

**Pennsylvania Game Commission  
Bureau of Wildlife Habitat Management**

**Division of Environmental Planning  
And  
Habitat Protection**



AN EMPLOYEE-OWNED COMPANY

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717.564.1121  
FAX 717.564.1158  
www.hrg-inc.com

**CERTIFIED MAIL  
RETURN RECEIPT REQUESTED**

September 26, 2018

Pennsylvania Game Commission  
Bureau of Wildlife Habitat Management  
Division of Environmental Planning and Habitat Protection  
2001 Elmerton Avenue  
Harrisburg, Pennsylvania 17110-9797

Re: **PNDI Project Environmental Review  
Halifax Township Act 537 Plan  
Halifax Township, Dauphin County, Pennsylvania**

Dear Sir or Madam:

I am contacting you to request comment on possible impact upon natural resources within your jurisdiction. Please find enclosed one (1) copy each of the following:

- Project narrative
- USGS map
- National Wetland Inventory maps
- PNDI Project Environmental Review Receipt for Halifax Township Act 537 Plan (PNDI-667792)
- Proposed sewer extension exhibit

Please contact me if you have any questions or need further information. I look forward to hearing from you.

Very Truly Yours,

**Herbert, Rowland & Grubic, Inc.**

Cory J. Salmon, E.I.T., PMP  
Project Manager

CJS/JH  
002838.0426

P:\0028\002838\_0426\Admin\ACT 537 Plan\Draft Report\Appendices\Appendix J - Correspondence\PNDI\01 PAGC Letter.doc

Enclosures

c: File

**Halifax Township  
Act 537 Plan  
PNDI Project Environmental Review**

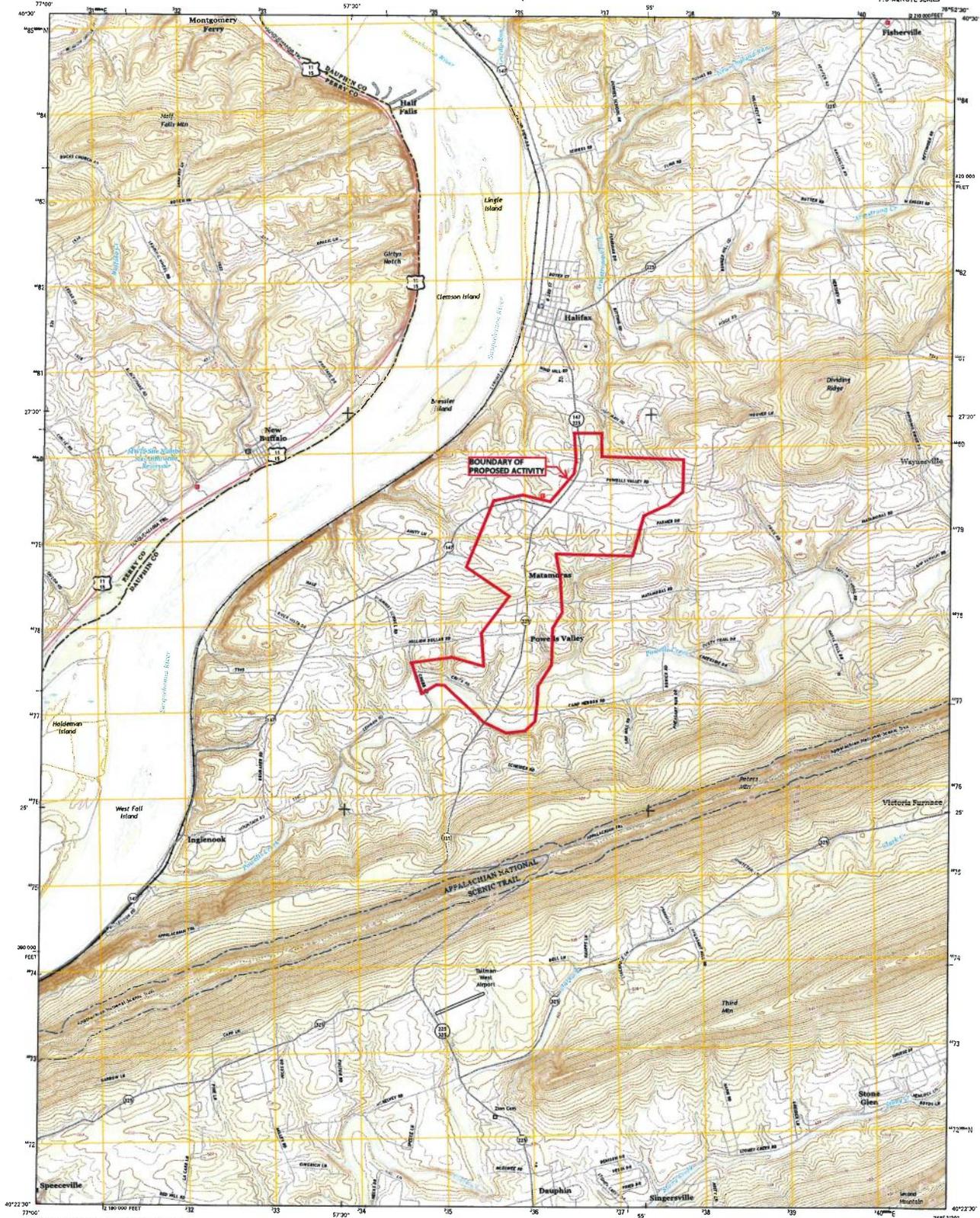
**Project Narrative**

Halifax Township is currently preparing an Act 537 Plan for the entire Township. There are three focus areas in the Township. The first focus area generally consists of the Matamoras, Route 147 & 225, and Triangle & Lenker Estates areas located within the Township. The second and third focus areas are the areas surrounding the community of Tourist Park and surrounding the Fetterhoff Church, both located within the Township.

At this time, the only sewer extension proposed to be included in the 0-5 year planning period for the Township will serve the Matamoras, Route 147 & 225, and Triangle & Lenker Estates areas. The proposed sewer extension is indicated on the attached map. Sewer like construction work in this area will likely involve the installation of a combination of gravity sewer main, low-pressure sewer main, pumping station and individual grinder pump units at select residences. The sewer installation will connect to the existing Halifax Area Water and Sewer Authority's collection system near the intersection of Routes 147 and 225 in Halifax Township.

The PNDI search indicated the project may have a potential impact upon natural resources within your jurisdiction. Attached are the USGS and National Wetland Inventory maps with the approximate boundary of proposed activity identified. In addition, an exhibit with the proposed sewer extension has been included. With the exception of proposed pump stations, all new facilities will be constructed below grade, mostly within Township and PennDOT rights-of-way.

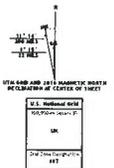
The total area studied is the entire Halifax Township which comprises approximately 20,339 acres. The disturbance from the potential Matamoras sewer extension would be approximately five (5) acres.



Produced by the United States Geological Survey  
North American Datum of 1983 (NAD83)  
World Geodetic System of 1984 (WGS84). Projection and  
1:80,000 scale Universal Transverse Mercator. Zone 18T  
18 (Datum: WGS84). Horizontal Coordinate System of 1983  
(Zone 18T, Zone 18)

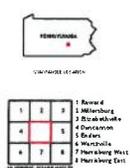
This map is not a legal document. Boundaries may be  
generalized for this map scale. Private land and other government  
acquisitions may not be shown. Obtain permission before  
using private land.

Map Data:  
Base: USGS, 2013  
Roads: U.S. Census Bureau, 2013  
Hydrography: National Hydrography Dataset, 2013  
Contour: National Geographic, 2013  
Boundaries: Multiple sources, as modified by 1972-2015  
Water: FWS National Wetlands Inventory 1977-2014



SCALE 1:24,000  
CONTOUR INTERVAL 20 FEET  
NORTH AMERICAN VERTICAL DATUM OF 1983

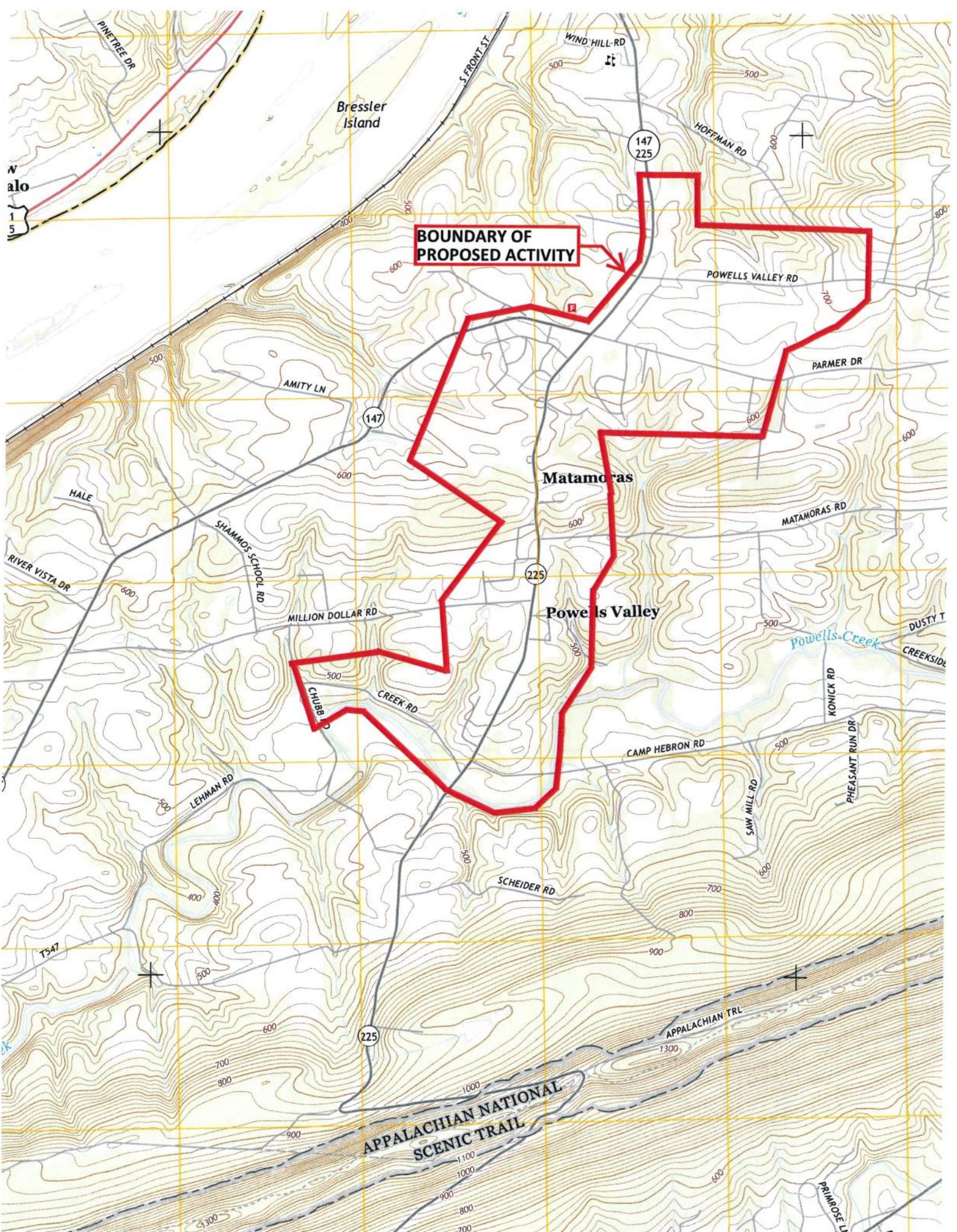
This map was produced to conform with the  
National Geographic Program US Topo Product Standard, 2011.  
A metadata file associated with this product is draft version 8.0.10



**ROAD CLASSIFICATION**

- Expressway
- Secondary Hwy
- Paved
- Unimproved
- Local Road
- Local Road
- US Route
- State Route





**BOUNDARY OF PROPOSED ACTIVITY**

**Matamoras**

**Powells Valley**

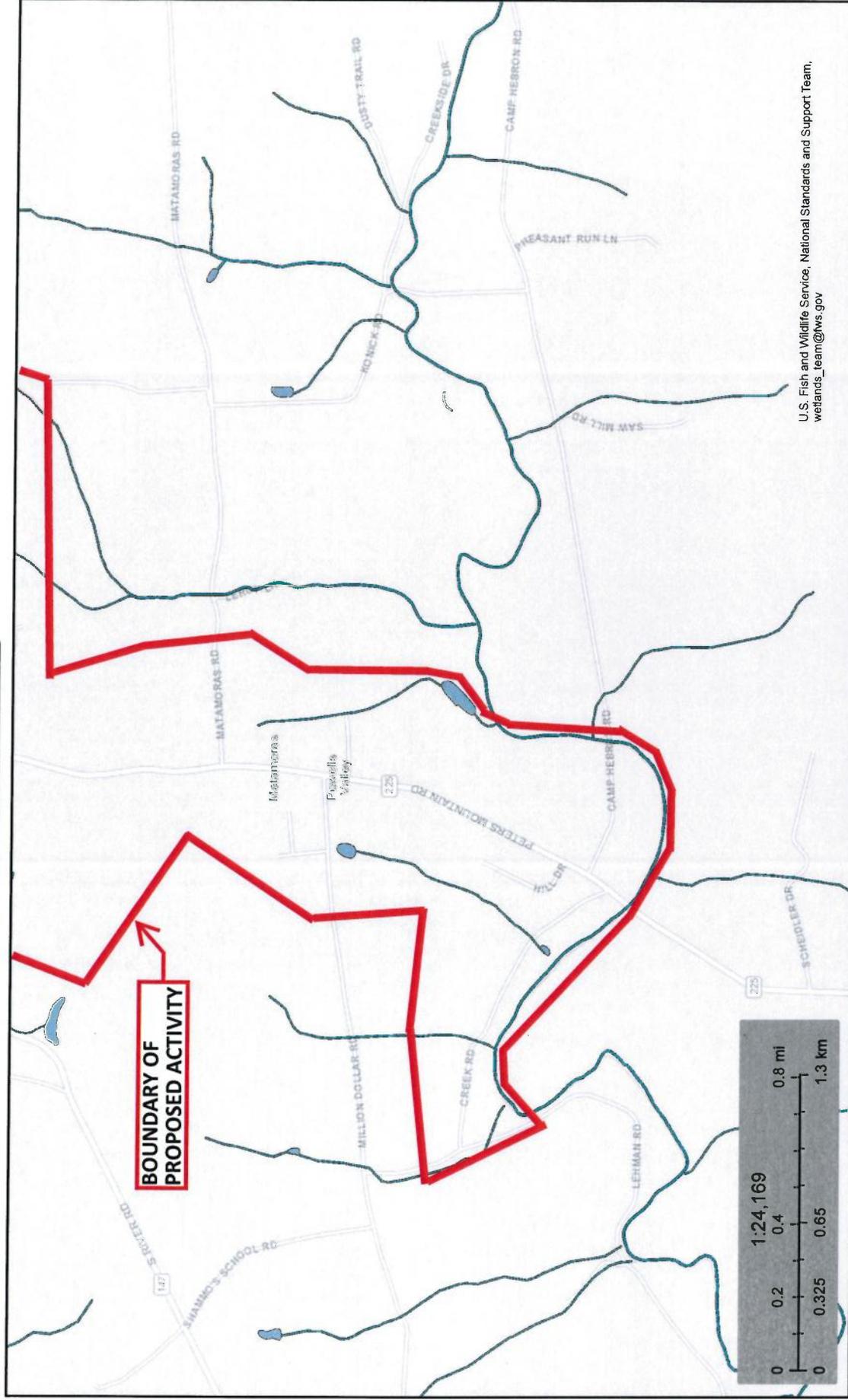
**APPALACHIAN NATIONAL SCENIC TRAIL**



U.S. Fish and Wildlife Service

# National Wetlands Inventory

# Wetlands - Lower Matamoras Extension



September 25, 2018

## Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

- Lake
- Other
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Riverine

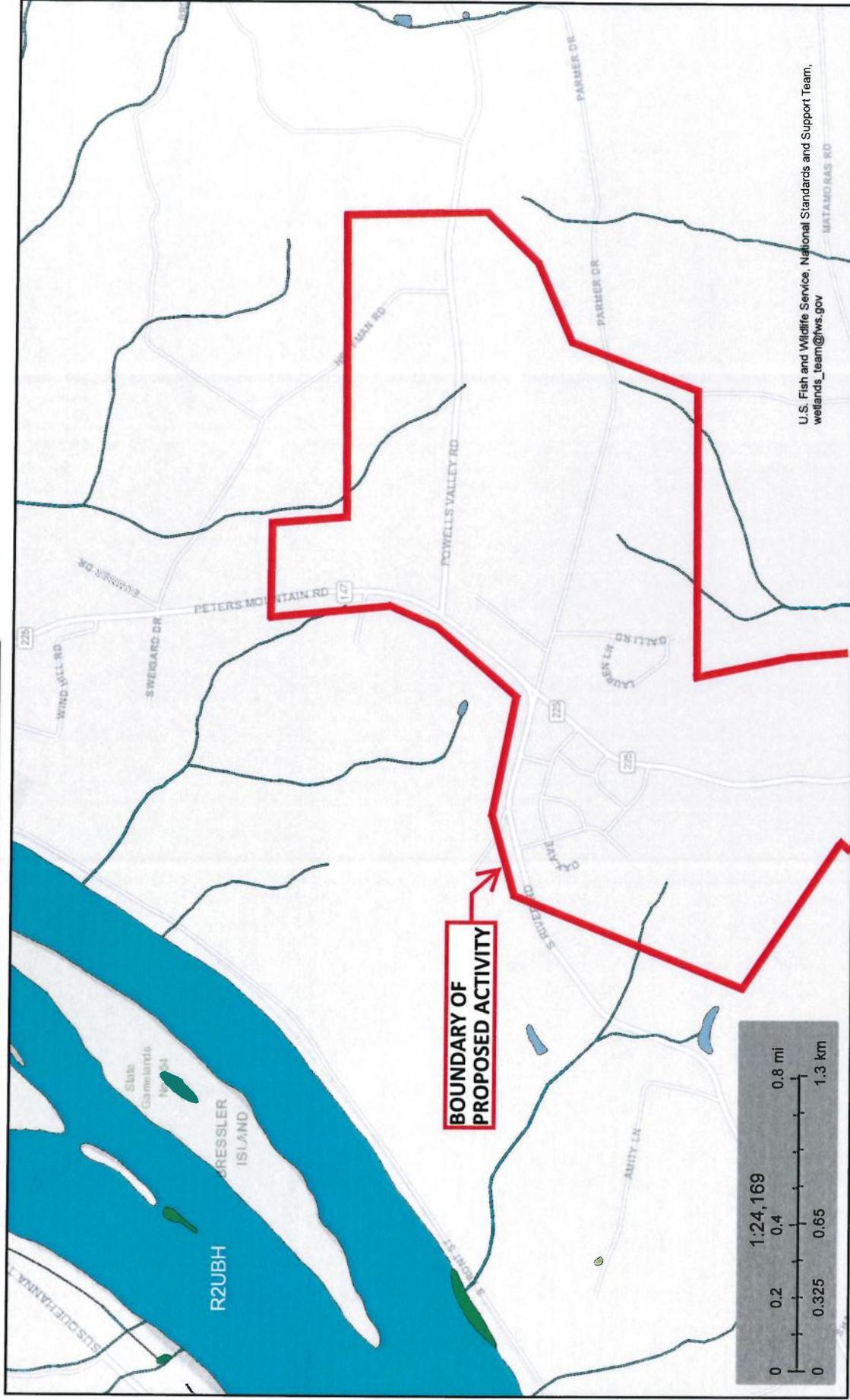
This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.



U.S. Fish and Wildlife Service

# National Wetlands Inventory

## Wetlands - Upper Matamoras Extension



U.S. Fish and Wildlife Service, National Standards and Support Team, wetlands\_team@fws.gov

September 25, 2018

### Wetlands

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

## 1. PROJECT INFORMATION

Project Name: **Halifax Township Act 537 Plan**

Date of Review: **9/25/2018 07:16:29 PM**

Project Category: **Waste Transfer, Treatment, and Disposal, Liquid waste/Effluent, Sewage module/Act 537 plan**

Project Area: **1,013.72 acres**

County(s): **Dauphin**

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

ZIP Code: **17032**

Quadrangle Name(s): **HALIFAX**

Watersheds HUC 8: **Lower Susquehanna-Penns**

Watersheds HUC 12: **Armstrong Creek; Haldeman Island-Susquehanna River; Powell Creek**

Decimal Degrees: **40.442166, -76.930622**

Degrees Minutes Seconds: **40° 26' 31.7962" N, 76° 55' 50.2403" W**

## 2. SEARCH RESULTS

Agency	Results	Response
PA Game Commission	Potential Impact	<b>FURTHER REVIEW IS REQUIRED, See Agency Response</b>
PA Department of Conservation and Natural Resources	No Known Impact	No Further Review Required
PA Fish and Boat Commission	No Known Impact	No Further Review Required
U.S. Fish and Wildlife Service	No Known Impact	No Further Review Required

As summarized above, Pennsylvania Natural Diversity Inventory (PNDI) records indicate there may be potential impacts to threatened and endangered and/or special concern species and resources within the project area. If the response above indicates "No Further Review Required" no additional communication with the respective agency is required. If the response is "Further Review Required" or "See Agency Response," refer to the appropriate agency comments below. Please see the DEP Information Section of this receipt if a PA Department of Environmental Protection Permit is required.

### Halifax Township Act 537 Plan

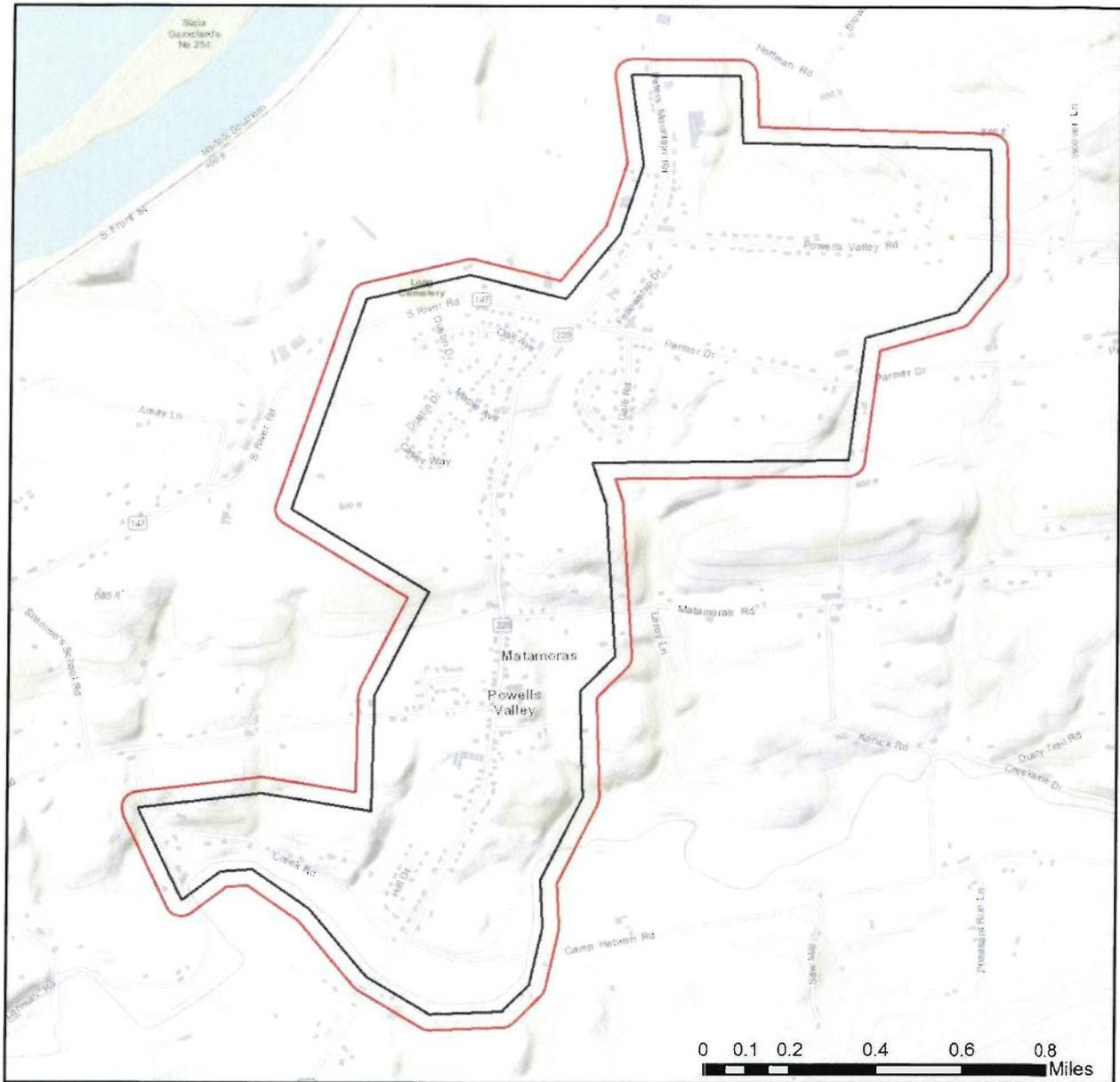


- Project Boundary
- Buffered Project Boundary



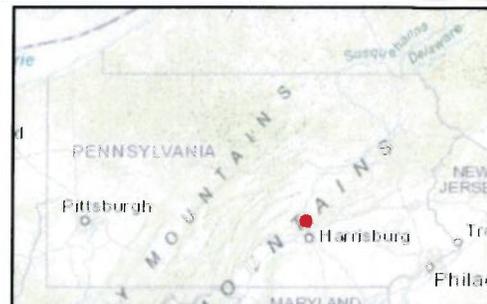
Service Layer Credits: Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community  
Esri, HERE, Garmin, ©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

### Halifax Township Act 537 Plan



- 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,



### 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:

Further review of this project is necessary to resolve the potential impact(s). Please send project information to this agency for review (see WHAT TO SEND).

**PGC 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*

#### PA Department of Conservation and Natural Resources

##### RESPONSE:

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

#### PA Fish and Boat Commission

##### RESPONSE:

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

#### U.S. Fish and Wildlife Service

##### RESPONSE:

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

\* 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.

## WHAT TO SEND TO JURISDICTIONAL AGENCIES

If project information was requested by one or more of the agencies above, upload\* or email\* the following information to the agency(s). Instructions for uploading project materials can be found [here](#). This option provides the applicant with the convenience of sending project materials to a single location accessible to all three state agencies. Alternatively, applicants may email or mail their project materials (see AGENCY CONTACT INFORMATION).

**\*Note:** U.S. Fish and Wildlife Service requires applicants to mail project materials to the USFWS PA field office (see AGENCY CONTACT INFORMATION). USFWS will not accept project materials submitted electronically (by upload or email).

### Check-list of Minimum Materials to be submitted:

\_\_\_ Project narrative with a description of the overall project, the work to be performed, current physical characteristics of the site and acreage to be impacted.

\_\_\_ A map with the project boundary and/or a basic site plan (particularly showing the relationship of the project to the physical features such as wetlands, streams, ponds, rock outcrops, etc.)

In addition to the materials listed above, **USFWS REQUIRES** the following

\_\_\_ **SIGNED** copy of a Final Project Environmental Review Receipt

### The inclusion of the following information may expedite the review process.

\_\_\_ Color photos keyed to the basic site plan (i.e. showing on the site plan where and in what direction each photo was taken and the date of the photos)

\_\_\_ Information about the presence and location of wetlands in the project area, and how this was determined (e.g., by a qualified wetlands biologist), if wetlands are present in the project area, provide project plans showing the location of all project features, as well as wetlands and streams.

## 4. DEP INFORMATION

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

## 5. ADDITIONAL INFORMATION

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

For a list of species known to occur in the county where your project is located, please see the species lists by county found on the PA Natural Heritage Program (PNHP) home page ([www.naturalheritage.state.pa.us](http://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](mailto: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](mailto: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](mailto:RA-PGC_PNDI@pa.gov)  
NO Faxes Please

## 7. PROJECT CONTACT INFORMATION

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

## 8. CERTIFICATION

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

\_\_\_\_\_  
applicant/project proponent signature

\_\_\_\_\_  
date

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400 Market Street, PO Box 8552  
Harrisburg, PA 17105-8552  
Email: [RA-HeritageReview@pa.gov](mailto: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](mailto:RA-FBPACENOTIFY@pa.gov)

### PA Game Commission

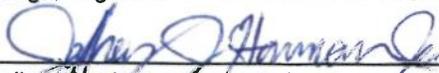
Bureau of Wildlife Habitat Management  
Division of Environmental Planning and Habitat Protection  
2001 Elmerton Avenue, Harrisburg, PA 17110-9797  
Email: [RA-PGC\\_PNDI@pa.gov](mailto:RA-PGC_PNDI@pa.gov)  
NO Faxes Please

## 7. PROJECT CONTACT INFORMATION

Name: JEFF HARMAN  
Company/Business Name: HERBERT ROWLAND & GRUBIC, INC.  
Address: 369 EAST PARK DRIVE  
City, State, Zip: HARRISBURG, PA 17111  
Phone: (717) 564-1121 Fax: (717) 564-1158  
Email: JHARMAN@HRG-INC.COM

## 8. CERTIFICATION

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

  
applicant/project proponent signature

9/25/2018  
date

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT OF THE RETURN ADDRESS. FOLD AT DOTTED LINE.  
**CERTIFIED MAIL®**



7016 1970 0000 5211 7357  
 7016 1970 0000 5211 7357

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<input type="checkbox"/> Return Receipt (hardcopy)	\$	
<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	\$	
Total P	\$	002838.0426
Sent To	Pennsylvania Game Commission	
Street	Bureau of Wildlife Habitat Mgmt.	
City, St	Division of Environmental Planning	
	2001 Elmerton Avenue	
	Harrisburg, PA 17110-9797	

Postmark Here

PS Form 3800, April 2015 PSN 7530-02-000-9047 \*See Reverse for Instructions

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> <li>Complete items 1, 2, and 3.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>	<p>A. Signature <input type="checkbox"/> Agent  <input checked="" type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) C. Date of Delivery</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>002838.0426                  Pennsylvania Game Commission                  Bureau of Wildlife Habitat Mgmt.                  Division of Environmental Planning                  2001 Elmerton Avenue                  Harrisburg, PA 17110-9797</p> <p>9590 9402 2117 6132 1117 83</p>	<p>3. Service Type</p> <p><input type="checkbox"/> Priority Mail Express®  <input type="checkbox"/> Registered Mail™  <input type="checkbox"/> Registered Mail Restricted Delivery  <input checked="" type="checkbox"/> Certified Mail®  <input type="checkbox"/> Certified Mail Restricted Delivery  <input type="checkbox"/> Collect on Delivery  <input checked="" type="checkbox"/> Return Receipt for Merchandise  <input type="checkbox"/> Signature Confirmation™  <input type="checkbox"/> Signature Confirmation Restricted Delivery</p>
<p>2 Article Number (Transfer from service label)</p> <p>7016 1970 0000 5211 7357</p>	<p><input type="checkbox"/> Adult Signature  <input type="checkbox"/> Adult Signature Restricted Delivery  <input type="checkbox"/> Certified Mail Restricted Delivery  <input type="checkbox"/> Collect on Delivery Restricted Delivery  <input type="checkbox"/> Insured Mail  <input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)</p>

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Extra Services & Fees (check box, add fee as appropriate)

Return Receipt (hardcopy) \$ \_\_\_\_\_

Return Receipt (electronic) \$ \_\_\_\_\_

Certified Mail Restricted Delivery \$ \_\_\_\_\_

Adult Signature Required \$ \_\_\_\_\_

Adult Signature Restricted Delivery \$ \_\_\_\_\_



Postage \$ \_\_\_\_\_

Total P **002838.0426**

Sent To **Pennsylvania Game Commission**

Street **Bureau of Wildlife Habitat Mgmt.**

City, St **Division of Environmental Planning**  
**2001 Elmerton Avenue**  
**Harrisburg, PA 17110-9797**

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7016 1970 0000 5211 7357

**SENDER: COMPLETE THIS SECTION**

- 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.

1 Article Addressed to:  
**002838.0426**  
**Pennsylvania Game Commission**  
**Bureau of Wildlife Habitat Mgmt.**  
**Division of Environmental Planning**  
**2001 Elmerton Avenue**  
**Harrisburg, PA 17110-9797**



2 Article Number (Transfer from service label)  
**7016 1970 0000 5211 7357**

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature *[Signature]*  Agent  Addressee

B. Received by (Printed Name) *[Signature]* C. Date of Delivery **9-28-18**

D. Is delivery address different from item 1?  Yes  No  
 If YES, enter delivery address below:

**OCT 01 2018**  
**HRG**

3. Service Type

Adult Signature

Adult Signature Restricted Delivery

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Collect on Delivery Restricted Delivery

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Insured Mail Restricted Delivery (over \$500)

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Registered Mail Restricted Delivery

Return Receipt for Merchandise

Signature Confirmation™

Signature Confirmation Restricted Delivery

PS Form 3811, July 2015 PSN 7530-02-000-9053

Domestic Return Receipt



November 6, 2018

Mr. Jeff Harman  
Herbert, Rowland & Grubic, Inc.  
369 East Park Drive  
Harrisburg, Pennsylvania 17111  
[jharman@hrg-inc.com](mailto:jharman@hrg-inc.com)

PNDI Receipt File: *project\_receipt\_halifax\_township\_act\_537\_\_667792\_FINAL\_1.pdf*  
Re: Halifax Township Act 537 Plan  
Halifax Township, Dauphin County, Pennsylvania

Dear Mr. Harman,

Thank you for submitting Pennsylvania Natural Diversity Inventory (PNDI) Environmental Review Receipt *project\_receipt\_halifax\_township\_act\_537\_\_667792\_FINAL\_1.pdf* for review. The Pennsylvania Game Commission (PGC) screened this project for potential impacts to species and resources of concern under PGC responsibility, which includes birds and mammals only.

### **No Impact Anticipated**

PNDI records indicate species or resources of concern are located within the vicinity of the project. However, based on the information you submitted concerning the nature of the project, the immediate location, and our detailed resource information, the PGC has determined that no impact is likely. Therefore, no further coordination with the PGC will be necessary for this project at this time.

This response represents the most up-to-date summary of the PNDI data files and is valid for two (2) years from the date of this letter. An absence of recorded information does not necessarily imply actual conditions on site. Should project plans change or additional information on listed or proposed species become available, this determination may be reconsidered.

Should the proposed work continue beyond the period covered by this letter, please resubmit the project to this agency as an "Update" (including an updated PNDI receipt, project narrative and accurate map). If the proposed work has not changed and no additional information concerning listed species is found, the project will be cleared for PNDI requirements under this agency for two additional years.

This finding applies to impacts to birds and mammals only. To complete your review of state and federally-listed threatened and endangered species and species of special concern, please be sure that the U.S. Fish and Wildlife Service, the PA Department of Conservation and Natural

Mr. Jeff Harman

November 6, 2018

Resources, and/or the PA Fish and Boat Commission have been contacted regarding this project as directed by the online PNDI ER Tool found at [www.naturalheritage.state.pa.us](http://www.naturalheritage.state.pa.us).

Sincerely,



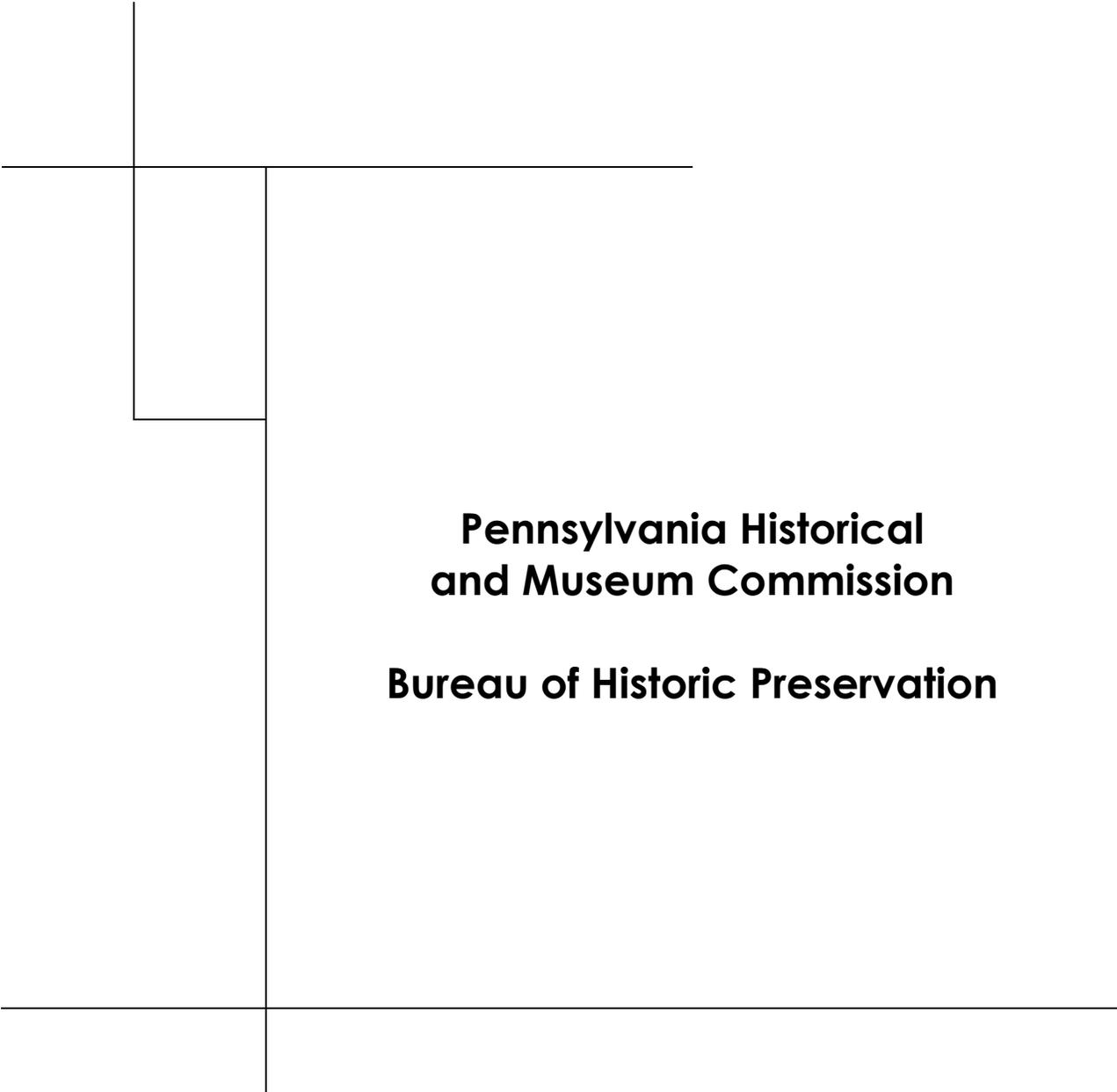
Olivia A. Braun  
Environmental Planner  
Division of Environmental Planning & Habitat Protection  
Bureau of Wildlife Habitat Management  
Phone: 717-787-4250, Extension 3128  
Fax: 717-787-6957  
E-mail: Olbraun@pa.gov

A PNHP Partner



OAB/oab

cc: File



**Pennsylvania Historical  
and Museum Commission**

**Bureau of Historic Preservation**



AN EMPLOYEE-OWNED COMPANY

369 East Park Drive  
Harrisburg, PA 17111  
717.564.1121  
FAX 717.564.1158  
www.hrg-inc.com

**CERTIFIED MAIL  
RETURN RECEIPT REQUESTED**

September 26, 2018

Pennsylvania Historical and Museum Commission  
Bureau of Historic Preservation  
400 North Street, Second Floor  
Harrisburg, Pennsylvania 17120-0093

Re: **Halifax Township Act 537 Plan  
Halifax Township, Dauphin County, Pennsylvania**

Dear Sir or Madam:

Attached is a Cultural Resource Notice and supplemental material relative to the above referenced project. Please review and comment at your earliest convenience.

Please contact me if you have any questions or need further information. I look forward to hearing from you.

Very Truly Yours,

**Herbert, Rowland & Grubic, Inc.**

Cory J. Salmon, E.I.T., PMP  
Project Manager

CJS/JH

002838.0426

P:\0028\002838\_0426\Admin\ACT 537 Plan\Draft Report\Appendices\Appendix J - Correspondence\PHMC\01 PHMC Letter.doc

Enclosures

c: File



## CULTURAL RESOURCE NOTICE

### APPLICANT'S ✓ CHECKLIST

Please check the following list to make sure that you have included all the required information. Place a checkmark in the column provided for all items completed and/or provided.

Failure to provide all of the requested information will delay the processing of the application and may result in the application being placed on hold with no action, or will be considered withdrawn and the application file closed.

	Requirement	Check ✓ If Included
<b>1.</b>	<b>Attachments, where appropriate</b>	
	a) Section B - Additional municipality information.	
	b) Section B - Additional county information.	
	c) Section H - 7.5' USGS Map (with defined boundaries of proposed activity).	✓
	d) Section H - Narrative description of proposed activity.	✓
	e) Section H - Photographs of any buildings over 50 years old. Indicate what is to be done to all buildings in the project area.	
	f) Section H - Total acres in property under review. Of this acreage, total acres of earth disturbance for the proposed activity.	✓
	g) Return receipt of delivery of Cultural Resource Notice to the Pennsylvania Historical and Museum Commission.	✓
<b>2.</b>	<b>Mailings</b>	
	a) Notice mailed to PHMC on <u>9/26/2018</u>	
	b) Received return receipt from PHMC on _____.	
	c) Submitted application to DEP Regional, Central, District Mining or Oil and Gas Mgmt. Office on _____ with copy of return receipt from PHMC as proof of submittal. or	
	d) Submitted application to County Conservation District Office on _____ with copy of Return Receipt from PHMC as proof of submittal.	
	<b>Requests</b>	Check ✓ If Included
<b>3.</b>	<b>Attachments requested, where appropriate</b>	
	a) Section H - Photographs of any buildings over 40 years old.	N/A
	b) Section H - Site maps of the proposed activity, if available.	✓



# PROJECT REVIEW FORM

## Request to Initiate SHPO Consultation on State and Federal Undertakings

<b>SHPO USE ONLY</b>		Reviewers: ___/___
DATE RECEIVED:	DATE DUE:	
ER NUMBER:	HRSF: _____	

### SECTION A: PROJECT NAME & LOCATION

REV: 06/2018

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

Project Name Halifax Township Act 537 Plan County Dauphin Municipality Halifax Township

Project Address Matamoras & Surrounding Areas City/State/ Zip Halifax PA 17032

### SECTION B: CONTACT INFORMATION & MAILING ADDRESS

Name Cory J. Salmon, E.I.T. Phone (717) 564-1121

Company Herbert, Rowland & Grubic, Inc. Fax (717) 564-1158

Street/PO Box 369 East Park Drive Email csalmon@hrg-inc.com

City/State/Zip Harrisburg PA 17111

### 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	PENNVEST	
	Federal	USDA Rural Development	

#### 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: 20,339 Total acres of earth disturbance: 5

Are there any buildings or structures within the project area?  Yes  No Approximate age of buildings: None Disturbed

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
	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	

**Please print and mail completed form and all attachments to:**

**PHMC**  
**State Historic Preservation Office**  
**400 North St.**  
**Commonwealth Keystone Building, 2<sup>nd</sup> 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)

- |  |   |
|--|---|
| <input type="checkbox"/> There are <b>NO HISTORIC PROPERTIES</b> in the Area of Potential Effect | <input type="checkbox"/> The project will have <b>NO ADVERSE EFFECTS WITH CONDITIONS</b> (see attached) |
| <input type="checkbox"/> The project will have <b>NO EFFECT</b> on historic properties           | <input type="checkbox"/> <b>SHPO REQUESTS ADDITIONAL INFORMATION</b> (see attached)                     |
| <input type="checkbox"/> The project will have <b>NO ADVERSE EFFECTS</b> on historic properties: |   |

SHPO REVIEWER: \_\_\_\_\_ DATE: \_\_\_\_\_

**Halifax Township  
Act 537 Plan  
PHMC Request**

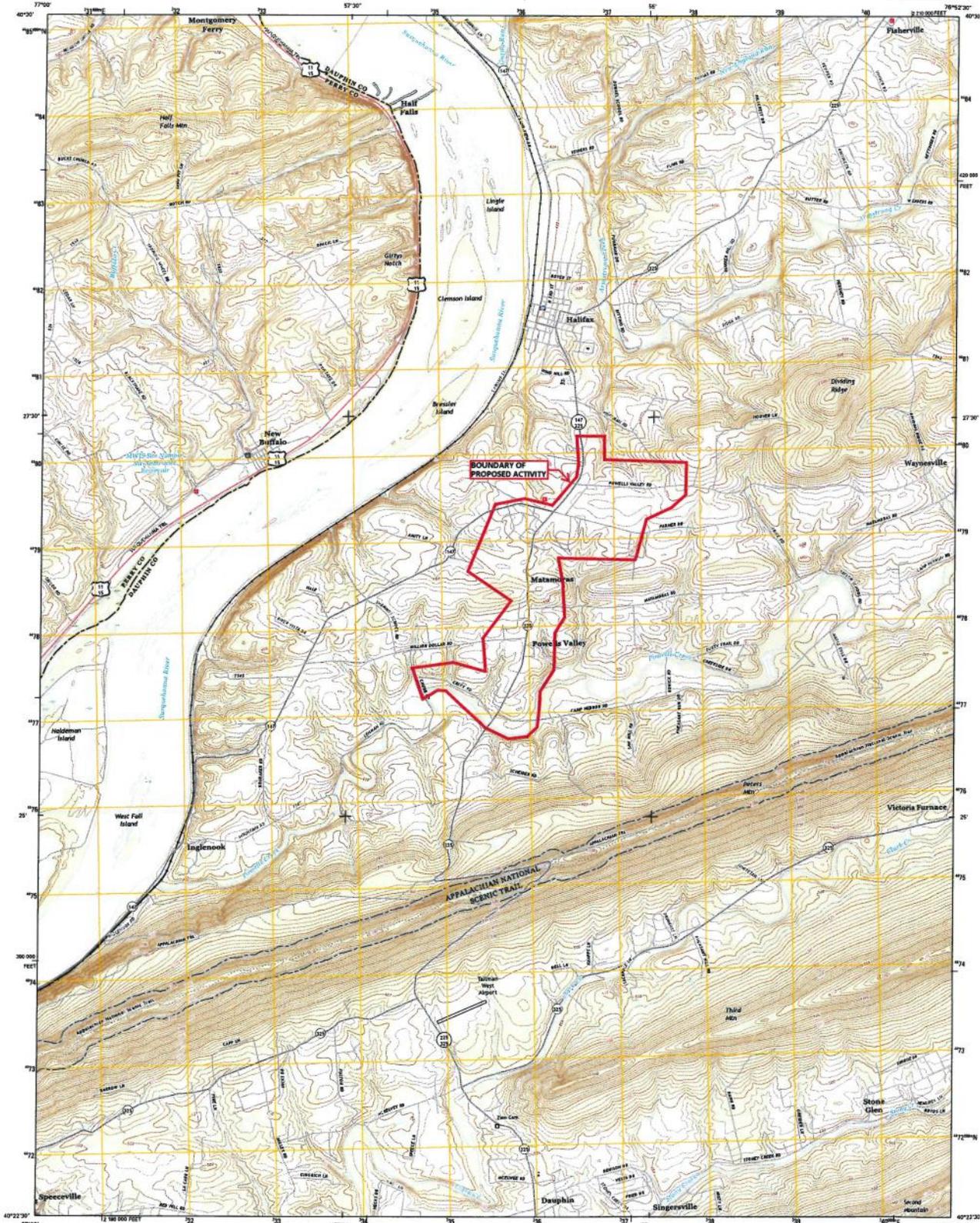
**Project Narrative**

Halifax Township is currently preparing an Act 537 Plan for the entire Township. There are three focus areas in the Township. The first focus area generally consists of the Matamoras, Route 147 & 225, and Triangle & Lenker Estates areas located within the Township. The second and third focus areas are the areas surrounding the community of Tourist Park and surrounding the Fetterhoff Church, both located within the Township.

At this time, the only sewer extension proposed to be included in the 0-5 year planning period for the Township will serve the Matamoras, Route 147 & 225, and Triangle & Lenker Estates areas. The proposed sewer extension is indicated on the attached map. Sewer like construction work in this area will likely involve the installation of a combination of gravity sewer main, low-pressure sewer main, pumping station and individual grinder pump units at select residences. The sewer installation will connect to the existing Halifax Area Water and Sewer Authority's collection system near the intersection of Routes 147 and 225 in Halifax Township.

Some of the structures in this area may be over 50 years old. However, none of the structures within the area will be impacted by this project, as all new facilities – with the exception of proposed pump stations – will be constructed below grade, mostly within Township and PennDOT rights-of-way.

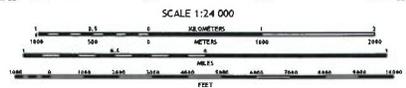
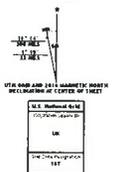
The total area studied is the entire Halifax Township which comprises approximately 20,339 acres. The disturbance from the potential Matamoras sewer extension would be approximately five (5) acres.



Produced by the United States Geological Survey  
North American Datum of 1983 (NAD83)  
Maple Coordinate System of 1983 (MCS83) Projection and  
1-foot contour grid. Universal Transverse Mercator, Zone 18T  
(180000 Easting; 4800000 Northing; Coordinate System of 1983  
(meters))

This map is not a legal document. Boundaries may be  
generalized for this map scale. Private land within government  
control may not be shown. Obtain permission before  
entering private lands.

Boundary: 1983  
Road: U.S. Census Bureau, 2015  
Water: U.S. Census Bureau, 2015  
Hydrography: National Hydrography Dataset, 2015  
Contour: National Contour Dataset, 2015  
Boundary: Multiple sources; the metadata file 1972-1014  
Wetland: FWS National Wetland Inventory 1977-2014



CONTOUR INTERVAL: 10 FEET  
NORTH AMERICAN DATUM OF 1983

This map was produced in conformance with the  
National Geospatial Program US Topo Product Standard, 2011.  
A metadata file associated with this product is draft version 0.6.10

**ROAD CLASSIFICATION**

- Expressway
- Secondary Hwy
- Route
- Local Connector
- Local Road
- and
- State Route

**ROAD CLASSIFICATION**

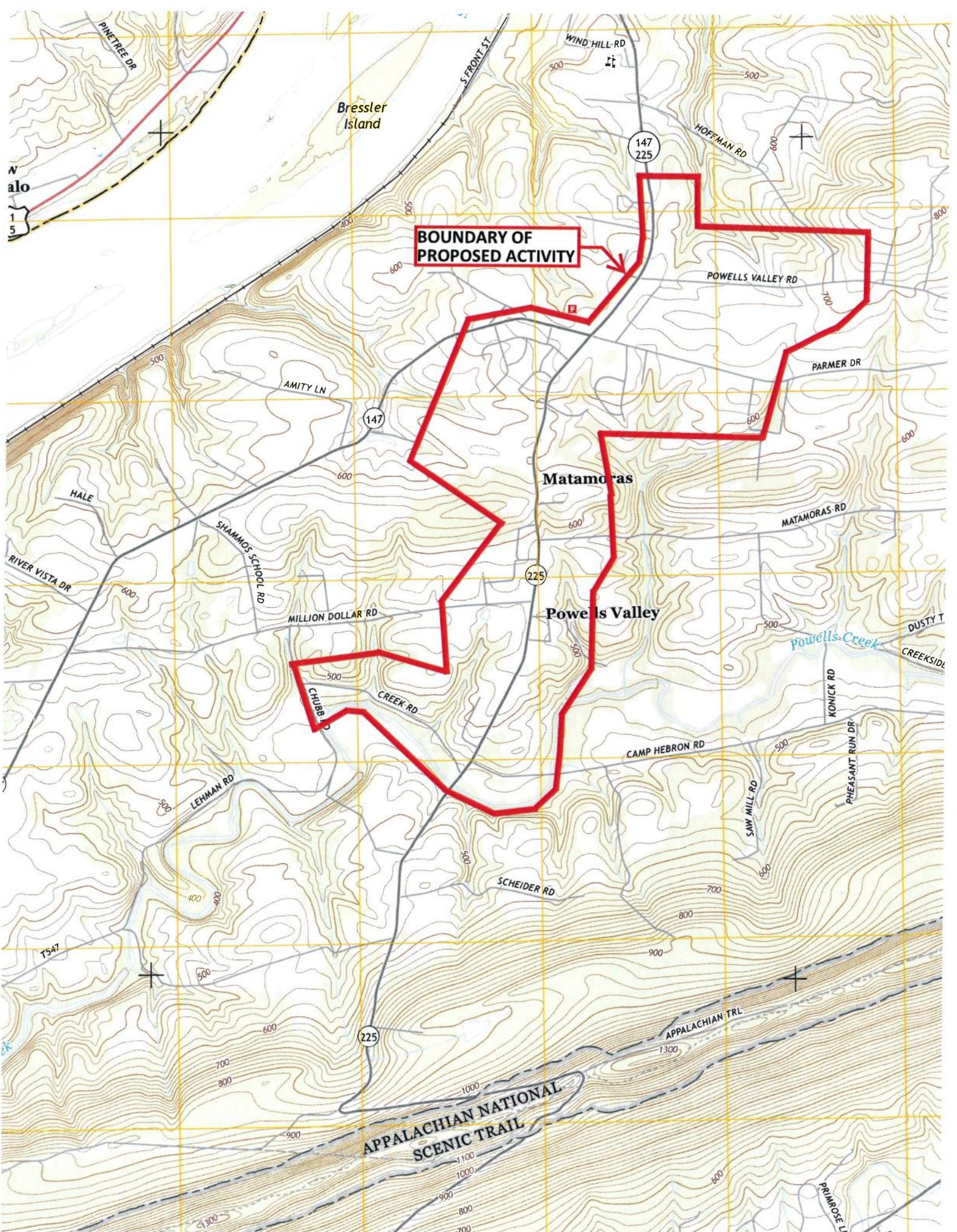
- Interstate Route
- US Route
- State Route

**ROAD CLASSIFICATION**

1	2	3	4	5	6	7	8
1	2	3	4	5	6	7	8

1. Rural  
2. Suburban  
3. Urban  
4. Suburban  
5. Rural  
6. Suburban  
7. Suburban  
8. Suburban





**BOUNDARY OF PROPOSED ACTIVITY**

**Matamoras**

**Powells Valley**

**APPALACHIAN NATIONAL SCENIC TRAIL**

0 1 5  
miles

7016 1970 0000 5211 7340

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT OF THE RETURN ADDRESS. FOLD AT DOTTED LINE

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<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	\$	

Postmark Here

Postage \$

Total Price **002838.0426**

Sent To **PA Historical and Museum Commission**

Street Address **Bureau of Historic Preservation**

City, State **400 North Street, Second Floor**

**Harrisburg, PA 17110-0093**

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

### SENDER: COMPLETE THIS SECTION

- 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.

**002838.0426**  
**PA Historical and Museum Commission**  
**Bureau of Historic Preservation**  
**400 North Street, Second Floor**  
**Harrisburg, PA 17110-0093**



9590 9402 2117 6132 1115 54

2. Article Number (Transfer from service label)

### COMPLETE THIS SECTION ON DELIVERY

A. Signature  Agent  
 Addressee

B. Received by (Printed Name) C. Date of Delivery

D. Is delivery address different from item 1?  Yes  
If YES, enter delivery address below:  No

3. Service Type

<input type="checkbox"/> Adult Signature	<input type="checkbox"/> Priority Mail Express®
<input type="checkbox"/> Adult Signature Restricted Delivery	<input type="checkbox"/> Registered Mail™
<input checked="" type="checkbox"/> Certified Mail®	<input type="checkbox"/> Registered Mail Restricted Delivery
<input type="checkbox"/> Certified Mail Restricted Delivery	<input checked="" 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)	

PS Form 3811, July 2015 PSN 7530-02-000-9053

Domestic Return Receipt

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Certified Mail Fee \$ \_\_\_\_\_

Extra Services & Fees (check box, add fee as appropriate)

Return Receipt (hardcopy) \$ \_\_\_\_\_

Return Receipt (electronic) \$ \_\_\_\_\_

Certified Mail Restricted Delivery \$ \_\_\_\_\_

Adult Signature Required \$ \_\_\_\_\_

Adult Signature Restricted Delivery \$ \_\_\_\_\_



Postage \$ \_\_\_\_\_

Total Price **002338.0426**

Sent To **PA Historical and Museum Commission**

Street **Bureau of Historic Preservation**

City, St **400 North Street, Second Floor**  
**Harrisburg, PA 17110-0093**

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

**SENDER: COMPLETE THIS SECTION**

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
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**002338.0426**  
**PA Historical and Museum Commission**  
**Bureau of Historic Preservation**  
**400 North Street, Second Floor**  
**Harrisburg, PA 17110-0093**



9590 9402 2117 6132 1115 54

2. Article Number (Transfer from service label)  
**7016 1970 0000 5211 7340**

PS Form 3811, July 2015 PSN 7530-02-000-9053

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature *[Handwritten Signature]*  Agent  Addressee

B. Received by (Printed Name) \_\_\_\_\_ C. Date of Delivery \_\_\_\_\_

D. Is delivery address different from item 1?  Yes  No  
 if YES, enter delivery address below: \_\_\_\_\_

**Received**

**OCT 01 2018**

3. Service Type

Adult Signature  Priority Mail Express®

Adult Signature Restricted Delivery  Registered Mail™

Certified Mail®  Registered Mail Restricted Delivery

Certified Mail Restricted Delivery  Return Receipt for Merchandise

Collect on Delivery  Signature Confirmation™

Collect on Delivery Restricted Delivery  Signature Confirmation Restricted Delivery

Insured Mail  Insured Mail Restricted Delivery (over \$500)

Domestic Return Receipt



November 2, 2018

Cory J. Salmon, EIT, PMP  
HRG  
369 East Park Drive  
Harrisburg, PA 17111

RE: ER 2019-0011-043-B, Act 537 Plan, Matamoras Extension, proposed recommended alternative, Halifax Township, Dauphin County, PA

Dear Mr. Salmon:

Thank you for submitting information concerning the above referenced project. The Pennsylvania State Historic Preservation Office (PA SHPO) reviews projects in accordance with state and federal laws. Section 106 of the National Historic Preservation Act of 1966, and the implementing regulations (36 CFR Part 800) of the Advisory Council on Historic Preservation, is the primary federal legislation. The Environmental Rights amendment, Article 1, Section 27 of the Pennsylvania Constitution and the Pennsylvania History Code, 37 Pa. Cons. Stat. Section 500 et seq. (1988) is the primary state legislation. These laws include consideration of the project's potential effects on both historic and archaeological resources.

Thank you for the plan of the preferred alternative and for providing additional information during our telephone conversation this afternoon. Our remarks are as follows:

### **Archaeological Resources**

As the vast majority of the infrastructure locations will involve existing roads and streets or other previously developed locations, the only section that may be archaeologically sensitive is the vicinity of the proposed location of Pump Station 1, at the southern end of the project area. Based on an evaluation by our staff, including a review of the Statewide Pre-Contact Predictive Model, there is a high probability that National Register significant archaeological sites are present within this part of the project area. These resources could be adversely affected by project activities. Our review considers the locations of known archaeological resources, soil type, topographic setting, slope direction and distance to water, among other regionally specific predictive factors for archaeological site locations. It is our opinion that a Phase I archaeological survey should be conducted to locate potentially significant resources. Guidelines and instructions for conducting all phases of archaeological survey in Pennsylvania are available on our website [http://www.phmc.pa.gov/Preservation/About/Forms and Guidance/SHPO-Guidelines-Archaeological-Investigation.pdf](http://www.phmc.pa.gov/Preservation/About/Forms%20and%20Guidance/SHPO-Guidelines-Archaeological-Investigation.pdf).

### **Above Ground Resources**

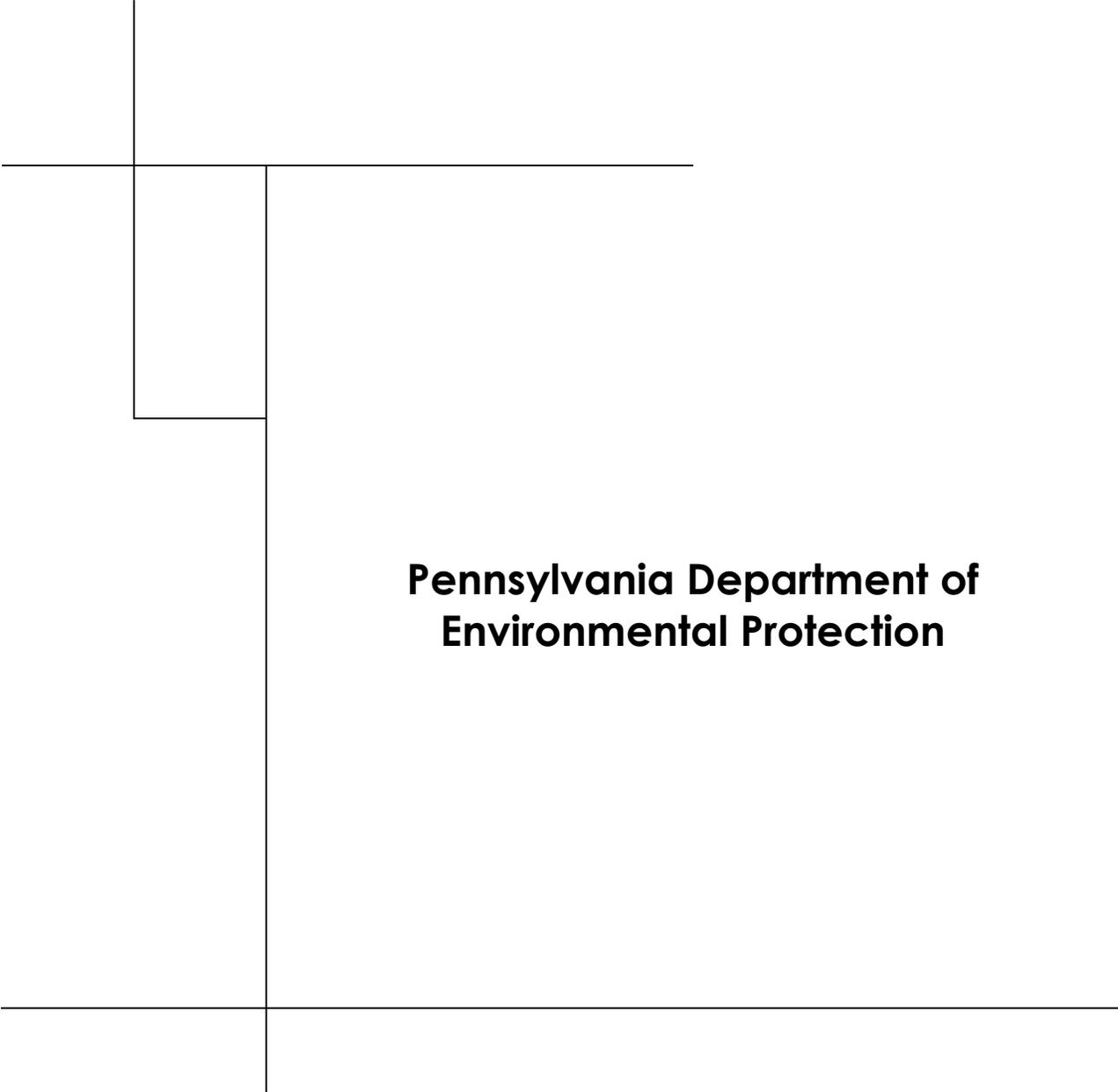
Based on our files and the information provided, it is our opinion that there are no above ground historic properties present. Should new information be brought to your attention regarding historic properties located within the project area of potential effect, please notify the PA SHPO at (717) 783-8947 for reconsideration of the project.

Please contact me at (717) 772-0925 or [dmclearen@pa.gov](mailto:dmclearen@pa.gov) if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "D. McLearen", with a long horizontal flourish extending to the right.

Douglas C. McLearen, Chief  
Division of Environmental Review



**Pennsylvania Department of  
Environmental Protection**

## Salmon, Cory

---

**From:** Sweger, Bethany <bsweger@pa.gov>  
**Sent:** Tuesday, November 06, 2018 3:46 PM  
**To:** Salmon, Cory; Ellinger, Ed  
**Cc:** Wagner, Timothy  
**Subject:** RE: Halifax Twp. - Dauphin Co. Draft Act 537 Plan

Good afternoon Gentlemen –

To follow up our telephone conversation regarding this plan, I talked to Tim about the funding issue (comment #5). The funding contingency cannot be linked to a specific dollar amount user rate or % grant. The general statement as written in the draft plan is acceptable to DEP. I apologize for the misunderstanding. Let me know if you have any questions.

Thanks,  
Bethany

**Bethany L. Sweger** | Sewage Planning Specialist  
Department of Environmental Protection  
SouthCentral Regional Office  
909 Elmerton Avenue | Harrisburg, PA 17110  
Phone: 717.705.4761 | Fax: 717.705.4760  
[www.dep.pa.gov](http://www.dep.pa.gov)

---

**From:** Sweger, Bethany  
**Sent:** Tuesday, October 30, 2018 12:04 PM  
**To:** 'csalmon@hrg-inc.com' <csalmon@hrg-inc.com>  
**Cc:** Wagner, Timothy <tiwagner@pa.gov>; Sigouin, Mark <msigouin@pa.gov>  
**Subject:** Halifax Twp. - Dauphin Co. Draft Act 537 Plan

Good afternoon Cory –

Mike Morris is no longer working for the planning section, so I wanted to get back to you with comments regarding the Halifax Township draft plan. I reviewed the plan along with Mark Sigouin, our hydrogeologist. We offer the following comments:

1. The maps submitted with the final adopted plan should be of large enough scale to be useful to the Department. All sample locations should be plotted and the map keyed to a table containing the results.
2. The nitrate map needs to show ¼ mile radii around all samples that exceed 5 mg/l nitrate-nitrogen. Areas with clusters of high nitrate wells should be noted. Preliminary hydrogeologic studies will be required in these areas.
3. The draft on-lot sewage management ordinance contains a five-year septic tank pumping schedule. DEP regulations (Chap. 71, Sec. 71.73) require on-lot systems be pumped every three years. The ordinance should reflect DEP regulations.
4. Four years to implement the sewage management ordinance appears a little excessive. The Department recommends the Township consider adopting the ordinance in 2019, and begin implementation by 2020.
5. The public sewer extension implementation schedule cannot be contingent on funding.

Please let me know if you have any questions regarding the comments.

Thanks,

Bethany

**Bethany L. Sweger** | Sewage Planning Specialist  
Department of Environmental Protection  
SouthCentral Regional Office  
909 Elmerton Avenue | Harrisburg, PA 17110  
Phone: 717.705.4761 | Fax: 717.705.4760  
[www.dep.pa.gov](http://www.dep.pa.gov)

Responses to PA Department of Environmental Protection Comments  
Dated October 30, 2018

General Comments:

1. Acknowledged and corrected. The enlarged map has been provided with the Final Plan
2. Acknowledged and updated. The radii were already shown, clusters have been noted and notation has been added to the Final Plan stating any proposed future development in these areas will require preliminary hydrogeologic studies (Page 3-16).
3. Acknowledged and updated. The Ordinance template has been changed to show an initial 3 year cycle instead of 5. As noted in the Plan, this is a template and the Final Ordinance developed by the Township will likely vary from the exact template provided.
4. Acknowledged and updated. In lieu of “years after the plan’s implementation,” hard deadlines have been set for the development and implementation of the ordinance. Finalization and adoption are proposed for years 2020-2021 and implementation is proposed for years 2021-2022. The Township is committed to meeting these deadlines. These changes are shown on implementation schedule located in the Executive Summary and Chapter 8.
5. No change in language required per follow-up email received from PA DEP on November 6, 2018.