



RESOLUTION FOR PLAN REVISION FOR NEW LAND DEVELOPMENT

RESOLUTION OF THE (SUPERVISORS) (COMMISSIONERS) (COUNCILMEN) of Halfmoon
(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 Elwood L. Seifert has proposed the development of a parcel of land identified as
land developer

Elwood L. Seifert Subdivision, 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 Denise Gembusia, Secretary, Halfmoon
(Signature)

Township Board of Supervisors (~~Borough Council~~) (~~City Councilmen~~), hereby certify that the foregoing is a true copy of the Township (~~Borough~~) (City) Resolution # 2020-23, adopted, October 8, 2020.

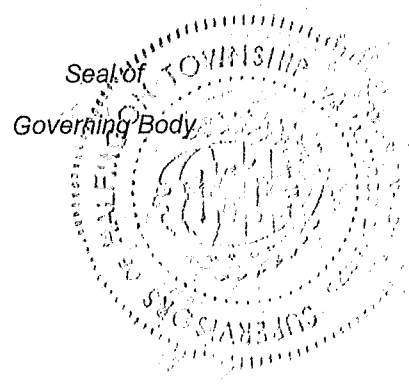
Municipal Address:

Halfmoon Township

1948 Halfmoon Valley Road

Port Matilda, PA 16870

Telephone (814) 692-9800





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

Code No.

SEWAGE FACILITIES PLANNING MODULE

Component 2. Individual and Community Onlot Disposal of Sewage

(Return completed module package to appropriate municipality)

DEP USE ONLY				
DEP CODE #	CLIENT ID #	SITE ID #	APS ID #	AUTH ID #
20-022				

This planning module component is used to fulfill the planning requirements of Act 537 for the following types of projects: (1) proposing the use of individual onlot sewage disposal systems (including individual residential spray irrigation systems (IRSIS)) and except for those projects qualifying for the "exception to the requirement to revise the Official Plan" under Chapter 71, Section 71.55, (2) proposing retaining tanks (including holding tanks, privies, chemical, incinerating, recycling or composting toilets), (3) proposing municipal permitted community onlot sewage disposal systems, and (4) proposing DEP permitted individual or community large volume onlot sewage disposal systems.

This component, along with any other documents specified in the cover letter, must be submitted to the municipality with jurisdiction over the project site for review and approval. All appropriate documentation must be attached for the Sewage Facilities Planning Module package to be complete. Refer to the instructions for help in completing this component.

REVIEW FEES: Amendments to the Sewage Facilities Act established fees to be paid by the applicant 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 R and the instructions for more information on these fees.

NOTE: All projects must complete Sections A through I and Sections N through R. Complete Sections J, K, L and/or M if indicated ☒. The municipality should complete Section Q if marginal conditions are present and/or if a waiver of the planning requirements is requested for the residual tract and/or if assurance of long term O & M option is required.

A. PROJECT INFORMATION (See Section A of instructions)

- Project Name Elwood L. Seifert Subdivision
- Brief Project Description Two (2) lot subdivision

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

Municipality Name	County	City	Boro	Twp
Halfmoon Township	Centre	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Municipality Contact Individual – Last Name	First Name	MI	Suffix	Title
Steele	Susan			Manager/Secretary

Additional Individual Last Name	First Name	MI	Suffix	Title

Municipality Mailing Address Line 1	Mailing Address Line 2
1948 Halfmoon Valley Road	

Address Last Line – City	State	ZIP+4
Port Matilda	PA	16870

Phone + Ext.	FAX (optional)	Email (optional)
(814) 692-9800	(814) 692-7585	townshipclerk@halfmoontwp.us

C. SITE INFORMATION (See Section C of instructions)**Site (Land Development or Project) Name**

Elwood L. Seifert Subdivision

Site Location Line 1

50 Kay Ty Lane

Site Location Line 2

Site Location Last Line – City

Port Matilda

State

PA

ZIP+4

16870

Latitude

Longitude

Detailed Written Directions to Site From I-99 take Exit 61 towards Port Matilda, follow North High Street to red light with Plank Road, go straight through red line onto South High Street, South High Street transitions to Beckwith Road, travel 2-2.5 miles and turn right onto Kay Ty Lane. The subdivision will be located on the right after crossing the stream.

Description of Site Partially open/partially wooded parcel

Site Contact (Developer/Owner)

Last Name

First Name

MI

Suffix

Phone

Ext.

Seifert

Elwood

L

(814) 206-6378

Site Contact Title

Site Contact Firm (if none, leave blank)

owner

FAX

Email

Mailing Address Line 1

1346 beckwith Road

Mailing Address Line 2

50 Kay Ty Lane

Mailing Address Last Line – City

Port Matilda

State

PA

ZIP+4

16870

D. PROJECT CONSULTANT INFORMATION (See Section D of instructions)

Last Name

First Name

MI

Suffix

Myers

Robert

E

Title

Consulting Firm Name

Project Manager

Hawbaker Engineering, LLC

Mailing Address Line 1

Mailing Address Line 2

1952 Waddle Road, Suite 201

Address Last Line – City

State College

State

PA

ZIP+4

16803

Country

U.S.A.

Email

rem2@hawbakerengineerin
g.com

Phone

(814) 272-0786

Ext.

FAX

(814) 272-2440

E. AVAILABILITY OF DRINKING WATER SUPPLY

The 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 and is attached.

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 attached instructions)

This section must be completed when the proposed method of sewage disposal is the use of onlot sewage disposal systems or privies. The purpose of the information provided in this section is to determine the general suitability of the site for onlot disposal of sewage. Site suitability should not be construed as approval for permit issuance on individual lots. Additional testing may be required for permit issuance.

NOTE: 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.3 of the attached instructions.

1. PLOT PLAN

The following information is to be submitted on a plot plan of the proposed subdivision or development:

- | | |
|--|--|
| a. Location of all soil profiles and percolation tests. | i. Surface waters. |
| b. Slope at each test area. | j. Wetlands – from National Wetland Inventory Mapping and USDA Hydric Soils Mapping. |
| c. Soil types and boundaries. | k. Floodplain or floodprone area soils, floodways (Federal Flood Insurance Mapping). |
| d. Existing and proposed streets, roadways, access roads, etc. | l. Designated open space areas. |
| e. Lot lines and lot sizes. | m. Remaining acreage under the same ownership and contiguous lots. |
| f. Existing and proposed rights-of-way. | n. Existing onlot or sewerage systems; pipelines, transmission lines, etc., in-use or abandoned. |
| g. Existing and proposed drinking water supplies for proposed and contiguous lots. | o. Prime agricultural land. |
| h. Existing buildings. | 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, Section Q, Component 4 and instructions for additional information).

3. SOILS INFORMATION

- Attach copies of "Site Investigation and Percolation Test Report" (3800-FM-WSFR0290A) (formerly known as "Appendix A") form(s) for the proposed subdivision.
- Marginal conditions for long-term onlot sewage disposal ☐ are, ☒ are not present. See marginal conditions information in Sections H and Q and in attached instructions.
- 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.

4. WETLAND PROTECTION

YES NO

- a. ☐ ☒ Are there wetlands in the project area? If yes, ensure these areas appear on the plot plan as shown in the mapping or through on-site delineation.
- b. ☐ ☒ Are there any construction activities (encroachments, or obstructions) proposed in, along, or through the wetlands? If yes, identify any proposed encroachments on wetlands and identify whether a General Permit or a full encroachment permit will be required. If a full permit is required, address time and cost impacts on the project. Note that wetland encroachments should be avoided where feasible. Also note that a feasible alternative **MUST BE SELECTED** to an identified encroachment on an exceptional value wetland as defined in Chapter 105. Identify any project impacts on streams classified as HQ or EV and address impacts of the permitting requirements of said encroachments on the project.

5. PRIMARY AGRICULTURAL LAND PROTECTION

YES NO

- ☐ ☒ Will the project involve the disturbance of prime agricultural lands?

If yes coordinate with local officials to resolve any conflicts with the local prime agricultural land protection program. The project must be consistent with such municipal programs before the sewage facilities planning module package may be submitted to DEP.

If no, prime agricultural land protection is not a factor to this project. Proceed to G.6.

- ☒ ☐ Is this project consistent with the municipal prime agricultural land protection program.

6. HISTORIC PRESERVATION ACT

YES NO

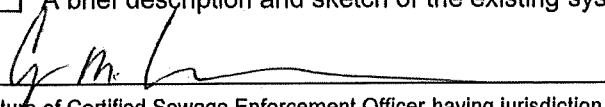
- a. ☐ ☒ Sufficient documentation is attached to confirm that this project is consistent with DEP Technical Guidance 012-0700-001 *Implementation of the PA State History Code* (available online at the DEP Web site at www.depweb.state.pa.us select "subject" then select "technical guidance"). As a minimum this includes copies of the completed Cultural Resources Notice (CRN), a return receipt for its submission to the PHMC and the PHMC review letter.

H. SEWAGE ENFORCEMENT OFFICER ACTION (See Section H of attached instructions)

- 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.
- 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 Unit/acre.
 - ☐ Proposed use of a community onlot disposal system or system serving commercial, industrial or institutional uses.

3. Residual Tract Facilities (For use only when there is an existing onlot disposal system on the residual tract)

- ☒ I have inspected the lot on which the existing building and existing onlot disposal 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. (Required)
- ☒ 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 onlot disposal system should be drawn from this acknowledgement. (Required)
- ☐ A brief description and sketch of the existing system and site is attached. (Optional)


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

3994

Certification #

Date

2/14/20

I. ALTERNATIVE SEWAGE FACILITIES ANALYSIS (See Section I of attached instructions)

This analysis consists of a narrative that will support the chosen sewage disposal method by comparing it to methods already in use in the area or to any other available method. Attach the narrative to the package and title it **Alternative Analysis**. The narrative should describe:

1. the chosen sewage disposal method, and whether the method is interim (to be replaced within 5 years) or ultimate (will serve the development beyond 5 years). Also provide the number of lots or EDU's that will be served.

I. ALTERNATIVE SEWAGE FACILITIES ANALYSIS (Continued) (See Section I of attached instructions)

2. the types of land uses adjacent to the project area (agricultural, residential, commercial etc.) and the type of sewage disposal method serving each of those land uses.
3. if the sewage facilities described in (2) are in need of improvement due to high rates of onlot malfunction or overloaded public sewers.
4. the sewage disposal method indicated for the development area in the municipality's Official Sewage Facilities Plan. (Such as: onlot disposal systems, public sewers, etc.).
5. existing and/or proposed sewage management program(s) in the area and/or any other municipal options necessary to satisfy the requirements of section(s) 71.72 or 71.73 including the provisions of the selected option.
6. potential alternative sewage disposal methods that are available for the project.
7. why the proposed disposal method was chosen over the alternative methods discussed.
8. who will be the owner of the facility, and who will be responsible for operation and maintenance of the facility.
9. any other information that the developer feels will support the chosen disposal method.

Complete the following sections (J, K, L and/or M) if indicated ☒.

If none are indicated, go directly to Section N.

☒ **J. PROTECTION OF RARE, ENDANGERED OR THREATENED SPECIES**
(See Section J 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 REM"

O. PUBLIC NOTIFICATION REQUIREMENT (Continued)

11. ☐ ☒ Will sewage facilities discharge into high quality or exceptional value waters?
- ☐ Attached is a copy of:
- ☐ the public notice,
 - ☐ all comments received as a result of the notice,
 - ☐ the municipal response to these comments.
- ☐ No comments were received. A copy of the public notice is attached.

P. FALSE SWEARING STATEMENT (See Section P of attached instructions)

The individual performing the tests and field evaluations necessary to complete **Section G** must provide the information below and sign the false swearing statement found to the right.

Cory M. Warner

Name (Print)

Sewage Enforcement Officer

Title

2643 Gateway Drive, Suite #2, State College, PA 16801

Address

(814) 231-3056

Telephone Number

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

C. M. Warner #3994 2/14/20
Signature Date

Check One:

- ☒ The individual conducting these tests is a Sewage Enforcement Officer authorized to perform this work under a fee schedule established by the municipality.
- ☐ The individual conducting these tests is not a Sewage Enforcement Officer employed by the local agency in which this development is located.

The individual completing the rest of the component must provide their name, title, address, telephone number and sign the false swearing statement found to the right.

Hawbaker Engineering, LLC - Robert E. Myers

Name (Print)

Project Manager

Title

1952 Waddle Road, Suite 201, State College, PA 16803

Address

(814) 272-0786

Telephone Number

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 in this component are made subject to the penalties of 18 PA C.S.A. §4904 relating to unsworn falsification to authorities.

- ☐ A waiver of the planning requirements is requested for the residual tract of this subdivision. The requirements of Section G.2 of the instructions have been met.

Robert E. Myers 2/14/20
Signature Date

Q. MUNICIPAL ACTIONS (Marginal conditions, Residual Tract Walver and/or O&M option)
(See Section Q of attached instructions)

This section is to be completed by the municipality if marginal conditions have been identified on the project site and/or if a waiver of the planning requirements has been requested for the residual tract of the subdivision and/or if an assurance of long term operation and maintenance is required by Section 71.72. If none of these conditions are met, do not complete this section.

1. ☐ 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 Q of the instructions is attached.

2. ☐ 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.

3. ☐ The **option** selected to assure long-term proper operation and maintenance, required by Title 25, PA Code, Section 71.72, for the proposed DEP permitted non-municipal sewage facility or local agency permitted community onlot sewage system is clearly identified and attached.

Denise Gembusia, Secretary

Chairperson or Secretary of Governing Body

Denise Gembusia 10/8/2020

Signature

Date

Halfmoon Township

Municipality Name

1948 Halfmoon Valley Road

Address

Port Matilda, PA 16870

Address

(Area Code) Telephone No. (814) -6929800

R. PLANNING MODULE REVIEW FEE (See Section R of attached 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 the 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 the Department receives the correct review fee from me for the project.

R. PLANNING MODULE REVIEW FEE cont'd. (See Section R of attached Instructions)

- ☐ 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 \$ _____ payable to "**Commonwealth of PA, DEP**". **Include DEP code number on check.** I understand the Department will not begin review of my project unless it receives the fee and determines the fee is correct. If the fee is incorrect, The Department will return my check or money order, send me an invoice for the correct amount. I understand the Department's 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 Centre CountyDeed Volume _____ Book Number 405Page Number 197 Date Recorded June 9th, 1981

Formula:

_____ Lots (or EDUs) X \$30.00 = \$ _____

- Note: (1) To calculate the review fee for any project, use the number of lots created or the whole number of project equivalent dwelling units (EDU), (whichever is greater) 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".
- (3) In all projects, the minimum sewage flow per lot is equal to 400 gallons per day (GPD) and represents a generic three-bedroom house on each lot. Projects that knowingly propose houses larger than the generic three-bedroom unit allow for the increased sewage flows from these larger units by adding 100 gallons per day for each additional bedroom in the house to this initial 400 GPD figure. The resulting project flow is in excess of the minimum 400 GPD for each lot created and must be converted into equivalent dwelling units (EDU) in order to correctly calculate the review fee. See note 4.
- (4) To determine the total number of EDUs for a project, first determine the total project flow by adding together the flow from each proposed lot. Divide this total project flow by 400 GPD and, if it is greater than the number of lots being proposed, enter this greater figure in the above formula.

Elwood L. Selfert

Developer Name (Print)

Elwood L. Selfert

Signature

1/26/2020

Date

STOP - CALL BEFORE YOU DIG!
 PENNSYLVANIA LAW REQUIRES
 THREE WORKING DAYS NOTICE
 Pennsylvania One Call System, Inc.
 1-800-242-1776

COMPLETENESS CHECKLIST

The individual completing the component should use the checklist below to assure that all items are included in the planning module package. The municipality should confirm that the required items have been included within 10 days of receipt, and if complete, sign and date the checklist.

ALL ONLOT/RETAINING TANK PROPOSALS

- ☒ Name and address of land development project
- ☒ USGS 7.5 minute topographic map with the development area plotted
- ☒ Project narrative
- ☐ Letter of intent to serve the project from the public water supplier (if applicable) (Not Applicable)
- ☒ Alternative analysis narrative
- ☐ Proof of public notification (if applicable) (Not Applicable)
- ☒ Plot plan of project with all required information
- ☒ A Site Investigation and Percolation Test Report forms for each soil profile examination and percolation test performed
- ☐ Preliminary Hydrogeology (if applicable) (Not Applicable)
- ☐ Permeability Testing (if applicable) (Not Applicable)
- ☐ Detailed Hydrogeology (if applicable) (Not Applicable)
- ☒ Sewage Enforcement Officer's signature
- ☒ Soils information preparer's signature
- ☒ Completed Component 4 (Planning Agency Review) for each existing planning agency and health department

Projects proposing holding tanks or privies are required to provide the following additional information.

HOLDING TANKS (Not Applicable)


- ☐ Copies of all ordinances, regulations, and/or restrictions governing holding tank maintenance
- ☐ Copy of the replacement method implementation schedule
- ☐ Copy of the financial assurances description for the replacement sewage disposal method
- ☐ Name of the tank cleaner/hauler
- ☐ Name and permit number of the disposal site
- ☐ Disposal site approval for holding tank contents disposal

PRIVIES (Not Applicable)

- ☐ Site Investigation and Percolation Test Report forms for all soil profiles and percolation tests
- ☐ Copies of ordinances, regulations, and/or restrictions for replacement of privies
- ☐ Disposal site approval for retaining tank contents disposal

MUNICIPAL ACTION

- ☒ Component 2, with SEO signature
- ☒ Component 4, planning agency comments and responses to those comments
- ☐ Proof of public notification (Not Applicable)
- ☐ Comments and responses generated by public notification (Not Applicable)
- ☒ Transmittal letter


Signature of Municipal Official

8 October 2020
Date Submittal Determined Complete

COMPONENT 4A & 4B
DEP PLANNING MODULE



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

DEP Code #:

20-022

SEWAGE FACILITIES PLANNING MODULE
COMPONENT 4A - MUNICIPAL PLANNING AGENCY REVIEW

Note to Project Sponsor: To expedite the review of your proposal, one copy of your completed planning module package and one copy of this *Planning Agency Review Component* should be sent to the local municipal planning agency for their comments.

SECTION A. PROJECT NAME (See Section A of instructions)

Project Name

Elwood L. Seifert Subdivision

SECTION B. REVIEW SCHEDULE (See Section B of instructions)

1. Date plan received by municipal planning agency 2/4/20202. Date review completed by agency 2/21/2020

SECTION C. AGENCY REVIEW (See Section C of instructions)

- | Yes | No | |
|-------------------------------------|-------------------------------------|---|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 1. Is there a municipal comprehensive plan adopted under the Municipalities Planning Code (53 P.S. 10101, <i>et seq.</i>)? <u>multimunicipal plan</u> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 2. Is this proposal consistent with the comprehensive plan for land use?
If no, describe the inconsistencies _____ |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3. Is this proposal consistent with the use, development, and protection of water resources?
If no, describe the inconsistencies _____ |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 4. Is this proposal consistent with municipal land use planning relative to Prime Agricultural Land Preservation? |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 5. Does this project propose encroachments, obstructions, or dams that will affect wetlands?
If yes, describe impacts _____ |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 6. Will any known historical or archaeological resources be impacted by this project?
If yes, describe impacts _____ |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 7. Will any known endangered or threatened species of plant or animal be impacted by this project?
If yes, describe impacts <u>PFBC recommends conservation measures</u> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 8. Is there a municipal zoning ordinance? |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 9. Is this proposal consistent with the ordinance?
If no, describe the inconsistencies <u>Septic Area located within required stream buffer.</u> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 10. Does the proposal require a change or variance to an existing comprehensive plan or zoning ordinance? <u>Couldn't be approved without a variance.</u> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 11. Have all applicable zoning approvals been obtained? <u>will be prior to rezoning</u> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 12. Is there a municipal subdivision and land development ordinance? |

SECTION C. AGENCY REVIEW (continued)

Yes

No

☐☒

13. Is this proposal consistent with the ordinance?

If no, describe the inconsistencies Access needs direct access to public road☒☐14. Is this plan consistent with the municipal Official Sewage Facilities Plan? *waiver request submitted

If no, describe the inconsistencies _____

☐☒

15. Are there any wastewater disposal needs in the area adjacent to this proposal that should be considered by the municipality?

If yes, describe _____

☐☒

16. Has a waiver of the sewage facilities planning requirements been requested for the residual tract of this subdivision?

☐

NA

☐

If yes, is the proposed waiver consistent with applicable ordinances?

If no, describe the inconsistencies _____

17. Name, title and signature of planning agency staff member completing this section:

Name: Corey RilkTitle: Senior PlannerSignature: Corey RilkDate: 2/24/2020Name of Municipal Planning Agency: Centre Regional Planning AgencyAddress: 2643 Gateway Drive, State College, PA 16801Telephone Number: 814-231-3050**SECTION D. ADDITIONAL COMMENTS (See Section D of instructions)**

This component does not limit municipal planning agencies from making additional comments concerning the relevancy of the proposed plan to other plans or ordinances. If additional comments are needed, attach additional sheets.

The planning agency must complete this component within 60 days.

This component and any additional comments are to be returned to the applicant.



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

DEP Code #:
20-022

**SEWAGE FACILITIES PLANNING MODULE
COMPONENT 4B - COUNTY PLANNING AGENCY REVIEW**

(or Planning Agency with Areawide Jurisdiction)

Note to Project Sponsor: To expedite the review of your proposal, one copy of your completed planning package and one copy of this *Planning Agency Review Component* should be sent to the county planning agency or planning agency with areawide jurisdiction for their comments.

SECTION A. PROJECT NAME (See Section A of instructions)

Project Name

Elwood L. Seifert Subdivision - Revised Tract A1 & Tract A1-1

SECTION B. REVIEW SCHEDULE (See Section B of instructions)

1. Date plan received by county planning agency 2/4/20
2. Date plan received by planning agency with areawide jurisdiction 2/4/20
Agency name Centre Regional Planning Agency
3. Date review completed by agency 2/5/20

SECTION C. AGENCY REVIEW (See Section C of instructions)

Yes No

- ☒ ☐ 1. Is there a county or areawide comprehensive plan adopted under the Municipalities Planning Code (53 P.S. 10101 et seq.)? Centre Region Comp Plan
- ☒ ☐ 2. Is this proposal consistent with the comprehensive plan for land use?
- ☒ ☐ 3. Does this proposal meet the goals and objectives of the plan?
If no, describe goals and objectives that are not met _____
- ☒ ☐ 4. Is this proposal consistent with the use, development, and protection of water resources?
If no, describe inconsistency _____
- ☒ ☐ 5. Is this proposal consistent with the county or areawide comprehensive land use planning relative to Prime Agricultural Land Preservation?
If no, describe inconsistencies: _____
- ☐ ☒ 6. Does this project propose encroachments, obstructions, or dams that will affect wetlands?
If yes, describe impact _____
- ☐ ☒ 7. Will any known historical or archeological resources be impacted by this project?
If yes, describe impacts _____
- ☐ ☒ 8. Will any known endangered or threatened species of plant or animal be impacted by the development project?
If yes, describe impacts PFBC recommends conservation efforts
- ☐ ☒ 9. Is there a county or areawide zoning ordinance?
- ☐ ☒ 10. Does this proposal meet the zoning requirements of the ordinance?
If no, describe inconsistencies _____

SECTION C. AGENCY REVIEW (continued)

Yes No

- ☐ NA ☒ 11. Have all applicable zoning approvals been obtained?
- ☒ ☐ 12. Is there a county or areawide subdivision and land development ordinance?
- ☐ NA ☐ 13. Does this proposal meet the requirements of the ordinance? *municipal ordinances supersede*
If no, describe which requirements are not met _____
- ☒ ☐ 14. Is this proposal consistent with the municipal Official Sewage Facilities Plan?
If no, describe inconsistency _____
- ☐ ☒ 15. Are there any wastewater disposal needs in the area adjacent to this proposal that should be considered by the municipality?
If yes, describe _____
- ☐ ☒ 16. Has a waiver of the sewage facilities planning requirements been requested for the residual tract of this subdivision?
If yes, is the proposed waiver consistent with applicable ordinances.
If no, describe the inconsistencies _____
- ☐ ☒ 17. Does the county have a stormwater management plan as required by the Stormwater Management Act? *Spring Creek watershed plan*
If yes, will this project plan require the implementation of storm water management measures?
18. Name, Title and signature of person completing this section:
Name: Mark Boeckel
Title: Principal Planner
Signature: [Signature]
Date: 2-21-20
Name of County or Areawide Planning Agency: Centre Regional Planning Agency
Address: 2643 Gateway Dr. State College, PA 16801
Telephone Number: 814-231-3050

SECTION D. ADDITIONAL COMMENTS (See Section D of instructions)

This component does not limit county planning agencies from making additional comments concerning the relevancy of the proposed plan to other plans or ordinances. If additional comments are needed, attach additional sheets.

The county planning agency must complete this component within 60 days.

This component and any additional comments are to be returned to the applicant.

CENTRE REGION COUNCIL OF GOVERNMENTS COMMENTS



CENTRE REGION CODE ADMINISTRATION

2643 Gateway Drive, Suite #2
State College, PA 16801
814-231-3056
814-231-3088 FAX
www.centreregioncode.org

February 12, 2020

Halfmoon Township Supervisors
1948 Halfmoon Valley Road
Port Matilda, Pa 16870

Re: Elwood Seifert Sub Division 17-4-14E

Dear Supervisors,

I have reviewed the aforementioned Subdivision/Land Development Plan as revised and this letter constitutes my comments.

This plan meets the Halfmoon Township requirements pertaining to onlot sewage disposal.

If any changes are made to this plan after the date of this review and prior to submission to D.E.P., I will need to do another review.

Sincerely,

Cory Warner
Sewage Enforcement Officer, CRCA

CC: Robert E. Myers, Hawbaker Engineering

PROJECT NARRATIVE

Project Narrative

Elwood L. Seifert owns a 17+ acre tract of land located in Halfmoon Township, Centre County. His wife Kathleen, passed away on July 3, 2012. The tract consists of a house, shed and other outbuildings. The existing parcel has its own individual well and own absorption area. Soil testing has been completed to support a replacement site for the existing absorption area. The owner wishes to subdivide the tract of land into a total of two (2) lots. All of the existing building will remain on one of the lots and no alterations or removing of the buildings is necessary as part of this project. The landowner who resides in the existing house will retain the lot containing the existing buildings while selling the newly create vacant lot. Soils testing for both primary and replacement sites have been completed on the one (1) lot to allow for an individual on-lot sewage disposal system. The newly created lot will have its own individual water wells.

ALTERNATIVE ANALYSIS

1. Describe the chosen disposal method, its location, the daily flow proposed and if the method is an interim method (to be replaced by the ultimate method in 5 years or less), or is an ultimate method (to serve the development in the long term, for 5 years or more). Also provide the number of lots or EDU's that will be served.

Individual on-lot sewage disposal systems were chosen to treat sewage generated by this proposal. The subdivision will consist of a total of 2 lots. Tract A-1 containing the existing house already has its own private individual on-lot sewage disposal system. Individual on-lot sewage systems will need to be constructed on the one (1) remaining lot based off the projected flows. The total subdivision will be for 2 EDU or 800 gallons per day assuming 400 gallons per day per EDU.

2. Describe the types of land uses adjacent to the project area (Agricultural, Residential, Commercial etc.) and the type of sewage disposal method serving each of those land uses. Properties adjacent to the project must be described by indicating present land uses and zoning designations. Describe the sewage disposal methods being used for each of those adjacent land uses (on-lot, municipal treatment, etc.) and if those methods are intended for interim or ultimate use.

The proposed project is surrounded by rural properties. The property to the north is vacant with no house while the remaining lots around the properties are residential. There is a farm along the southern boundary of this parcel. All lots are served by individual on-lot septic systems. Public sewer is not available in the area.

3. Indicate if the sewage facilities described in (2) are in need of improvement due to high rates of on-lot malfunction or overloaded public sewers. Is there a potential for a combined public/private project?

We are not aware nor has the township made us aware of any malfunctioning on-lot sewage disposal systems adjacent to this proposal.

4. Determine and indicate what sewage disposal method that is proposed for the development area in the municipality's Official Sewage Facilities Plan (such as: on-lot disposal systems, public sewers, etc.).

This area of the township is designated as using an on-lot disposal system to dispose of sewage generated on the parcel.

5. Describe any existing sewage management program(s) in the area, and/or any sewage management program(s) that this project would be required to participate in, and that program's requirements. When the alternative analysis includes the potential construction of DEP-permitted non-municipal sewage treatment facilities, or a community on-lot sewage system permitted by a local agency, the municipality is required to implement a sewage management program that must include one of the management options outlined in Title 25, Pennsylvania Code, §71.72 (available at www.pacode.com). These options range from financial assurances to municipal ownership of the facility. The applicant should describe which option will be proposed, how it will be implemented, and why it was chosen over the other methods outlined in §71.72. Details of the chosen option must be included.

Halfmoon Township mandates all system have a routine inspection once every six (6) years based on Chapter 181 Sewers and Sewage Disposal of their code of ordinances. This ordinance also mandates that the septic tank be pumped once every three (3) years. Receipts from the pumper/hauler shall be submitted to Halfmoon Township or its authorized agent within 30 days of the date of pumping.

6. Describe any potential alternative sewage disposal methods that are available for the project. Consider all reasonable possibilities for sewage disposal, such as a stream discharge or an alternate method of land disposal. The municipality delegated local agency or DEP may also require consideration of particular types of sewage disposal methods in the analysis.

Tying into public sewer is not a viable option due to the distance from the site, several miles. Holding tanks are not an option for residential properties. Small Flow Sewage Treatment facilities are only permitted if on-lot systems cannot be used.

7. Describe why the proposed method was chosen over any of the other methods described in the alternatives analysis. Environmental, administrative, and financial concerns may be addressed. Also indicate how the chosen method will guarantee adequate sewage disposal for the development in both the short-term (up to 5 years) and long-term (beyond 5 years) by describing the adequacy of the proposed facilities (organic and hydraulic loading) and the ability of the facility to accept additional flows or loads.

In this area individual on-lot sewage disposal systems have been used to handle the disposal of sewage with minimal if any issue through the life of the system. This disposal method is the most economical system treatment option that is available in the rural area.

8. Indicate who will be the owner of the facility, and who will be responsible for operation and maintenance of the facility.

To assure adequate long-term sewage disposal for the project, the disposal system must be properly operated and maintained. The applicant must indicate in the analysis who will be the owner of the facility and who will be responsible for the operation and maintenance of the facility. This may be a private individual, a municipality, a sewer authority or a management agency; however, the ultimate responsibility lies with the municipality. The delegated local agency or DEP may require a more extensive analysis of the available choices relative to ownership and operation of the facility. If the project will be required to participate in an EXISTING municipal sewage management program, or if a sewage management program is to be created, describe the program's requirements. Sewage management programs can consist of requirements for tank pumping, ordinances requiring maintenance of systems, or financial arrangements (fees, taxes, etc.) guaranteeing long-term operation of the treatment facilities.

The individual lot owners will own and maintain the systems after they have been constructed, however as part of the Halfmoon Township ordinances, the septic tank will need to be pumped once every three (3) years and a routine inspection of each sewage disposal system will be schedule one every six (6) years to assure the proper function of the system.

9. Finally, the applicant may use the narrative to describe any special considerations or provide any additional information that supports the choice of disposal method. The alternative analysis must be attached to the planning module package for review by the municipality and approving agency.

No special considerations for this project.

PNDI DATABASE SEARCH RESULT

1. PROJECT INFORMATION

Project Name: **Elwood L. Seifert Subdivision**

Date of Review: **2/6/2020 10:35:32 AM**

Project Category: **Development, Residential, subdivision which will contain 1-2 lots with 1-2 single family living units**

Project Area: **17.55 acres**

County(s): **Centre**

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

ZIP Code: **16870**

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

Watersheds HUC 8: **Upper Juniata**

Watersheds HUC 12: **Halfmoon Creek**

Decimal Degrees: **40.781177, -78.048614**

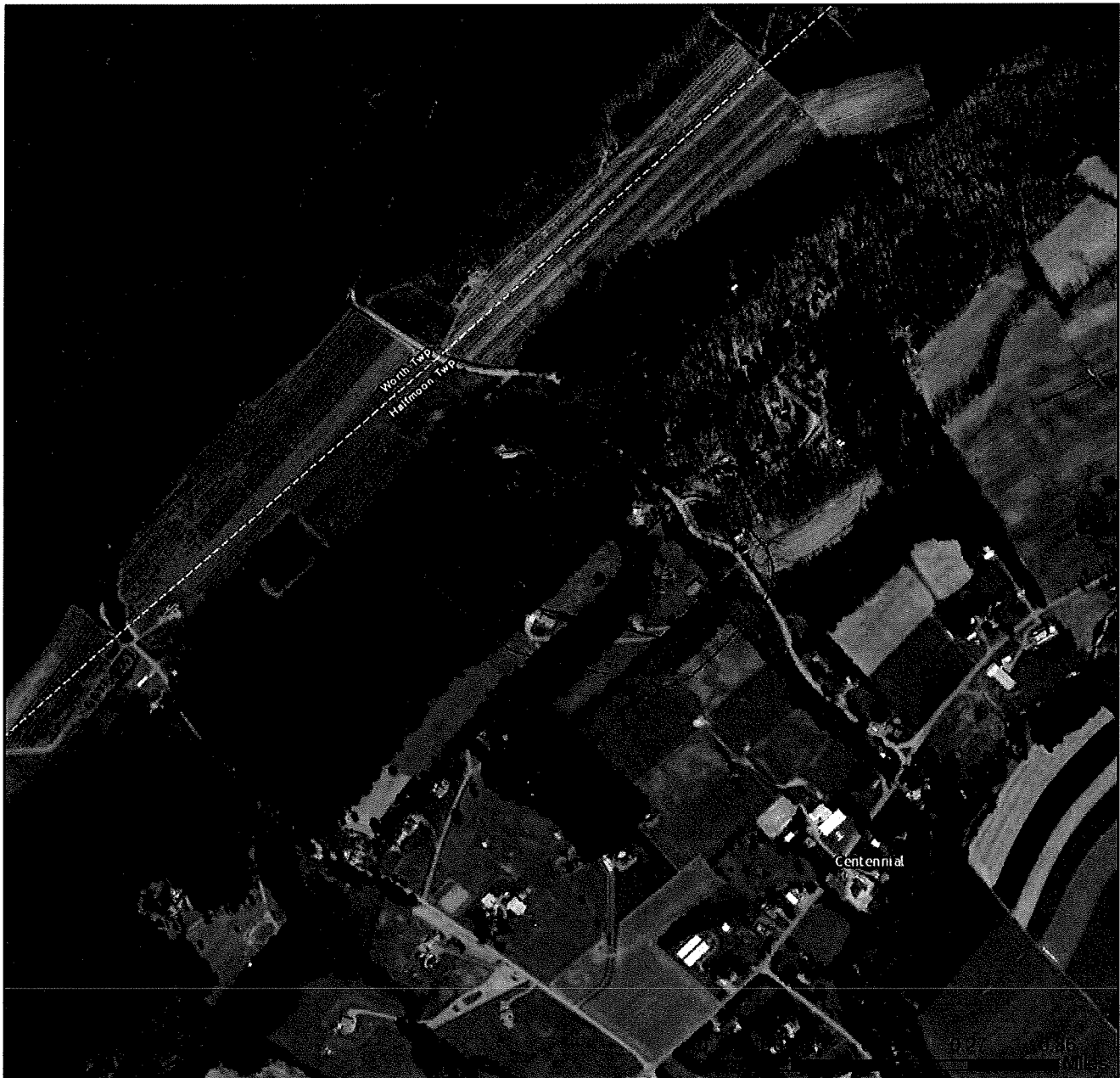
Degrees Minutes Seconds: **40° 46' 52.2385" N, 78° 2' 55.107" W**

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

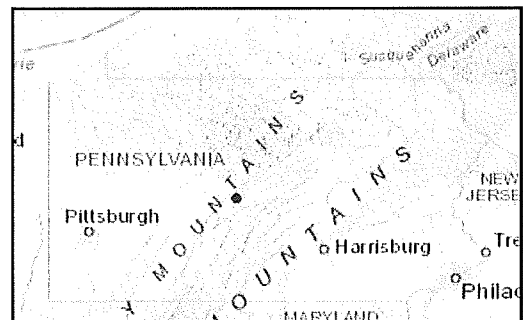
Pennsylvania Natural Diversity Inventory (PNDI) records indicate that while threatened and endangered and/or special concern species and resources are in the project vicinity and that recommended Conservation Measures should be implemented in their entirety to avoid and minimize impacts to these species, 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.

Elwood L. Seifert Subdivision

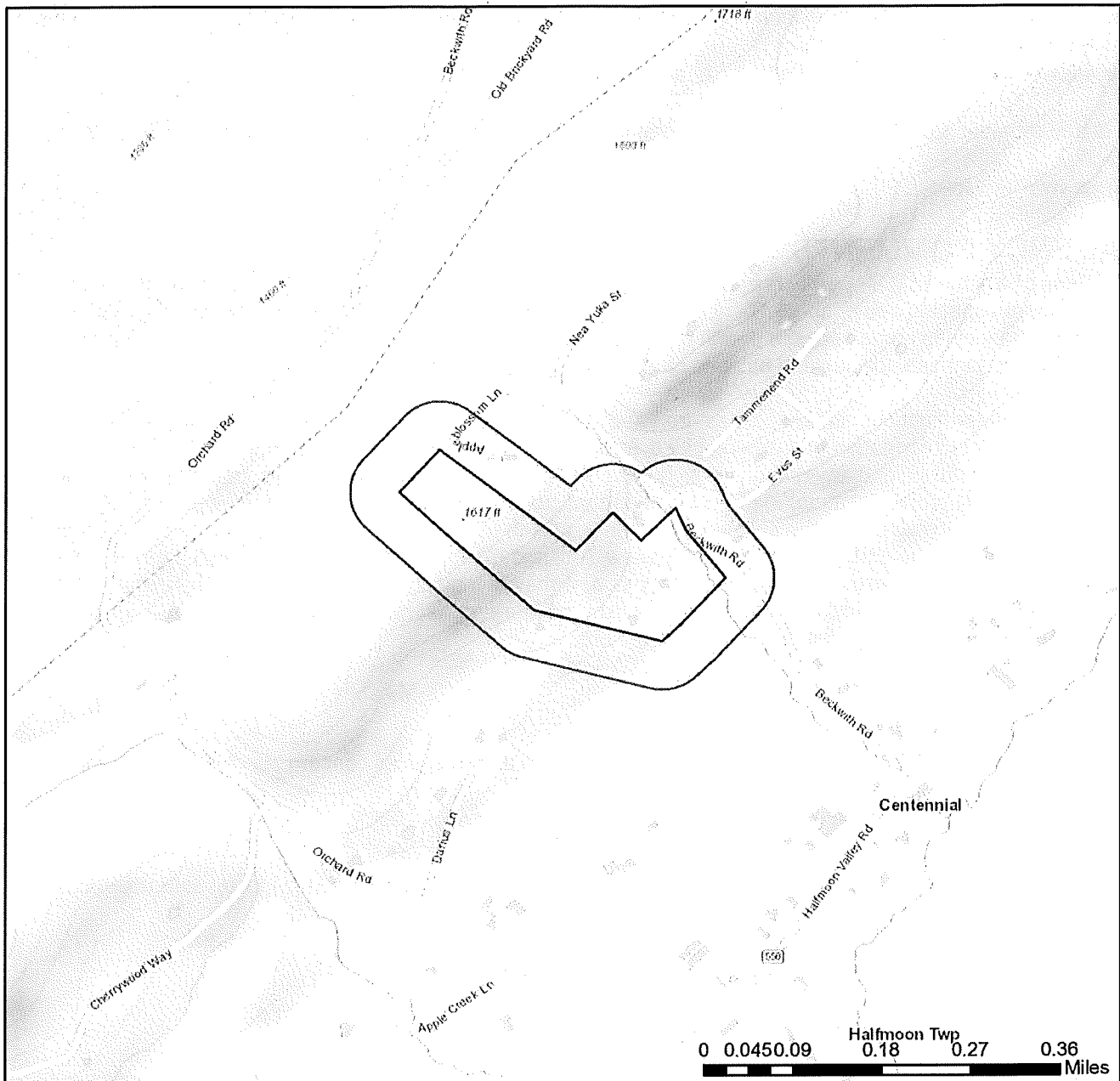


- ☐ Project Boundary
- ☐ Buffered Project Boundary

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

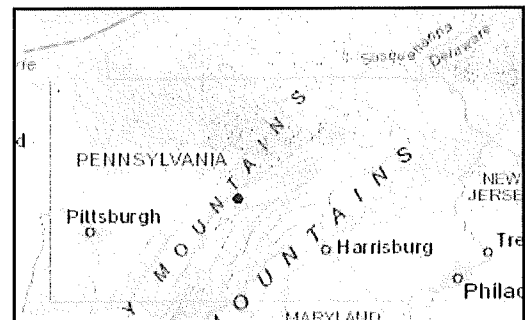


Elwood L. Seifert Subdivision



- ☐ Project Boundary
- ☐ Buffered Project Boundary

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



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: The project will affect 1 to 39 acres of forests, woodlots and trees.

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: Projects conducted in the occupied range of the timber rattlesnake (*Crotalus horridus*) have a high risk of encountering this species during construction.

1) Workers responsible for implementing this project should be advised that timber rattlesnakes may be encountered and that avoidance is the best means of minimizing risks to personal safety. It is suggested that safety protocols be implemented for timber rattlesnake encounters and workers should be advised that the timber rattlesnake is a state protected species and is not to be harmed. Killing of timber rattlesnakes is prohibited by the Commission pursuant to 58 Pa. Code Section 79.6.

2) We recommend that a timber rattlesnake habitat assessment be conducted in the project area by a qualified timber rattlesnake surveyor in order to assist project planners in avoiding disturbance of critical habitat. A list of qualified surveyors and habitat assessment protocol can be found here.

- See <http://www.fishandboat.com/Resource/AmphibiansandReptiles/Pages/TimberRattlesnakeConservation.aspx> for a list of Qualified Timber Rattlesnake Surveyors

- See <http://www.fishandboat.com/Resource/AmphibiansandReptiles/Pages/TimberRattlesnakeConservation.aspx> for the Timber Rattlesnake Habitat Protocol

3) If potential den (over-wintering) habitat is located during the habitat assessment, we recommend that the project be modified to avoid direct impacts to this irreplaceable habitat, or a Timber Rattlesnake Presence-Absence Survey of potential den (over-wintering) habitat be conducted in the habitats that are currently slated for direct disturbance to determine the presence or absence of rattlesnake hibernacula in the project area. Survey reports should be sent to PFBC for review and consultation. This information is necessary to allow PFBC to formulate recommendations to avoid adverse impacts to this species of special concern.

- See <http://www.fishandboat.com/Resource/AmphibiansandReptiles/Pages/TimberRattlesnakeConservation.aspx> for the Timber Rattlesnake Presence-Absence Survey Protocol

4) If potential or occupied gestation habitat is located during the habitat assessment and cannot be avoided by the proposed development, we recommend that this habitat be replaced using our habitat creation guidelines.

- See <http://www.fishandboat.com/Resource/AmphibiansandReptiles/Pages/TimberRattlesnakeConservation.aspx> for the PFBC Gestation Habitat Creation Guidelines

5) Tree clearing and timbering within potential timber rattlesnake critical habitats (135°-275° aspect, >10% slope) should be conducted from October 16 to April 14 in order to avoid encounters with timber rattlesnakes.

6) For the safety of workers and snakes, the Commission recommends that a PFBC permitted timber rattlesnake biologist who has the proper skills to handle this venomous species be on-site prior to and during construction, between April 15 and October 15, to inspect and clear the area (including staging areas and access roads) of timber rattlesnakes and to capture and remove any rattlesnakes that may interfere with work activities.

See <http://www.fishandboat.com/Resource/AmphibiansandReptiles/Pages/TimberRattlesnakeConservation.aspx> for the Monitoring Guidelines

7) If concerns arise during construction over high numbers of snake encounters or habitat alteration, please contact the PFBC at 814-359-5237 for consultation with our biologists.

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
Sensitive Species**		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

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

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

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: Canissa Butler
Company/Business Name: Hawbaker Engineering
Address: 1952 Waddle Rd
City, State, Zip: State College PA 16803
Phone: (814) 237 1444 Fax: (814) 272 2440
Email: cmb @ 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.

Can B
applicant/project proponent signature

2/6/2020
date

**PENNSYLVANIA HISTORICAL & MUSEUM COMMISSION
STATE HISTORIC PRESERVATION OFFICE
PROJECT REVIEW FORM
(FORMERLY CULTURAL RESOURCE NOTICE)**

**COMPONENT 2 PLANNING MODULE
ELWOOD L. SEIFERT SUBDIVISION**



Pennsylvania
Historical & Museum
Commission

PROJECT REVIEW FORM

Request to Initiate SHPO Consultation on State and Federal Undertakings

SHPO USE ONLY

Reviewers: ____/____

DATE RECEIVED:

DATE DUE:

ER NUMBER:

HRSF: _____

REV: 06/2018

SECTION A: PROJECT NAME & LOCATION

Is this a new submittal? ☒ YES ☐ NO OR ☐ This is additional information for ER Number:

Project Name Elwood L. Seifert Subdivision County Centre Municipality Halfmoon Township

Project Address 50 Kay Ty Lane City/State/ Zip Port Matilda PA 16870

SECTION B: CONTACT INFORMATION & MAILING ADDRESS

Name Robert E. Myers Phone (814) 272-0786
Company Hawbaker Engineering, LLC Fax (814) 272-2440
Street/PO Box 1952 Waddle Road, Suite 201 Email rem2@hawbakerengineering.com
City/State/Zip State College PA 16803

SECTION C: PROJECT DESCRIPTION

This project is located on:
(check all that apply) ☐ Federal property ☐ State property ☐ Municipal property ☒ Private property

List all federal and state agencies and programs providing funds, permits, licenses.	Agency Type	Agency/Program/Permit Name	Project/Permit/Tracking Number (if applicable)
	State	PA DEP	Component 2 Planning Module

Proposed Work – Attach project description, scope of work, site plans, and/or drawings

Project includes (check all that apply): ☒ Construction ☐ Demolition ☐ Rehabilitation ☒ Disposition

Total acres of project area: 17.2 Total acres of earth disturbance: 2

Are there any buildings or structures within the project area? ☒ Yes ☐ No Approximate age of buildings: 1985

Does this project involve properties listed in or eligible for the National Register of Historic Places, or designated as historic by a local government? Yes No Unsure Name of historic property or historic districts

Please print and mail completed form and all attachments to:

PHMC
State Historic Preservation Office
400 North St.
Commonwealth Keystone Building, 2nd Floor
Harrisburg, PA 17120-0093

Attachments – Please include the following information with this form

- ☒ Map – 7.5' USGS quad showing project boundary and Area of Potential Effect
- ☒ Description/Scope – Describe the project, including any ground disturbance and previous land use
- ☒ Site Plans/Drawings – Indicate past and present land use, location and dates of buildings, and proposed improvements
- ☒ Photographs – Attach prints or digital photographs showing the project site, including images of all buildings and structures keyed to a site plan

SHPO DETERMINATION (SHPO USE ONLY)

- ☐ There are NO HISTORIC PROPERTIES in the Area of Potential Effect
- ☐ The project will have NO ADVERSE EFFECTS WITH CONDITIONS (see attached)
- ☐ The project will have NO EFFECT on historic properties
- ☐ SHPO REQUESTS ADDITIONAL INFORMATION (see attached)
- ☐ The project will have NO ADVERSE EFFECTS on historic properties:

SHPO REVIEWER: _____ DATE: _____

**PENNSYLVANIA HISTORICAL & MUSEUM COMMISSION
STATE HISTORIC PRESERVATION OFFICE
PROOF OF MAILING**

**COMPONENT 2 PLANNING MODULE
ELWOOD L. SEIFERT SUBDIVISION**

7018 1830 0001 4175 5423

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT REM
Domestic Mail Only HE 20103

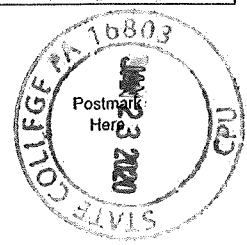
For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee	\$ 3.50
Extra Services & Fees (check box, add fee as appropriate)	
<input checked="" type="checkbox"/> Return Receipt (hardcopy)	\$ 2.80
<input type="checkbox"/> Return Receipt (electronic)	\$
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$
Postage	\$ 1.90
Total Postage and Fees	\$ 8.20
Sent To	
Street and Apt. No., or PO	
City, State, ZIP+4®	

PHMC
State Historic Preservation Office
400 North Street
Commonwealth Keystone Building, 2nd Floor
Harrisburg, PA 17120-0093

PS Form 3800, April 20



SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY																	
<ul style="list-style-type: none">■ Complete items 1, 2, and 3.■ Print your name and address on the reverse so that we can return the card to you.■ Attach this card to the back of the mailpiece, or on the front if space permits.		<p>A. Signature X <i>A. Naik</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <i>JAN 28 2020</i> C. Date of Delivery <i>JAN 27 2020</i></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>																	
<p>1. Article Addressed to:</p> <p>PHMC State Historic Preservation Office 400 North Street Commonwealth Keystone Building, 2nd Floor Harrisburg, PA 17120-0093</p>																			
<p>2. Article Number (Transfer from service label) 7018 1830 0001 4175 5423</p>		<p>3. Service Type</p> <table border="0"><tr><td><input type="checkbox"/> Adult Signature</td><td><input type="checkbox"/> Priority Mail Express®</td></tr><tr><td><input type="checkbox"/> Adult Signature Restricted Delivery</td><td><input type="checkbox"/> Registered Mail™</td></tr><tr><td><input type="checkbox"/> Certified Mail®</td><td><input type="checkbox"/> Registered Mail Restricted Delivery</td></tr><tr><td><input type="checkbox"/> Certified Mail Restricted Delivery</td><td><input type="checkbox"/> Return Receipt for Merchandise</td></tr><tr><td><input type="checkbox"/> Collect on Delivery</td><td><input type="checkbox"/> Signature Confirmation™</td></tr><tr><td><input type="checkbox"/> Collect on Delivery Restricted Delivery</td><td><input type="checkbox"/> Signature Confirmation Restricted Delivery</td></tr><tr><td><input type="checkbox"/> Insured Mail</td><td></td></tr><tr><td><input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)</td><td></td></tr></table>		<input type="checkbox"/> Adult Signature	<input type="checkbox"/> Priority Mail Express®	<input type="checkbox"/> Adult Signature Restricted Delivery	<input type="checkbox"/> Registered Mail™	<input type="checkbox"/> Certified Mail®	<input type="checkbox"/> Registered Mail Restricted Delivery	<input type="checkbox"/> Certified Mail Restricted Delivery	<input type="checkbox"/> Return Receipt for Merchandise	<input type="checkbox"/> Collect on Delivery	<input type="checkbox"/> Signature Confirmation™	<input type="checkbox"/> Collect on Delivery Restricted Delivery	<input type="checkbox"/> Signature Confirmation Restricted Delivery	<input type="checkbox"/> Insured Mail		<input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)	
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PS Form 3811, July 2015 PSN 7530-02-000-9053

Domestic Return Receipt



**PENNSYLVANIA HISTORICAL & MUSEUM COMMISSION
STATE HISTORIC PRESERVATION OFFICE
REVIEW LETTER**

**COMPONENT 2 PLANNING MODULE
ELWOOD L. SEIFERT SUBDIVISION**



Pennsylvania
Historical & Museum
Commission

PROJECT REVIEW FORM

Request to Initiate SHPO Consultation on State and Federal Undertakings

SHPO USE ONLY

Reviewers: / /

DATE RECEIVED:

DATE DUE:

ER NUMBER:

HRSF:

2020-0707-027-A

REV: 06/2018

SECTION A: PROJECT NAME & LOCATION

Is this a new submittal? ☒ YES ☐ NO OR ☐ This is additional information for ER Number:

Project Name Elwood L. Selfert Subdivision County Centre Municipality Halfmoon Township

Project Address 50 Kay Ty Lane City/State/ Zip Port Matilda PA 16870

SECTION B: CONTACT INFORMATION & MAILING ADDRESS

Name Robert E. Myers Phone (814) 272-0786
Company Hawbaker Engineering, LLC Fax (814) 272-2440
Street/PO Box 1952 Waddle Road, Suite 201 Email rem2@hawbakerengineering.com
City/State/Zip State College PA 16803

SECTION C: PROJECT DESCRIPTION

This project is located on:
(check all that apply) ☐ Federal property ☐ State property ☐ Municipal property ☒ Private property

List all federal and state agencies and programs providing funds, permits, licenses.	Agency Type	Agency/Program/Permit Name	Project/Permit/Tracking Number (if applicable)
	State	PA DEP	Component 2 Planning Module

Proposed Work – Attach project description, scope of work, site plans, and/or drawings

Project includes (check all that apply): ☒ Construction ☐ Demolition ☐ Rehabilitation ☒ Disposition

Total acres of project area: 17.2 Total acres of earth disturbance: 2

Are there any buildings or structures within the project area? ☒ Yes ☐ No Approximate age of buildings: 1985

Does this project involve properties listed in or eligible for the National Register of Historic Places, or designated as historic by a local government?

Yes ☐ No ☐ Unsure ☒ Name of historic property or historic districts

Please print and mail completed form and all attachments to:

PHMC
State Historic Preservation Office
400 North St.
Commonwealth Keystone Building, 2nd Floor
Harrisburg, PA 17120-0093

Attachments – Please include the following information with this form

- ☒ Map – 7.5' USGS quad showing project boundary and Area of Potential Effect
- ☒ Description/Scope – Describe the project, including any ground disturbance and previous land use
- ☒ Site Plans/Drawings – Indicate past and present land use, location and dates of buildings, and proposed improvements
- ☒ Photographs – Attach prints or digital photographs showing the project site, including images of all buildings and structures keyed to a site plan

SHPO DETERMINATION (SHPO USE ONLY)

- ☒ There are NO HISTORIC PROPERTIES in the Area of Potential Effect ☐ The project will have NO ADVERSE EFFECTS WITH CONDITIONS (see attached)
- ☐ The project will have NO EFFECT on historic properties ☐ SHPO REQUESTS ADDITIONAL INFORMATION (see attached)
- ☐ The project will have NO ADVERSE EFFECTS on historic properties:

SHPO REVIEWER:

Lara Clark

DATE:

1/31/2020

MUNICIPAL ON-LOT MANAGEMENT PLAN

COMPONENT 2 PLANNING MODULE
ELWOOD L. SEIFERT SUBDIVISION

ORDINANCE 2007-4
AN ORDINANCE GOVERNING MUNICIPAL MANAGEMENT
OF INDIVIDUAL AND COMMUNITY ON-LOT SEWAGE
DISPOSAL SYSTEMS IN THE TOWNSHIP OF HALFMOON, CENTRE COUNTY, PA,
AS AMENDED

BE IT ORDAINED by the Board of Supervisors in the County of Centre and the State of Pennsylvania, as follows:

Section I. Short Title; Introduction; Purpose

A. This ordinance shall be known and may be cited as "The On-Lot Sewage Disposal Program" for Halfmoon Township.

B. As mandated by the municipal codes, the Clean Streams Law (35 P.S. §§691.1001), and the Pennsylvania Sewage Facilities Act (Act of January 24, 1966, P.L. 1535 as amended, 35 P.S. '750.1 et seq., known as Act 537), municipalities have the power and the duty to provide for adequate sewage treatment facilities and for the protection of the public health by preventing the discharge of untreated or inadequately treated sewage. The Official Sewage Facilities Plan for Halfmoon Township indicates that it is necessary to formulate and implement a sewage management program to effectively prevent and abate water pollution and hazards to the public health caused by improper treatment and disposal of sewage.

C. The purpose of this ordinance is to provide for the inspection, maintenance and rehabilitation of on-lot sewage disposal systems; to further permit the municipality to intervene in situations which are public nuisances or hazards to the public health; and to establish penalties and appeal procedures necessary for the proper administration of a sewage management program.

Section II. Definitions

Act 247: The Act of July 31, 1968, P.L. 805, No. 247, as amended, 53 P.S. Section 10101 et seq. known as the Pennsylvania Municipalities Planning Code.

Act 537: The Act of January 24, 1966, P.L. 1535 as amended, 35 P.S. '750.1 et seq known as the Pennsylvania Sewage Facilities Act.

Authorized Agent: A certified sewage enforcement officer, code enforcement officer, professional engineer, plumbing inspector, municipal secretary or any other qualified or licensed person who is delegated by the municipality to function within specified limits as the agent of the municipality to carry out the provisions of this ordinance.

Board/Council: The Board of Supervisors of Halfmoon Township, Centre County, Pennsylvania.

Codes Enforcement Officer (C.E.O.): An individual employed by the municipality to administer and enforce ordinances in the municipality.

Community On-Lot Sewage Disposal System: Any system, whether publicly or privately owned, for the collection of sewage from two or more lots or uses, or two or more equivalent dwelling units, and the treatment and/or disposal of the sewage on one or more lots or at any other site.

DEP: The Department of Environmental Protection of the Commonwealth of Pennsylvania or any successor agency.

Developer: Any person, partnership or corporation which erects or contracts to erect a building on property it owns, whether with the intent to sell the building to some other party upon its full or partial completion, or upon conveyance of property on which the building is to be built, or with the intent to continue ownership of the property.

Equivalent Dwelling Unit (EDU): For the purpose of determining the number of lots in a subdivision or land development that part of a multiple family dwelling, commercial, industrial, or institutional establishment with sewage flows equal to four hundred (400) gallons per day.

Improved Property: Any property within the municipality upon which there is erected an improvement intended for continuous or periodic habitation, occupancy or use by human beings and from which improvement sewage shall or may be discharged by any means.

Individual On-Lot Sewage Disposal System: A system of piping, tanks or other facilities serving a single lot and collecting and disposing of sewage in whole or in part into the soil or into any waters of this Commonwealth or by means of conveyance to another site for final disposal.

Land Development: A land development as identified in the Pennsylvania Municipalities Planning Code, Act of July 31, 1968, P.L. 805, No. 247, as amended, 53 P.S. Section 10101 et seq.

Lot: A designated parcel, tract or area of land established by a plot or otherwise as permitted by law and to be used, developed or built upon as a unit.

Malfunction: The condition which occurs when an on-lot sewage disposal system causes pollution to ground or surface waters, contamination of private or public drinking water supplies, nuisance problems or hazard to public health. Indications of malfunctioning systems include, but are not limited to foul odors, lush grass growing over the system, backup of wastewater in the attached buildings, soggy ground over the system, surfacing sewage effluent flowing over the ground and occurring at any time of the year.

Management Program: The management program shall encompass individual and community on-lot sewage disposal systems which discharge into the soils of the municipality. All systems shall be operated under the jurisdiction of the municipal governing body and other applicable laws of the Commonwealth of Pennsylvania.

Municipality: Halfmoon Township, Centre County, Pennsylvania.

Official Sewage Facilities Plan: A comprehensive plan for the provision of adequate sewage disposal, adopted by the municipality and approved by DEP in accordance with the Act and with applicable DEP regulations.

Owner: Any person, corporation, partnership, etc. holding deed/title to lands within the municipality.

Person: Any individual, association, public or private corporation whether for profit or not for profit, partnership, firm, trust, estate, or other legally recognized entity. Whenever the term "person" is used in connection with any clause providing for the imposition of a fine or penalty or the ordering of action to comply with the terms of this ordinance, the term person shall include the members of an association, partnership or firm and the officers of any public or private corporation whether for profit or not for profit.

Planning Module for Land Development: A revision to, or exception to the revision of, the municipal Official Plan submitted in connection with the request for approval of a subdivision or land development in accordance with DEP regulations.

Pumper/Hauler: Any person, company, partnership or corporation which engages in cleaning community or individual sewage systems and transports the septage cleaned from these systems.

Pumpers Report/Receipt: Form which shall be used by all permitted Pumper/Haulers to report each pumping of on lot sewage disposal systems in the municipality.

Rehabilitation: Work done to modify, repair, enlarge, or replace an existing on lot sewage disposal system.

Replacement Area: An area designated as the future location of an individual on lot sewage system that shall be installed should the initial individual on lot system installed or to be installed fail or otherwise become inoperable and which shall meet all the regulations of the DEP and all applicable municipal ordinances for an individual on lot sewage system, and shall be protected from encroachment by an easement recorded on the final plan as filed with the Centre County Recorder of Deeds.

Septage: The residual scum and sludge pumped from septic systems.

Sewage: Any substance that contains any of the waste products or excrement or other discharge from the bodies of human beings or any noxious or deleterious substances being harmful or inimical to the public health, or to animal or aquatic life, or to the use of water for domestic water supply or for recreation.

Sewage Enforcement Officer (S.E.O.): A person appointed by the municipality to administer the provisions of this ordinance and authorized by DEP in accordance with Chapter 72, "Administration of Sewage Facilities Program" of Title 25, "Rules and Regulations" to perform percolation tests, site and soil evaluation, and issue sewage permits for on lot disposal systems.

Sewage facilities: A system of sewage collection, conveyance, treatment and disposal which will prevent the discharge of untreated or inadequately treated sewage or other waste into waters of this Commonwealth or otherwise provide for the safe and sanitary treatment and disposal of sewage or other waste.

Single and Separate Ownership: The ownership of a lot by one or more persons which ownership is separate and distinct from that of any abutting or adjoining lot.

Subdivision: A subdivision as defined by the Pennsylvania Municipalities Code, Act of July 31, 1968, P.L. 805, No. 247, as amended, 53 P.S. Section 10101 et seq.

All other definitions of words and terms used in this ordinance shall have the same meaning as set forth in "Chapter 73, Standards for Sewage Disposal Facilities" of "Title 25, Rules and Regulations, Department of Environmental Protection."

Section III. Applicability

A. From the effective date of this ordinance, its provisions shall apply to all persons owning any property in the municipality serviced by an individual on-lot sewage disposal system or a community on-lot sewage disposal system and to all persons installing such on-lot sewage disposal systems.

Section IV. Permit requirements

A. Regardless of lot size, no person shall install, construct, or request bid proposals for construction or alter an individual sewage system or community sewage system or construct or request bid proposals for construction or install or occupy any building or structure for which an individual sewage system or community sewage system is to be installed without first obtaining a permit indicating that the site and the plans and specifications of such system are in compliance with the provisions of the Pennsylvania Sewage Facilities Act (hereinafter called Act 537" or "Act") and the standards adopted pursuant to that Act.

B. No system or structure designed to provide individual or community sewage disposal shall be covered from view until approval to cover the same has been given by the municipal SEO. If seventy-two (72) hours have elapsed, excepting Sundays and Holidays, since the SEO issuing the permit received notification of completion of construction, the applicant may cover said system or structure unless permission has been specifically refused by the SEO.

C. The municipality may require applicants for sewage permits to notify the municipality's certified SEO of the schedule for construction of the permitted on-lot sewage disposal system so that inspection(s) in addition to the final inspection required by Act 537 may be scheduled and performed by the municipality's certified SEO at the cost of the applicant.

D. No building or occupancy permit shall be issued by the municipality or its codes enforcement officer for a new building which will contain sewage generating facilities until a valid sewage permit has been obtained from the municipality's certified SEO.

E. No building or occupancy permit shall be issued and no work shall begin on any alteration or conversion of any existing structure, if said alteration or conversion will result in the increase or potential increase in sewage flows from the structure, until the municipality's codes enforcement officer and the structure's owner receive from the municipality's SEO either a permit for modification or replacement of the existing sewage disposal system or written notification that such a permit will not be required. In accordance with Chapter 73 regulations, the certified SEO shall determine whether the proposed alteration or conversion of the structure will result in increased sewage flows.

F. Sewage permits may be issued only by a certified SEO employed by the municipality for that express purpose. DEP shall be notified by the municipality as to the identity of their currently employed primary and alternate certified SEOs.

G. No sewage permit for a new occupancy, whether residential or non-residential, may be issued unless proof is provided the lot of record existed prior to May 15, 1972, or that Act 537 planning for that lot has been provided by the municipality and approved by DEP.

H. No final Act 247 approval of a subdivision or land development plan may be made and no recording of deeds for newly created lots completed until formal Act 537 planning approval by DEP is received.

Section V. Replacement Areas

1. Requirements

A. Any supplements, revisions, or exceptions (Component I) to the municipality's Official Sewage Facilities Plan which are prepared pursuant to the applicable regulations of the DEP for subdivision or development of land within the municipality shall provide for the testing, identification, and reservation of an area of each lot or developed property suitable for the installation of a replacement on-lot sewage disposal system. This requirement is in addition to the testing, identification, and reservation of an area for the primary sewage disposal system.

B. No permit shall be issued for any proposed new on-lot sewage disposal system on any newly created or subdivided property in the municipality unless and until a replacement area is tested, identified and reserved.

C. After the effective date of this ordinance, a replacement area for an individual on lot sewage system shall be required for all lots or lots to be created which are not serviced or to be serviced by a community sewerage system or for which a valid permit for installation of an individual on lot sewage system has not been issued. Lots existing prior to the effective date of this ordinance shall be exempt from the requirements of this section.

D. The replacement area provided shall comply with the Act and with all regulations issued by DEP as incorporated into this ordinance concerning individual on-lot and community on-lot sewage systems, including isolation distances, and with the terms of this ordinance and any other applicable municipal ordinances.

2. Identification of Replacement Area

A. Each applicant who shall submit a plan for the subdivision or development of land or who shall apply for a permit for the installation of an individual on-lot or community on-lot sewage system, or who shall request approval of a Planning Module for land development or the adoption of a revision, exception to revision, or supplement to the Official Plan shall demonstrate to the satisfaction of the certified SEO that a suitable area exists on the lot or on each lot to be created for an initial individual on lot sewage system and for the replacement area. The certified SEO shall perform or observe all tests required for the location of an individual on-lot or community on-lot sewage system to confirm the suitability of the replacement area. Allowance of open land for the replacement area without testing performed or observed by the certified SEO shall not constitute compliance with the requirements of this Section.

B. The location of the initial individual on lot sewage system and the replacement area as confirmed by the certified SEO shall be identified on the plot plans and diagrams submitted as part of the permit application.

C. If the application has been submitted as part of an application for subdivision or land development approval or as part of a request that the municipality approve a Planning Module for land development or amend its Official Plan, or a request for an exception to the revision of the Official Plan, the location of each initial individual on-lot or community on-lot sewage system and each replacement area shall be noted upon the plot plans. If the application is for subdivision or land development approval, a note constituting a permanent easement shall be added to the plans stating that no improvements shall be constructed upon the replacement area, and the deed to be recorded for each lot created as part of the subdivision or land development shall contain language reflecting this limitation.

D. Any revisions to a permit or plan affecting a replacement area which previously has been approved pursuant to the provisions of this ordinance shall be reviewed for approval by the municipal board/council or its authorized representative.

3. Construction Restrictions

A. The easement for the replacement area noted upon the plan and recorded with the Centre County Recorder of Deeds shall state that no permanent or temporary improvements of any character, other than shallow rooted plant matter shall be constructed upon the replacement area.

B. If a person desires to construct such improvements on the designated replacement area, such person shall demonstrate to the satisfaction of the certified SEO that an alternate replacement area, which complies with all applicable regulations of the DEP, this ordinance, and all other applicable municipal ordinances, exists upon the lot. If such an alternate replacement area shall be identified, the alternate replacement area may be considered to be the replacement area required by this ordinance and shall be designated as the replacement area.

Section VI. Inspections

A. Any on-lot disposal system may be inspected by the municipality's certified SEO or authorized agent at any reasonable time as of the effective date of this ordinance, but in no case shall an inspection of every on-lot disposal system be conducted less frequently than once every six years.

B. The inspection may include a physical tour of the property, the taking of samples from surface water, wells, other ground water sources, the sampling of the contents of the sewage disposal system itself and/or the introduction of a traceable substance into the interior plumbing of the structure served to ascertain the path and the ultimate destination of wastewater generated in the structure. A copy of the inspection report shall be furnished to the Owner and current resident, which shall include all of the following information: date of inspection; name and address of system owner; description and location of the system, including presence of access hatches, risers, and markers; size of tank(s); current occupant's name and number of users; indication of any system malfunction observed; results of any and all soils and water tests. The municipality's certified SEO will follow-up should any remedial action be required.

C. The municipality's certified SEO or authorized agent shall have the right to enter upon land for the purposes of inspections described above. In the event access to inspect the property is denied, the following steps shall be taken:

1. The matter will be officially referred to the governing body of the municipality for action.

2. The governing body of the municipality may schedule a review at the next scheduled meeting of the municipal board/council or, if the situation threatens the health or safety of the residents of the municipality, the board/council may commence an immediate procedure to obtain a search warrant from the District Justice.

3. Upon receipt of a search warrant to inspect the property, the certified SEO or authorized agent of the municipality shall be accompanied by an officer of the municipal or State Police and the inspection shall be completed in accordance with this subsection.

D. An initial inspection shall be conducted by the municipality's certified SEO or authorized agent within six years of the effective date of this ordinance for the purpose of determining the type and functional status of each sewage disposal system in the municipality. A written report shall be furnished to the owner of each property inspected and a copy of said report shall be maintained in the municipal records.

E. A routine inspection of each sewage disposal system in the municipality will be scheduled every six years to assure the proper function of all systems in the municipality.

F. The municipality's certified SEO or authorized agent shall inspect systems known to be, or alleged to be, malfunctioning. Should said inspections reveal that the system is indeed malfunctioning, the municipal certified SEO shall take action to require the correction of the malfunction. If total correction is not technically or financially feasible in the opinion of the municipal certified SEO and a representative of the DEP, then action by the property owner to mitigate the malfunction shall be required.

A permit shall be required by the municipality for alterations or connections to an existing individual or community on-lot sewage system when the alteration or connection requires the repair, replacement or enlargement of a treatment tank or retention tank, or the repair, replacement, disturbance, modification or enlargement of a soil absorption area or spray field, or the soil within or under the soil absorption area or spray field.

G. There may arise geographic areas within the municipality where numerous on-lot sewage disposal systems are malfunctioning. A resolution of these area-wide problems may necessitate detailed planning and a municipally sponsored revision to that area's Act 537 Official Sewage Facilities Plan. When a DEP authorized Sewage Facilities Plan Revision has been undertaken by the municipality, mandatory repair or replacement of individual malfunctioning sewage disposal systems within the study area may be delayed, at the discretion of the municipality, pending the outcome of the plan revision process. However, the municipality may compel immediate corrective action whenever a malfunction, as determined by municipal officials and/or the DEP, represents a serious public health or environmental threat.

Section VII. Operation

A. Only normal domestic wastes shall be discharged into any on lot sewage disposal system. The following shall not be discharged into the system.

1. Industrial waste

2. Automobile oil and other non-domestic oil
3. Toxic or hazardous substances or chemicals, including but not limited to, pesticides, disinfectants, acids, paints, paint thinners, herbicides, gasoline and other solvents.
4. Clean surface or ground water, including water from roof or cellar drains, springs, basement sump pumps and French drains.

Section VIII. Maintenance

A. Any person owning a building served by an on lot sewage disposal system shall have the septic tank pumped by a qualified pumper/hauler within three (3) years of the effective date of this ordinance. Thereafter that person shall have the tank pumped at least once every three (3) years. Receipts from the pumper/hauler shall be submitted to the municipality or authorized agent within 30 days of the date of pumping.

B. An option will be provided to allow the property owner to request a waiver from pumping every three years if, because of tank size, household size, or seasonal use, it is determined by the municipality's certified SEO that such pumping is not needed. In such cases, a waiver from pumping can be granted at the discretion of the municipality's certified SEO when an inspection of the tank by the municipal SEO reveals that the solids are less than one third the liquid depth of the tank.

C. The required pumping frequency may be increased at the discretion of the municipality's SEO or authorized agent if the septic tank is undersized, if solids buildup in the tank is above average, if the hydraulic load on the system increases significantly above average, if a garbage grinder is used in the building, if the system malfunctions or for other good cause shown.

D. If any person can prove that their system tank had been pumped within three years prior to their pumping notification date, then the municipality may delay that person's initial required pumping to conform with the general pumping frequency requirement.

E. Any person owning a building served by an on-lot sewage disposal system which contains an aerobic treatment tank shall follow the operation and maintenance recommendations of the equipment manufacturer. A copy of the manufacturer's recommendations and a copy of the service agreement shall be submitted to the municipality within six months of the effective date of this ordinance. Thereafter, service receipts shall be submitted to the municipality at the intervals specified by the manufacturer's recommendations. In no case may the service or pumping intervals for aerobic treatment exceed those required for septic tanks.

F. Any person owning a building served by a cesspool or dry well shall have that system pumped according to the schedule prescribed for septic tanks as noted in Section VIII. Paragraph A. As an alternative to this scheduled pumping of the cesspool or dry well, the owner may secure a sewage permit from the certified SEO for a septic tank to be installed preceding the cesspool or dry well. For a system consisting of a cesspool or dry well preceded by an approved septic tank, only the septic tank must be pumped at the prescribed interval.

G. The municipality may require additional maintenance activity as needed including, but not necessarily limited to, cleaning and unclogging of piping, servicing and the repair of mechanical

equipment, leveling of distribution boxes, tanks and lines, removal of obstructing roots or trees, the diversion of surface water away from the disposal area, etc.

H. Each time a septic tank or other subsurface waste disposal tank is pumped out, the municipality, its authorized agent, or a private septage pumper/hauler, whichever provides the service, shall provide to the owner of the on lot disposal system a signed pumpers' report/receipt containing at minimum, the following information:

1. Date of pumping
2. Name and address of system owner
3. Address of tank's location, if different from owner's
4. Amount of septage or other solid or semi-solid material removed
5. Destination of septage (name of treatment facility)

I. Upon completion of each required pumping, the pumper/hauler shall fill out and submit a pumpers' report/receipt, copies of which shall be provided by the municipality or its authorized agent to all registered pumpers/haulers. The pumper/hauler shall provide one copy of the pumpers report/receipt to the owner and one copy to the municipality or its authorized agent. Copies must be received by the municipality or its authorized agent within thirty (30) days of the date of pumping.

Section IX. System Rehabilitation

A. No person shall operate and maintain an on lot sewage disposal system in such a manner that it malfunctions. All liquid wastes, including kitchen and laundry wastes and water softener backwash, shall be discharged to a treatment system or tank. No sewage system shall discharge untreated or partially treated sewage to the surface of the ground or into the waters of the Commonwealth unless a permit to discharge has been obtained from the DEP.

B. The municipality or its authorized agent shall issue a written notice of violation to any person who is the owner of a property in the municipality which is found to be served by a malfunctioning on lot sewage disposal system or which is discharging raw or partially treated sewage without a permit.

C. Within seven (7) days of notification by the municipality that a malfunction has been identified, the property owner shall make application to the municipality's certified SEO for a permit to repair or replace the malfunctioning system. Within thirty (30) days of initial notification by the municipality, construction of the permitted repair or replacement shall commence. Within sixty (60) days of the original notification by the municipality, the construction shall be completed unless seasonal or unique conditions mandate a longer period, in which case the municipality or its authorized agent shall set an extended completion date.

D. The municipality's certified SEO shall have the authority to require the repair of any malfunction by the following methods: cleaning, repair or replacement of components of the existing system, adding capacity or otherwise altering or replacing the system's treatment tank, expanding the existing disposal area, replacing the existing disposal area, replacing a gravity distribution system with a pressurized system or other alternatives as appropriate for the specified site.

E. In lieu of, or in combination with, the remedies described in D above, the municipal SEO may require the installation of water conservation equipment and the institution of water conservation practices in structures served. Water using devices and appliances in the structure may be required to be

retro-fitted with water saving appurtenances or they may be required to be replaced by water conserving devices and appliances. Wastewater generation in the structure may also be reduced by requiring changes in water usage patterns in the structure served.

F. In the event that the rehabilitation measures in A through E are not feasible or do not prove effective, the municipality may require the owner to apply to the DEP for a permit to install a single residence treatment and discharge system. Upon receipt of said permit the owner shall complete construction of the system within sixty (60) days.

G. Should none of the remedies described above prove totally effective in eliminating the malfunction of an existing disposal system, the property owner is not absolved of responsibility for that malfunction. The municipality may require whatever action is necessary to lessen or mitigate the malfunction to the extent that it feels necessary.

Section X. Liens

The municipality, upon written notice from the municipal SEO that an imminent health hazard exists due to failure of a property owner to maintain, repair or replace an on lot sewage disposal system as provided under the terms of this ordinance, shall have the authority to perform or contract to have performed, the work required by the certified SEO. The owner shall be charged for the work performed and, if necessary, a lien shall be entered therefore in accordance with law.

Section XI. Disposal of Septage

A. All septage originating within the municipality shall be disposed of at sites or facilities approved by the DEP. Approved sites or facilities shall include the following: Septage treatment facilities, wastewater treatment plants, composting sites, and approved farm lands.

B. All septage pumper/haulers operating within the municipality shall be licensed by the DEP and permitted by the municipality or its authorized agent. Pumper/haulers shall comply with all reporting requirements established by the municipality.

C. All septage of pumper/haulers operating within the municipality shall operate in a manner consistent with the provisions of the Pennsylvania Solid Waste Management Act (Act 97 of 1980, 35 P.S. §§6018.101-6018.1003. Any septage pumper/hauler who violates any of the provisions of this ordinance or regulations of the municipality, the conditions of its State permit, or any State or local law governing its operation shall, upon conviction thereof, be sentenced to pay a fine not exceeding five thousand dollars (\$5,000.00) and costs and, in default of the payment thereof, shall be subject to imprisonment for a term not to exceed thirty (30) days. If any pumper/hauler shall have been convicted on two (2) occasions of any violation of this ordinance, or for violating the conditions of its State permit, or of any State or local law governing its operation, the municipal board/council shall have the power to suspend said pumper/hauler from operating within the municipality for a period of not less than six (6) months or more than two (2) years for each violation, as determined by the municipality. Each day the violation continues shall constitute a separate offense.

Section XII. Administration

A. The municipality shall fully utilize those powers it possesses through enabling statutes and ordinances to effect the purposes of this ordinance.

B. The municipality shall employ qualified individuals to carry out the provisions of this ordinance. Those employees shall include a certified SEO and may include a codes enforcement officer, secretary, administrator and other persons as required. The municipality may also contract with qualified persons or firms as necessary to carry out the provisions of this ordinance.

C. All permits, records, reports, files and other written material relating to the installation, operation and maintenance and malfunction of on lot sewage disposal systems in the municipality shall become the property of the municipality. Existing and future records shall be available for the public inspection during required business hours at the official municipal office. All records pertaining to sewage permits, building permits, occupancy permits and all other aspects of the municipality's sewage management program shall be made available, upon request, for inspection by representatives of the DEP.

D. The municipal board/council shall establish a fee schedule to cover the cost of administering this program. Fees shall be collected by the municipality or its authorized agent.

E. The municipal board/council shall establish all administrative procedures necessary to properly carry out the provisions of this ordinance.

Section XIII. Appeals

A. Appeals from decisions of the municipality or its authorized agents under this ordinance shall be made to the municipal board/council in writing within thirty (30) days from the date of the decision in question.

B. The appellant shall be entitled to a hearing before the municipal board/council at its next regularly scheduled meeting, if the appeal is received at least fourteen (14) days prior to that meeting. If the appeal is received within fourteen (14) days of the next regularly scheduled meeting, the appeal shall be heard at the subsequent meeting. The municipality shall thereafter affirm, modify, or reverse the aforesaid decision. The hearing may be postponed for a good cause shown by the appellant or the municipality. Additional evidence may be introduced at the hearing provided that it is submitted with the written notice of appeal.

C. A decision shall be rendered in writing within thirty (30) days of the date of the hearing. If a decision is not rendered within thirty (30) days, the release sought by the appellant shall be deemed granted.

Section XIV. Penalties

Any person failing to comply with any provisions of this ordinance shall be subject to a fine of not less than one hundred dollars (\$100.00) and costs, and not more than three hundred dollars (\$300.00) and costs, or in default thereof shall be confined in the county jail for a period of not more than thirty (30) days. Each day of noncompliance shall constitute a separate offense.

Section XV. Repealer

All ordinances or parts of ordinances inconsistent with the provisions of this ordinance are hereby repealed to the extent of such inconsistency.

Duly Enacted and Ordained this 25th day of October, 2007 by the Board of Supervisors of the Township of Halfmoon, Centre County, Pennsylvania, in lawful sessions duly assembled. This Ordinance shall take effect in Five (5) days.

ATTEST:

Karen J. Brown
Secretary

By and For the Board:

Benjamin P. Pisoni
Benjamin P. Pisoni, Vice Chairman

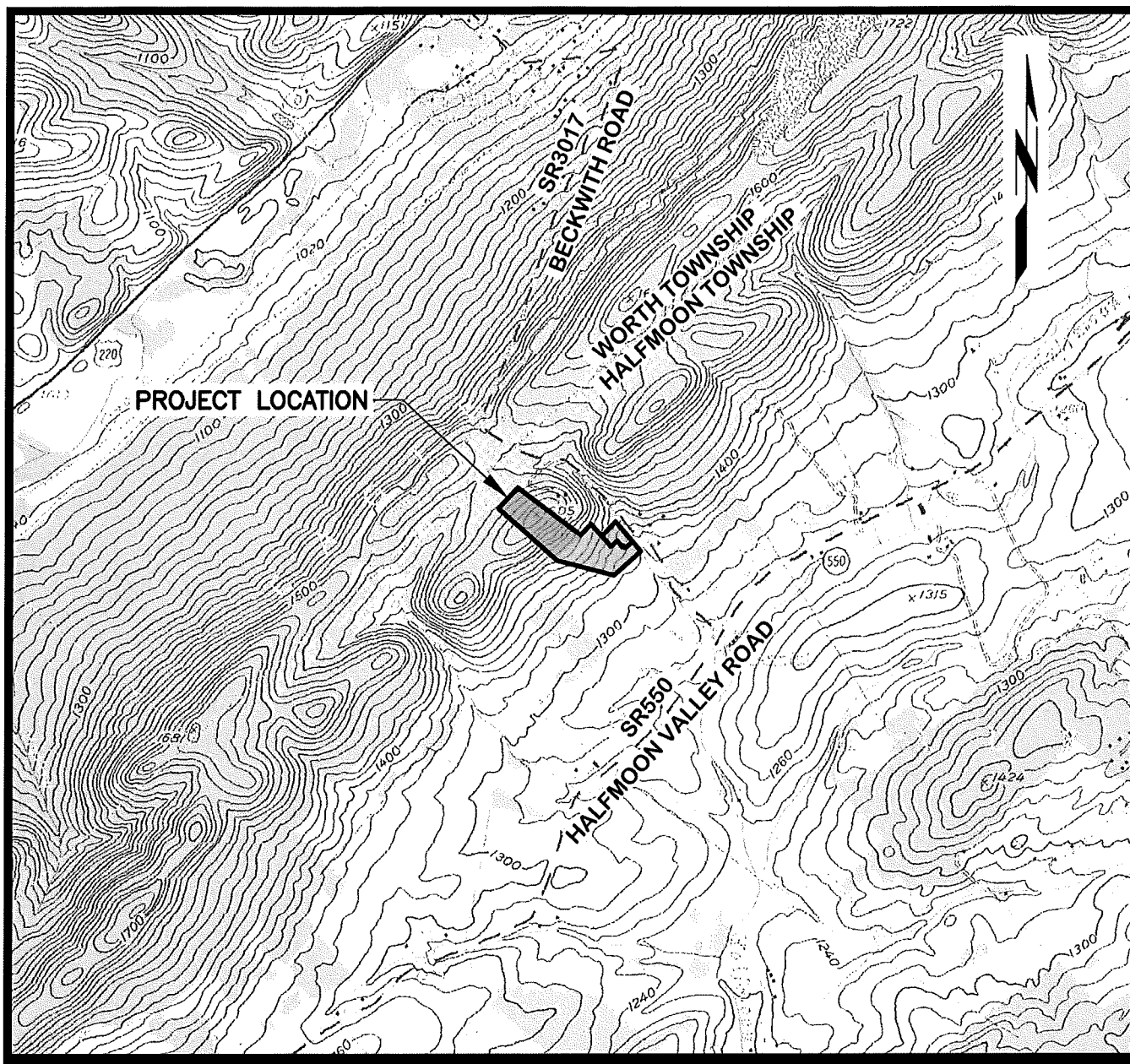
James F. Andrews
James F. Andrews, Supervisor

Reed P. Moyer
Reed P. Moyer, Supervisor

Robert D. Neff
Robert D. Neff, Supervisor

U.S.G.S. TOPOGRAPHICAL LOCATION MAP

COMPONENT 2 PLANNING MODULE
ELWOOD L. SEIFERT SUBDIVISION



PROJECT LOCATION MAP

SCALE: 1" = 2000'

SEIFERT SUBDIVISION

HALFMOON TOWNSHIP, CENTRE COUNTY

PENNSYLVANIA

USGS QUAD.: PORT MATILDA

DEP POST CARD SUBMITTAL

1. Development Information

Name of Development Elwood L. Seifert Subdivision
 Developer Name Elwood L. Seifert
 Address 1346 Beckwith Road
Port Matilda, PA 16870
 Telephone # (814) 206-6378
 Email _____

2. Location of Development

a. County Centre
 b. Municipality Halfmoon Township
 c. Address or Coordinates 50 Kay Ty Lane
Port Matilda, PA 16870
 d. Tax Parcel # 17-004-014E
 e. USGS Quad Name _____
 inches up _____ over _____
 from bottom right corner of map.
 f. Located in a High Quality/Exceptional Value watershed?
☒ Yes ☐ No

3. Type of Development Proposed (check appropriate box)

☒ Residential ☐ Multi-Residential
 Describe 2 - Lots

☐ Commercial ☐ Institutional
 Describe _____

☐ Brownfield Site Redevelopment
☐ Other (specify) _____

4. Size

a. # of lots 2 # of EDUs 2
 b. # of lots since 5/15/72 15
 c. Development Acreage 17.2 (Deed)
 d. Remaining Acreage 0

5. Sewage Flows 800 gpd

6. Proposed Sewage Disposal Method (check applicable boxes)

a. ☐ Sewerage System
☐ Existing (connection only) ☐ New (extension)
☐ Public ☐ Private
☐ Pump Station(s)/Force Main ☐ Gravity
 Name of existing system being extended _____

 Interceptor Name _____
 Treatment Facility Name _____

 NPDES Permit # _____
 b. ☐ Construction of Treatment Facility
☐ With Stream Discharge
☐ With Land Application (not including IRSIS)
☐ Other
☐ Repair?
 Name of waterbody where point of discharge is proposed
 (if stream discharge) _____

c. ☒ Onlot Sewage Disposal Systems
 (check appropriate box)
☒ Individual onlot system(s) (including IRSIS)
☐ Community onlot system
☐ Large-Volume onlot system
 d. ☐ Retaining tanks
 Number of Holding Tanks _____
 Number of Privies _____

7. ☒ Request Sewage Facilities Planning Module forms in electronic format

8. Request for Planning Exemption

a. Protection of rare, endangered or threatened species
 Check one:
☐ The "PNDI Project Environmental Review Receipt" is attached.
 or
☐ A completed "PNDI Project Planning & Environmental Review Form," (PNDI Form) is attached. I request DEP staff to complete the required PNDI search for my project. I realize that my planning exemption will be considered incomplete and that the DEP processing of my planning exemption request 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 _____

b. ☐ Plot Plan Attached ☐ Site Reports Attached

c. Onlot Disposal Systems

(1) I certify that the Official Plan shows this area as an onlot service area.

 (Signature of Municipal Official) Date

 Name (Print) Title

Municipality (must be same as in 2.b.)

Telephone # _____

(2) I certify that each lot in this subdivision has been tested and is suitable for both a primary and replacement sewage disposal system.

 Signature of SEO) Date

 Name (Print) Certification #
 Telephone # _____

(3) I certify that each lot in this subdivision is at least 1 acre in size

 (Signature of Project Applicant/Agent) Date

d. Public Sewerage Service (i.e., ownership by municipality or authority)

Based upon written documentation, I certify that the facilities proposed for use have capacity and that no overload exists or is projected within 5 years. (Attach documents.)

 (Signature of Municipal Official) Date

 Name (Print) Title

Municipality (must be same as in 2.b.)

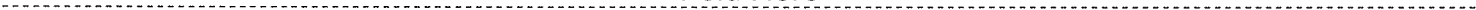
Telephone # _____

Return Correspondence/Forms to:

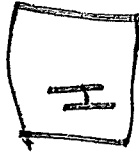
DEPARTMENT OF ENVIRONMENTAL PROTECTION

DEP USE	
Components Sent	
Onlot Disposal	<input type="checkbox"/>
Collection and Treatment	<input type="checkbox"/>
Planning Agency Review	<input type="checkbox"/>
Exempt from Planning	<input type="checkbox"/>
Code _____	
Date _____	

"Fold Here"



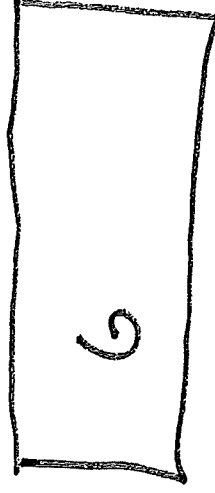
SOIL TEST REPORTS



PRIMARY
FOR PROPOSED
HOUSE



BACK UP TO
PROPOSED HOUSE





COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

TP # 1

**SITE INVESTIGATION AND PERCOLATION
TEST REPORT FOR ONLOT DISPOSAL OF SEWAGE**

INSTRUCTIONS FOR COMPLETION OF THIS FORM ARE LOCATED ON THE REVERSE SIDE

Application No. _____ Municipality Halfmoon County Centre

Site Location 50 Kay Ty Lane Subdivision Name Ellwood Seifert Subdivision

☒ SUITABLE Soil Type M² Comp¹ Ex Slope 8% Depth to Limiting Zone 50" Ave. Perc. Rate 51.51

☐ UNSUITABLE ☐ Mottling ☐ Seeps or Ponded Water ☐ Bedrock ☐ Fractures ☐ Coarse Fragments

☐ Perc. Rate ☐ Slope ☐ Unstabilized Fill ☐ Floodway ☐ Other _____

SOILS DESCRIPTION:

Soils Description Completed by: Cory M. Warner Date: 12/05/2019

Inches	Description of Horizon
<u>0</u> TO <u>8</u>	<u>10 YR 4/4 Dk Yellowish Brown;Silt Loam;Granular;Vey Friable</u>
<u>8</u> TO <u>20</u>	<u>10 YR 5/8 Yellowish Brown;Gravelly Silty Clay;Mod.SBK;Friable</u>
<u>20</u> TO <u>30</u>	<u>7.5 YR 5/6 Strong Brown;Very Gravelly Silty Clay;Mod SBK;Friable</u>
<u>30</u> TO <u>50</u>	<u>7.5 YR 5/8 Strong Brown;Extremely Gravelly Sandy Loam;Granular;Friable</u>
_____ TO _____	<u>Bedrock @ 50"</u>
_____ TO _____	_____

PERCOLATION TEST:

Percolation Test Completed by: Cory M. Warner Date: 12/13/2019

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

Soil Conditions: ☒ Wet ☐ Dry ☐ Frozen

Hole No.	***		Reading Interval	Reading No. 1:	Reading No. 2:	Reading No. 3:	Reading No. 4:	Reading No. 5:	Reading No. 6:	Reading No. 7:	Reading No. 8:
	Yes	No		Inches of drop	Inches of drop	Inches of drop	Inches of drop	Inches of drop	Inches of drop	Inches of drop	Inches of drop
1	X		<u>10 / (30)</u>	4	3 1/8	3 1/4	3	2 1/2	2 3/4	2 3/4	2 1/8
2	X		<u>10 / (30)</u>	4	4	3 1/4	3	3	3		
3		X	<u>(10) 30</u>	4 1/2	4	2	2	1 3/4	2		
4	X		<u>10 / (30)</u>	0	1/8	0	0				
5	X		<u>10 / (30)</u>	4 1/8	4	3 1/2	3	3 1/4	3	3	
6	X		<u>10 / (30)</u>	1	1/2	1/4	1 1/4	1	1 1/4	1	

***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	<u>2 1/8</u> "	<u>14.1</u>	<u>20</u> "
2	<u>3</u> "	<u>10</u>	<u>20</u> "
3	<u>2</u> "	<u>5</u>	<u>20</u> "
4	<u>0</u> "	<u>240</u>	<u>20</u> "
5	<u>3</u> "	<u>10</u>	<u>20</u> "
6	<u>1</u> "	<u>30</u>	<u>20</u> "
TOTAL OF MIN / IN →		<u>309.1</u>	= <u>51.5</u>
TOTAL NO. OF HOLES →		<u>6</u>	

The information provided is the true and correct result of tests conducted by me, performed under my personal supervision, or verified in a manner approved by the Department of Environmental Protection (DEP).

(S) C. M. Warner # 3994
Sewage Enforcement Officer (SEO)

☐ White - Local Agency

☐ Pink - Local DEP Office

☐ Yellow - Applicant



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

T.P. #2

SITE INVESTIGATION AND PERCOLATION
TEST REPORT FOR ONLOT DISPOSAL OF SEWAGE

INSTRUCTIONS FOR COMPLETION OF THIS FORM ARE LOCATED ON THE REVERSE SIDE

Application No. _____ Municipality Halfmoon County Centre
Site Location 50 Kay Ty Lane Subdivision Name Ellwood Selfert Subdivision
☒ SUITABLE Soil Type Complex Slope 8% Depth to Limiting Zone 54" Ave. Perc. Rate 59.45
☐ UNSUITABLE ☐ Mottling ☐ Seeps or Pondered Water ☐ Bedrock ☐ Fractures ☐ Coarse Fragments
☐ Perc. Rate ☐ Slope ☐ Unstabilized Fill ☐ Floodway ☐ Other _____

SOILS DESCRIPTION:

Soils Description Completed by: Cory M. Warner Date: 12/05/2019

Inches	Description of Horizon
0 TO 8	10 YR 4/4 Dk Yellowish Brown;Silt Loam;Granular;Vey Friable
8 TO 18	10 YR 5/8 Yellowish Brown;Gravelly Silty Clay;Mod.SBK;Friable
<u>18</u> TO 29	7.5 YR 5/6 Strong Brown;Very Gravelly Loam;Weak SBK;Friable
29 TO 54	7.5 YR 5/6 Strong Brown;Extremely Sandy Loam;Granular;Friable
TO _____	Bedrock at 54"
TO _____	

PERCOLATION TEST:

Percolation Test Completed by: Cory M. Warner Date: 12/10/2019

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

Soil Conditions: ☒ Wet ☐ Dry ☐ Frozen

Hole No.	***		Reading Interval	Reading No. 1:	Reading No. 2:	Reading No. 3:	Reading No. 4:	Reading No. 5:	Reading No. 6:	Reading No. 7:	Reading No. 8:
	Yes	No		Inches of drop	Inches of drop	Inches of drop	Inches of drop	Inches of drop	Inches of drop	Inches of drop	Inches of drop
1	X		10 / <u>30</u>	1/4	1/4	1/2	1/4				
2	X		10 / <u>30</u>	1	3/4	1/2	1/2	1/2			
3	X		10 / <u>30</u>	1.5	2	1 1/2	1 1/2	1 3/8	1 1/2		
4	X		10 / <u>30</u>	1/4	1/4	3/4	1/4	1/4	1/8	1/4	
5	X		10 / <u>30</u>	1	1 1/2	3/4	3/4	3/4	1		
6	X		10 / <u>30</u>	5	5	4 3/4	4 5/8	4 1/2	4 1/2		

***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	1/4 "	120	20 "
2	1/2 "	60	20 "
3	1 1/2 "	20	20 "
4	1/4 "	120	20 "
5	1 "	30	20 "
6	4 1/2 "	6.7	20 "
TOTAL OF MIN / IN →		356.7	= 59.45
TOTAL NO. OF HOLES →		6	

The information provided is the true and correct result of tests conducted by me, performed under my personal supervision, or verified in a manner approved by the Department of Environmental Protection (DEP).

(S) G. M. Warner #3994
Sewage Enforcement Officer (SEO)

☐ White - Local Agency

☐ Pink - Local DEP Office

☐ Yellow - Applicant



T.P #3

SITE INVESTIGATION AND PERCOLATION TEST REPORT FOR ONLOT DISPOSAL OF SEWAGE

INSTRUCTIONS FOR COMPLETION OF THIS FORM ARE LOCATED ON THE REVERSE SIDE

Application No. _____ Municipality Halfmoon County Centre
 Site Location 50 Kay Ty Lane Subdivision Name Ellwood Selfert Subdivision
☒ **SUITABLE** Soil Type Complex Slope 6% Depth to Limiting Zone 71" Ave. Perc. Rate 35.49
☐ **UNSUITABLE** ☐ Mottling ☐ Seeps or Pounded Water ☐ Bedrock ☐ Fractures ☐ Coarse Fragments
☐ Perc. Rate ☐ Slope ☐ Unstabilized Fill ☐ Floodway ☐ Other _____

SOILS DESCRIPTION:

Soils Description Completed by: Cory M. Warner Date: 12/5/2019

Inches	Description of Horizon
<u>0</u> TO <u>8</u>	<u>10 YR 4/4 Dk Yellowish Brown;Silt Loam;Granular;Vey Friable</u>
<u>8</u> TO <u>23</u>	<u>10 YR 5/8 Yellowish Brown;Gravelly Silty Clay Loam;Mod.SBK;Friable</u>
<u>23</u> TO <u>71</u>	<u>7.5 YR 5/6 Strong Brown;Very gravelly Sandy Loam;Granular;Friable</u>
_____ TO _____	<u>Bedrock @ 71"</u>
_____ TO _____	_____
_____ TO _____	_____

PERCOLATION TEST:

Percolation Test Completed by: Cory M. Warner Date: 12/10/2019

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

Soil Conditions: ☒ Wet ☐ Dry ☐ Frozen

Hole No.	***		Reading Interval	Reading No. 1:	Reading No. 2:	Reading No. 3:	Reading No. 4:	Reading No. 5:	Reading No. 6:	Reading No. 7:	Reading No. 8:
	Yes	No		Inches of drop	Inches of drop	Inches of drop	Inches of drop	Inches of drop	Inches of drop	Inches of drop	Inches of drop
1	X		<u>10/30</u>	<u>1 5/8</u>	<u>1 3/8</u>	<u>1 3/8</u>	<u>1 3/8</u>				
2	X		<u>10/30</u>	<u>1/2</u>	<u>1/2</u>	<u>1/2</u>	<u>1/2</u>				
3	X		<u>10/30</u>	<u>4 1/2</u>	<u>4 1/2</u>	<u>4 1/8</u>	<u>4 1/4</u>	<u>4 1/8</u>	<u>4 1/4</u>		
4	X		<u>10/30</u>	<u>5/8</u>	<u>1/4</u>	<u>1/2</u>	<u>1/2</u>	<u>1/2</u>			
5		X	<u>10/30</u>	<u>3 1/4</u>	<u>2 5/8</u>	<u>2 5/8</u>	<u>2 3/4</u>	<u>2 1/2</u>			
6	X		<u>10/30</u>	<u>1/2</u>	<u>1/2</u>	<u>1/2</u>	<u>1/2</u>				

***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	<u>1 3/8</u> "	<u>21.8</u>	<u>23</u> "
2	<u>1/2</u> "	<u>60</u>	<u>23</u> "
3	<u>4 1/4</u> "	<u>7.1</u>	<u>23</u> "
4	<u>1/2</u> "	<u>60</u>	<u>23</u> "
5	<u>2 1/2</u> "	<u>4</u>	<u>23</u> "
6	<u>1/2</u> "	<u>60</u>	<u>23</u> "
TOTAL OF MIN / IN →		<u>212.9</u>	= <u>35.4</u> Min Inch
TOTAL NO. OF HOLES →		<u>6</u>	

The information provided is the true and correct result of tests conducted by me, performed under my personal supervision, or verified in a manner approved by the Department of Environmental Protection (DEP).

(S) G M W #3994
Sewage Enforcement Officer (SEO)

FLOODPLAIN MAP

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS

Without Base Flood Elevation (BFE) Zone A, V, AE, AH, VE, AR
With BFE or Depth Zone AE, AO, AH, VE, AR
Regulatory Floodway

0.2% Annual Chance Flood Hazard, Area of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
Future Conditions 1% Annual Chance Flood Hazard Zone X
Area with Reduced Flood Risk due to Levee. See Notes, Zone X
Area with Flood Risk due to Levee Zone D

OTHER AREAS OF FLOOD HAZARD

NO SCREEN	Area of Minimal Flood Hazard Zone X
Effective LOMRs	Area of Undetermined Flood Hazard Zone
Channel, Culvert, or Storm Sewer	Levee, Dike, or Floodwall

GENERAL STRUCTURES

20.2	Cross Sections with 1% Annual Chance
17.5	Water Surface Elevation
Coastal Transect	Base Flood Elevation Line (BFE)
Limit of Study	Jurisdiction Boundary
Coastal Transect Baseline	Profile Baseline
Hydrographic Feature	

OTHER FEATURES

Digital Data Available	No Digital Data Available	Unmapped
------------------------	---------------------------	----------

MAP PANELS



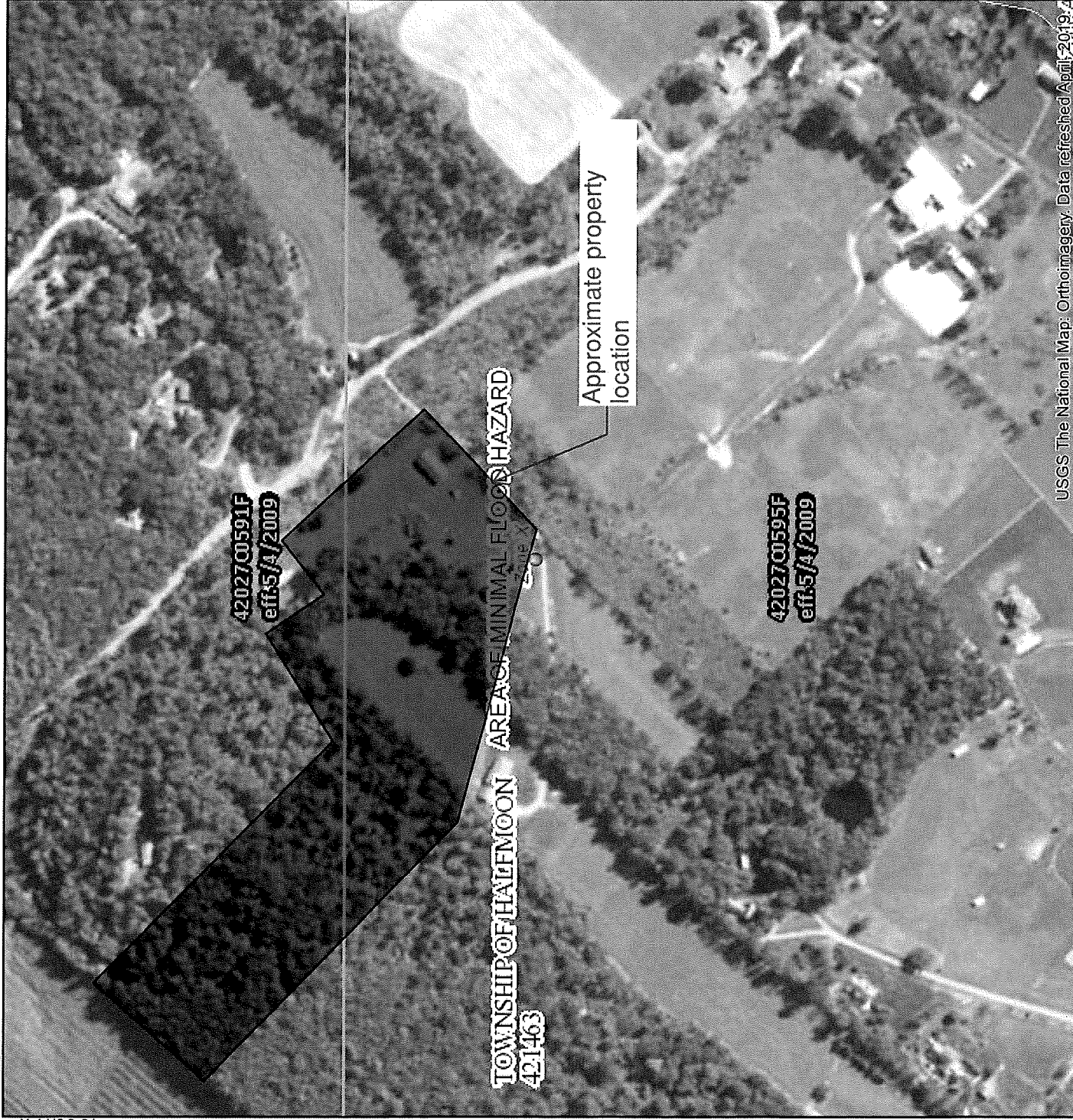
The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 1/27/2020 at 8:45:39 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRW panel number, and FIRW effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

78°2'30.69"W



USGS The National Map: Orthoimagery. Data refreshed April 2019.











WETLAND MAP



January 21, 2020

Wetlands

- | | | | | | |
|---|--------------------------------|---|-----------------------------------|---|----------|
|  | Estuarine and Marine Deepwater |  | Freshwater Emergent Wetland |  | Lake |
|  | Estuarine and Marine Wetland |  | Freshwater Forested/Shrub Wetland |  | Other |
| | |  | Freshwater Pond |  | Riverine |

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

PENNA. DEED — FREE SIMPLER

The Plankenhorn Co., Williamsport, Pa. 17701

BOOK 405 PAGE 198

This Indenture,

MADE the

9TH day of JUNE

in the year nineteen hundred and eighty-one (1981)

BETWEEN ROBERT A. WOOD and LAUREL C. WOOD, his wife, of Halfmoon Township, Centre County, Pennsylvania, GRANTORS, parties of the first part,

-A
N
D-

ELWOOD L. SEIFERT and KATHLEEN S. SEIFERT, his wife, as tenants by entireties, of Halfmoon Township, Centre County, Pennsylvania, GRANTEES, parties

of the second part, WITNESSETH, That said parties of the first part, for and in consideration of the sum of ZERO AND 00/100 (\$0.00)

Dollars, lawful money of the United States of America, well and truly paid by the said parties of the second part to the said parties of the first part, at and before the sealing and delivery of these presents, the receipt whereof is hereby acknowledged, have granted, bargained, sold, aliened, enfeoffed, released, conveyed and confirmed, and by these presents do grant, bargain, sell, alien, enfeoff, release, convey and confirm unto the said parties of the second part, their heirs and assigns.

ALL that certain right-of-way situate in Halfmoon Township, Centre County, Pennsylvania, more accurately bounded and described as follows, to-wit:

BEGINNING at the center line of Legislative Route 405; thence South 47 degrees 37 minutes 25 seconds West along land of Wood 154.50 feet to line of land of Seifert; thence along Seifert line South 39 degrees 3 minutes 52 seconds East 50.31 feet to a point; thence along other lands of Wood North 47 degrees 37 minutes 25 seconds East 155.00 feet to a point and the center line of Legislative Route 405; thence along the center line of Legislative Route 405 north 45 degrees 24 minutes 49 seconds West 50 feet to a point, the place of beginning.

BEING a portion of the same premises which became vested in the Grantors herein by deed from Mary M. Mattern, Administratrix of the Estate of Samuel W. Mattern et al., dated May 20, 1976, and recorded in the Recorder's Office of Centre County in Deed Book Volume 360 at page 560.

This is a corrective deed conveying to the Grantees herein a right-of-way which was previously incorrectly described in a deed between the parties hereto dated January 11, 1977, and recorded in the Recorder's Office of Centre County Book Volume 336 at page 316.

TOGETHER with all and singular the tenements, hereditaments and appurtenances to the same belonging, or in anywise appertaining, and the reversion and reversions, remainder and remainders, rents, issues and profits thereof; AND ALSO all the estate, right, title, interest, property, claim and demand whatsoever, both in law and equity, of the said parties of the first part, of, in, to or out of the said premises, and every part and parcel thereof.

TO HAVE AND TO HOLD the said premises, with all and singular the appurtenances, unto the said parties of the second part, their heirs and assigns, to and for the only proper use and behoof of said parties of the second part, their heirs and assigns forever.

AND the said

heirs, executors, and administrators, do by these presents, covenant, grant and agree to and with the said parties of the second part, their heirs and assigns, that they the said Grantors, their

heirs, all and singular the hereditaments and premises herein above described and granted, or mentioned and intended so to be, with the appurtenances unto the said parties of the second part, their heirs and assigns, against the said parties of the first part and their heirs, and against all and every other person or persons, whomsoever, lawfully claiming or to claim the same or any part thereof,

shall and will, by these presents, WARRANT AND FOREVER DEFEND.

IN WITNESS WHEREOF, the said parties of the first part have hereunto set their hands and seals, the day and year first written above.

SIGNED, SEALED AND DELIVERED
IN THE PRESENCE OF

..... ROBERT A. WOOD (SEAL)
..... LAUREL C. WOOD (SEAL)
..... (SEAL)
..... (SEAL)
..... (SEAL)

CERTIFICATE OF RESIDENCE

I, hereby certify that the precise residence of the grantee s herein is as follows

125 E IRVIN AVE. STATE COLLEGE, PA 16801
..... Attorney or Agent for Grantee

COMMONWEALTH OF PENNSYLVANIA

County of Centre } SS:

On this, the 9th day of June 1981, before me a Notary Public

the undersigned officer, personally appeared ROBERT A. WOOD and LAUREL C. WOOD, his wife,

known to me (or satisfactorily proven) to be the person s whose name s are subscribed to the within instrument, and acknowledged that they executed the same for the purpose therein contained.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal.

DEBORAH A. HUGHES, Notary Public
State College, Centre Co., Pa.
My Commission Expires Oct. 17, 1983

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