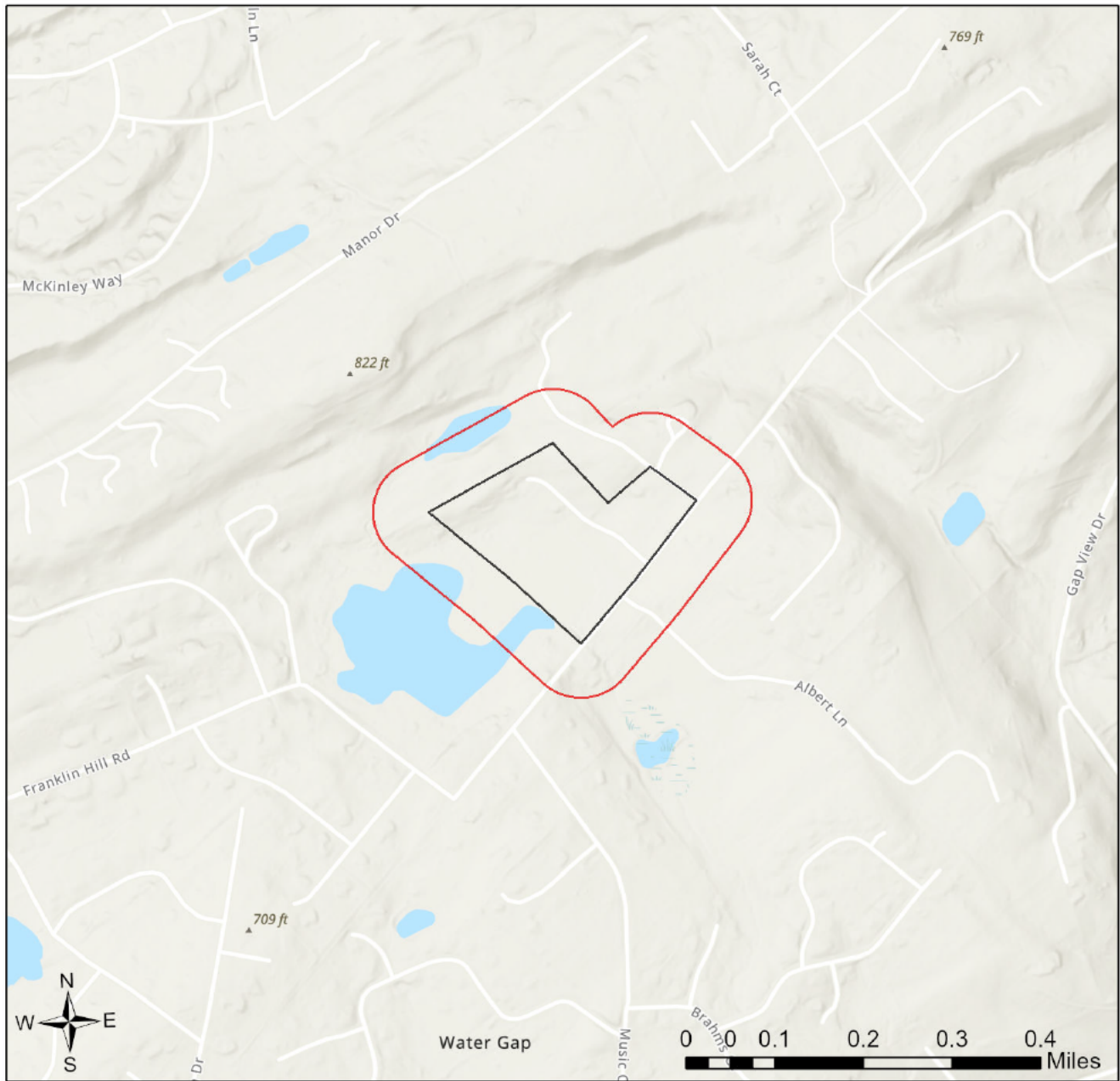




-  Buffered Project Boundary
-  Project Boundary



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



-  Buffered Project Boundary
-  Project Boundary



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.

PA Fish and Boat Commission

RESPONSE:

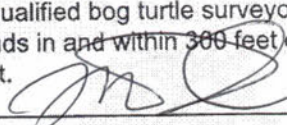
No Impact is anticipated to threatened and endangered species and/or special concern species and resources.

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.gov](https://www.fws.gov)): 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 Marlin Cora (name) certify that I conducted a Phase 1 survey of all wetlands in and within 300 feet of the project area on 4-28-22 (date) and determined that bog turtle habitat is absent.

 (Signature)

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:

 (Signature)

LUCIEN (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>.

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: _____
Company/Business Name: _____
Address: _____
City, State, Zip: _____
Phone:(_____) _____ Fax:(_____) _____
Email: _____

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

date

Site	Pit	Limiting Zone (in)	Perc Rate (min/in)
Lot# 2 Primary	1	24	8.25
	2	27	
Lot#2 Reserve	3	24	10.71
	4	27	
Lot #1	5	23	
	6	32	
Lot#1 Reserve	7	25	11.54
	8	37	
Lot#3 Reserve	9	23	11.49
	10	27	

SITE INVESTIGATION AND PERCOLATION TEST REPORT FOR ON-LOT DISPOSAL OF SEWAGE

Application No. _____ Municipality Smithfield Township County Monroe
 Site Location 6277 Franklin Hill Road Subd'n Name Lot#2 The Estate of Nancy Michael Shukatis
 Suitable Soil Type _____ Mardin Tax _____ Slope 3-8% Limiting Zone 24"M Ave. Perc. Rate 8.24
 Unsuitable Mottling Seeps or Ponded Water Bedrock Fractures Coarse Fragments Perc. Rate
 Slope Unstabilized Fill Floodplain Other _____

INSTRUCTIONS FOR COMPLETION OF THIS FORM ARE LOCATED ON THE REVERSE

SOILS DESCRIPTION:

Soils Description Complete by: VW Consultants LLC / JAV Date: 10/28/24

Inches	Pit#	Description of Horizon	Additional Pits
Ap <u>0</u> TO <u>8</u> "	1	<u>10YR 3/4, Channery, Silt Loam, Moderate, Medium, Granular, Very Friable</u>	<u>Pit #2 27"M</u>
Bw1 <u>8</u> TO <u>24</u> "		<u>10YR 4/4, Cobbly, Silt Loam, Moderate, Medium, Subangular Blocky, Friable</u>	
Bw2 <u>24</u> TO <u>28</u> "		<u>10YR 4/4, Channery, Silt Loam, Moderate, Medium, Subangular Blocky, Friable</u> <u>Common distinct redox features</u>	
2CB <u>28</u> TO <u>36</u> "		<u>10YR 4/4, Extremely Flaggy, Silt Loam, Structureless, Massive, Friable</u> <u>Common distinct redox features</u>	
_____ TO _____ "		_____	
_____ TO _____ "		_____	Depth to Limiting Zone: _____
_____ TO _____ "		_____	24 Inches

PERCOLATION TEST:

Percolation Test Completed by: VW Consultants LLC / GH Date: 11/6/24

Weather Conditions : Below 40 F 40 F or Above Dry Rain, Sleet, Snow (last 24 hours)
 Soil Conditions: Wet Dry Frozen

Hole No.	H2O Left ***		Reading Interval	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	Reading No. 6: Inches of drop	Reading No. 7: Inches of drop	Reading No. 8: Inches of drop
	Yes	No									
1	X		XX / 30	5.000	4.875	4.750	4.250	4.125	4.125	4.000	
2	X		XX / 30	3.875	3.625	3.500	3.000	3.000	2.875	2.750	
3	X		XX / 30	4.750	4.500	4.375	4.125	4.250	4.125		
4	X		XX / 30	5.250	5.125	5.125	5.000				
5	X		XX / 30	5.500	4.750	4.375	4.125	4.125	4.000	3.875	
6	X		XX / 30	3.250	3.125	3.250	3.000				

***Water remaining in the hole at the end of the final 30 minute presoak ? Yes, use 30 minute interval; No use 10 minute interval.

Calculation of Average Percolation Rate:

Hole No.	Drop during final period	Perc. Rate as Minutes/Inch	Depth of Hole
<u>1</u>	<u>4.000</u> "	<u>7.50</u>	<u>20</u> "
<u>2</u>	<u>2.750</u> "	<u>10.91</u>	<u>20</u> "
<u>3</u>	<u>4.125</u> "	<u>7.27</u>	<u>20</u> "
<u>4</u>	<u>5.000</u> "	<u>6.00</u>	<u>20</u> "
<u>5</u>	<u>3.875</u> "	<u>7.74</u>	<u>20</u> "
<u>6</u>	<u>3.000</u> "	<u>10.00</u>	<u>20</u> "
TOTAL OF MIN/IN.		<u>49.42</u> =	<u>8.24</u> Min
TOTAL No. OF HOLES		<u>6</u>	Inch

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.

(S) _____
Sewage Enforcement Officer

SITE INVESTIGATION AND PERCOLATION TEST REPORT FOR ON-LOT DISPOSAL OF SEWAGE

Application No. _____ Municipality Smithfield Township County Monroe
 Site Location 6277 Franklin Hill Road Subd'n Name Lot#2 The Estate of Nancy Michael Shukatis
 Suitable Soil Type _____ Mardin Tax _____ Slope 3-8% Limiting Zone 27"M Ave. Perc. Rate _____
 Unsuitable Mottling Seeps or Pondered Water Bedrock Fractures Coarse Fragments Perc. Rate _____
 Slope Unstabilized Fill Floodplain Other _____

INSTRUCTIONS FOR COMPLETION OF THIS FORM ARE LOCATED ON THE REVERSE

SOILS DESCRIPTION:

Soils Description Complete by: VW Consultants LLC / JAV Date: 10/28/24

Inches	Pit# 2	Description of Horizon	
<u>0</u> TO <u>8</u> "		<u>10YR 3/4, Channery, Silt Loam, Moderate, Medium, Granular, Very Friable</u>	
<u>8</u> TO <u>18</u> "		<u>10YR 4/4, Cobbly, Silt Loam, Moderate, Medium, Subangular Blocky, Friable</u>	
<u>18</u> TO <u>27</u> "		<u>10YR 4/4, Cobbly, Silt Loam, Moderate, Medium, Subangular Blocky, Friable</u>	
<u>27</u> TO <u>36</u> "		<u>10YR 4/4, Extremely Channery, Silt Loam, Structureless, Massive, Friable</u>	
_____ TO _____ "		<u>Common distinct redox features</u>	
_____ TO _____ "			Depth to Limiting Zone: _____ Inches
_____ TO _____ "			<u>27</u> Inches

PERCOLATION TEST:

Percolation Test Completed by: _____ Date: _____

Weather Conditions : Below 40 F 40 F or Above Dry Rain, Sleet, Snow (last 24 hours)

Soil Conditions: Wet Dry Frozen

Hole No.	H2O Left ***		Reading Interval	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	Reading No. 6: Inches of drop	Reading No. 7: Inches of drop	Reading No. 8: Inches of drop
	Yes	No									
			10 / 30								
			10 / 30								
			10 / 30								
			10 / 30								
			10 / 30								
			10 / 30								

***Water remaining in the hole at the end of the final 30 minute presoak ? Yes, use 30 minute interval; No use 10 minute interval.

Calculation of Average Percolation Rate:

Hole No.	Drop during final period	Perc. Rate as Minutes/Inch	Depth of Hole	
_____	_____ "	_____	_____ "	
_____	_____ "	_____	_____ "	
_____	_____ "	_____	_____ "	
_____	_____ "	_____	_____ "	
_____	_____ "	_____	_____ "	
_____	_____ "	_____	_____ "	
_____	_____ "	_____	_____ "	
TOTAL OF MIN/IN.		=	_____	Min
TOTAL No. OF HOLES			_____	Inch

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.

(S) _____
Sewage Enforcement Officer

SITE INVESTIGATION AND PERCOLATION TEST REPORT FOR ON-LOT DISPOSAL OF SEWAGE

Application No. _____ Municipality Smithfield Township County Monroe
 Site Location 6277 Franklin Hill Road Subd'n Name Lot#2 The Estate of Nancy Michael Shukatis
 Suitable Soil Type _____ Mardin Tax _____ Slope 3-8% Limiting Zone 24"M Ave. Perc. Rate 10.71
 Unsuitable Mottling Seeps or Ponded Water Bedrock Fractures Coarse Fragments Perc. Rate
 Slope Unstabilized Fill Floodplain Other _____

INSTRUCTIONS FOR COMPLETION OF THIS FORM ARE LOCATED ON THE REVERSE

SOILS DESCRIPTION:

Soils Description Complete by: VW Consultants LLC / JAV Date: 10/28/24

Inches	Pit#	Description of Horizon	Additional Pits
Ap <u>0</u> TO <u>8</u> "	3	10YR 3/4, Channery, Silt Loam, Moderate, Medium, Granular, Very Friable	Pit #4 27"M
Bw1 <u>8</u> TO <u>16</u> "		10YR 4/4, Channery, Silt Loam, Moderate, Medium, Subangular Blocky, Friable	
Bw2 <u>16</u> TO <u>24</u> "		10YR 4/4, Very Channery, Silt Loam, Weak, Coarse, Subangular Blocky, Friable	
2CB <u>24</u> TO <u>36</u> "		10YR 4/4, Extremely Flaggy, Silt Loam, Structureless, Massive, Friable Common distinct redox features	
_____ TO _____ "			
_____ TO _____ "			Depth to Limiting Zone: _____
_____ TO _____ "			24 Inches

PERCOLATION TEST:

Percolation Test Completed by: VW Consultants LLC / GH Date: 11/6/24

Weather Conditions : Below 40 F 40 F or Above Dry Rain, Sleet, Snow (last 24 hours)
 Soil Conditions: Wet Dry Frozen

Hole No.	H2O Left ***		Reading Interval	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	Reading No. 6: Inches of drop	Reading No. 7: Inches of drop	Reading No. 8: Inches of drop
	Yes	No									
1	X		XX / 30	2.500	2.250	2.250	2.250				
2	X		XX / 30	2.750	2.500	2.375	2.250	2.250			
3	X		XX / 30	3.625	3.500	3.500	3.250	3.250			
4	X		XX / 30	4.625	4.500	4.500	4.125	4.125	4.000	3.875	
5	X		XX / 30	4.750	4.625	4.500	4.000	3.875	3.875	3.750	
6	X		XX / 30	3.000	2.625	2.625	2.375	2.375			

***Water remaining in the hole at the end of the final 30 minute presoak ? Yes, use 30 minute interval; No use 10 minute interval.

Calculation of Average Percolation Rate:

Hole No.	Drop during final period	Perc. Rate as Minutes/Inch	Depth of Hole
<u>1</u>	<u>2.250</u> "	<u>13.33</u>	<u>20</u> "
<u>2</u>	<u>2.250</u> "	<u>13.33</u>	<u>20</u> "
<u>3</u>	<u>3.250</u> "	<u>9.23</u>	<u>20</u> "
<u>4</u>	<u>3.875</u> "	<u>7.74</u>	<u>20</u> "
<u>5</u>	<u>3.750</u> "	<u>8.00</u>	<u>20</u> "
<u>6</u>	<u>2.375</u> "	<u>12.63</u>	<u>20</u> "
TOTAL OF MIN/IN.		<u>64.27 =</u>	<u>10.71</u> Min
TOTAL No. OF HOLES		<u>6</u>	<u>Inch</u>

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.

(S) _____
Sewage Enforcement Officer

SITE INVESTIGATION AND PERCOLATION TEST REPORT FOR ON-LOT DISPOSAL OF SEWAGE

Application No. _____ Municipality Smithfield Township County Monroe
 Site Location 6277 Franklin Hill Road Subd'n Name Lot#2 The Estate of Nancy Michael Shukatis
 Suitable Soil Type _____ Mardin Tax _____ Slope 3-8% Limiting Zone 27"M Ave. Perc. Rate _____
 Unsuitable Mottling Seeps or Pondered Water Bedrock Fractures Coarse Fragments Perc. Rate _____
 Slope Unstabilized Fill Floodplain Other _____

INSTRUCTIONS FOR COMPLETION OF THIS FORM ARE LOCATED ON THE REVERSE

SOILS DESCRIPTION:

Soils Description Complete by: VW Consultants LLC / JAV Date: 10/28/24

Inches	Pit#	Description of Horizon	
Ap <u>0</u> TO <u>8</u> "	4	10YR 3/4, Channery, Silt Loam, Moderate, Medium, Granular, Very Friable	
Bw1 <u>8</u> TO <u>18</u> "		10YR 4/4, Cobbly, Silt Loam, Moderate, Medium, Subangular Blocky, Friable	
Bw2 <u>18</u> TO <u>27</u> "		10YR 4/4, Cobbly, Silt Loam, Moderate, Medium, Subangular Blocky, Friable	
Bw3 <u>27</u> TO <u>38</u> "		10YR 4/4, Cobbly, Silt Loam, Weak, Coarse, Subangular Blocky, Friable Common distinct redox features	
_____ TO _____ "			
_____ TO _____ "			
_____ TO _____ "			
			Depth to Limiting Zone: 27 Inches

PERCOLATION TEST:

Percolation Test Completed by: _____ Date: _____

Weather Conditions : Below 40 F 40 F or Above Dry Rain, Sleet, Snow (last 24 hours)

Soil Conditions: Wet Dry Frozen

Hole No.	H2O Left ***		Reading Interval	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	Reading No. 6: Inches of drop	Reading No. 7: Inches of drop	Reading No. 8: Inches of drop
	Yes	No									
			10 / 30								
			10 / 30								
			10 / 30								
			10 / 30								
			10 / 30								
			10 / 30								

***Water remaining in the hole at the end of the final 30 minute presoak ? Yes, use 30 minute interval; No use 10 minute interval.

Calculation of Average Percolation Rate:

Hole No.	Drop during final period	Perc. Rate as Minutes/Inch	Depth of Hole	
_____	_____ "	_____	_____ "	
_____	_____ "	_____	_____ "	
_____	_____ "	_____	_____ "	
_____	_____ "	_____	_____ "	
_____	_____ "	_____	_____ "	
_____	_____ "	_____	_____ "	
_____	_____ "	_____	_____ "	
TOTAL OF MIN/IN.		=	_____	Min
TOTAL No. OF HOLES			_____	Inch

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.

(S) _____
Sewage Enforcement Officer

SITE INVESTIGATION AND PERCOLATION TEST REPORT FOR ON-LOT DISPOSAL OF SEWAGE

Application No. _____ Municipality Smithfield Township County Monroe
 Site Location 6277 Franklin Hill Road (109 Hidden Valley Road) Subd'n Name Lot#1 The Estate of Nancy Michael Shukatis
 Suitable Soil Type _____ Mardin Tax _____ Slope 8-15% Limiting Zone 23"M Ave. Perc. Rate _____
 Unsuitable Mottling Seeps or Pondered Water Bedrock Fractures Coarse Fragments Perc. Rate _____
 Slope Unstabilized Fill Floodplain Other _____

INSTRUCTIONS FOR COMPLETION OF THIS FORM ARE LOCATED ON THE REVERSE

SOILS DESCRIPTION:

Soils Description Complete by: VW Consultants LLC / JAV Date: 10/28/24

Inches	Pit#	Description of Horizon	Additional Pits
Ap <u>0</u> TO <u>8</u> "	5	<u>10YR 3/4, Gravelly, Silt Loam, Moderate, Medium, Granular, Very Friable</u>	<u>Pit #6 32"M</u>
Bw1 <u>8</u> TO <u>17</u> "		<u>10YR 4/4, Gravelly, Silt Loam, Moderate, Medium, Subangular Blocky, Friable</u>	
Bw2 <u>17</u> TO <u>23</u> "		<u>10YR 4/4, Cobbly, Silt Loam, Moderate, Coarse, Subangular Blocky, Friable</u>	
Bw3 <u>23</u> TO <u>33</u> "		<u>10YR 4/4, Channery, Silt Loam, Structureless, Massive, Friable</u> <u>Common distinct redox features</u>	
2Cr <u>33</u> TO <u>40</u> "		<u>Fractured Shale Bedrock</u>	
_____ TO _____ "			Depth to Limiting Zone: _____ Inches
_____ TO _____ "			23 Inches

PERCOLATION TEST:

Percolation Test Completed by: _____ Date: _____

Weather Conditions : Below 40 F 40 F or Above Dry Rain, Sleet, Snow (last 24 hours)

Soil Conditions: Wet Dry Frozen

Hole No.	H2O Left ***		Reading Interval	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	Reading No. 6: Inches of drop	Reading No. 7: Inches of drop	Reading No. 8: Inches of drop
	Yes	No									
			10 / 30								
			10 / 30								
			10 / 30								
			10 / 30								
			10 / 30								
			10 / 30								

***Water remaining in the hole at the end of the final 30 minute presoak ? Yes, use 30 minute interval; No use 10 minute interval.

Calculation of Average Percolation Rate:

Hole No.	Drop during final period	Perc. Rate as Minutes/Inch	Depth of Hole
_____	_____ "	_____	_____ "
_____	_____ "	_____	_____ "
_____	_____ "	_____	_____ "
_____	_____ "	_____	_____ "
_____	_____ "	_____	_____ "
_____	_____ "	_____	_____ "
_____	_____ "	_____	_____ "
TOTAL OF MIN/IN.		=	Min
TOTAL No. OF HOLES			Inch

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.

(S) _____
Sewage Enforcement Officer

SITE INVESTIGATION AND PERCOLATION TEST REPORT FOR ON-LOT DISPOSAL OF SEWAGE

Application No. _____ Municipality Smithfield Township County Monroe
 Site Location 6277 Franklin Hill Road (109 Hidden Valley Road) Subd'n Name Lot#1 The Estate of Nancy Michael Shukatis
 Suitable Soil Type _____ Mardin Tax _____ Slope 8-15% Limiting Zone 32"M Ave. Perc. Rate _____
 Unsuitable Mottling Seeps or Pondered Water Bedrock Fractures Coarse Fragments Perc. Rate _____
 Slope Unstabilized Fill Floodplain Other _____

INSTRUCTIONS FOR COMPLETION OF THIS FORM ARE LOCATED ON THE REVERSE

SOILS DESCRIPTION:

Soils Description Complete by: VW Consultants LLC / JAV Date: 10/28/24

Inches	Pit#	Description of Horizon	
Ap <u>0</u> TO <u>8</u> "	6	10YR 3/4, Channery, Silt Loam, Moderate, Medium, Granular, Very Friable	
Bw1 <u>8</u> TO <u>18</u> "		10YR 4/4, Cobbly, Silt Loam, Moderate, Medium, Subangular Blocky, Friable	
Bw2 <u>18</u> TO <u>32</u> "		10YR 4/4, Cobbly, Silt Loam, Weak, Coarse, Subangular Blocky, Friable	
Bw3 <u>32</u> TO <u>40</u> "		10YR 4/4, Cobbly, Silt Loam, Weak, Coarse, Subangular Blocky, Friable	
_____ TO _____ "		Common distinct redox features	
_____ TO _____ "			Depth to Limiting Zone: _____ Inches
_____ TO _____ "			32 Inches

PERCOLATION TEST:

Percolation Test Completed by: _____ Date: _____

Weather Conditions : Below 40 F 40 F or Above Dry Rain, Sleet, Snow (last 24 hours)

Soil Conditions: Wet Dry Frozen

Hole No.	H2O Left ***		Reading Interval	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	Reading No. 6: Inches of drop	Reading No. 7: Inches of drop	Reading No. 8: Inches of drop
	Yes	No									
			10 / 30								
			10 / 30								
			10 / 30								
			10 / 30								
			10 / 30								
			10 / 30								

***Water remaining in the hole at the end of the final 30 minute presoak ? Yes, use 30 minute interval; No use 10 minute interval.

Calculation of Average Percolation Rate:

Hole No.	Drop during final period	Perc. Rate as Minutes/Inch	Depth of Hole	
_____	_____ "	_____	_____ "	
_____	_____ "	_____	_____ "	
_____	_____ "	_____	_____ "	
_____	_____ "	_____	_____ "	
_____	_____ "	_____	_____ "	
_____	_____ "	_____	_____ "	
_____	_____ "	_____	_____ "	
TOTAL OF MIN/IN.		=	_____	Min
TOTAL No. OF HOLES			_____	Inch

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.

(S) _____
Sewage Enforcement Officer

SITE INVESTIGATION AND PERCOLATION TEST REPORT FOR ON-LOT DISPOSAL OF SEWAGE

Application No. _____ Municipality Smithfield Township County Monroe
 Site Location 6277 Franklin Hill Road (109 Hidden Valley Road) Subd'n Name Lot#1 The Estate of Nancy Michael Shukatis
 Suitable Soil Type _____ Mardin Tax _____ Slope 3-8% Limiting Zone 25"M Ave. Perc. Rate 11.54
 Unsuitable Mottling Seeps or Pounded Water Bedrock Fractures Coarse Fragments Perc. Rate
 Slope Unstabilized Fill Floodplain Other _____

INSTRUCTIONS FOR COMPLETION OF THIS FORM ARE LOCATED ON THE REVERSE

SOILS DESCRIPTION:

Soils Description Complete by: VW Consultants LLC / JAV Date: 10/28/24

Inches	Pit#	Description of Horizon	Additional Pits
<u>Ap</u> <u>0</u> TO <u>8</u> "	<u>7</u>	<u>10YR 3/4, Channery, Silt Loam, Moderate, Medium, Granular, Very Friable</u>	<u>Pit #8 37"M</u>
<u>Bw1</u> <u>8</u> TO <u>16</u> "		<u>10YR 4/4, Gravelly, Silt Loam, Moderate, Medium, Subangular Blocky, Friable</u>	
<u>Bw2</u> <u>16</u> TO <u>25</u> "		<u>10YR 4/4, Cobbly, Silt Loam, Weak, Coarse, Subangular Blocky, Friable</u>	
<u>2CB</u> <u>25</u> TO <u>40</u> "		<u>10YR 4/4, Extremely Channery, Silt Loam, Structureless, Massive, Friable</u> <u>Common distinct redox features</u>	
_____ TO _____ "			
_____ TO _____ "			
_____ TO _____ "			

Depth to Limiting Zone: 25 Inches

PERCOLATION TEST:

Percolation Test Completed by: VW Consultants LLC / GH Date: 11/8/24

Weather Conditions : Below 40 F 40 F or Above Dry Rain, Sleet, Snow (last 24 hours)

Soil Conditions: Wet Dry Frozen

Hole No.	H2O Left ***		Reading Interval	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	Reading No. 6: Inches of drop	Reading No. 7: Inches of drop	Reading No. 8: Inches of drop
	Yes	No									
1	X		XX / 30	5.125	4.625	4.500	4.375	4.375			
2	X		XX / 30	4.875	4.500	4.250	4.000	4.125	4.000		
3	X		XX / 30	1.625	1.500	1.375	1.250	1.250			
4	X		XX / 30	3.375	3.250	2.875	2.750	2.750	2.625		
5	X		XX / 30	4.250	3.750	3.625	3.500	3.500			
6	X		XX / 30	3.000	2.875	2.750	2.750				

***Water remaining in the hole at the end of the final 30 minute presoak ? Yes, use 30 minute interval; No use 10 minute interval.

Calculation of Average Percolation Rate:

Hole No.	Drop during final period	Perc. Rate as Minutes/Inch	Depth of Hole
<u>1</u>	<u>4.375</u> "	<u>6.86</u>	<u>20</u> "
<u>2</u>	<u>4.000</u> "	<u>7.50</u>	<u>20</u> "
<u>3</u>	<u>1.250</u> "	<u>24.00</u>	<u>20</u> "
<u>4</u>	<u>2.625</u> "	<u>11.43</u>	<u>20</u> "
<u>5</u>	<u>3.500</u> "	<u>8.57</u>	<u>20</u> "
<u>6</u>	<u>2.750</u> "	<u>10.91</u>	<u>20</u> "
TOTAL OF MIN/IN.		<u>69.27 =</u>	<u>11.54</u> Min
TOTAL No. OF HOLES		<u>6</u>	<u>Inch</u>

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.

(S) _____
Sewage Enforcement Officer

SITE INVESTIGATION AND PERCOLATION TEST REPORT FOR ON-LOT DISPOSAL OF SEWAGE

Application No. _____ Municipality Smithfield Township County Monroe
 Site Location 6277 Franklin Hill Road (109 Hidden Valley Road) Subd'n Name Lot#1 The Estate of Nancy Michael Shukatis
 Suitable Soil Type _____ Mardin Tax _____ Slope 3-8% Limiting Zone 37"M Ave. Perc. Rate _____
 Unsuitable Mottling Seeps or Pondered Water Bedrock Fractures Coarse Fragments Perc. Rate _____
 Slope Unstabilized Fill Floodplain Other _____

INSTRUCTIONS FOR COMPLETION OF THIS FORM ARE LOCATED ON THE REVERSE

SOILS DESCRIPTION:

Soils Description Complete by: VW Consultants LLC / JAV Date: 10/28/24

Inches	Pit#	Description of Horizon	
Ap <u>0</u> TO <u>8</u> "	8	10YR 3/4, Channery, Silt Loam, Moderate, Medium, Granular, Very Friable	
Bw1 <u>8</u> TO <u>16</u> "		10YR 4/4, Gravelly, Silt Loam, Moderate, Medium, Subangular Blocky, Friable	
Bw2 <u>16</u> TO <u>37</u> "		10YR 4/4, Cobbly, Silt Loam, Moderate, Coarse, Subangular Blocky, Friable	
Bw3 <u>37</u> TO <u>44</u> "		10YR 4/4, Cobbly, Silt Loam, Weak, Coarse, Subangular Blocky, Friable	
_____ TO _____ "		Common distinct redox features	
_____ TO _____ "			Depth to Limiting Zone: _____
_____ TO _____ "			37 Inches

PERCOLATION TEST:

Percolation Test Completed by: _____ Date: _____

Weather Conditions : Below 40 F 40 F or Above Dry Rain, Sleet, Snow (last 24 hours)

Soil Conditions: Wet Dry Frozen

Hole No.	H2O Left ***		Reading Interval	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	Reading No. 6: Inches of drop	Reading No. 7: Inches of drop	Reading No. 8: Inches of drop
	Yes	No									
			10 / 30								
			10 / 30								
			10 / 30								
			10 / 30								
			10 / 30								
			10 / 30								

***Water remaining in the hole at the end of the final 30 minute presoak ? Yes, use 30 minute interval; No use 10 minute interval.

Calculation of Average Percolation Rate:

Hole No.	Drop during final period	Perc. Rate as Minutes/Inch	Depth of Hole	
_____	_____ "	_____	_____ "	
_____	_____ "	_____	_____ "	
_____	_____ "	_____	_____ "	
_____	_____ "	_____	_____ "	
_____	_____ "	_____	_____ "	
_____	_____ "	_____	_____ "	
_____	_____ "	_____	_____ "	
TOTAL OF MIN/IN.		=	_____	Min
TOTAL No. OF HOLES			_____	Inch

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.

(S) _____
Sewage Enforcement Officer

SITE INVESTIGATION AND PERCOLATION TEST REPORT FOR ON-LOT DISPOSAL OF SEWAGE

Application No. _____ Municipality Smithfield Township County Monroe
 Site Location 6277 Franklin Hill Road Subd'n Name Lot#3 The Estate of Nancy Michael Shukatis
 Suitable Soil Type Comly Tax Slope 3-8% Limiting Zone 23"M Ave. Perc. Rate 11.49
 Unsuitable Mottling Seeps or Pounded Water Bedrock Fractures Coarse Fragments Perc. Rate
 Slope Unstabilized Fill Floodplain Other _____

INSTRUCTIONS FOR COMPLETION OF THIS FORM ARE LOCATED ON THE REVERSE

SOILS DESCRIPTION:

Soils Description Complete by: VW Consultants LLC / JAV Date: 10/28/24

Inches	Pit#	Description of Horizon	Additional Pits
<u>Ap</u> <u>0</u> TO <u>10</u> "	<u>9</u>	<u>10YR 3/4, Channery, Silt Loam, Moderate, Medium, Granular, Very Friable</u>	<u>Pit #10 27"M</u>
<u>Bw1</u> <u>10</u> TO <u>23</u> "		<u>10YR 4/4, Very Channery, Silt Loam, Weak, Coarse, Subangular Blocky, Friable</u>	
<u>Bw2</u> <u>23</u> TO <u>25</u> "		<u>10YR 4/4, Extremely Channery, Silt Loam, Structureless, Massive, Friable</u>	
<u>Cr</u> <u>25</u> TO <u>40</u> "		<u>Common distinct redox features</u> <u>Channers with Voids</u>	
_____ TO _____ "			
_____ TO _____ "			Depth to Limiting Zone: <u>23</u> Inches
_____ TO _____ "			

PERCOLATION TEST:

Percolation Test Completed by: VW Consultants LLC / GH Date: 11/8/24

Weather Conditions : Below 40 F 40 F or Above Dry Rain, Sleet, Snow (last 24 hours)
 Soil Conditions: Wet Dry Frozen

Hole No.	H2O Left ***		Reading Interval	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	Reading No. 6: Inches of drop	Reading No. 7: Inches of drop	Reading No. 8: Inches of drop
	Yes	No									
1	X		XX / 30	3.375	2.625	2.875	2.750	2.625			
2	X		XX / 30	4.000	4.000	4.000	4.000				
3	X		XX / 30	2.250	2.250	2.000	2.000				
4	X		XX / 30	3.875	4.000	3.750	3.750				
5	X		XX / 30	2.750	2.625	2.500	2.500				
6	X		XX / 30	2.250	2.000	2.125	2.000				

***Water remaining in the hole at the end of the final 30 minute presoak ? Yes, use 30 minute interval; No use 10 minute interval.

Calculation of Average Percolation Rate:

Hole No.	Drop during final period	Perc. Rate as Minutes/Inch	Depth of Hole
<u>1</u>	<u>2.625</u> "	<u>11.43</u>	<u>17</u> "
<u>2</u>	<u>4.000</u> "	<u>7.50</u>	<u>17</u> "
<u>3</u>	<u>2.000</u> "	<u>15.00</u>	<u>17</u> "
<u>4</u>	<u>3.750</u> "	<u>8.00</u>	<u>17</u> "
<u>5</u>	<u>2.500</u> "	<u>12.00</u>	<u>17</u> "
<u>6</u>	<u>2.000</u> "	<u>15.00</u>	<u>17</u> "
TOTAL OF MIN/IN.		<u>68.93</u> =	<u>11.49</u> Min
TOTAL No. OF HOLES		<u>6</u>	Inch

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.

(S) _____
Sewage Enforcement Officer

SITE INVESTIGATION AND PERCOLATION TEST REPORT FOR ON-LOT DISPOSAL OF SEWAGE

Application No. _____ Municipality Smithfield Township County Monroe
 Site Location 6277 Franklin Hill Road Subd'n Name Lot#3 The Estate of Nancy Michael Shukatis
 Suitable Soil Type Comly Tax Slope 3-8% Limiting Zone 27"M Ave. Perc. Rate _____
 Unsuitable Mottling Seeps or Pondered Water Bedrock Fractures Coarse Fragments Perc. Rate _____
 Slope Unstabilized Fill Floodplain Other _____

INSTRUCTIONS FOR COMPLETION OF THIS FORM ARE LOCATED ON THE REVERSE

SOILS DESCRIPTION:

Soils Description Complete by: VW Consultants LLC / JAV Date: 10/28/24

Inches	Pit#	10	Description of Horizon	
<u>Ap</u>	<u>0 TO 8</u>	"	<u>10YR 3/4, Channery, Silt Loam, Moderate, Medium, Granular, Very Friable</u>	
<u>Bw1</u>	<u>8 TO 18</u>	"	<u>10YR 4/4, Channery, Silt Loam, Moderate, Medium, Subangular Blocky, Friable</u>	
<u>Bw2</u>	<u>18 TO 27</u>	"	<u>10YR 4/4, Very Channery, Silt Loam, Weak, Coarse, Subangular Blocky, Friable</u>	
<u>C</u>	<u>27 TO 28</u>	"	<u>10YR 4/4, Very Channery, Silt Loam, Structureless, Massive, Friable</u> <u>Common distinct redox features</u>	
<u>R</u>	<u>28+</u>	<u>TO</u>	<u>Massive Shale Bedrock</u>	
	<u>TO</u>	<u>"</u>		Depth to Limiting Zone:
	<u>TO</u>	<u>"</u>		<u>27</u> Inches

PERCOLATION TEST:

Percolation Test Completed by: _____ Date: _____

Weather Conditions : Below 40 F 40 F or Above Dry Rain, Sleet, Snow (last 24 hours)

Soil Conditions: Wet Dry Frozen

Hole No.	H2O Left ***		Reading Interval	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	Reading No. 6: Inches of drop	Reading No. 7: Inches of drop	Reading No. 8: Inches of drop
	Yes	No									
			10 / 30								
			10 / 30								
			10 / 30								
			10 / 30								
			10 / 30								
			10 / 30								

***Water remaining in the hole at the end of the final 30 minute presoak ? Yes, use 30 minute interval; No use 10 minute interval.

Calculation of Average Percolation Rate:

Hole No.	Drop during final period	Perc. Rate as Minutes/Inch	Depth of Hole	
_____	_____ "	_____	_____ "	
_____	_____ "	_____	_____ "	
_____	_____ "	_____	_____ "	
_____	_____ "	_____	_____ "	
_____	_____ "	_____	_____ "	
_____	_____ "	_____	_____ "	
_____	_____ "	_____	_____ "	
TOTAL OF MIN/IN.		=	_____	Min
TOTAL No. OF HOLES			_____	Inch

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.

(S) _____
Sewage Enforcement Officer