

RESOLUTION FOR PLAN REVISION FOR NEW LAND DEVELOPMENT

RESOLUTION OF THE (SUPERVISORS) (COMMISSIONERS) (COUNCILMEN) of Halfmoon Township
(TOWNSHIP) (BOROUGH) (CITY), Centre COUNTY, PENNSYLVANIA (hereinafter "the municipality").

WHEREAS Section 5 of the Act of January 24, 1966, P.L. 1535, No. 537, known as the *Pennsylvania Sewage Facilities Act*, as Amended, and the rules and Regulations of the Pennsylvania Department of Environmental Protection (DEP) adopted thereunder, Chapter 71 of Title 25 of the Pennsylvania Code, require the municipality to adopt an Official Sewage Facilities Plan providing for sewage services adequate to prevent contamination of waters of the Commonwealth and/or environmental health hazards from sewage wastes, and to revise said plan whenever it is necessary to determine whether a proposed method of sewage disposal for a new land development conforms to a comprehensive program of pollution control and water quality management, and

WHEREAS Patrick & Jennifer Hawbaker has proposed the development of a parcel of land identified as
land developer

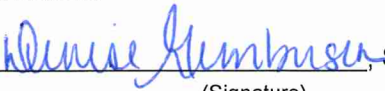
Subdivision and Lot Addition from Glenn O. Hawbaker, Inc. (Tax Parcel 17-001-025) to Patrick G. and Jennifer L. Hawbaker (Tax Parcel 17-001-025A), and described in the attached Sewage Facilities Planning Module, and
name of subdivision

proposes that such subdivision be served by: (check all that apply), ☐ sewer tap-ins, ☐ sewer extension, ☐ new treatment facility, ☒ individual onlot systems, ☐ community onlot systems, ☐ spray irrigation, ☐ retaining tanks, ☐ other, (please specify). _____

WHEREAS, Halfmoon Township finds that the subdivision described in the attached
municipality

Sewage Facilities Planning Module conforms to applicable sewage related zoning and other sewage related municipal ordinances and plans, and to a comprehensive program of pollution control and water quality management.

NOW, THEREFORE, BE IT RESOLVED that the (Supervisors) (Commissioners) (Councilmen) of the (Township) (Borough) (City) of Halfmoon Township hereby adopt and submit to DEP for its approval as a revision to the "Official Sewage Facilities Plan" of the municipality the above referenced Sewage Facilities Planning Module which is attached hereto.

I , Secretary, Halfmoon Township
(Signature)

Township Board of Supervisors (Borough Council) (City Councilmen), hereby certify that the foregoing is a true copy of the Township (Borough) (City) Resolution # 2021-11a, adopted, March 25, 2021.

Municipal Address:

Halfmoon Township
1948 Halfmoon Valley Road
Port Matilda, PA 16870
Telephone 814-692-9800



COMPONENT 1 PLANNING MODULE

FOR

SUBDIVISION AND LOT ADDITION
FROM GLENN O. HAWBAKER, INC.
(TAX PARCEL 17-001-025)
TO PATRICK G. AND JENNIFER L. HAWBAKER
(TAX PARCEL 17-001-025A)

HALFMOON TOWNSHIP
WORTH TOWNSHIP
PORT MATILDA BOROUGH
CENTRE COUNTY
PENNSYLVANIA

PA DEP CODE # 19-156

FEBRUARY 4, 2021
REVISED MAY 19, 2021



1952 WADDLE ROAD, SUITE 201
STATE COLLEGE, PA 16803

WWW.HAWBAKERENGINEERING.COM
1 (800) 284-8590

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**DEP PLANNING MODULE
COMPONENT 1**



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 #
19-156				

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 Subdivision and Lot Addition from Glenn O. Hawbaker, Inc. (Tax Parcel 17-001-025) to Patrick G. and Jennifer L. Hawbaker (Tax Parcel 17-001-025A)

2. Brief Project Description subdivide 11.201 acres from Tax Parcel 17-001-025 and add to Tax Parcel 17-001-025A

3. Total Number of Lots:

Number of Lots Being Proposed	0
+ Residual Land Parcel/Lot.....	+ 1
+ Number of Previous Lots Developed from Present Tract As it Appeared on May 15, 1972	+ 2
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 Halfmoon	County Centre	City <input type="checkbox"/>	Boro <input type="checkbox"/>	Twp <input checked="" type="checkbox"/>
Municipality Contact - Last Name Gembusia	First Name Denise	MI	Suffix	Title Manager
Additional Individual Last Name	First Name	MI	Suffix	Title
Municipality Mailing Address Line 1 1948 Halfmoon Valley Road		Mailing Address Line 2		
Address Last Line -- City Port Matilda		State PA	ZIP+4 16870	
Phone + Ext. (814) 692-9800	FAX (optional) (814) 692-7585	Email (optional) townshipclerk@halfmoontwp.us		

C. SITE INFORMATION (See Section C of instructions)

Site (Land Development Project) Name Subdivision and Lot Addition from Glenn O. Hawbaker, Inc. (Tax Parcel 17-001-025) to Patrick G. and Jennifer L. Hawbaker (Tax Parcel 17-001-025A)

Site Location Line 1 324 Hard Rock Lane		Site Location Line 2		
Site Location Last Line -- City Port Matilda	State PA	ZIP+4 16870	Latitude N40°47'40"	Longitude W78°01'44"

Detailed Written Directions to Site

From intersection of North Atherton Street (SR3042) and Buffalo Run Road (SR550) head west on Buffalo Run Road 4.4 miles to Hard Rock Lane. Make a left onto Hard Rock Lane and site will be at the end of the lane.

Description of Site (Project)

Existing house with garage and outbuildings

Site Contact (Developer) -- Last Name Hawbaker	First Name Patrick	MI	Suffix	Phone (814) 235-3621	Ext.
Site Contact Title		Site Contact Firm (if none, leave blank)			

FAX ()	Email pgh@goh-inc.com
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Mailing Address Line 1 1952 Waddle Road	Mailing Address Line 2
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Mailing Address Last Line -- City State College	State PA	ZIP+4 16803
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D. PROJECT CONSULTANT INFORMATION (See Section D of instructions)

Last Name Wasson	First Name James	MI O.	Suffix
---------------------	---------------------	----------	--------

Title Survey Manager	Consulting Firm Hawbaker Engineering, LLC
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Mailing Address Line 1 1952 Waddle Road, Suite 201	Mailing Address Line 2
---	------------------------

Address Last Line -- City State College	State PA	ZIP+4 16803	Country U.S.A.
--	-------------	----------------	-------------------

Email jow@hawbakerengineering.com	Phone (814) 272-0823	Ext.	FAX (814) 272-2440
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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. | j. Wetlands from National Wetland Inventory Mapping and USDA Hydric Soils Mapping. |
| b. Slope at each test area. | k. Floodplain and floodways (Federal Flood Insurance Mapping). |
| c. Soil types and boundaries. | l. Designated open space areas. |
| d. Existing and proposed streets, roadways, access roads, etc. | m. Remaining acreage under the same ownership and adjoining lots. |
| e. Lot lines and lot sizes. | n. Existing onlot or sewerage systems; pipelines, transmission lines, etc. |
| f. Existing and proposed rights-of-way. | o. Prime agricultural land. |
| g. Existing and proposed drinking water supplies for proposed and contiguous lots. | p. Orientation to North. |
| h. Existing buildings. | |
| i. Surface waters. | |

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.

Cory M. Warner

Soils Description Preparer Name (Print)

Cory M. Warner
Signature

3/4/21

Date

Patrick Hawbaker

Developer Name (Print)

Patrick Hawbaker
Signature

5/19/21

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. **ON PLOT PLAN**

G. M. Warner
Signature of Certified Sewage Enforcement Officer with
jurisdiction in municipality where development is proposed

03994
Certification

3/4/21
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.

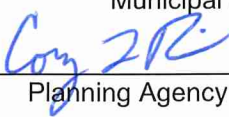
Applicant or Consultant Initials _____

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.

Halfmoon Township Planning Commission
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.

Denise Gembusia

Chairperson/Secretary of Governing Body

Denise Gembusia 05-25-2021

Signature

Date

Halfmoon Township

Municipality Name

1948 Halfmoon Valley Road, Port Matilda, PA 16870

Address

(Area Code) Telephone No. (814) 692-9800

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 \$35.00 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:

1 Lots X \$35.00 = \$35.00

- 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".

Patrick Hawbaker

Developer Name (Print)

Signature

Date

COMPONENT 1 COMPLETENESS CHECKLIST

PLANNING MODULE - COMPONENT 1

GLENN O. HAWBAKER, INC. SUBDIVISION AND LOT ADDITION



pennsylvania
DEPARTMENT OF ENVIRONMENTAL
PROTECTION

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

Completeness Checklist

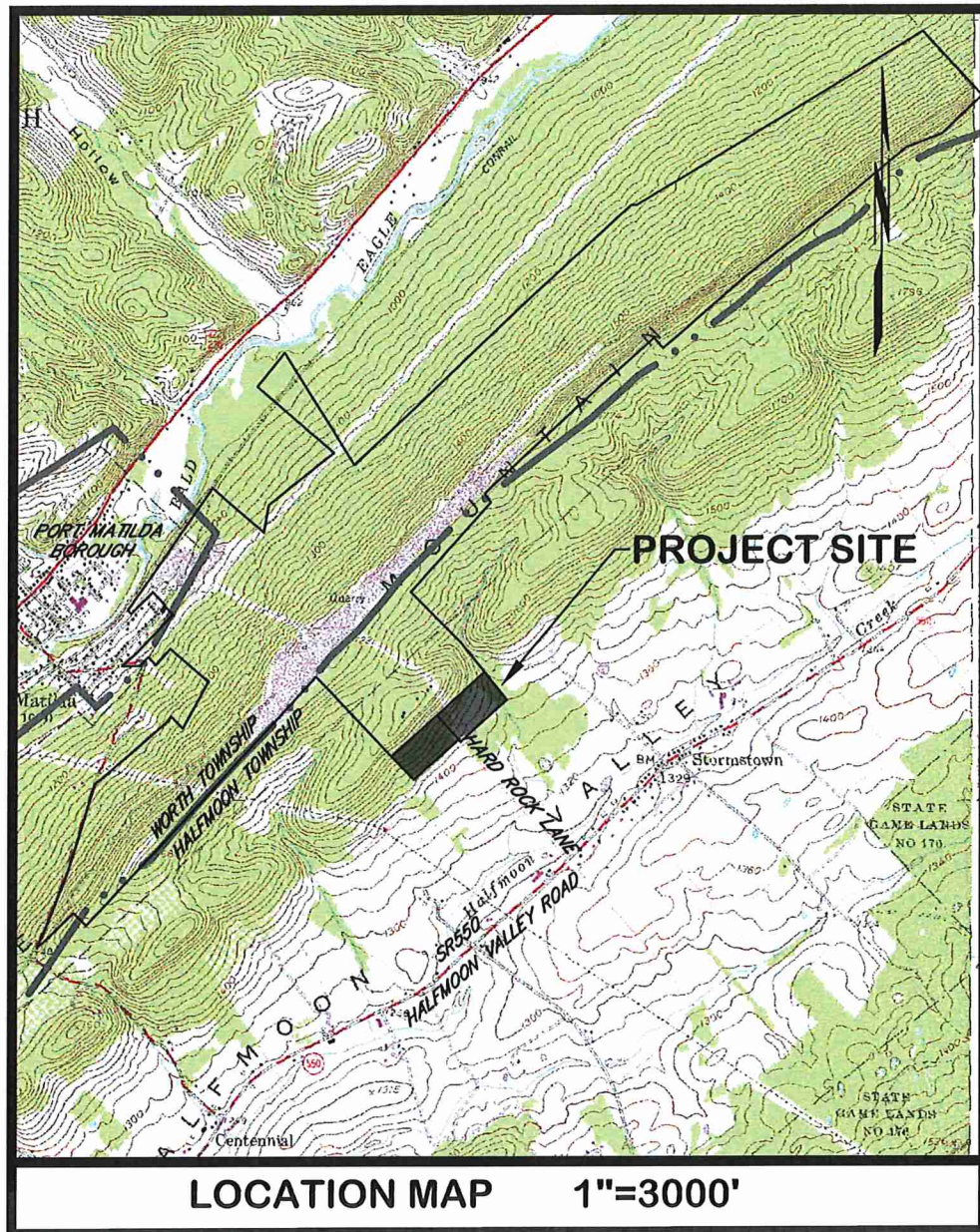
The following items should be checked off by the applicant as each is completed. The municipality should confirm that the required items have been included within ten days of receipt and if complete, sign and date the checklist. Submissions not containing the following information will be considered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

- ☒ Complete Component 1
- ☐ Letter from public water supplier (if applicable) **NOT 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

LOCATION MAP



**PRELIMINARY SUBDIVISION AND
LOT ADDITION FROM
GLENN O. HAWBAKER, INC.,
TAX PARCEL 17-001-025, TO LANDS OF
PATRICK G. & JENNIFER L. HAWBAKER,
TAX PARCEL 17-001-025A**

**HALFMOON TOWNSHIP, CENTRE COUNTY
PENNSYLVANIA**

USGS QUAD.: PORT MATILDA

PROJECT NARRATIVE

Project Narrative

Glenn O. Hawbaker, Inc. owns a 919.808 acre tract of land that is situated in Halfmoon Township, Worth Township and Port Matilda Borough in Centre County. The parcel is located to the east of Beckwith Road (State Route 3017). The 919.808 acres is a single tract of land designated by five tax parcel numbers for tax purposes. In 1999 all former parcels were combined into a single tract of land as shown on the recorded plan entitled "Preliminary/Final Lot Consolidation Plan for Lands of Glenn O. Hawbaker, Inc.) and recorded in Plat Book 59, Page 48 with the corresponding deed being recorded in Record Book 1114, Page 654. Centre County Tax Assessment indicated that the property consists of the following tax parcels:

- 10-004-019 (Worth Township parcel designated Clean and Green for tax purposes)
- 10-004-019-01 (Worth Township parcel designated mining for tax purposes)
- 10-004-019-02 (Worth Township parcel containing a Verizon cell tower)
- 17-001-025 (Halfmoon Township parcel designated Clean and Green for tax purposes)
- 35-004-111 (Port Matilda Borough parcel).

The structures located within the 919.808 acres consist of a Verizon cell tower located in Worth Township and an existing 5,851 square foot metal building located in Halfmoon Township. Patrick G. and Jennifer L. Hawbaker own 12.882 acres in Halfmoon Township, Centre County at 324 Hard Rock Lane, Port Matilda. The 12.882 acres consist of an existing house and garage. The owners wish to add 11.201 acres containing the 5,851 square foot metal building from the 919.808 acre parcel and add it to the 12.882 acre parcel. The resulting parcels will consist of the 919.808 acres becoming 908.607 acres and the 12.882 acres becoming 24.083 acres.

The existing Patrick G. and Jennifer L. Hawbaker house has an individual well and its own septic tank and absorption area sized for three bedrooms. Soil testing has been completed to support a replacement site for the existing absorption area within Halfmoon Township. No testing was completed in Worth Township or Port Matilda Borough. The existing 5,851 square foot metal building was originally built for commercial functions, however it was not able to meet the Township Zoning Ordinance. The adjoining owners, Patrick G. and Jennifer L. Hawbaker, have been using the building for personal use. If the building is to be used for commercial functions in the future, revised sewer planning will need to be performed.

SOIL TESTING REPORTS



pennsylvania
DEPARTMENT OF ENVIRONMENTAL
PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

Δ 1-01

VERIFICATION OF PRIOR TESTING

Note: Please refer to 25 Pa. Code § 72.26, Denial of Permits, before completing this form.

HAWBAKER ENGINEERING
PATRICK E JENNIFER HAWBAKER
Applicant's Name
324 HARD ROCK PORT MATALDA PA
Site Location
CHARLES HERP
Name of Sewage Enforcement Officer (SEO) conducting/observing
prior test

HALFMOON Municipality
HAWBAKER (REPLUT) Subdivision Name
4/29/01 Date of prior test (Perç.)
CENTRE County
17-001-025A Lot No.
3-15-01 (Probe)

SECTION I: CERTIFICATION AND TEST RESULTS

1. Prior to an on-site inspection of the conditions on the property, the following must be verified:

Verified

a. The SEO conducting or observing prior testing was certified at the time the tests were completed;

b. The lot in question has not been cited in a decertification/suspension notice, written notice to the municipality or in any evaluation report represented to the municipality indicating improper or incorrect soils testing by prior SEOs;

c. Test data was recorded and is available in sufficient quantity and detail to be interpreted by others in order to determine the presence of an identified limiting zone and average percolation rate.

IF ANY OF THE CONDITIONS ABOVE CANNOT BE VERIFIED, RETESTING OF THE SITE IS REQUIRED.

IF ALL OF THE CONDITIONS ABOVE WERE PROPERLY VERIFIED, GO ON TO SECTION II.

SECTION II: ON-SITE VERIFICATION

Yes No

1. Does the site display any of the following characteristics?

- a. Slopes in excess of 25%
b. Presence of rock outcrops
c. Floodway, floodplain or floodprone soils;
d. Evidence of filling or scraping on the site of the system;
e. Evidence of more tests than reported:

2. Slope as listed on the original test: 3 %
Slope as measured on site: 3 %

3. Will the isolation distances encroach on adjacent properties?

4. Is there insufficient area at the absorption site to accommodate the bed or trenches, as designed?

5. Are there any obvious changes in the lot which would make the prior tests suspect?

SECTION II: ON-SITE VERIFICATION

Yes No

6. Are there any observable conditions on the lot which would contradict the soils information provided?

7. Was the soil probe performed more than ten (10) feet from the proposed area?

8. Was the percolation test performed at a location other than the proposed area?

IF ANY OF THE QUESTIONS ABOVE IN SECTION II WERE ANSWERED "YES", RETESTING OF THE SITE IS REQUIRED.

IF ALL OF THE QUESTIONS ABOVE IN SECTION II WERE ANSWERED "NO", GO ON TO SECTION III.

SECTION III: TEST SITE VERIFICATION

The exact location of the soils tests performed has been determined to my satisfaction by one of the following:

1. Locating the test pit and percolation hole remnants on the lot;

2. The existence of recorded measurements from at least two (2) permanent landmarks establishing the test locations;

3. A plan of the lot, drawn to scale, indicating the location of the tests; or,

4. Identification of the exact location of the tests by the prior SEO, provided that his/her certification has not been revoked, suspended or otherwise surrendered to the Department of Environmental Protection (DEP).

Verification of prior testing completed by

CORY M. WARNER #03994
Name of SEO Cert No.

C M Warner
Signature

ACCEPTED ☒

REJECTED ☐



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

Δ 2-01

VERIFICATION OF PRIOR TESTING

Note: Please refer to 25 Pa. Code § 72.26, Denial of Permits, before completing this form.

HAWBAKER ENGINEERING
PATRICK E JENNIFER HAWBAKER
Applicant's Name

HALF MOON
Municipality

CENTRE
County

324 HARD ROCK POY MATILDA PA
Site Location

HAWBAKER (REPLUT)
Subdivision Name

17-001-025A
Lot No.

CHARLES HERP
Name of Sewage Enforcement Officer (SEO) conducting/observing prior test

4/29/01
Date of prior test (Perc.)

3/15/01
(Probé)

SECTION I: CERTIFICATION AND TEST RESULTS

1. Prior to an on-site inspection of the conditions on the property, the following must be verified:

Verified

a. The SEO conducting or observing prior testing was certified at the time the tests were completed;

b. The lot in question has not been cited in a decertification/suspension notice, written notice to the municipality or in any evaluation report represented to the municipality indicating improper or incorrect soils testing by prior SEOs;

c. Test data was recorded and is available in sufficient quantity and detail to be interpreted by others in order to determine the presence of an identified limiting zone and average percolation rate.

SECTION II: ON-SITE VERIFICATION

Yes No

6. Are there any observable conditions on the lot which would contradict the soils information provided? ☐ ☒

7. Was the soil probe performed more than ten (10) feet from the proposed area? ☐ ☒

8. Was the percolation test performed at a location other than the proposed area? ☐ ☒

IF ANY OF THE QUESTIONS ABOVE IN SECTION II WERE ANSWERED "YES", RETESTING OF THE SITE IS REQUIRED.

IF ALL OF THE QUESTIONS ABOVE IN SECTION II WERE ANSWERED "NO", GO ON TO SECTION III.

SECTION III: TEST SITE VERIFICATION

The exact location of the soils tests performed has been determined to my satisfaction by one of the following:

1. Locating the test pit and percolation hole remnants on the lot; ☒ ☐

2. The existence of recorded measurements from at least two (2) permanent landmarks establishing the test locations; ☐ ☐

3. A plan of the lot, drawn to scale, indicating the location of the tests; or, ☒ ☐

4. Identification of the exact location of the tests by the prior SEO, provided that his/her certification has not been revoked, suspended or otherwise surrendered to the Department of Environmental Protection (DEP). ☐ ☐

Verification of prior testing completed by

CORY M. WARNER #03994
Name of SEO Cert No.

Cory M. Warner
Signature

ACCEPTED ☒

REJECTED ☐

IF ANY OF THE CONDITIONS ABOVE CANNOT BE VERIFIED, RETESTING OF THE SITE IS REQUIRED.

IF ALL OF THE CONDITIONS ABOVE WERE PROPERLY VERIFIED, GO ON TO SECTION II.

SECTION II: ON-SITE VERIFICATION

Yes No

1. Does the site display any of the following characteristics?

a. Slopes in excess of 25% ☐ ☒

b. Presence of rock outcrops ☐ ☒

c. Floodway, floodplain or floodprone soils; ☐ ☒

d. Evidence of filling or scraping on the site of the system; ☐ ☒

e. Evidence of more tests than reported: ☐ ☒

2. Slope as listed on the original test: 3 %
Slope as measured on site: 2 %

3. Will the isolation distances encroach on adjacent properties? ☐ ☒

4. Is there insufficient area at the absorption site to accommodate the bed or trenches, as designed? ☐ ☒

5. Are there any obvious changes in the lot which would make the prior tests suspect? ☐ ☒



pennsylvania
DEPARTMENT OF ENVIRONMENTAL
PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

Δ 3-01

VERIFICATION OF PRIOR TESTING

Note: Please refer to 25 Pa. Code § 72.26, Denial of Permits, before completing this form.

HAWBAKER ENGINEERING
PATRICK E. JENNIFER HAWBAKER
Applicant's Name

324 HARD ROCK PORT MATILDA PA
Site Location

CHARLES HERP
Name of Sewage Enforcement Officer (SEO) conducting/observing
prior test

HALF MOON

Municipality

HAWBAKER (REPLUT)

Subdivision Name

Date of prior test

4/28/01
(Perc.)

CENTRE

County

17-001-025A

Lot No

3/15/01
(Probe)

SECTION I: CERTIFICATION AND TEST RESULTS

1. Prior to an on-site inspection of the conditions on the property, the following must be verified:

Verified

a. The SEO conducting or observing prior testing was certified at the time the tests were completed;

b. The lot in question has not been cited in a decertification/suspension notice, written notice to the municipality or in any evaluation report represented to the municipality indicating improper or incorrect soils testing by prior SEOs;

c. Test data was recorded and is available in sufficient quantity and detail to be interpreted by others in order to determine the presence of an identified limiting zone and average percolation rate.

IF ANY OF THE CONDITIONS ABOVE CANNOT BE VERIFIED, RETESTING OF THE SITE IS REQUIRED.

IF ALL OF THE CONDITIONS ABOVE WERE PROPERLY VERIFIED, GO ON TO SECTION II.

SECTION II: ON-SITE VERIFICATION

Yes No

1. Does the site display any of the following characteristics?

- a. Slopes in excess of 25%
b. Presence of rock outcrops
c. Floodway, floodplain or floodprone soils;
d. Evidence of filling or scraping on the site of the system;
e. Evidence of more tests than reported:

2. Slope as listed on the original test: _____%
Slope as measured on site: _____%

3. Will the isolation distances encroach on adjacent properties?

4. Is there insufficient area at the absorption site to accommodate the bed or trenches, as designed?

5. Are there any obvious changes in the lot which would make the prior tests suspect?

SECTION II: ON-SITE VERIFICATION

Yes No

6. Are there any observable conditions on the lot which would contradict the soils information provided?

7. Was the soil probe performed more than ten (10) feet from the proposed area?

8. Was the percolation test performed at a location other than the proposed area?

IF ANY OF THE QUESTIONS ABOVE IN SECTION II WERE ANSWERED "YES", RETESTING OF THE SITE IS REQUIRED.

IF ALL OF THE QUESTIONS ABOVE IN SECTION II WERE ANSWERED "NO", GO ON TO SECTION III.

SECTION III: TEST SITE VERIFICATION

The exact location of the soils tests performed has been determined to my satisfaction by one of the following:

1. Locating the test pit and percolation hole remnants on the lot;

2. The existence of recorded measurements from at least two (2) permanent landmarks establishing the test locations;

3. A plan of the lot, drawn to scale, indicating the location of the tests; or,

4. Identification of the exact location of the tests by the prior SEO, provided that his/her certification has not been revoked, suspended or otherwise surrendered to the Department of Environmental Protection (DEP).

Verification of prior testing completed by

CORY M. WARNER #03994
Name of SEO Cert No.

C. M. Warner
Signature

ACCEPTED ☒

REJECTED ☐


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

Application No. _____ Municipality HALEMPOL County COLUMBIA
 Site Location 1/2 MI W OF STREMBEL Subdivision Name HALEMPOL
☒ **SUITABLE** Soil Type BU Slope 3 % Depth to Limiting Zone 66 Ave. Perc. Rate 11.8
☐ **UNSUITABLE** ☐ Mortling ☐ Seeps or Pooled 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: CHARLES F. HERR JR Date: 3-15-01

Inches	Description of Horizon	
<u>0</u> TO <u>9</u>	<u>BRN. SILT LOAM, 5% CF, FINE GRAN, VERY FRIABLE</u>	 Depth to Limiting Zone: <u>66</u> inches
<u>9</u> TO <u>18</u>	<u>DK-YEL-BRN, SILTY CLAY LOAM, 5-10% CF, FINE SAB, FRIABLE</u>	
<u>18</u> TO <u>66</u>	<u>RED-YEL-BRN, SILTY CLAY, 5-10% CF, MED SAB,</u>	
___ TO ___	<u>MAG STAINS, SLIGHTLY FIRM TO FIRM, MOTTLED</u>	
___ TO ___	<u>LAYER @ 66 INCHES</u>	

PERCOLATION TEST:

Percolation Test Completed by: D. HERR Date: 4-29-01

Weather Conditions: ☐ Below 40°F ☒ 40°F or above ☒ Dry ☐ Rain, Sleet, Snow (last 24 hours)

Soil Conditions: ☐ Wet ☒ Dry ☐ Frozen

Hole No.	Yes	No	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
1		<input checked="" type="checkbox"/>	10/30	4 1/8	3 1/4	2 3/4	2 1/8	1 7/8	1 1/2	1 1/8	1 1/8
2	<input checked="" type="checkbox"/>		10/30	2 1/8	1 1/4	1 1/4	1	1			
3		<input checked="" type="checkbox"/>	10/30	3 1/2	3 1/4	3	2 7/8	2 1/4	2 1/8	1 3/4	1 3/4
4		<input checked="" type="checkbox"/>	10/30	3 3/4	2 3/4	2 3/4	2 5/8	2 1/2	2 1/2		
5	<input checked="" type="checkbox"/>		10/30	4 1/8	3 5/8	3 1/2	3 1/2	3 3/8			
6		<input checked="" type="checkbox"/>	10/30	2 7/8	1 7/8	1 5/8	7/8	1	1	3/4	

*** 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
1	1 1/8 "	8.9	18 "
2	1 "	30.	"
3	1 3/4 "	5.7	"
4	2 1/2 "	4.	"
5	3 3/8 "	8.9	"
6	3/4 "	15.8	"
TOTAL OF MIN / IN →		70.8	11.8
TOTAL NO. OF HOLES →		6	
			Min / 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

LOCAL AGENCY

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

Application No. _____ Municipality HALIMPTON County CENTRA
 Site Location RT 550 W OF STORMTOWN Subdivision Name HAWBAKER
☒ SUITABLE Soil Type BU Slope 2 % Depth to Limiting Zone 64 Ave. Perc. Rate 9.9
☐ UNSUITABLE ☐ Mottling ☐ Seeps or Pooled 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: CHARLES F. HERR JR Date: 3-15-01

Inches	Description of Horizon	<div><div>2</div><div>Depth to Limiting Zone: 64 inches</div></div>
0 TO 10	BRN. SILT LOAM, 5-10% CF, FINE GRAN, VERY FRAGILE	
10 TO 31	DK-YEL-BRN, SILTY CLAY LOAM, 5-10% CF, FINE SAB, FRAGILE	
31 TO 64	RED-YEL-BRN, SILTY CLAY, 5-10% CF, MED SAB	
TO	MAG STAINS, SLIGHTLY FIRM, FAINT MOTTLED LAYER.	
TO	@ 64 INCHES	

PERCOLATION TEST:

Percolation Test Completed by: D. HERR Date 4-29-01

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

Hole No.	Yes	No	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
1		<input checked="" type="checkbox"/>	10/30	2 3/4	2 5/8	2 1/8	2	17 1/8	15 1/8	15 1/8	1 1/2
2		<input checked="" type="checkbox"/>	10/30	27 1/8	23 1/4	23 1/8	2 1/8	17 1/8	17 1/8	13 1/4	1 7/8
3	<input checked="" type="checkbox"/>		10/10	2 5/8	1 5/8	1 1/2	1 1/2	1 1/2			
4	<input checked="" type="checkbox"/>		10/10	4 1/2	3	27 1/8	3	27 1/8			
5	<input checked="" type="checkbox"/>		10/10	4 5/8	4 1/2	4 1/2	4 1/2				
6	<input checked="" type="checkbox"/>		10/10	4 7/8	3 1/2	3 1/2	3 1/4	3 1/4			

***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
1	10 1 1/2 "	6.7	16 "
2	10 1 5/8 "	6.2	"
3	10 1 1/2 "	20.	"
4	10 27 1/8 "	10.4	"
5	10 4 1/2 "	6.7	"
6	10 3 1/4 "	9.2	"
TOTAL OF MIN / IN →		59.2	9.9 Min Inch
TOTAL NO. OF HOLES →		6	

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) Charles F. Herr Jr
Sewage Enforcement Officer

LOCAL AGENCY


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

Application No. _____ Municipality HALF MOON County CANTON
 Site Location RT 550 W OF STORMTOWN Subdivision Name HAWBAKER
☒ **SUITABLE** Soil Type BU Slope 7 % Depth to Limiting Zone 34 Ave. Perc. Rate 16.6
☐ **UNSUITABLE** ☐ Mortling ☐ Seeps or Pooled 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: CHARLES F. HERR JR Date: 3-15-01

Inches	Description of Horizon	
<u>0</u> TO <u>13</u>	<u>DK-YEL-BRN, SILTY CLAY LOAM, 10% CF</u>	
___ TO ___	<u>FINE GRAN, FRIABLE</u>	
<u>13</u> TO <u>34</u>	<u>RED-YEL-BRN, SILTY CLAY, 10% CF, MED SAB</u>	
___ TO ___	<u>MAG STAINS, SLIGHTLY FIRM TO FIRM</u>	
___ TO ___	<u>MOTTLED LAYER @ 34 INCHES</u>	

Depth to Limiting
Zone: 34 inches

PERCOLATION TEST:

Percolation Test Completed by: B. SMITH Date 4-28-01

Weather Conditions: ☐ Below 40°F ☒ 40°F or above ☒ Dry ☐ Rain, Sleet, Snow (last 24 hours)

Soil Conditions: ☐ Wet ☒ Dry ☐ Frozen

Hole No.	Yes	No	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
1	-		10/100	5 1/2	4 1/4	4 1/4	4 1/8	4 1/8			
2	-		10/100	3 1/4	2 1/8	1 7/8	2	1 7/8			
3	-		10/100	2 1/2	2 1/2	2 1/2	2 1/2				
4	-		10/100	6+	5 1/2	5	4 7/8	5	4 3/4		
5	-		10/100	6+	6+	6+	6+				
6	-		10/100	7/8	3/4	1 1/2	4/2	1 1/2			

***Water remaining in the hole at the end of the final 30 minute pre-soak? 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
1	4 1/8 "	7.3	20 "
2	1 7/8 "	16.	1 "
3	2 1/2 "	12.	1 "
4	4 3/4 "	2.1	1 "
5	6+ "	1.7	1 "
6	7/8 "	60.	1 "
TOTAL OF MIN / IN → <u>99.1</u>			<u>16.6</u> Min / Inch
TOTAL NO. OF HOLES → <u>6</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

LOCAL AGENCY

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

Application No. _____ Municipality HALEMON County CANTLA
 Site Location RT 550 W OF STORMTOWN Subdivision Name HAWBAKER
☒ **SUITABLE** Soil Type BU Slope 9 % Depth to Limiting Zone 40 Ave. Perc. Rate 49.9
☐ **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: CHARLES F. HERR JR Date: 3-15-01

Inches	Description of Horizon
<u>0</u> TO <u>20</u>	<u>DK-YEL-BRN, SILTY CLAY LOAM, 10% LF</u>
___ TO ___	<u>FINE GRAIN, FRIABLE</u>
<u>20</u> TO <u>40</u>	<u>RED-YEL-BRN, SILTY CLAY, 10% LF, MED SAB,</u>
___ TO ___	<u>MAG STAINS, SLIGHTLY FIRM,</u>
___ TO ___	<u>MOTTLED LAYER @ 40 INCHES</u>



Depth to Limiting Zone 40 Inches

PERCOLATION TEST:

Percolation Test Completed by: D. HERR Date 4-28-01

Weather Conditions: ☐ Below 40°F ☒ 40°F or above ☒ Dry ☐ Rain, Sleet, Snow (last 24 hours)

Soil Conditions: ☐ Wet ☒ Dry ☐ Frozen

Hole No.	Yes	No	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
1		✓	10/30	6+	5 3/4	3 7/8	2 5/8	2 1/4	1 5/8	1 5/8	1 1/2
2	-		10/100	1 1/4	3/8	3/8	1/4				
3	-		10/100	1 7/8	1 1/2	1 1/2	1 3/8	1 3/8			
4	-		10/100	3	2 5/8	2 5/8	2 1/2	2 1/2			
5	-		10/100	1/4	3/8	1/4	1/4				
6	-		10/100	2 5/8	1 3/4	1 3/4	1 5/8	1 5/8			

***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
1	(10) 1 1/2 "	6.7	20 "
2	1/4 "	120.	"
3	1 3/8 "	21.8	"
4	2 1/2 "	12.	"
5	1/4 "	120.	"
6	1 5/8 "	18.5	"
TOTAL OF MIN / IN →		299.	49.9 Min / Inch
TOTAL NO. OF HOLES →		6	

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) Charles F. Herr Jr
Sewage Enforcement Officer

LOCAL AGENCY

PNDI DATABASE SEARCH RESULT

1. PROJECT INFORMATION

Project Name: **Hardrock Subdivision**

Date of Review: **2/5/2021 03:32:38 PM**

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

Project Area: **85.04 acres**

County(s): **Centre**

Township/Municipality(s): **HALFMOON TOWNSHIP; HUSTON TOWNSHIP; PORT MATILDA; WORTH TOWNSHIP**

ZIP Code:

Quadrangle Name(s): **JULIAN; PORT MATILDA**

Watersheds HUC 8: **Bald Eagle; Upper Juniata**

Watersheds HUC 12: **Halfmoon Creek; Laurel Run-Bald Eagle Creek**

Decimal Degrees: **40.794984, -78.039230**

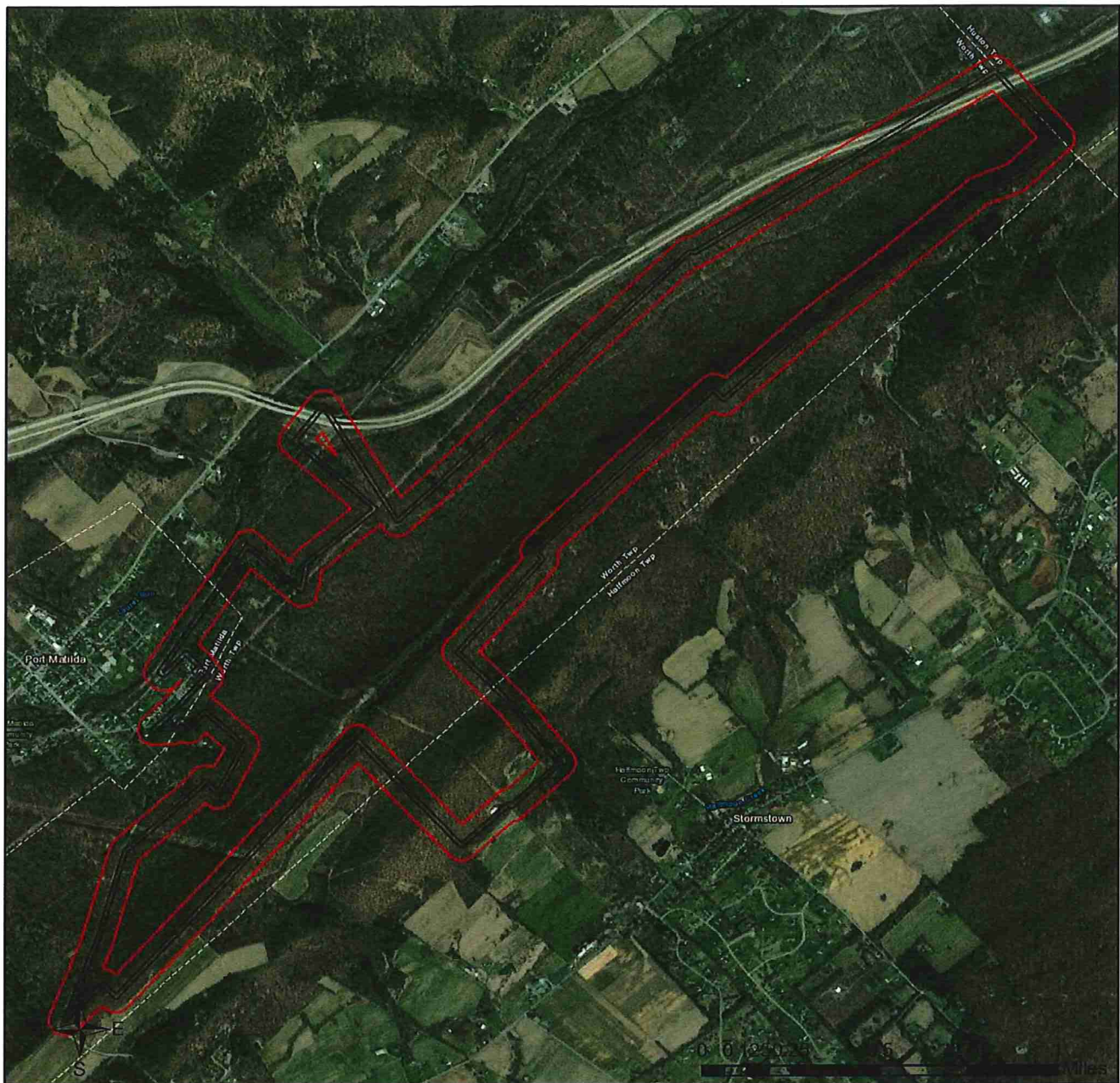
Degrees Minutes Seconds: **40° 47' 41.9413" N, 78° 2' 21.2275" W**

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	Conservation Measure	No Further Review Required, See Agency Comments
U.S. Fish and Wildlife Service	No Known Impact	No Further Review Required

Pennsylvania Natural Diversity Inventory (PNDI) records indicate that while threatened and endangered and/or special concern species and resources are in the project vicinity and that recommended Conservation Measures should be implemented in their entirety to avoid and minimize impacts to these species, no further coordination is required with the jurisdictional agencies. If a DEP permit is required for this project, DEP has the discretion to incorporate one or more Conservation Measures into its permit. This response does not reflect potential agency concerns regarding potential impacts to other ecological resources, such as wetlands.

Hardrock Subdivision

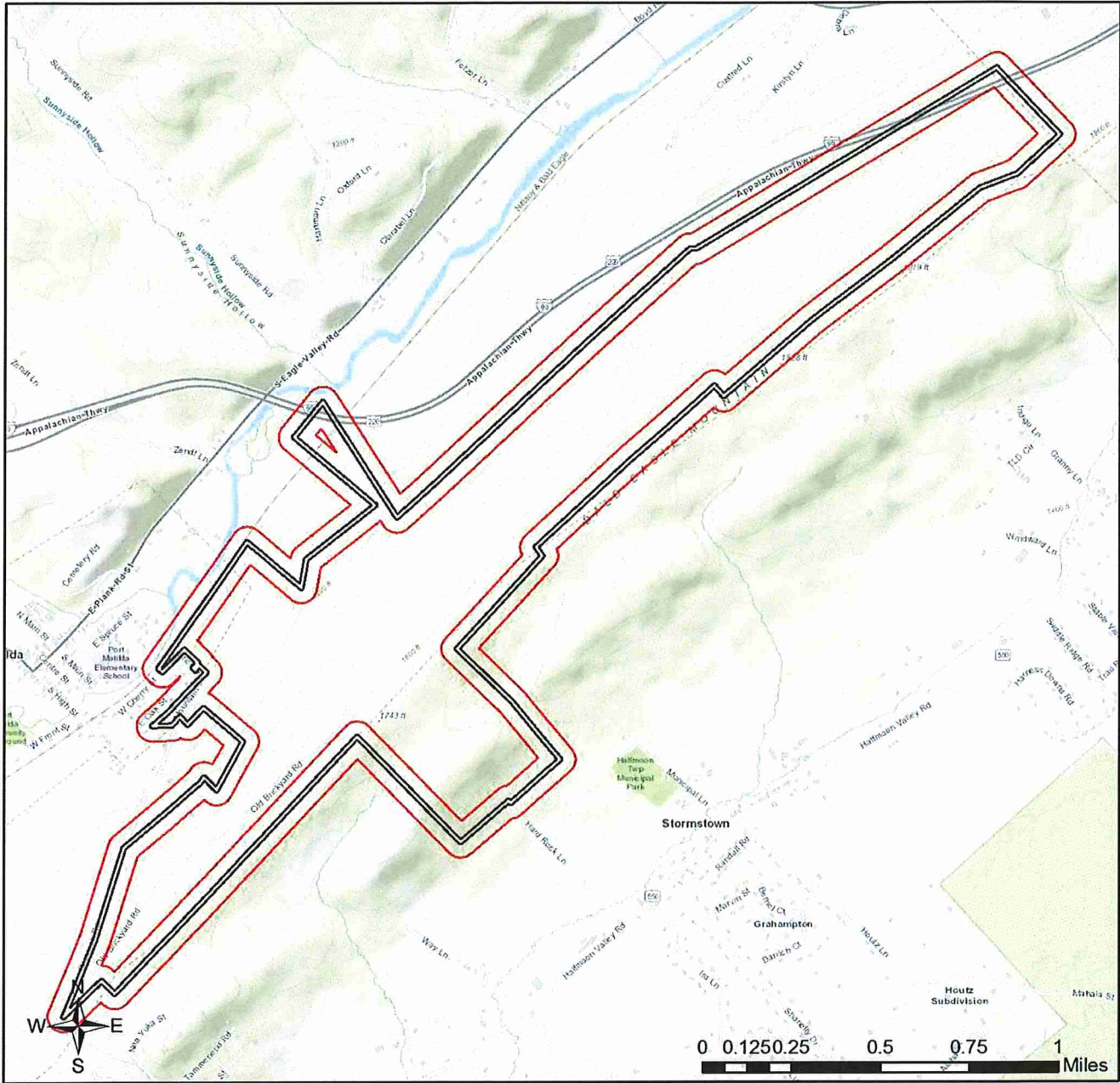


- ☐ Project Boundary
- ☐ Buffered Project Boundary

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



Hardrock Subdivision



- Project Boundary
- Buffered Project Boundary

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



RESPONSE TO QUESTION(S) ASKED

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

Your answer is: No forests, woodlots or trees will be affected by the project.

Q2: 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

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:

Conservation Measure: The natural flow regime and water quality in this watershed are important to maintaining habitats occupied by rare fish and mussels. PFBC recommends that you take measures to maintain a natural flow regime, high water quality, and quantity. Maintenance or restoration of the riparian corridor will aid in connecting habitats and improving water quality and quantity for fish and mussels. PFBC recommends retaining (or restoring, if not already present) a riparian buffer (100 to 300 feet, if possible) on each side of the waterway (river, stream, creek). This buffer should be vegetated with native plant species. When adequately vegetated, this upland buffer will act to stabilize the streambanks (preventing or minimizing erosion), and filter pollutants (e.g., sediment, fertilizers, pesticides, road salt, oil). Where streambanks have become badly eroded (e.g., due to previous removal of native riparian vegetation), streambank fencing and/or bioengineering restoration techniques are recommended (geotextile, root wads, vegetative stabilization), rather than riprapping the streambanks; removing gravel bars; or attempting to dredge, ditch, channelize, or widen the stream. Use stringent erosion and sedimentation controls before, during, and after project implementation to ensure that sediment and contaminants do not enter any waterway(s) (rivers, creeks, streams, tributaries) or waterbodies (lakes, ponds).

PFBC Species: (Note: The Pennsylvania Conservation Explorer tool is a primary screening tool, and a desktop review may reveal more or fewer species than what is listed below.)

Scientific Name	Common Name	Current Status
Alasmidonta undulata	Triangle Floater	Special Concern Species*

U.S. Fish and Wildlife Service

RESPONSE:

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

* Special Concern Species or Resource - Plant or animal species classified as rare, tentatively undetermined or candidate as well as other taxa of conservation concern, significant natural communities, special concern populations (plants or animals) and unique geologic features.

** Sensitive Species - Species identified by the jurisdictional agency as collectible, having economic value, or being susceptible to decline as a result of visitation.

4. DEP INFORMATION

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

5. ADDITIONAL INFORMATION

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

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

6. AGENCY CONTACT INFORMATION

PA Department of Conservation and Natural Resources

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

PA Fish and Boat Commission

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

U.S. Fish and Wildlife Service

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

PA Game Commission


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

7. PROJECT CONTACT INFORMATION

Name: **Robert Myers, Project Engineer**
Company/Business Name: **Hawbaker Engineering, LLC**
Address: **1952 Waddle Road, Suite 201**
City, State, Zip: **State College, PA 16803**
Phone: **(814) 272-0786** Fax: **(814) 272-2440**
Email: rem2@hawbakerengineering.com

8. CERTIFICATION

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



applicant/project proponent signature



date

PLOT PLAN