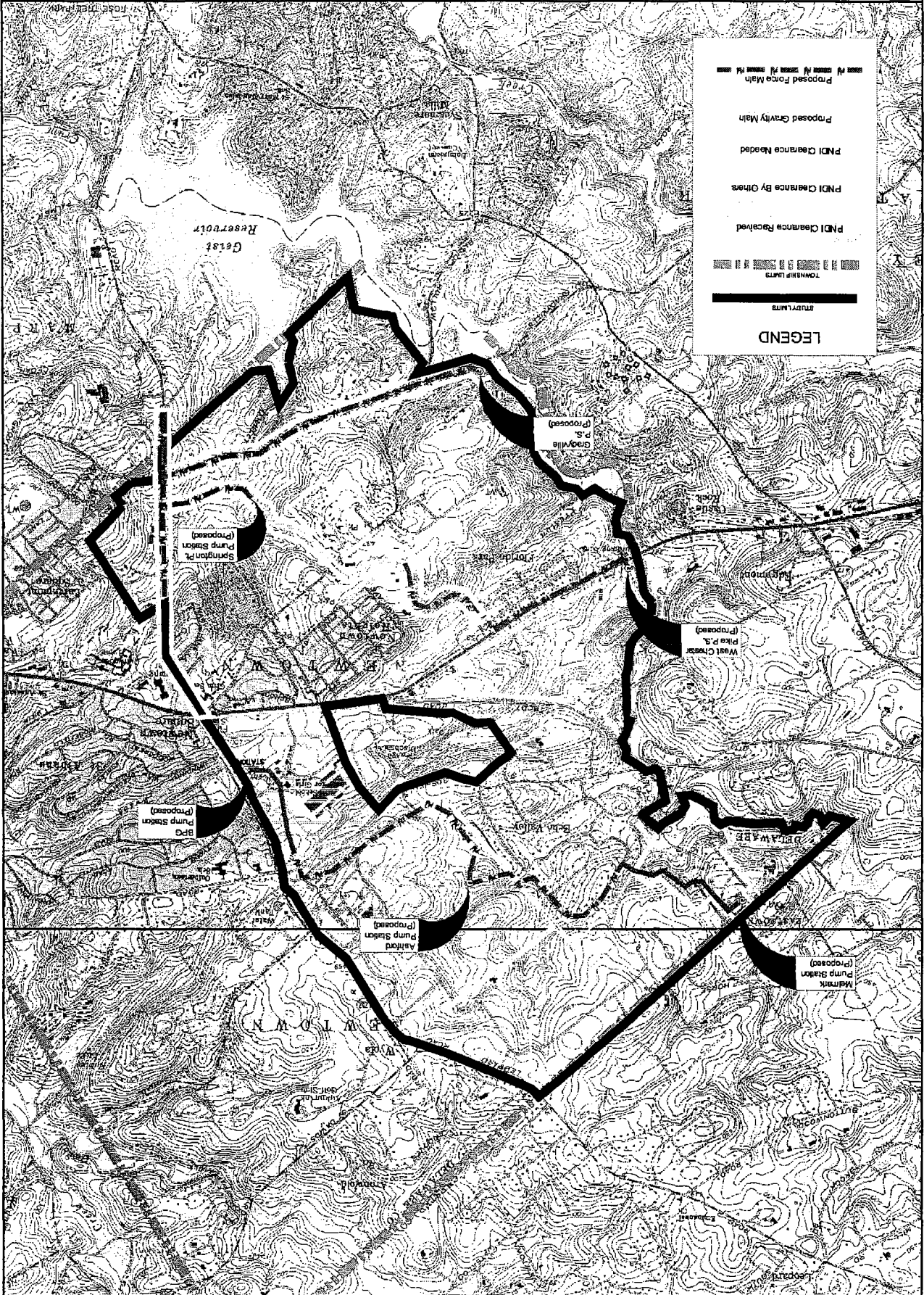


NEWTOWN TOWNSHIP ACT 537 REVISION PNDI SUMMARY 5/13/2010

Scale 1"=2000'



LEGEND

- TOWNSHIP LIMITS
- STREETWAYS
- PNDI Clearances Reached
- PNDI Clearances By Others
- PNDI Clearances Needed
- Proposed Gravity Main
- Proposed Force Main



COMMONWEALTH OF PENNSYLVANIA
PENNSYLVANIA GAME COMMISSION
2001 ELMERTON AVENUE, HARRISBURG, PA
17110

*"TO MANAGE ALL WILD BIRDS, MAMMALS AND THEIR HABITATS
FOR CURRENT AND FUTURE GENERATIONS."*

RECEIVED

January 27, 2010

PNDI Large Project

FEB 02 2010

KELLY AND CLOSE
ENGINEERS

Mr. Kevin M. Matson
1786 Wilmington Pike
Glen Mills, PA 19342

PNDI Large Project
Newtown Township Act 537
S.R. 252 (NW of Caley Road to Media Line Road)
Newtown Township, Delaware County, PA

Dear Mr. Matson:

Thank you for submitting the Pennsylvania Natural Diversity Inventory (PNDI) Large Project Environmental Review Form 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

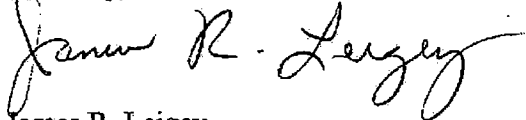
PNDI records indicate that no known occurrences of species or resources of concern under PGC jurisdiction occur in the vicinity of the project. Therefore, the above-referenced project is not expected to impact any birds or mammals of concern, and no further coordination with the PGC is necessary for this project at this time.

This response represents the most up-to-date summary of the PNDI data files and is valid for one (1) year 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 n additional year.

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 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.

Sincerely,



James R. Leigey
Wildlife Impact Review Coordinator
Division of Environmental Planning
And Habitat Protection
Bureau of Wildlife Habitat Management
Phone: 717-787-4250, Extension 3128
Fax: 717-787-6957
E-Mail: jleigey@state.pa.us

A PNHP Partner



Pennsylvania Natural Heritage Program

Cc: File



pennsylvania
DEPARTMENT OF CONSERVATION
AND NATURAL RESOURCES

BUREAU OF FORESTRY

February 4, 2010

PNDI Number: 20554

Kevin M. Matson
FAX: 610-358-9376 (hard copy WILL NOT follow)

CC: Newtown Township
FAX: 610-356-8722

Re: Newtown Township Act 537 – Force Main and Pump Station Installation
Newtown Township; Delaware County

Dear Mr. Matson,

Thank you for submission of the Pennsylvania Natural Diversity Inventory (PNDI) Environmental Review Receipt Number 20554 for review. PA Department of Conservation and Natural Resources screened this project for potential impacts to species and resources of concern under DCNR's responsibility, which includes plants, terrestrial invertebrates, natural communities, and geologic features only.

NO IMPACT ANTICIPATED:

PNDI records indicate species or resources of concern are located in 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, DCNR has determined that no impact is likely. No further coordination with our agency is needed for this project.

DCNR recommends the following VOLUNTARY steps to help prevent the spread of invasive species:

- The area of disturbance should be minimized to the fullest extent that would allow for sewer system installation; this will help to lessen the area of soil and vegetation disturbance associated with this project.
- If possible, please clean all construction equipment and vehicles thoroughly (especially the undercarriage and wheels) before they are brought on site, this will remove invasive plant seeds from the equipment and undercarriages of the vehicles that may have been picked up at other sites.
- Avoid using seed mixes that include invasive plant species (like Crown vetch) to re-vegetate the area. Please also attempt to use weed-free straw or hay mixes when possible. A complete list of all Pennsylvania invasive plants can be found here: <http://www.dcnr.state.pa.us/forestry/wildplant/invasivelist.aspx>

This response represents the most up-to-date summary of the PNDI data files and is valid for one (1) year 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 an additional year.

This finding applies to impacts to DCNR only. To complete your review of state and federally-listed threatened and endangered species and species of special concern, please be sure the U.S. Fish and Wildlife Service, PA Game Commission, and the Pennsylvania 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.

Sincerely,

Mr. Kelly L. Sitch, Environmental Review Specialist FOR Chris Firestone, Wild Plant Program Mgr.
Ph: 717-425-5370 ~ Fax: 717-772-0271 ~ [e-ksitch@state.pa.us](mailto:k-sitch@state.pa.us)

conserve

sustain

enjoy

P.O. Box 8552, Harrisburg, PA 17015-8552 717-787-3444 (fax) 717-772-0271

TOTAL P.01

2010-0388
Lat/Long



Pennsylvania Natural Diversity Inventory

Pennsylvania Natural Diversity Inventory

Project Planning & Environmental Review Form

This form provides site information necessary to perform an Environmental Review for special concern species and resources listed under the Endangered Species Act of 1973, the Wild Resource Conservation Act, the Pennsylvania Fish and Boat code or the Pennsylvania Game and Wildlife Code.

Applicant Information

Name: Newtown Township, Delaware County
Address: 209 Bishop Hollow Road, Newtown Square, Pa 19073
Phone Number: 610-356-0200 Fax Number: 610-356-8722

39.9794
75.3980

Contact Person Information - if different from applicant

Name: Kevin M. Matson, P.E.
Address: 1786 Wilmington Pike, Glen Mills, Pa 19342
Phone Number: 610-358-9363 Fax Number: 610-358-9376

Project Information

Project Name: Newtown Township Act 537
Project Location: S.R. 252 (NW Of Caley Road To Media Line Road)
Municipality: Newtown Township County: Delaware County
 Attach a copy of a U.S.G.S. 7 1/2 Minute Quadrangle Map with Project Boundaries clearly marked
U.S.G.S. Quad Name: Media

Project Description

Proposed Project Activity (including ALL earth disturbance areas and current conditions)

Newtown Township is updating their Act 537 Plan to include planning for a pump station and approx 2 miles of associated force main. The construction of the pump station will involve approximately 2 acres of earth disturbance within an area of privately owned property that is currently maintained as lawn. Force main construction will occur entirely within the ROW of S.R. 252, areas of paving and maintained shoulder.

Total Acres of Project: _____ Increase to be _____

- Will the entire project occur in or on an existing but, street, runway, paved area, railroad bed, or maintain?
- Are there any waterways or wetlands (intermittent or permanent) in the project area, or on the land parcel?
Yes 26 Feet No
- Are there any wetlands within 300 feet of the project area?
Yes No

U.S. FISH AND WILDLIFE SERVICE
Pennsylvania Field Office
315 South Allen Street, Suite 322
State College, Pennsylvania 16801-4950

No federally listed species under our jurisdiction is known or likely to occur in the project area. This determination is valid for two years. Should project plans change, or if additional information on listed species become available, this determination may be reconsidered.

Patricia Cole Acting Supervisor 2/12/2010

If you have a "PNDI Project Environmental Review Receipt" with potential impacts, please send a receipt copy, this completed form, and a USGS Quad Map to the agency/agencies noted on the receipt. If you are unable to generate a PNDI Receipt because you do not have Internet access, complete this form, attach a USGS Quad Map, and send them to your local DEP or County Conservation District. For review of a "Large Project," please send form and map to all the agencies listed below. See page 2 for more information.

Dept. of Conservation and Natural Resources
Bureau of Forestry, Ecological Services Section
100 Market St., PO Box 8552
Harrisburg, PA 17103
fax: 717-772-0271

PA Fish and Boat Commission
Natural Diversity Section
450 Robinson Lane
Bellefonte, PA 16823
fax 814-350-5175

PA Game Commission
Bureau of Land Management
2901 Elmerton Avenue
Harrisburg, PA 17110-9797
fax: 717-787-0957

US Fish and Wildlife Service
Endangered Species Biologist
315 South Allen St., Suite 322
State College, PA 16801
no fax's please



Pennsylvania Fish & Boat Commission

Division of Environmental Services
Natural Diversity Section
450 Robinson Lane
Bellefonte, PA 16823-9620
(814) 359-5237 Fax: (814) 359-5175
February 10, 2010

RECEIVED

FEB 25 2010

IN REPLY REFER TO SIR # 33247
KELLY AND CLOSE ENGINEERS

KEVIN MATSON
1786 WILMINGTON PIKE
GLEN MILLS, PA 19342

RE: Species Impact Review (SIR) - Rare, Candidate, Threatened and Endangered Species
NEWTOWN TOWNSHIP ACT 537
NEWTOWN Township, DELAWARE County, Pennsylvania

Dear Mr. MATSON:

We are unable to process your request for a Pennsylvania Natural Diversity Inventory (PNDI) database and Pennsylvania Fish and Boat Commission file review because we did not receive the appropriate information to conduct a thorough review of the above referenced project and its potential to adversely impact rare or protected species known from the project vicinity. Please conduct a PNDI Project Environmental Review by going to the Pennsylvania Natural Heritage website at <http://www.naturalheritage.state.pa.us/> and then scrolling down to and choosing "PNDI Project Planning Environmental Review". Then follow the instructions provided.

If, after the PNDI review is completed, you are required to submit information to the Pennsylvania Fish and Boat Commission, the inclusion of other information, if appropriate, such as a project narrative, basic site plan, color photos of the project area (keyed to a site plan), a description of the site's habitat characteristics (e.g. does it have wetlands, open field, forest, etc.), and latitude/longitude coordinates (in decimal degrees) might help expedite our review.

Please refer to the SIR number at the top of this letter in your response. Thank you in advance for your cooperation.

Sincerely,

Christopher A. Urban, Chief
Natural Diversity Section

CAU/RTM/mr

Enclosure

Our Mission:

www.fish.state.pa.us

To protect, conserve and enhance the Commonwealth's aquatic resources and provide fishing and boating opportunities.

COMMONWEALTH OF PENNSYLVANIA
FISH AND BOAT COMMISSION
 NATURAL DIVERSITY SECTION
SPECIES IMPACT REVIEW (SIR) REQUEST FORM

- A. This form provides the site information necessary to perform a computer database search for species of special concern listed under the Endangered Species Act of 1973, the Wild Resource Conservation Act, the Pennsylvania Fish and Boat Code or the Wildlife Code.
- B. Use only *one form* for each proposed project or location. Complete the information below and mail form to:

Natural Diversity Section
 Division of Environmental Services
 PA Fish and Boat Commission
 450 Robinson Lane
 Bellefonte, PA 16823

- C. This form, a cover letter including a project narrative, and accompanying maps should be sent to the above address for environmental reviews that *only* concern *reptiles, amphibians, fishes and aquatic invertebrates*. Reviews for other natural resources must be submitted to other appropriate agencies.
- D. The absence of recorded information from our databases and files does not necessarily imply actual conditions on site. Future field investigations could alter this determination. The information contained in our files is routinely updated. A review is valid for one year.
- E. *Please send us only one (1) copy of your request*— either by fax or by mail— not both. Mail is preferred to improve legibility of maps. Facsimile submission will not improve our response turn-around time.
- F. *Allow 30 days for completion of the review from the date of PFBC receipt*. Large projects and workload may extend this review timeframe.
- G. *In any future correspondence with us following your receipt of the SIR response, please refer to the assigned SIR number at the top left of our cover letter.*
- H. **FORMS THAT ARE NOT COMPLETED IN FULL WILL NOT BE REVIEWED.**

PLEASE PRINT OR TYPE: If available, provide the potential conflict PNDI Search Number: _____

PFBC response should be sent to: _____

Company/Agency: _____ Form Preparer: _____

Address: _____

Phone (8:00 AM to 4:00 PM): _____

Project Description: _____

Indicate if the project is: Transportation or Non-transportation (check one)

Will the proposed project encroach directly or indirectly (e.g., runoff) upon wetlands or waterways? Circle one for each:

Wetlands: Yes No Unknown Waterways: Yes No Unknown

County: _____ Township/Municipality: _____

Name of the United States Geological Survey (U.S.G.S.) 7.5 Minute Quadrangle Map where project is located: _____

Project size (in acres): _____

Attach an 8.5" by 11" photocopy (**DO NOT REDUCE**) of the section of the U.S.G.S. Quadrangle Map which identifies the project location. On this map, indicate the location of the project center (if linear, depict both ends) and outline the approximate boundaries of the project area.

Specify latitude/longitude of the project center. **Latitude:** _____° / _____' / _____" N

Indicate latitude/longitude in degrees-minutes-seconds format only. **Longitude:** _____° / _____' / _____" W

Three steps are needed to convert from decimal degrees to degrees-minutes-seconds: (1) Degrees will be the whole number. (2) To get minutes, multiply the decimal degree portion by 60. (3) Multiply the decimal minute portion by 60 to get seconds.
 Example: (Latitude) 40.93748 = 40°; 0.93748 x 60 = 56.2488' = 56'; 0.2488 x 60 = 14.928 = 15" = 40°56'15" N
 (Longitude) 75.94740 = 75°; 0.94740 x 60 = 56.844' = 56'; 0.844 x 60 = 50.64 = 51" = 75°56'51" W

FOR PFBC USE ONLY

SIR#	Quad Name	Data Source	Search Result-Potential Species Conflict	Action



Commonwealth of Pennsylvania
Pennsylvania Historical and Museum Commission
Bureau for Historic Preservation
Commonwealth Keystone Building, 2nd Floor
400 North Street
Harrisburg, PA 17120-0093
www.phmc.state.pa.us

RECEIVED

November 30, 2005

DEL 08 2005

ENGINEERS

Donald S. Denton
Kelly Engineers
Brinton Lake Corporate Center
600 Evergreen Drive, Suite 640
Glen Mills, PA 19342

TO EXPEDITE PERMITTING
BHP REFERENCE NUMBER

Re: File No. ER 02-1421-045-B
DEP 537 PROGRAM: Official Act 537 Sewage
Facilities Plan Update, Newton Twp., Delaware Co.

Dear Mr. Denton:

The Bureau for Historic Preservation has reviewed the above named project under the authority of 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). This review includes comments on the project's potential effect on both historic and archaeological resources.

**A HIGH PROBABILITY EXISTS THAT ARCHAEOLOGICAL RESOURCES
MAY OCCUR WITHIN THE PROPOSED PERMIT AREA**

Based on an evaluation by our staff, there is a high probability that significant archaeological sites are located in this project area and could be adversely affected by project activities. Although there are no recorded archaeological sites within the project boundaries, the soil type, topographic setting, slope direction, and distance to water of the project area are similar to the settings of known archaeological sites in the vicinity. A Phase I archaeological survey of the project area to locate potentially significant archaeological resources is recommended but not required.

If a survey is not conducted and you encounter archaeological resources during construction, you must stop the project, notify the Pennsylvania Historical and Museum Commission's Bureau for Historic Preservation and the Department of Environmental Resources and allow the Bureau for Historic Preservation 60 days to conduct a survey to determine the significance of the archaeological resources. If the Bureau determines that the resources are significant, you must submit a mitigation plan to protect the significant resources on the site. We will review the plan within 30 days.

In our opinion no evaluation of historic structures will be necessary for this project area.

FOR YOUR INFORMATION

Pennsylvania Historical and Museum Commission will keep the Determination Notice and the materials you submitted in its files. Please attach this letter to your copy of the Notice and materials then submit the entire package of materials to DEP.

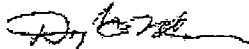
Page 2
November 30, 2005
Donald S. Denton

If this project will require any federal permits or will receive federal funding, the federal agency, under the National Historic Preservation Act of 1966, may require the appropriate surveys to be conducted. If the project will need an Army Corp of Engineers permit, this would be a **Category III** activity. We suggest that you consider conducting the survey early in the development or planning process to avoid delays in the future. Guidelines and instructions for conducting Phase I surveys are available from our office upon request.

Thank you for notifying us of your proposed activity.

If you need further information in this matter please consult Mark Shaffer at (717) 783-9900.

Sincerely,



Douglas C. McLearn, Chief
Division of Archaeology &
Protection

Cc: DEP, Southeast Regional Office

DCM/tmw

SENDER: COMPLETE THIS SECTION

Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
 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.

Article Addressed to:
 A HISTORICAL AND MUSEUM
 COMMISSION
 BUREAU OF HISTORIC PRESERVATION
 400 NORTH ST 2ND FLOOR
 HARRISBURG, PA 17120-0093

A. Received by (Please Print Clearly)	B. Date of Delivery
C. Signature X <input type="checkbox"/> Agent <input type="checkbox"/> Addressee	
D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No	
3. Service Type <input type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.	
4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes	

2. Article Number (Copy from service label)

PS Form 3811, July 1999 Domestic Return Receipt 102595-99-M-1789

Municipality Newtown Township County Name Delaware DEP County Code 23

SECTION C. PERMITS OR APPROVALS

Name of Specific DEP Permit or Approval Requested: PA Act 537 Plan Update Approval

Anticipated federal permits:

- Surface Mining 404 Water Quality Permit
- Army Corps of Engineers Federal Energy Regulatory Commission
- 401 Water Quality Certification Other:

D. GOVERNMENT FUNDING SOURCES

State: (Name) _____ Local: (Name) _____
 Federal: (Name) _____ Other: (Name) _____

SECTION E. RESPONSIBLE DEP REGIONAL, CENTRAL, DISTRICT MINING or OIL & GAS MGMT OFFICE

- Regional Office Responsible for Review of Permit Application Central Office (Harrisburg)
- Southeast Regional Office (Conshohocken) Northeast Regional Office (Wilkes-Barre)
 - Southcentral Regional Office (Harrisburg) Northcentral Regional Office (Williamsport)
 - Southwest Regional Office (Pittsburgh) Northwest Regional Office (Meadville)
 - District Mining Office: Oil & Gas Office:

SECTION F. RESPONSIBLE COUNTY CONSERVATION DISTRICT, if applicable.

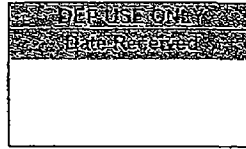
County Conservation District _____ Telephone Number, if known _____
 Delaware County Conservation District 610-892-9484

SECTION G. CONSULTANT

Consultant, if applicable Kelly Engineers, Donald S Denton
 Street Address Brinton Lake Corporate Center, 600 Evergreen Drive, Suite 640
Glen Mills State PA Zip 19342
 Telephone Number 610-358-9363

SECTION 201

is form.



CULTURAL RESOURCE NOTICE

Before completing this form, read the step-by-step instructions provided with this form.

SECTION A. APPLICANT IDENTIFIER

Applicant Name Newtown Township
 Street Address 209 Bishop Hollow Road
 City Newtown Square State PA Zip 19073
 Telephone Number 610-356-0200
 Project Title Newtown Township Act 537 Plan Update

SECTION B. LOCATION OF PROJECT

Municipality Newtown Township County Name Delaware DEP County Code 23

SECTION C. PERMITS OR APPROVALS

Name of Specific DEP Permit or Approval Requested: PA Act 537 Plan Update Approval

Anticipated federal permits:

Surface Mining 404 Water Quality Permit
 Army Corps of Engineers Federal Energy Regulatory Commission
 401 Water Quality Certification Other:

SECTION D. GOVERNMENT FUNDING SOURCES

State: (Name) _____ Local: (Name) _____
 Federal: (Name) _____ Other: (Name) _____

SECTION E. RESPONSIBLE DEP REGIONAL, CENTRAL, DISTRICT MINING or OIL & GAS MGMT OFFICE

DEP Regional Office Responsible for Review of Permit Application Central Office (Harrisburg)
 Southeast Regional Office (Conshohocken) Northeast Regional Office (Wilkes-Barre)
 Southcentral Regional Office (Harrisburg) Northcentral Regional Office (Williamsport)
 Southwest Regional Office (Pittsburgh) Northwest Regional Office (Meadville)
 District Mining Office: Oil & Gas Office:

SECTION F. RESPONSIBLE COUNTY CONSERVATION DISTRICT, if applicable.

County Conservation District _____ Telephone Number, if known _____
 Delaware County Conservation District 610-892-9484

SECTION G. CONSULTANT

Consultant, if applicable Kelly Engineers, Donald S Denton
 Street Address Brinton Lake Corporate Center, 600 Evergreen Drive, Suite 640
Glen Mills State PA Zip 19342
 Telephone Number 610-358-9363

SECTION H. PROJECT BOUNDARIES AND DESCRIPTION

REQUIRED

Indicate the total acres in the property under review. Of this acreage, indicate the total acres of earth disturbance for the proposed activity

Attach a 7.5' U.S.G.S. Map indicating the defined boundary of the proposed activity.

Attach photographs of any building over 50 years old. Indicate what is to be done to all buildings in the project area.

Attach a narrative description of the proposed activity.

Attach the return receipt of delivery of this notice to the Pennsylvania Historical and Museum Commission.

REQUESTED

Attach photographs of any building over 40 years old

Attach site map, if available.

SECTION I. SIGNATURE BLOCK

Date of Submission of Notice to PHMC

Applicant's Signature

Section H - Narrative

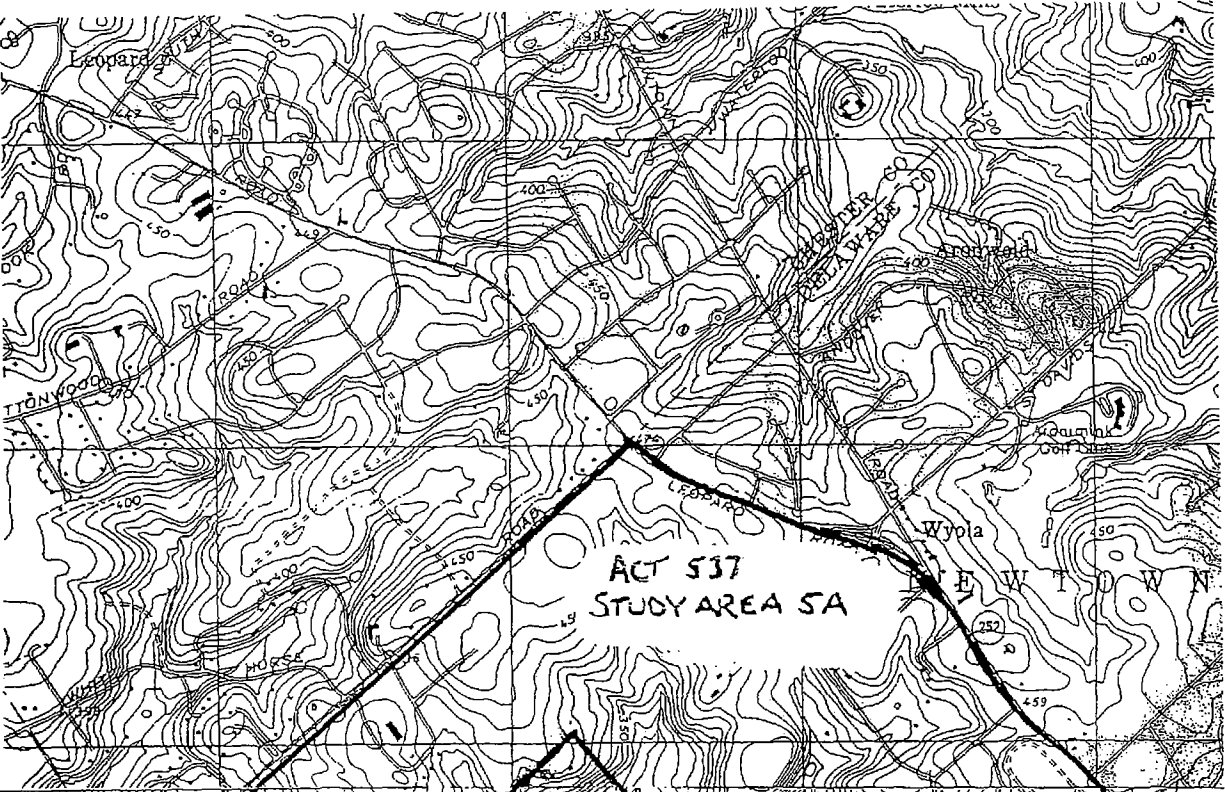
Newtown Township, Delaware County Act 537 Plan Update

Newtown Township is located at the northwest corner of Delaware County. Edgmont Township, Delaware County and Willistown Township, Chester County are to the west; Easttown Township Chester County is to the North, Radnor Township Delaware County is to the east, and Upper Providence and Marple Townships are to the south.

The Newtown Township Official Act 537 Sewage Facilities Plan (Base Plan) dated January 2002 and approved by PADEP is in need of a revision. The revision is necessary to re-designate the portion of the Township denoted as Study Area 5A in the approved Act 537 Plan as an area designated for public sewer. Currently it is designated as an area of on-lot systems. The revision is also necessary to plan for immediate, 5 year and 10 year needs based on the current Zoning Ordinance, Comprehensive Plan and growth projections from land development.

The area under review encompasses 975 acres; however, this project is to update the current Act 537 Sewage Facilities Plan only and does not involve the alteration of any existing homes or structures, or any earth disturbing activities.

by Forge
ranges



27'30"

