

APPENDIX 6-1

THREATENED AND ENDANGERED SPECIES

Responses from:

- **PNDI**
- **US Fish and Wildlife Service**
- **Pennsylvania Fish and Boat Commission**
- **Pennsylvania Game Commission**



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATERSHED MANAGEMENT
BUREAU OF WATERWAYS ENGINEERING

FOR OFFICIAL USE ONLY

PNDI Screening

Reviewer _____

Date _____

Phone No. _____

SUPPLEMENT NO. 1
PENNSYLVANIA NATURAL DIVERSITY INVENTORY SEARCH FORM

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Please complete the information below, attach an 8½" x 11" photocopy (DO NOT REDUCE) of the portion of the U.S.G.S. Quadrangle Map that identifies the project location and outlines the approximate boundaries of the project and mail to the appropriate DEP regional office or delegated County Conservation District prior to completing a Chapter 105 environmental assessment or any other DEP permit application. (SEE REVERSE SIDE FOR LIST OF OFFICES AND ADDRESSES).

NAME: Paul L. Schwartz, AICP

ADDRESS: LTL Consultants, Ltd.

PO Box 241, One Town Centre

Oley, PA 19547

PHONE: (610) 987-9290

COUNTY: Berks

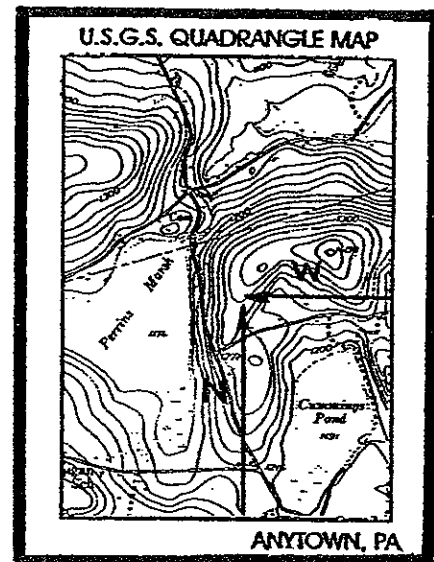
TWP./MUNICIPALITY: Amity Township

U.S.G.S. 7½ Minute Quadrangle

BIRDSBORO

PROJECT DESCRIPTION AND SIZE (Briefly describe entire area relevant to your project, including acreage.)

Construct a "package" sewage treatment plant to serve homes in mobile home park and along Valley Rd. Disturbance will include construction of a gravel access road, site for plant, and 1 stream crossing. Less than 1 acre total is expected to be disturbed.



North (Up) _____ 7.5 _____ inches

West (to the left) _____ 4.3 _____ inches

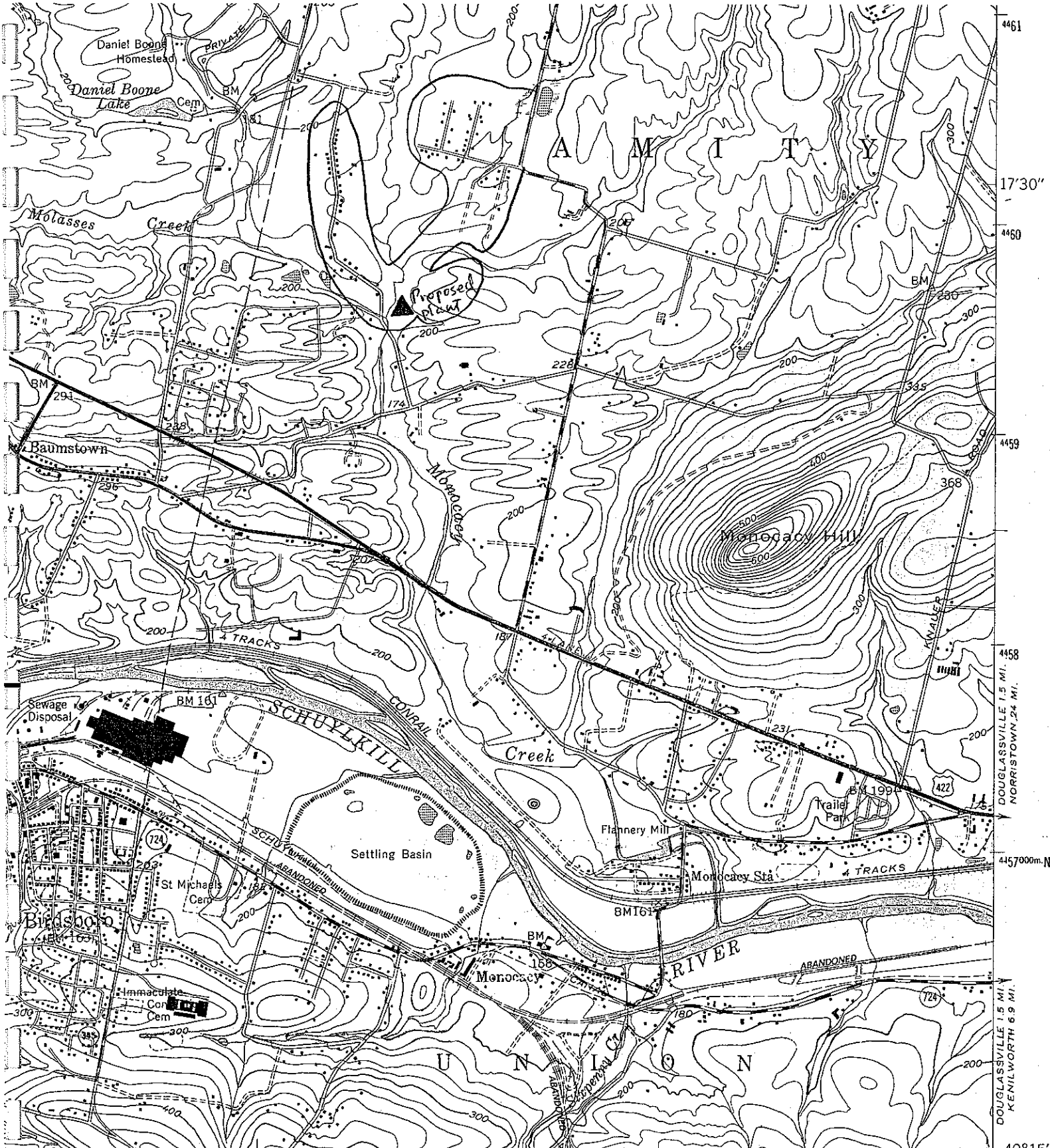
INDICATE PROJECT LOCATION TO THE NEAREST ONE TENTH INCH MEASURING FROM THE EDGE OF THE MAP IMAGE FROM THE LOWER RIGHT CORNER.

FOR OFFICIAL USE ONLY

SCREENING RESULTS - Follow the directions of the checked block.

No potential conflicts were encountered during the PNDI inquiry. Include this form and the PNDI receipt with your Chapter 105 environmental assessment or other DEP permit application submissions.

Potential conflicts must be resolved by contacting the natural resource agencies listed on the PNDI receipt. Please provide a copy of this form and the PNDI receipt along with a brief description of your project to the listed agency for consultation and recommendations. Include this form, the printed PNDI search results and the natural resource agency's written recommendation with your Chapter 105 environmental assessment or other DEP permit application submissions.

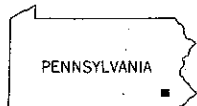
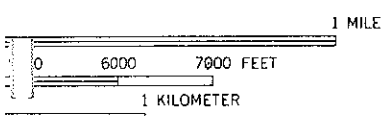


432 47'30" 433 434 435 436000m E 75°45' 40°15'

ROAD CLASSIFICATION

- Primary highway, hard surface _____
- Secondary highway, hard surface _____
- Light-duty road, hard or improved surface _____
- Unimproved road _____

- Interstate Route
- U. S. Route
- State Route



QUADRANGLE LOCATION

BIRDSBORO, PA.
40075-C7-TF-024

(FO) 566



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATERSHED MANAGEMENT
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PO Box 241, One Town Centre

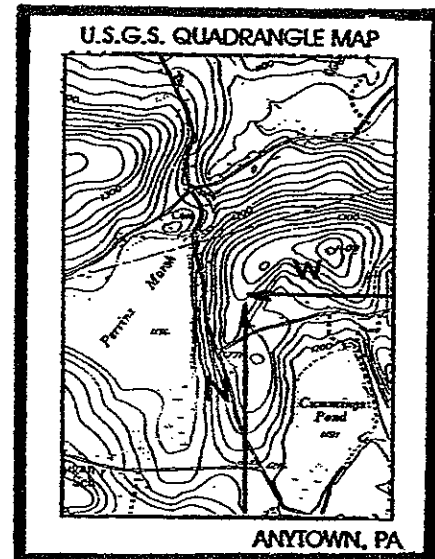
Oley, PA 19547PHONE: (610) 987-9290COUNTY: BerksTWP./MUNICIPALITY: Amity Township

U.S.G.S. 7½ Minute Quadrangle

BIRDSBORO

PROJECT DESCRIPTION AND SIZE (Briefly describe entire area relevant to your project, including acreage.)

Construct a "package" sewage treatment plant to serve homes in mobile home park. Disturbance will include construction of a gravel access road, and site for plant. Less than 1 acre total is expected to be disturbed.

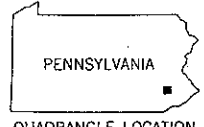
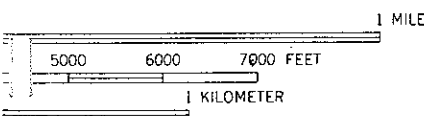
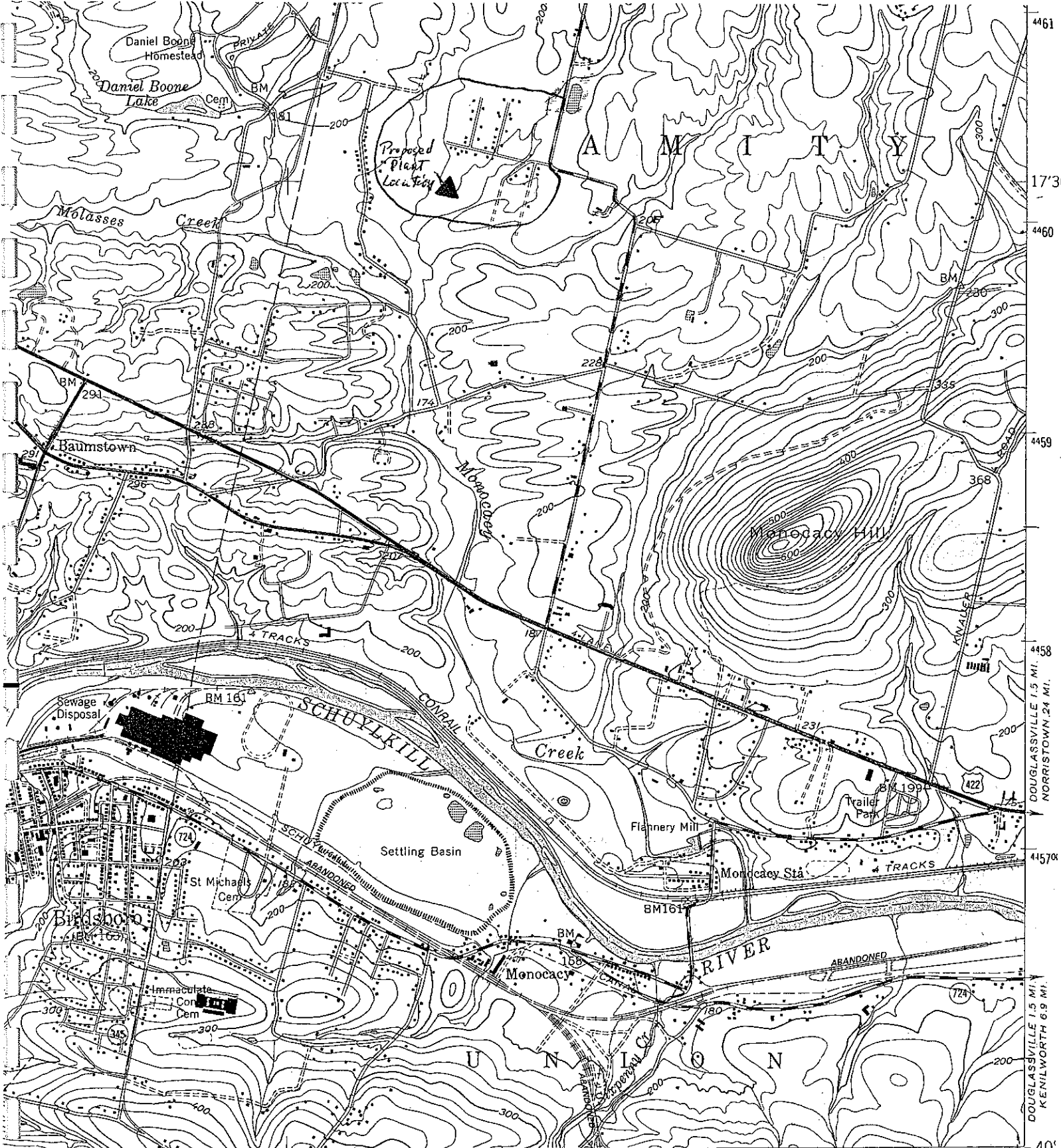
North (Up) 7.5 inchesWest (to the left) 4.3 inches

INDICATE PROJECT LOCATION TO THE NEAREST ONE TENTH INCH MEASURING FROM THE EDGE OF THE MAP IMAGE FROM THE LOWER RIGHT CORNER.

FOR OFFICIAL USE ONLY

SCREENING RESULTS - Follow the directions of the checked block.

- No potential conflicts were encountered during the PNDI inquiry. Include this form and the PNDI receipt with your Chapter 105 environmental assessment or other DEP permit application submissions.
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ROAD CLASSIFICATION

Primary highway, hard surface	Light-duty road, hard or improved surface
Secondary highway, hard surface	Unimproved road

 Interstate Route
 U. S. Route
 State Route

E.T.
1929

BIRDSBORO, PA.
40075-C7-TF-024

INTERIOR-GEOLOGICAL SURVEY, RESTON, VIRGINIA-1984 436000m.E. 75°45'

4461
17'30"
4460
4459
4458
DOUGLASSVILLE 1.5 MI.
NORRISTOWN .24 MI.
445700
DOUGLASSVILLE 1.5 MI.
KENILWORTH 6.9 MI.
40'



COMMONWEALTH OF PENNSYLVANIA
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BUREAU OF WATERSHED MANAGEMENT
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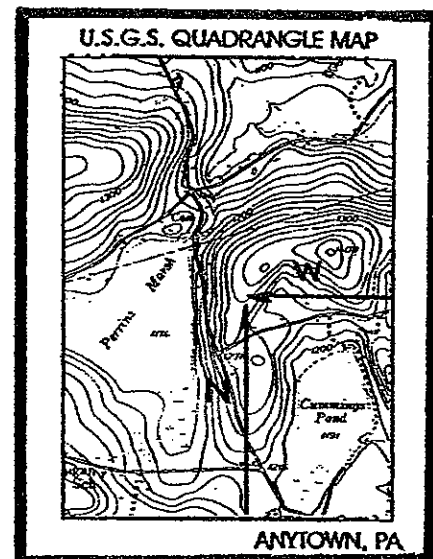
TWP./MUNICIPALITY: Amity Township

U.S.G.S. 7½ Minute Quadrangle

BIRDSBORO

PROJECT DESCRIPTION AND SIZE (Briefly describe entire area relevant to your project, including acreage.)

Extending sewer to serve mobile home park development, and homes along Valley Road. This proposal will extend sewer approximately 13,300' along the Monocacy Creek stream bed. The anticipated service area will be limited to a 12' wide strip along the creek.



North (Up) 7.5 inches

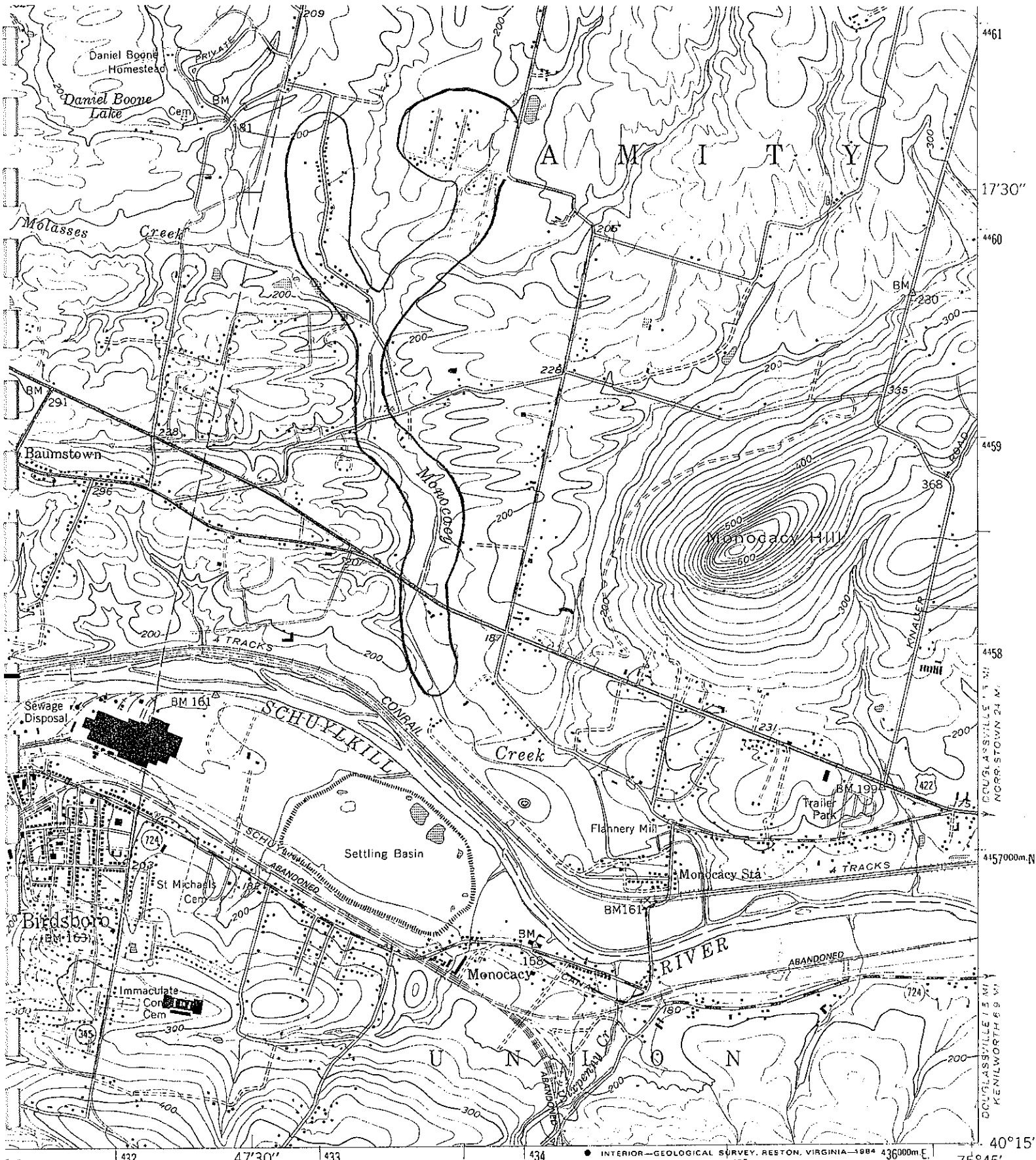
West (to the left) 5.0 inches

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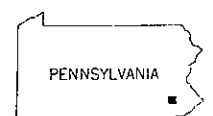
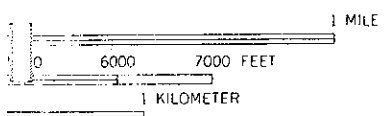


432 47'30" 433 434 435 75°45' 40°15'

● INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1984 436000m.E.

ROAD CLASSIFICATION

- Primary highway, hard surface
- Secondary highway, hard surface
- Light-duty road, hard or improved surface
- Unimproved road
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BIRDSBORO, PA.

(FOI 5664)



COMMONWEALTH OF PENNSYLVANIA
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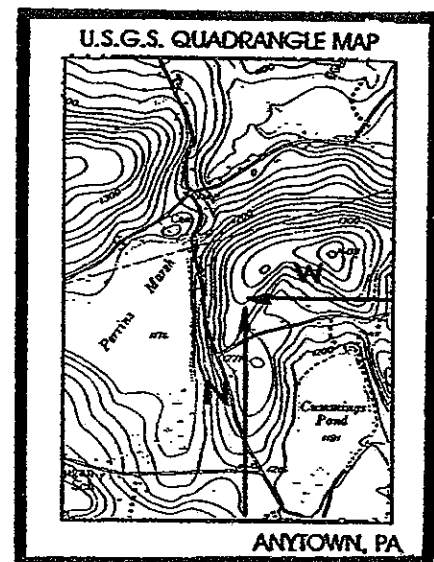
TWP./MUNICIPALITY: Amity Township

U.S.G.S. 7½ Minute Quadrangle

BIRDSBORO

PROJECT DESCRIPTION AND SIZE (Briefly describe entire area relevant to your project, including acreage.)

Extending sewer to serve mobile home park. This proposal will extend sewer approximately 6,200' along Limekiln Road, an existing state road. The only anticipated disturbance will be along the already developed road.



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West (to the left) 4.0 inches

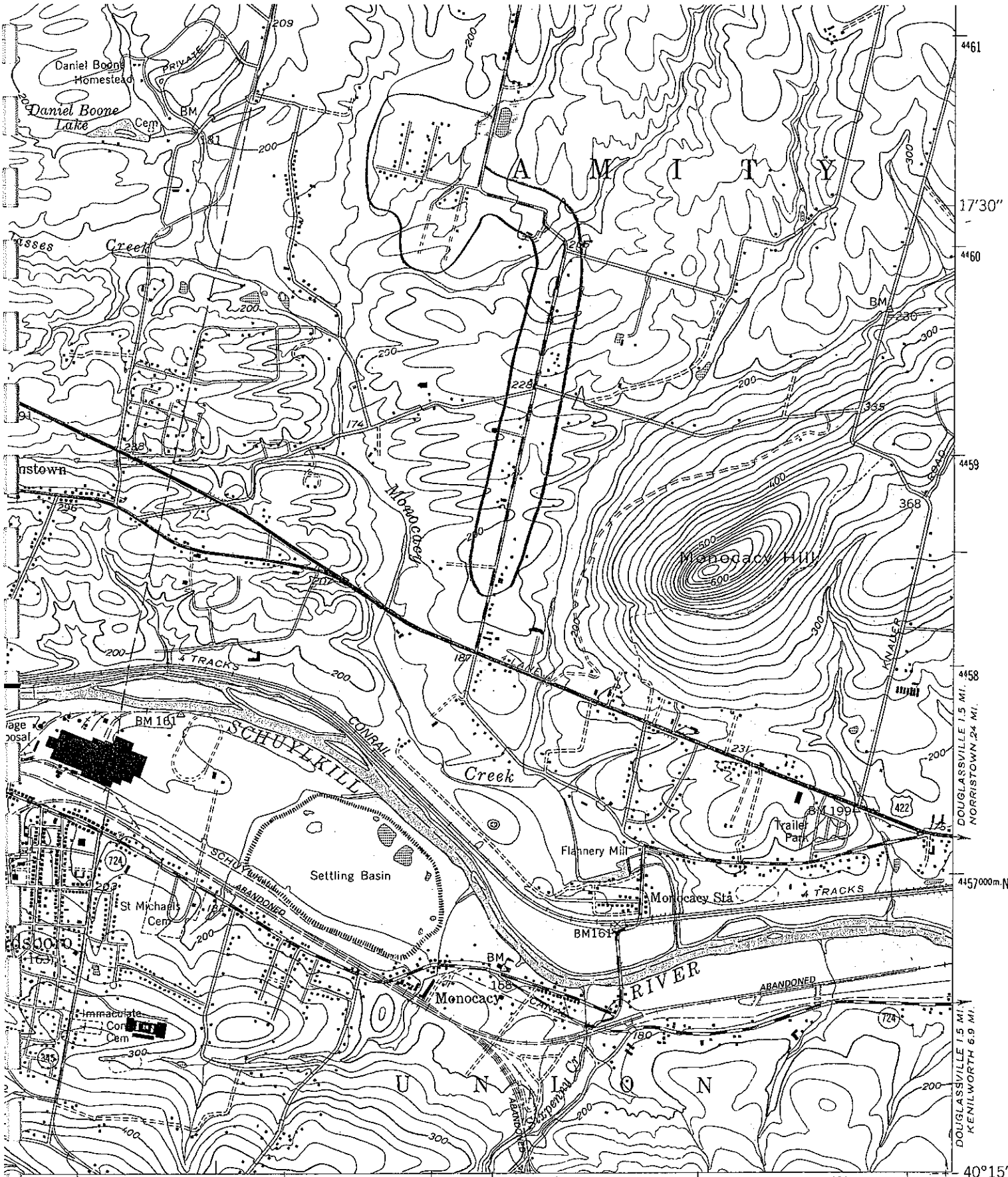
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DOUGLASSVILLE 1.5 MI. NORRISTOWN 2.4 MI. DOUGLASSVILLE 1.5 MI. KENILWORTH 6.9 MI. (POTTSTOWN) 5.6 & 11 MI.

ROAD CLASSIFICATION

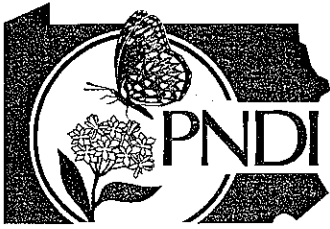
Primary highway, hard surface	Light-duty road, hard or improved surface
Secondary highway, hard surface	Unimproved road

○ Interstate Route ◐ U. S. Route ○ State Route

1 MILE
6000 7000 FEET
1 KILOMETER

PENNSYLVANIA

BIRDSBORO, PA.



RECEIVED
MAY 14 2003

Pennsylvania Natural Diversity Inventory

Scientific information and expertise for the conservation of Pennsylvania's native biological diversity

March 21, 2003

Fax 717-772-0271

717-772-0258

Bureau of Forestry

Paul Schwartz
LTL Consultants, Ltd.
PO Box 241, One Town Centre
Oley, PA 19547

Re: Pennsylvania Natural Diversity Inventory Review for the Proposed Sewer Treatment Plant Construction, Amity Township
PER NO: 14237

Dear Mr. Schwartz:

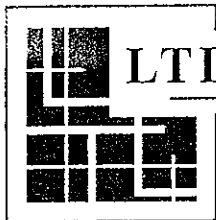
In response to your request March 10, 2003 to review the above mentioned project, we have reviewed the area using the Pennsylvania Natural Diversity Inventory (PNDI) information system. PNDI records indicate that no occurrences of species of special concern are known to exist within the project area, therefore we do not anticipate any impact on endangered, threatened, or rare species at this location. PNDI attempts to be a complete information resource on species of special concern within the Commonwealth. However, it may not contain all location information for species within the jurisdiction of other agencies. Please contact the Fish and Boat Commission and US Fish and Wildlife Service for information on species within their purview.

PNDI is the natural heritage program of Pennsylvania and uses a site-specific information system that describes significant natural resources within the Commonwealth. This system includes data descriptive of plant and animal species of special concern, exemplary natural communities and unique geological features. PNDI is a cooperative project of the Department of Conservation and Natural Resources, The Nature Conservancy and the Western Pennsylvania Conservancy. This response represents the most up-to-date summary of the PNDI data files and is **good for one year**. An absence of recorded information does not necessarily imply actual conditions on-site. A field survey of any site may reveal previously unreported populations.

Feel free to phone our office if you have questions concerning this response or the PNDI system, and please refer to the P.E.R. Reference Number at the top of the letter in future correspondence concerning this project.

Sincerely,

Justin P. Newell
Environmental Review Specialist



LTL CONSULTANTS, LTD. • ENGINEERS & CODE OFFICIALS

PO BOX 241 • ONE TOWN CENTRE DRIVE • OLEY, PA 19547
(610) 987-9290 • FAX: (610) 987-9288

March 27, 2003

U.S. Fish and Wildlife Service
Attn: Mr. Michael Schmaus
315 South Allen Street Suite 322
State College, PA 16801

Dear Mr. Schmaus:

I am working on behalf of Amity Township, Berks County, Pennsylvania, preparing an Act 537 Sewage Facilities Plan. We are currently looking at four alternatives for solving a problem of malfunctioning septic systems in part of the township. I have sent a letter to PNDI explaining each of the alternatives, and received back a "clean" letter. However, in that letter, they advised us to also contact your office.

Briefly, the four alternatives are:

Option 1 - Limekiln Interceptor. This project extends sewer for approximately 6,200' along a state road to provide sewer to a mobile home park.

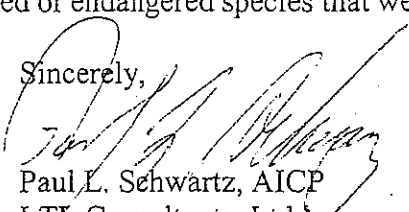
Option 2 - Monocacy Creek Interceptor. This project extends sewer approximately 13,300' along the Monocacy Creek stream bed, and will serve both the mobile home park, and homes on the other side of the Creek. The area of disturbance should be limited to 12' along the creek.

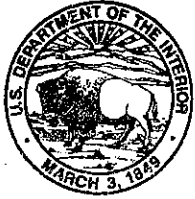
Option 3 - Package Treatment Plant - Mobile Home Park. This project will construct a "package" sewage treatment plant to serve the homes in the mobile home park. Disturbance will include construction of a gravel access road, and the site for the plant. Less than 1 acre is expected to be disturbed.

Option 4 - Package Treatment Plant - Combined. This would construct a "package" treatment plant to serve both the mobile home park and the homes across the Monocacy Creek. Disturbance will include construction of a gravel road, site for the plant, and one stream crossing. Less than 1 acre will be disturbed.

I have attached copies of topographic maps showing each project, as well as a copy of the PNDI letter. Please advise us if there are any threatened or endangered species that we need to be concerned with.

Sincerely,


Paul L. Schwartz, AICP
LTL Consultants, Ltd.
Senior Planner



United States Department of the Interior

FISH AND WILDLIFE SERVICE

Pennsylvania Field Office
315 South Allen Street, Suite 322
State College, Pennsylvania 16801-4850



April 10, 2003

Paul L. Schwartz, AICP
LTL Consultants, Ltd.
P.O. Box 241
One Town Centre Drive
Oley, PA 19547

Dear Mr. Schwartz:

This responds to your letter of March 27, 2003, requesting information about natural resource areas of special concern, and federally listed and proposed species in the vicinity of the proposed sewer extension, sewage treatment construction, and gravel road construction projects located in Amity Township, Berks County, Pennsylvania. The following comments are provided pursuant to the Fish and Wildlife Coordination Act (48 Stat. 401, 16 U.S.C. 661 *et seq.*) and the Endangered Species Act of 1973 (87 Stat. 884, as amended; 16 U.S.C. 1531 *et seq.*).

Except for occasional transient species, no federally listed or proposed threatened or endangered species under our jurisdiction are known to occur within the projects' impact areas. Therefore, no biological assessment nor further consultation under the Endangered Species Act are required with the Fish and Wildlife Service. This determination is valid for two years from the date of this letter. If the proposed projects have not been fully implemented prior to this, an additional review by this office will be necessary. Should projects' plans change, or if additional information on listed or proposed species becomes available, this determination may be reconsidered. A compilation of certain federal status species in Pennsylvania is enclosed for your information.

Based on our office review of projects' information provided and map reconnaissance (i.e., County Soils maps and/or National Wetland Inventory maps), wetlands may occur within the boundaries of the proposed projects. Work in wetlands requires permits from the Pennsylvania Department of Environmental Protection and/or the Army Corps of Engineers. We suggest you contact the DEP and the Corps at the addresses listed below for information on permit requirements.

Pennsylvania Department of
Environmental Protection
Division of Rivers and
Wetlands Conservation
P.O. Box 8554
Harrisburg, PA 17105-8554

District Engineer, Philadelphia District
U.S. Army Corps of Engineers
100 Penn Square East
Philadelphia, PA 19107-3390

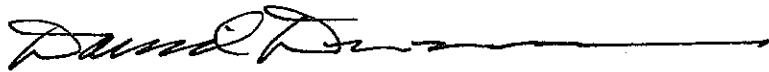
By copy of this letter, we are informing these agencies of the proposed projects.

This response relates only to endangered and threatened species under our jurisdiction and a preliminary review for wetlands, based on an office review of the proposed projects' locations. No field inspection of the projects' areas has been conducted by this office. Therefore, we suggest contacting a qualified consultant to evaluate your site for potential wetland impacts.

For information regarding State resources of special concern, including State-listed endangered and threatened species, please contact the Pennsylvania Game Commission (birds and mammals; State Game Lands), the Pennsylvania Fish and Boat Commission (fish, reptiles, amphibians and aquatic invertebrates; trout streams), the Pennsylvania Department of Conservation and Natural Resources (PNDI; plants and plant sanctuaries; State Forests; State Parks; Natural Areas; State Wild and Scenic Rivers) and the Department of Environmental Protection (Special Protection Watersheds; Wetlands).

If we can be of further assistance, please contact Michael Schmaus of my staff at 814-234-4090.

Sincerely,



David Densmore
Supervisor

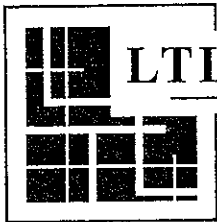
Enclosure

**FEDERALLY LISTED, PROPOSED AND CANDIDATE SPECIES
(in Pennsylvania)**

<u>Common Name</u>	<u>Scientific Name</u>	<u>Status</u> ¹	<u>Distribution (by County and/or Watershed)</u>
<u>FISHES</u>			
Shortnose sturgeon ²	<i>Acipenser brevirostrum</i>	E	Delaware River & other Atlantic coastal waters
<u>REPTILES</u>			
Bog turtle	<i>Clemmys muhlenbergii</i>	T	Current - Adams, Berks, Bucks, Chester, Cumberland, Delaware, Franklin, Lancaster, Lebanon, Lehigh, Monroe, Montgomery, Northampton, Schuylkill, York. Historic - Crawford, Mercer, Philadelphia Co.
Eastern massasauga rattlesnake	<i>Sistrurus catenatus catenatus</i>	C	Current - Butler, Crawford, Mercer and Venango Co. Historic - Allegheny and Lawrence Co.
<u>BIRDS</u>			
Bald eagle	<i>Haliaeetus leucocephalus</i>	T	Suitable habitats across the state. Recent nesting in Butler, Cameron, Centre, Chester, Crawford, Dauphin, Erie, Forest, Huntingdon, Lancaster, Lebanon, Mercer, Northumberland, Pike, Tioga, Venango, Warren, Wayne and York Co. Wintering concentrations occur near ice-free sections of rivers, lakes and reservoirs, including the Delaware River.
Piping plover	<i>Charadrius melodus</i>	E	Migratory. No nesting in Pennsylvania since 1950s. Designated critical habitat on Presque Isle, Erie Co.
<u>MAMMALS</u>			
Indiana bat	<i>Myotis sodalis</i>	E	Winter hibernacula: Armstrong, Blair, Lawrence, Luzerne, Mifflin and Somerset Co.
<u>MOLLUSKS</u>			
Dwarf wedgemussel	<i>Alasmidonta heterodon</i>	E	Current - Delaware River (Wayne Co.). Historic - Delaware River watershed (Bucks, Carbon, Chester and Philadelphia Co.); Susquehanna River watershed (Lancaster Co.)
Clubshell mussel	<i>Pleurobema clava</i>	E	French Creek and Allegheny River watersheds (Clarion, Crawford, Erie, Forest, Mercer, Venango and Warren Co.); Shenango River (Ohio River watershed; Mercer and Crawford Co.)
Northern riffleshell	<i>Epioblasma torulosa rangiana</i>	E	French Creek and Allegheny River watersheds (Clarion, Crawford, Erie, Forest, Mercer, Venango and Warren Co.)
<u>PLANTS</u>			
Northeastern bulrush	<i>Scirpus ancistrochaetus</i>	E	Current - Adams, Bedford, Blair, Carbon, Centre, Clinton, Cumberland, Dauphin, Franklin, Huntingdon, Lackawanna, Lehigh, Lycoming, Mifflin, Monroe, Perry, Snyder and Union Co. Historic - Northampton Co.
Small-whorled pogonia	<i>Isotria medeoloides</i>	T	Current - Centre, Chester and Venango Co. Historic - Berks, Greene, Monroe, Montgomery and Philadelphia Co.

¹ E = Endangered, T = Threatened, PE = Proposed Endangered, PT = Proposed Threatened, C = Candidate Revised 2/27/03

² Shortnose sturgeon is under the jurisdiction of the National Marine Fisheries Service



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April 1, 2003

Non-game and Endangered Species Unit
Pennsylvania Fish and Boat Commission
Attn: Ms. Katharine L. Derge, Herpetologist/Assistant Nongame Biologist
450 Robinson Lane
Bellefonte, PA 16823

RE: Amity Township Act 537
Sewage Facilities Plan

Dear Ms. Derge:

Thanks very much for the e-mail information. I've completed the forms, and enclosed the information, as per your request.

I am working on behalf of Amity Township, Berks County, Pennsylvania, preparing an Act 537 Sewage Facilities Plan. We are currently looking at four alternatives for solving a problem of malfunctioning septic systems in part of the township. I have sent a letter to PNDI explaining each of the alternatives, and received back a "clean" letter. However, in that letter, they advised us to also contact your office.

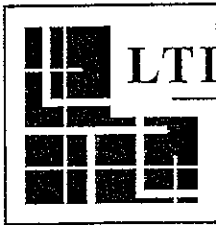
Briefly, the four alternatives are:

Option 1 - Limekiln Interceptor. This project extends sewer for approximately 6,200' along a state road to provide sewer to a mobile home park.

Option 2 - Monocacy Creek Interceptor. This project extends sewer approximately 13,300' along the Monocacy Creek stream bed, and will serve both the mobile home park, and homes on the other side of the Creek. The area of disturbance should be limited to 12' along the creek.

Option 3 - Package Treatment Plant - Mobile Home Park. This project will construct a "package" sewage treatment plant to serve the homes in the mobile home park. Disturbance will include construction of a gravel access road, and the site for the plant. Less than 1 acre is expected to be disturbed.

Option 4 - Package Treatment Plant - Combined. This would construct a "package" treatment plant to serve both the mobile home park and the homes across the Monocacy Creek. Disturbance will include construction of a gravel road, site for the plant, and one stream crossing. Less than 1 acre will be disturbed.



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PO BOX 241 • ONE TOWN CENTRE DRIVE • OLEY, PA 19547
(610) 987-9290 • FAX: (610) 987-9288

April 1, 2003

Non-game and Endangered Species Unit
Pennsylvania Fish and Boat Commission
Attn: Ms. Katharine L. Derge, Herpetologist/Assistant Nongame Biologist
450 Robinson Lane
Bellefonte, PA 16823

RE: Amity Township Act 537
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Briefly, the four alternatives are:

Option 1 - Limekiln Interceptor. This project extends sewer for approximately 6,200' along a state road to provide sewer to a mobile home park.

Option 2 - Monocacy Creek Interceptor. This project extends sewer approximately 13,300' along the Monocacy Creek stream bed, and will serve both the mobile home park, and homes on the other side of the Creek. The area of disturbance should be limited to 12' along the creek.

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COMMONWEALTH OF PENNSYLVANIA
FISH AND BOAT COMMISSION
 NONGAME AND ENDANGERED SPECIES UNIT (NESU)

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:

Nongame and Endangered Species Unit
 PA Fish and Boat Commission
 450 Robinson Lane
 Bellefonte, PA 16823
 Fax: (814) 359-5175
- 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.
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- F. *Allow 30 days for completion of the review from the date of PFBC-NESU 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: 14237

PFBC-NESU response should be sent to:
 Company/Agency: LTL Consultants, Ltd. Form Preparer: Paul L. Schwartz
 Address: PO Box 241, One Town Centre Dr.,
Oley, PA 19547 Phone (8:00 AM to 4:00 PM): 610-987-9290

Project Description: Extending sewer to serve mobile home park. This proposal will extend sewer approx. 6,200' along Limekiln Road, an existing state road. The only anticipated disturbance will be along the already developed road.

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: Berks Township/Municipality: Amity Township

Name of the United States Geological Survey (U.S.G.S.) 7.5 Minute Quadrangle Map where project is located:
BIRDSBORO, PA Project size (in acres): <2

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:** 40 ° / 17 ' / 25 " N
 Indicate latitude/longitude in degrees-minutes-seconds format only. **Longitude:** 75 ° / 47 ' / 34 " 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-NESU USE ONLY

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

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FISH AND BOAT COMMISSION
 NONGAME AND ENDANGERED SPECIES UNIT (NESU)

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PFBC-NESU response should be sent to:

Company/Agency: LTL Consultants, Ltd. Form Preparer: Paul L. Schwartz

Address: PO Box 241, One Town Centre Dr., Oley, PA 19547 Phone (8:00 AM to 4:00 PM): 610-987-9290

Project Description: Extending sewer to serve mobile home park and homes along Valley Rd. This proposal will extend sewer approx. 13,300' along the Monocacy Creek stream bed. The anticipated service area will be limited to a 12' wide strip along the creek.

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: Berks Township/Municipality: Amity Township

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

BIRDSBORO, PA Project size (in acres): <2

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: 40 ° / 17 ' / 25 " N

Indicate latitude/longitude in degrees-minutes-seconds format only.

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FOR PFBC-NESU USE ONLY

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 Company/Agency: LTJ Consultants, Ltd. Form Preparer: Paul L. Schwartz
 Address: PO Box 241, One Town Centre Dr.,
Oley, PA 19547 Phone (8:00 AM to 4:00 PM): 610-987-9290

Project Description: Construct a "package" sewage treatment plant to serve homes in mobile home park. Disturbance will include construction of a gravel access road, and site for plant. Less than 1 acre will be disturbed.

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: Berks Township/Municipality: Amity Township

Name of the United States Geological Survey (U.S.G.S.) 7.5 Minute Quadrangle Map where project is located:
BIRDSBORO, PA Project size (in acres): <1

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Specify latitude/longitude of the project center. **Latitude:** 40 ° / 17 ' / 30 " N

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FISH AND BOAT COMMISSION
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Disturbance will include construction of a gravel access road, site for plant, and 1 stream crossing. Less than 1 acre will be disturbed.

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RECEIVED MAY 05 2003

Commonwealth of Pennsylvania
Pennsylvania Fish and Boat Commission
Division of Environmental Services
450 Robinson Lane
Bellefonte, PA 16823
814-359-5147

May 2, 2003

IN REPLY REFER TO
SIR #11815

LTL Consultants, Ltd.
Paul L. Schwartz, AICP
P.O. Box 241
One Town Centre Drive
Oley, PA 19547

**RE: Species Impact Review (SIR) – Rare, Candidate, Threatened and Endangered Species
Amity Township Act 537 Sewage Facilities Plan – PER NO: 14237
Amity Township, Berks County, Pennsylvania**

Dear Mr. Schwartz:

I have examined the map accompanying your recent correspondence which shows the location for the proposed above referenced project.

Presently, none of the fishes, amphibians or reptiles we list as endangered or threatened are known to occur at or in the immediate vicinity of this study area.

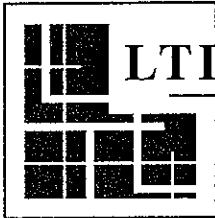
Please note that the Pennsylvania Fish & Boat Commission conducts Species Impact Reviews **only for reptiles, amphibians, fishes, and aquatic invertebrates**. Reviews concerning other natural resources must be submitted to other appropriate agencies. In any future correspondence with us regarding this specific project, please refer to the SIR number above.

Thank you in advance for your cooperation.

Sincerely,

John A. Arway, Chief
Division of Environmental Services

KLD:dmc



LTL CONSULTANTS, LTD. • ENGINEERS & CODE OFFICIALS

PO BOX 241 • ONE TOWN CENTRE DRIVE • OLEY, PA 19547
(610) 987-9290 • FAX: (610) 987-9288

April 1, 2003

Mr. James Leigey
Wildlife Management
Pennsylvania Game Commission
2001 Elmerton Avenue
Harrisburg, PA 17110-9797

Dear Mr. Leigey:

I am working on behalf of Amity Township, Berks County, Pennsylvania, preparing an Act 537 Sewage Facilities Plan. We are currently looking at four alternatives for solving a problem of malfunctioning septic systems in part of the township. I have sent a letter to PNDI explaining each of the alternatives, and received back a "clean" letter. However, in that letter, they advised us to also contact your office.

Briefly, the four alternatives are:

Option 1 - Limekiln Interceptor. This project extends sewer for approximately 6,200' along a state road to provide sewer to a mobile home park.

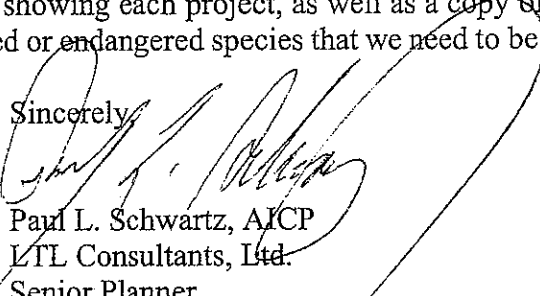
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I have attached copies of topographic maps showing each project, as well as a copy of the PNDI letter. Please advise us if there any threatened or endangered species that we need to be concerned with.

Sincerely,


Paul L. Schwartz, AICP
LTL Consultants, Ltd.
Senior Planner

Enclosures

cc: File:F:\Amity\Engineer\Act 537\2003\PA Game Commission 040103.wpd

RECEIVED MAY 29 2003

COMMONWEALTH OF PENNSYLVANIA

PENNSYLVANIA GAME COMMISSION

2001 ELMERTON AVENUE, HARRISBURG, PA 17110-9797



May 21, 2003

Mr. Paul L. Schwartz
LTL Consultants, Ltd.
PO Box 241
One Town Centre Drive
Oley, PA 19547

In re: Act 537 Sewage Facilities Plan
Four Proposed Alternatives
Amity Township, Berks County, PA

Dear Mr. Schwartz:

This is in response to your letters of April 1, 2003, requesting information concerning endangered and threatened species of birds and mammals and impacts to State Game Lands as related to the proposed projects.

Our office review has determined that no state listed endangered or threatened species of birds or mammals are known to occur within the proposed project areas. Except for occasional transient individuals, these projects should not impact any endangered or threatened species of birds or mammals recognized by the Pennsylvania Game Commission. Also, no State Game Lands are located close enough that any impacts to them are anticipated by the proposed projects. However, should project plans change or if additional information on endangered or threatened species or State Game Lands becomes available, these determinations may be reconsidered.

The proposed projects may impact wetlands which this agency considers as critical and unique habitat. You should be aware that any impacts to wetlands or other bodies of water will require permits from the Department of Environmental Protection under Chapter 105 and the U.S. Army Corps of Engineers under Section 404 of the Clean Water Act.

ADMINISTRATIVE BUREAUS:

PERSONNEL: 717-787-7836 ADMINISTRATION: 717-787-5670 AUTOMOTIVE AND PROCUREMENT DIVISION: 717-787-6594
LICENSE DIVISION: 717-787-2084 WILDLIFE MANAGEMENT: 717-787-5529 INFORMATION & EDUCATION: 717-787-6286 LAW ENFORCEMENT: 717-787-5740
LAND MANAGEMENT: 717-787-6818 REAL ESTATE DIVISION: 717-787-6568 AUTOMATED TECHNOLOGY SYSTEMS: 717-787-4076 FAX: 717-772-2411

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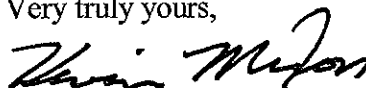
Mr. Paul L. Schwartz

-2-

May 21, 2003

If you have any questions, please contact me at (717) 783-5957.

Very truly yours,



James R. Leigey
Wildlife Impact Review Coordinator
Section Oil/Gas and Mineral Development
Bureau of Land Management

JRL/pfb

Cc: File