

Ordering Clause (q)

- Prior to the commencement of construction, Applicant shall provide notice to the Secretary that each necessary local, state, and federal permit required in connection with this project has been obtained and shall provide a copy of each permit and a copy of all other plans and document discussed in the body of this order;



June 3, 2011

Hon. Jaclyn A. Brillling
Secretary
New York State Public Service Commission
Empire State Plaza
Agency Building 3
Albany, New York 12223-1350

Re: Case 10-T-0350 – Application of DMP New York, Inc. and Laser Northeast Gathering Company, LLC Order Granting Certificate of Environmental Compatibility and Public Need (Issued and Effective February 22, 2011) Ordering Clause (q)

Dear Secretary:

In accordance to Ordering Clause (q), Applicant hereby provides notice to the Secretary that each necessary local, state and federal permit required in connection with the above mentioned project has been obtained, with the exception of the Hwy 17 permit in New York. A copy of permits required in Pennsylvania are attached.

Respectfully submitted,

A handwritten signature in blue ink that reads "Vincent A. Bonaddio".

Vince Bonaddio
Chief Operating Officer
Pipeline Construction & Operations

ORDERING CLAUSE (q)

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(ALL OTHER RELATED PERMITS HAVE BEEN PREVIOUSLY SUBMITTED)



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATERSHED MANAGEMENT
BUREAU OF OIL & GAS MANAGEMENT

APPROVAL OF COVERAGE UNDER THE
EROSION AND SEDIMENT CONTROL GENERAL PERMIT
FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS
EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS
OR TRANSMISSION FACILITIES
ESCGP-1

Approval No: ESX10-115-0066 (01)

In compliance with the provisions of The Clean Streams Law, as amended, 35 P.S. Section 691.1 et seq., the Oil & Gas Act 58 P. S. § 601.101 et seq., 25 Pa Code Chapters 78, 91, 93 and 102 regulations promulgated thereto, and sections 1905-A, 1917-A and 1920-A of the Administrative Code of 1929 (71 P.S. §§510-5, 510-17 and 510-20) the Department of Environmental Protection (Department) hereby authorizes the permittee to conduct earth disturbance activities at the following location:

PERMITTEE NAME AND ADDRESS

I "CHIP" BERTHELOT, II

LASER NORTHEAST GATHERING COMPANY, LLC

333 CLAY, SUITE 4500

HOUSTON, TX 77002

PROJECT NAME AND LOCATION

SUSQUEHANNA PIPELINE - NORTH SEGMENT

LIBERTY, GREAT BEND, AND FRANKLIN TOWNSHIPS, SUSQUEHANNA COUNTY

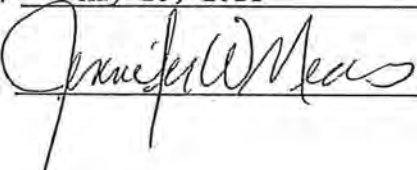
This authorization is granted to conduct earth disturbance activities and construct the erosion and sediment control and stormwater management best management practices (BMPs) within the project indicated above, provided that you comply with all representations set forth in your application and its supporting documents and permit conditions attached hereto.

Earth disturbance activities in accordance with the terms and conditions herein may commence on the date of the approval of permit coverage. This approval is valid for a period of five years when conducted pursuant to such terms and conditions the Department may terminate the approval prior to the expiration date upon notice to and approval. No condition of this permit shall release the permittee(s) from any responsibility or requirement under Pennsylvania statutes or regulations.

No condition of this permit shall release the permittee(s) from any responsibility or requirement under Pennsylvania statutes or regulations or local ordinances.

Approval Date: May 20, 2011

Expiration Date: May 19, 2016

Authorized by: 

Title: ENVIRONMENTAL PROGRAM MANAGER

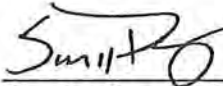
5. The Department reserves the rights to modify, suspend, revoke or terminate previous coverage under this permit if the permittee(s) shows a lack of ability or intent to comply with the provisions of the permit, or has exhibited a history of non-compliance with the permit conditions.
6. Earth disturbance activities in a watershed, where the designated or existing use is High Quality or Exceptional Value or exceptional value wetland pursuant to 25 Pa Code Chapter 93.4b, shall comply with the anti-degradation requirements of 25 Pa Code Chapter 93.4 Sections 93.4a thru 93.4c and 25 Pa Code Chapter 105.13. Additional BMPs for special protection watersheds are contained in Chapter 4 of the Oil and Gas Operators Manual (No. 550-0300-001), the Stormwater Best Management Practices Manual (363-0300-002) and 25 Pa Code Chapter 102.4(b).
7. Erosion and sediment control and stormwater management BMPs shall be designed and implemented to meet the standards and specifications identified in 25 Pa Code Chapters 78, 93, 102 and any other applicable laws and regulations. Best Management Practices for oil and gas activities are listed in the Department's Oil and Gas Operators Manual, No. 550-0300-001 and Erosion and Sediment Pollution Control Manual, No. 363-2134-008, the Water Quality Antidegradation Guidance No. 391-0300-002 and the Stormwater Best Management Practices Manual No. 363-0300-002. The permittee(s) may use BMPs that are not identified in the foregoing manuals if the permittee(s) demonstrates to the reviewing entity's satisfaction that the proposed BMPs achieve equivalent or superior environmental protection standards.
8. If the earth disturbance activities authorized by this permit at any time create conditions that cause or threaten to cause pollution to waters of the Commonwealth, the permittee(s) shall immediately implement remedial measures to correct the conditions.
9. The permittee(s) shall notify the delegated conservation district or the Department by either telephone or certified mail of the intent to commence earth disturbance activities. The notification must be at least seven days prior to the start of earth disturbance activities. Attendance at a pre-construction conference is required upon request by the District or Department.
10. BMPs must be inspected on a weekly basis and after each measurable stormwater event, including the repair of the BMPs to ensure effective and efficient operation. A written report of each inspection shall be kept to include a summary of site conditions, BMPs, and compliance, corrective action taken and the date, time, and the name of the person conducting the inspection. These documents are to be made available to the Department upon request.
11. Upon completion of the earth disturbance activity the site shall be permanently stabilized according to the requirements of Pa Code Chapter 102. In addition, post construction stormwater management BMPs shall be in place and operating prior to a site being considered permanently stabilized.
12. Procedures which ensure that the proper disposal or recycling of materials associated with or from the project site will be undertaken in an environmentally safe manner, and in accordance with federal and state law and regulations. No waste or similar materials shall be disposed, buried, dumped, or discharged at the site unless it is in accordance with federal and state law and regulations.
13. Issuance of this permit does not authorize earth disturbance activities in wetlands or other water obstructions or encroachments as depicted in the approved E&S Plan. Any changes to the approved E&S Plan resulting from other permits from the Department that authorize activity in wetlands or other water obstructions or encroachments must be submitted to the reviewing entity for review and approval prior to initiating the earth disturbance activity. If hydric soils are present, a wetland identification must be conducted in accordance with Department procedures. All wetlands and watercourses must be included on the E&S Plan.
14. The permittee may not discharge floating materials, oil grease, scum, foam, sheen and substances which produce odor, taste, turbidity, or settle to form deposits in concentrations or amounts sufficient to be, or create a danger of being, harmful to the water uses to be protected or to human, animal, plant or aquatic life.
15. In accordance with 25 Pa. Code § 78.55, operators of oil and gas wells are required to prepare and implement a Preparedness, Prevention, and Contingency plan. A copy of the plan shall be provided to the Department upon request.

23. Notice of Termination. When all stormwater discharges associated with the earth disturbance activity that are authorized by this permit are eliminated, the disturbed area has been permanently stabilized and BMPs identified in the PCSM Plan have been installed, the permittee or co-permittee of the facility must submit a signed Notice of Termination letter. All Notice of Termination letters are to be sent to the Department or the authorized Conservation District.

PERMIT ISSUED BY:



Director, Bureau of Watershed Management



Director, Bureau of Oil and Gas Management



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATERSHED MANAGEMENT
BUREAU OF OIL & GAS MANAGEMENT

APPROVAL OF COVERAGE UNDER THE
EROSION AND SEDIMENT CONTROL GENERAL PERMIT
FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS
EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS
OR TRANSMISSION FACILITIES
ESCGP-1

Approval No: ESX11-115-0035

In compliance with the provisions of The Clean Streams Law, as amended, 35 P.S. Section 691.1 et seq., the Oil & Gas Act 58 P. S. § 601.101 et seq., 25 Pa Code Chapters 78, 91, 93 and 102 regulations promulgated thereto, and sections 1905-A, 1917-A and 1920-A of the Administrative Code of 1929 (71 P.S. §§510-5, 510-17 and 510-20) the Department of Environmental Protection (Department) hereby authorizes the permittee to conduct earth disturbance activities at the following location:

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1 "CHIP" BERTHELOT, II

LASER NORTHEAST GATHERING COMPANY, LLC

333 CLAY, SUITE 4500

HOUSTON, TX 77002

PROJECT NAME AND LOCATION

SUSQUEHANNA PIPELINE - SOUTH SEGMENT

LIBERTY, SILVER LAKE, FRANKLIN, FOREST LAKE, JESSUP AND MIDDLETOWN TOWNSHIPS,
SUSQUEHANNA COUNTY

This authorization is granted to conduct earth disturbance activities and construct the erosion and sediment control and stormwater management best management practices (BMPs) within the project indicated above, provided that you comply with all representations set forth in your application and its supporting documents and permit conditions attached hereto.

Earth disturbance activities in accordance with the terms and conditions herein may commence on the date of the approval of permit coverage. This approval is valid for a period of five years when conducted pursuant to such terms and conditions the Department may terminate the approval prior to the expiration date upon notice to and approval. No condition of this permit shall release the permittee(s) from any responsibility or requirement under Pennsylvania statutes or regulations.

No condition of this permit shall release the permittee(s) from any responsibility or requirement under Pennsylvania statutes or regulations or local ordinances.

Approval Date: May 20, 2011

Expiration Date: May 19, 2016

Authorized by: 

Title: ENVIRONMENTAL PROGRAM MANAGER

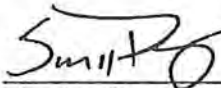
5. The Department reserves the rights to modify, suspend, revoke or terminate previous coverage under this permit if the permittee(s) shows a lack of ability or intent to comply with the provisions of the permit, or has exhibited a history of non-compliance with the permit conditions.
6. Earth disturbance activities in a watershed, where the designated or existing use is High Quality or Exceptional Value or exceptional value wetland pursuant to 25 Pa Code Chapter 93.4b, shall comply with the anti-degradation requirements of 25 Pa Code Chapter 93.4 Sections 93.4a thru 93.4c and 25 Pa Code Chapter 105.13. Additional BMPs for special protection watersheds are contained in Chapter 4 of the Oil and Gas Operators Manual (No. 550-0300-001), the Stormwater Best Management Practices Manual (363-0300-002) and 25 Pa Code Chapter 102.4(b).
7. Erosion and sediment control and stormwater management BMPs shall be designed and implemented to meet the standards and specifications identified in 25 Pa Code Chapters 78, 93, 102 and any other applicable laws and regulations. Best Management Practices for oil and gas activities are listed in the Department's Oil and Gas Operators Manual, No. 550-0300-001 and Erosion and Sediment Pollution Control Manual, No. 363-2134-008, the Water Quality Antidegradation Guidance No. 391-0300-002 and the Stormwater Best Management Practices Manual No. 363-0300-002. The permittee(s) may use BMPs that are not identified in the foregoing manuals if the permittee(s) demonstrates to the reviewing entity's satisfaction that the proposed BMPs achieve equivalent or superior environmental protection standards.
8. If the earth disturbance activities authorized by this permit at any time create conditions that cause or threaten to cause pollution to waters of the Commonwealth, the permittee(s) shall immediately implement remedial measures to correct the conditions.
9. The permittee(s) shall notify the delegated conservation district or the Department by either telephone or certified mail of the intent to commence earth disturbance activities. The notification must be at least seven days prior to the start of earth disturbance activities. Attendance at a pre-construction conference is required upon request by the District or Department.
10. BMPs must be inspected on a weekly basis and after each measurable stormwater event, including the repair of the BMPs to ensure effective and efficient operation. A written report of each inspection shall be kept to include a summary of site conditions, BMPs, and compliance, corrective action taken and the date, time, and the name of the person conducting the inspection. These documents are to be made available to the Department upon request.
11. Upon completion of the earth disturbance activity the site shall be permanently stabilized according to the requirements of Pa Code Chapter 102. In addition, post construction stormwater management BMPs shall be in place and operating prior to a site being considered permanently stabilized.
12. Procedures which ensure that the proper disposal or recycling of materials associated with or from the project site will be undertaken in an environmentally safe manner, and in accordance with federal and state law and regulations. No waste or similar materials shall be disposed, buried, dumped, or discharged at the site unless it is in accordance with federal and state law and regulations.
13. Issuance of this permit does not authorize earth disturbance activities in wetlands or other water obstructions or encroachments as depicted in the approved E&S Plan. Any changes to the approved E&S Plan resulting from other permits from the Department that authorize activity in wetlands or other water obstructions or encroachments must be submitted to the reviewing entity for review and approval prior to initiating the earth disturbance activity. If hydric soils are present, a wetland identification must be conducted in accordance with Department procedures. All wetlands and watercourses must be included on the E&S Plan.
14. The permittee may not discharge floating materials, oil grease, scum, foam, sheen and substances which produce odor, taste, turbidity, or settle to form deposits in concentrations or amounts sufficient to be, or create a danger of being, harmful to the water uses to be protected or to human, animal, plant or aquatic life.
15. In accordance with 25 Pa. Code § 78.55, operators of oil and gas wells are required to prepare and implement a Preparedness, Prevention, and Contingency plan. A copy of the plan shall be provided to the Department upon request.

23. Notice of Termination. When all stormwater discharges associated with the earth disturbance activity that are authorized by this permit are eliminated, the disturbed area has been permanently stabilized and BMPs identified in the PCSM Plan have been installed, the permittee or co-permittee of the facility must submit a signed Notice of Termination letter. All Notice of Termination letters are to be sent to the Department or the authorized Conservation District.

PERMIT ISSUED BY:



Director, Bureau of Watershed Management



Director, Bureau of Oil and Gas Management



pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION

June 2, 2011

CERTIFIED MAIL NO. 7010 0290 0003 1042 7488

Laser Northeast Gathering Company, LLC.
333 Clay Street, Suite 4500
Houston, TX 77002

Re: Water Obstruction & Encroachment Permit
DEP File No. E5829-003
APS ID No. 738473
Susquehanna Pipeline – South Segment
Franklin, Forest Lake, Liberty, Middletown, and
Silver Lake Townships, Susquehanna County

Dear Dale Harper:

Enclosed are duplicate copies of your Water Obstruction and Encroachment Permit. Please review the permit so that you are aware of the extent of the authorization and conditions. **PLEASE SIGN BOTH COPIES OF THE WATER OBSTRUCTION & ENCROACHMENT PERMIT, RETURN THE FILE COPY TO THIS OFFICE WITHIN 15 DAYS AND KEEP THE OTHER COPY FOR YOUR RECORDS.** Please note that you do not have authorization to begin your project until DEP receives your signed copy of the Water Obstruction & Encroachment Permit. **IF YOU BEGIN WORK PRIOR TO DEP RECEIVING THE SIGNED COPY OF THE PERMIT, YOU ARE SUBJECT TO PENALTIES TOTALING UP TO \$10,000 PER DAY.** The Department will provide you with an acknowledgment letter upon receipt of the fully-signed permit.

Please be advised that you do not have federal authorization for this project and such authorization is required prior to starting your project. In accordance with procedures established with the U.S. Army Corps of Engineers, you will be contacted directly by the Corps regarding federal authorization.

Prior to the commencement of construction, the enclosed Acknowledgment of Appraisal of Permit Conditions must be completed and signed by you and an individual responsible for the supervision or conduct of the construction work acknowledging and accepting the general and special conditions contained in the permit. Unless the signed Acknowledgment of Appraisal of Permit Conditions is submitted to this office, the permit is void.

The Completion Report form must be signed by you and the supervising engineer indicating that the work has been completed as approved. The Completion Report must be submitted to this office within 30 days of the completion of the approved project.

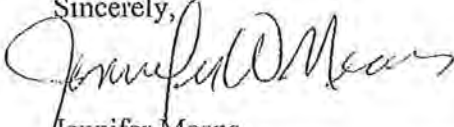
A copy of both the permit and the Acknowledgment of Appraisal of Permit Conditions must be available at the work site for inspection upon request by any officer or agent of DEP or any other federal, state, county and municipal agency.

June 2, 2011

Any person aggrieved by this action may appeal, pursuant to Section 4 of the Environmental Hearing Board Act, 35 P.S. Section 7514, and the Administrative Agency Law, 2 Pa. C.S. Chapter 5A, to the Environmental Hearing Board, Second Floor, Rachel Carson State Office Building, 400 Market Street, PO Box 8457, Harrisburg, PA 17105-8457, 717-787-3483. TDD users may contact the Board through the Pennsylvania Relay Service, 800-654-5984. Appeals must be filed with the Environmental Hearing Board within 30 days of receipt of written notice of this action unless the appropriate statute provides a different time period. Copies of the appeal form and the Board's rules of practice and procedure may be obtained from the Board. The appeal form and the Board's rules of practice and procedure are also available in braille or on audiotape from the Secretary to the Board at 717-787-3483. This paragraph does not, in and of itself, create any right of appeal beyond that permitted by applicable statutes and decisional law.

IF YOU WANT TO CHALLENGE THIS ACTION, YOUR APPEAL MUST REACH THE BOARD WITHIN 30 DAYS. YOU DO NOT NEED A LAWYER TO FILE AN APPEAL WITH THE BOARD.

IMPORTANT LEGAL RIGHTS ARE AT STAKE, HOWEVER, SO YOU SHOULD SHOW THIS DOCUMENT TO A LAWYER AT ONCE. IF YOU CANNOT AFFORD A LAWYER, YOU MAY QUALIFY FOR FREE PRO BONO REPRESENTATION. CALL THE SECRETARY TO THE BOARD (717-787-3483) FOR MORE INFORMATION.

Sincerely,

Jennifer Means
Environmental Program Manager

Enclosures

cc: File
File – Scranton Office
Joe Hunt, P.E.; Joe Hunt and Associates, Inc.

Permit No. E5829-003

Commonwealth of Pennsylvania
Department of Environmental Protection
Northcentral Regional Office
Bureau of Oil and Gas Management
Permitting Section

WATER OBSTRUCTION AND ENCROACHMENT PERMIT

The Department of Environmental Protection "DEP", established by the Act of December 3, 1970, P.L. 834 (71 P.S. § 510-1 et seq.) and empowered to exercise certain powers and perform certain duties under and by virtue of the Act of November 26, 1978, P.L. 1375, as amended by the Act of October 23, 1979, P.L. 204 (32 P.S. § 693.1 et seq.) known as the "Dam Safety and Encroachments Act"; Act of October 4, 1978, P.L. 851, (32 P.S. § 679.101 et seq.) known as the "Flood Plain Management Act"; Act of June 22, 1937, P.L. 1987, (35 P.S. § 691.1 et seq.), known as "The Clean Steams Law"; and the Administrative Code, Act of April 9, 1929, P.L. 177, as amended, which empowers DEP to exercise certain powers and perform certain duties by law vested in and imposed upon the Water Supply Commission of Pennsylvania and the Water and Power Resources Board, hereby issues this permit to:

Laser Northeast Gathering Company, LLC.
333 Clay Street, Suite 4500
Houston, TX 77002

giving its consent to construct, operate, and maintain;

- 1) A sixteen (16) inch natural gas gathering pipeline temporarily impacting less than 0.01 acres of Palustrine Scrub Shrub (PSS) Wetland (Franklin Forks, PA, PA Quadrangle N 41° 55' 57.57" Latitude, W -75° 51' 55.76" Longitude);
- 2) A sixteen (16) inch natural gas gathering pipeline temporarily impacting 13.5 linear feet of an UNT Silver Creek (Chap. 93 CWF) (Franklin Forks, PA, PA Quadrangle N 41° 55' 47.82" Latitude, W -75° 52' 9.70" Longitude);
- 3) A sixteen (16) inch natural gas gathering pipeline temporarily impacting 13.1 linear feet of an UNT Silver Creek (Chap. 93 CWF) (Franklin Forks, PA, PA Quadrangle N 41° 55' 46.42" Latitude, W -75° 52' 11.03" Longitude);
- 4) A sixteen (16) inch natural gas gathering pipeline temporarily impacting 9.3 linear feet of an Intermittent UNT Silver Creek (Chap. 93 CWF) (Franklin Forks, PA, PA Quadrangle N 41° 55' 35.58" Latitude, W -75° 52' 30.54" Longitude);
- 5) A sixteen (16) inch natural gas gathering pipeline temporarily impacting 9.6 linear feet of an Intermittent UNT Silver Creek (Chap. 93 CWF) (Laurel Lake, PA, PA Quadrangle N 41° 55' 34.75" Latitude, W -75° 52' 30.97" Longitude);
- 6) A sixteen (16) inch natural gas gathering pipeline temporarily impacting less than 0.01 acres of a Palustrine Forested (PFO) Wetland (Laurel Lake, PA, PA Quadrangle N 41° 55' 34.00" Latitude, W -75° 52' 31.40" Longitude);

Permit No. E5829-003

- 7) A sixteen (16) inch natural gas gathering pipeline temporarily impacting 5 linear feet of an Intermittent UNT Silver Creek (Chap. 93 CWF) (Laurel Lake, PA, PA Quadrangle N 41° 55' 15.35" Latitude, W -75° 52' 48.65" Longitude);
- 8) A sixteen (16) inch natural gas gathering pipeline temporarily impacting 3.1 linear feet of an Intermittent UNT Silver Creek (Chap. 93 CWF) (Laurel Lake, PA, PA Quadrangle N 41° 55' 13.62" Latitude, W -75° 52' 59.30" Longitude);
- 9) A sixteen (16) inch natural gas gathering pipeline temporarily impacting 6.8 linear feet of an UNT Silver Creek (Chap. 93 CWF) (Laurel Lake, PA, PA Quadrangle N 41° 55' 13.91" Latitude, W -75° 53' 5.10" Longitude);
- 10) A sixteen (16) inch natural gas gathering pipeline temporarily impacting 14.4 linear feet of an UNT Laurel Lake, PA Creek (Chap. 93 CWF) (Laurel Lake, PA, PA Quadrangle N 41° 55' 14.60" Latitude, W -75° 53' 33.72" Longitude);
- 11) A sixteen (16) inch natural gas gathering pipeline temporarily impacting 36.1 linear feet of Laurel Lake, PA Creek (Chap. 93 CWF) (Laurel Lake, PA, PA Quadrangle N 41° 55' 14.56" Latitude, W -75° 53' 35.92" Longitude);
- 12) A sixteen (16) inch natural gas gathering pipeline temporarily impacting less than 0.01 acres of a Palustrine Scrub Shrub (PSS) Wetland (Laurel Lake, PA, PA Quadrangle N 41° 55' 11.57" Latitude, W -75° 54' 1.66" Longitude);
- 13) A sixteen (16) inch natural gas gathering pipeline temporarily impacting less than 0.01 acres of a Palustrine Scrub Shrub (PSS) Wetland (Laurel Lake, PA, PA Quadrangle N 41° 55' 11.35" Latitude, W -75° 54' 6.08" Longitude);
- 14) A sixteen (16) inch natural gas gathering pipeline temporarily impacting 6.3 linear feet of an UNT Silver Creek (Chap. 93 CWF) (Laurel Lake, PA, PA Quadrangle N 41° 55' 11.17" Latitude, W -75° 54' 11.16" Longitude);
- 15) A sixteen (16) inch natural gas gathering pipeline temporarily impacting 4.8 linear feet of an Intermittent UNT Silver Creek (Chap. 93 CWF) (Laurel Lake, PA, PA Quadrangle N 41° 55' 11.03" Latitude, W -75° 54' 13.28" Longitude);
- 16) A sixteen (16) inch natural gas gathering pipeline temporarily impacting 6.4 linear feet of an UNT Silver Creek (Chap. 93 CWF) (Laurel Lake, PA, PA Quadrangle N 41° 55' 9.84" Latitude, W -75° 54' 37.08" Longitude);
- 17) A sixteen (16) inch natural gas gathering pipeline temporarily impacting less than 0.01 acres of a Palustrine Emergent (PEM) Wetland (Laurel Lake, PA, PA Quadrangle N 41° 54' 58.75" Latitude, W -75° 55' 12.65" Longitude);
- 18) A sixteen (16) inch natural gas gathering pipeline temporarily impacting less than 0.01 acres crossing of a Palustrine Emergent (PEM) Wetland (Laurel Lake, PA, PA Quadrangle N 41° 54' 57.60" Latitude, W -75° 55' 14.66" Longitude);
- 19) A sixteen (16) inch natural gas gathering pipeline temporarily impacting less than 0.01 acres of an Palustrine Emergent (PEM) Wetland (Laurel Lake, PA, PA Quadrangle N 41° 54' 58.10" Latitude, W -75° 55' 15.78" Longitude);
- 20) A sixteen (16) inch natural gas gathering pipeline temporarily impacting less than 0.01 acres of a Palustrine Emergent (PEM) Wetland (Laurel Lake, PA Topographic Quadrangle N 41° 54' 57.06" Latitude, W -75° 55' 19.56" Longitude);
- 21) A sixteen (16) inch natural gas gathering pipeline temporarily impacting 18.9 linear feet of Silver Creek (Chap. 93 CWF) (Laurel Lake, PA, PA Quadrangle N 41° 54' 57.85" Latitude, W -75° 55' 46.38" Longitude);

Permit No. E5829-003

- 22) A sixteen (16) inch natural gas gathering pipeline temporarily impacting less than 0.01 acres of a Palustrine Forested (PFO) Wetland (Laurel Lake, PA, PA Quadrangle N 41° 54' 58.46" Latitude, W -75° 55' 58.37" Longitude);
- 23) A sixteen (16) inch natural gas gathering pipeline temporarily impacting less than 0.01 acres of a Palustrine Forested (PFO) Wetland (Laurel Lake, PA, PA Quadrangle N 41° 54' 58.28" Latitude, W -75° 56' 0.56" Longitude);
- 24) A sixteen (16) inch natural gas gathering pipeline temporarily impacting less than 0.01 acres of a Palustrine Emergent (PEM) and Forested (PFO) Wetland (Laurel Lake, PA, PA Quadrangle N 41° 54' 58.32" Latitude, W -75° 56' 3.047" Longitude);
- 25) A sixteen (16) inch natural gas gathering pipeline temporarily impacting 15 linear feet of an UNT Silver Creek (Chap. 93 CWF) (Laurel Lake, PA, PA Quadrangle N 41° 54' 48.82" Latitude, W -75° 56' 9.71" Longitude);
- 26) A sixteen (16) inch natural gas gathering pipeline temporarily impacting less than 0.01 acres of a Palustrine Scrub Shrub (PSS) Wetland (Laurel Lake, PA, PA Quadrangle N 41° 54' 7.96" Latitude, W -75° 57' 29.20" Longitude);
- 27) A sixteen (16) inch natural gas gathering pipeline temporarily impacting less than 0.01 acres of a Palustrine Scrub Shrub (PSS) Wetland (Laurel Lake, PA, PA Quadrangle N 41° 53' 50.35" Latitude, W -75° 57' 30.28" Longitude);
- 28) A sixteen (16) inch natural gas gathering pipeline temporarily impacting less than 0.01 acres of a Palustrine Scrub Shrub (PSS) Wetland (Laurel Lake, PA, PA Quadrangle N 41° 53' 43.51" Latitude, W -75° 57' 35.57" Longitude);
- 29) A sixteen (16) inch natural gas gathering pipeline temporarily impacting less than 0.01 acres of a Palustrine Scrub Shrub (PSS) Wetland (Laurel Lake, PA, PA Quadrangle N 41° 53' 40.70" Latitude, W -75° 57' 40.61" Longitude);
- 30) A sixteen (16) inch natural gas gathering pipeline temporarily impacting less than 0.01 acres of a Palustrine Scrub Shrub (PSS) Wetland (Laurel Lake, PA, PA Quadrangle N 41° 53' 43.87" Latitude, W -75° 57' 55.55" Longitude);
- 31) A sixteen (16) inch natural gas gathering pipeline temporarily impacting less than 0.01 acres of a Palustrine Scrub Shrub (PSS) Wetland (Laurel Lake, PA, PA Quadrangle N 41° 53' 38.76" Latitude, W -75° 58' 13.62" Longitude);
- 32) A sixteen (16) inch natural gas gathering pipeline temporarily impacting 8.1 linear feet of an Intermittent UNT Middle Branch Wyalusing Creek (Chap. 93 CWF) (Laurel Lake, PA, PA Quadrangle N 41° 52' 52.68" Latitude, W -75° 59' 13.31" Longitude);
- 33) A sixteen (16) inch natural gas gathering pipeline temporarily impacting 23.3 linear feet of an UNT Middle Branch Wyalusing Creek (Chap. 93 CWF) (Laurel Lake, PA, PA Quadrangle N 41° 52' 53.08" Latitude, W -75° 59' 16.91" Longitude);
- 34) A sixteen (16) inch natural gas gathering pipeline temporarily impacting 18.6 linear feet of an UNT Middle Branch Wyalusing Creek (Chap. 93 CWF) (Laurel Lake, PA, PA Quadrangle N 41° 52' 27.84" Latitude, W -75° 59' 47.22" Longitude);
- 35) A sixteen (16) inch natural gas gathering pipeline temporarily impacting less than 0.01 acres of a Palustrine Forested (PFO) Wetland (Lawton, PA, PA Quadrangle N 41° 52' 16.28" Latitude, W -76° 0' 36.94" Longitude);
- 36) A sixteen (16) inch natural gas gathering pipeline temporarily impacting 22.2 linear feet of an UNT Middle Branch Wyalusing Creek (Chap. 93 CWF) (Lawton, PA, PA Quadrangle N 41° 52' 15.92" Latitude, W -76° 0' 40.25" Longitude);

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- 37) A sixteen (16) inch natural gas gathering pipeline temporarily impacting 12.1 linear feet of an UNT Middle Branch Wyalusing Creek (Chap. 93 CWF) (Lawton, PA, PA Quadrangle N 41° 52' 15.78" Latitude, W -76° 0' 41.54" Longitude);
- 38) A sixteen (16) inch natural gas gathering pipeline temporarily impacting 16.8 linear feet of Stone Street Creek (Chap. 93 CWF) (Lawton, PA, PA Quadrangle N 41° 51' 27.65" Latitude, W -76° 1' 50.81" Longitude);
- 39) A sixteen (16) inch natural gas gathering pipeline temporarily impacting 7.1 linear feet of an UNT Stone Street Creek (Chap. 93 CWF) (Lawton, PA, PA Quadrangle N 41° 51' 25.13" Latitude, W -76° 1' 58.19" Longitude);
- 40) A sixteen (16) inch natural gas gathering pipeline temporarily impacting 8.2 linear feet of an Intermittent UNT Middle Branch Wyalusing Creek (Chap. 93 CWF) (Lawton, PA, PA Quadrangle N 41° 51' 8.10" Latitude, W -76° 2' 21.08" Longitude);
- 41) A sixteen (16) inch natural gas gathering pipeline temporarily impacting less than 0.01 acres of a Palustrine Emergent (PEM) Wetland (Lawton, PA, PA Quadrangle N 41° 50' 34.55" Latitude, W -76° 2' 37.25" Longitude);
- 42) A sixteen (16) inch natural gas gathering pipeline temporarily impacting 18.2 linear feet of an UNT Middle Branch Wyalusing Creek (Chap. 93 CWF) (Lawton, PA, PA Quadrangle at N 41° 50' 28.36" Latitude, W -76° 2' 39.23" Longitude);
- 43) A sixteen (16) inch natural gas gathering pipeline temporarily impacting less than 0.01 acres of a Palustrine Emergent (PEM) Wetland (Lawton, PA, PA Quadrangle N 41° 50' 25.67" Latitude, W -76° 2' 44.63" Longitude);
- 44) A sixteen (16) inch natural gas gathering pipeline temporarily impacting less than 0.01 acres of a Palustrine Forested (PFO) Wetland (Lawton, PA, PA Quadrangle N 41° 50' 33.18" Latitude, W -76° 3' 7.67" Longitude);
- 45) A sixteen (16) inch natural gas gathering lateral pipeline temporarily impacting less than 0.01 acres of a Palustrine Scrub Shrub (PSS) Wetland (Montrose West, PA, PA Quadrangle N 41° 51' 19.51" Latitude, W -75° 56' 49.56" Longitude);
- 46) A sixteen (16) inch natural gas gathering lateral pipeline temporarily impacting 16.9 linear feet of an Intermittent UNT Forest Creek (Chap. 93 CWF) (Montrose West, PA, PA Quadrangle N 41° 50' 56.33" Latitude, W -75° 56' 44.74" Longitude);
- 47) A sixteen (16) inch natural gas gathering lateral pipeline temporarily impacting less than 0.01 acres of a Palustrine Emergent (PEM) Wetland (Montrose West, PA, PA Quadrangle N 41° 52' 12.79" Latitude, W -75° 56' 34.55" Longitude);
- 48) A sixteen (16) inch natural gas gathering lateral pipeline temporarily impacting less than 0.01 acres of a Palustrine Scrub Shrub (PSS) Wetland (Montrose West, PA, PA Quadrangle N 41° 51' 27.61" Latitude, W -75° 56' 48.91" Longitude);
- 49) A sixteen (16) inch natural gas gathering lateral pipeline temporarily impacting less than 0.01 acres of a Palustrine Scrub Shrub (PSS) Wetland (Montrose West, PA, PA Quadrangle N 41° 51' 26.82" Latitude, W -75° 56' 48.95" Longitude);
- 50) A sixteen (16) inch natural gas gathering lateral pipeline temporarily impacting 3.8 linear feet of an Intermittent UNT Forest Lake Creek (Chap. 93 CWF) (Montrose West, PA, PA Quadrangle N 41° 51' 25.81" Latitude, W -75° 56' 49.06" Longitude);
- 51) A sixteen (16) inch natural gas gathering lateral pipeline temporarily impacting 4.4 linear feet of an Intermittent UNT Forest Lake Creek (Chap. 93 CWF) (Montrose West, PA, PA Quadrangle N 41° 51' 25.16" Latitude, W -75° 56' 49.10" Longitude);

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- 52) A sixteen (16) inch natural gas gathering lateral pipeline temporarily impacting less than 0.01 acres of a Palustrine Emergent (PEM) Wetland (Laurel Lake, PA, PA Quadrangle N 41° 53' 8.27" Latitude, W -75° 56' 58.56" Longitude);
- 53) A sixteen (16) inch natural gas gathering lateral pipeline temporarily impacting less than 0.01 acres of a Palustrine Emergent (PEM) Wetland (Laurel Lake, PA, PA Quadrangle N 41° 53' 7.48" Latitude, W -75° 56' 57.88" Longitude);
- 54) A sixteen (16) inch natural gas gathering lateral pipeline temporarily impacting 6.8 linear feet of an Intermittent UNT Forest Lake Creek (Chap. 93 CWF) (Laurel Lake, PA, PA Quadrangle N 41° 53' 5.21" Latitude, W -75° 56' 56.94" Longitude);
- 55) A sixteen (16) inch natural gas gathering lateral pipeline temporarily impacting less than 0.01 acres of a Palustrine Scrub Shrub (PSS) Wetland (Montrose West, PA, PA Quadrangle N 41° 52' 20.53" Latitude, W -75° 56' 44.30" Longitude);
- 56) A sixteen (16) inch natural gas gathering lateral pipeline temporarily impacting less than 0.01 acres of a Palustrine Scrub Shrub (PSS) Wetland (Montrose West, PA, PA Quadrangle N 41° 52' 20.93" Latitude, W -75° 56' 45.82" Longitude);
- 57) A sixteen (16) inch natural gas gathering lateral pipeline temporarily impacting less than 0.01 acres of a Palustrine Scrub Shrub (PSS) Wetland (Montrose West, PA, PA Quadrangle N 41° 52' 19.52" Latitude, W -75° 56' 43.01" Longitude);
- 58) A sixteen (16) inch natural gas gathering lateral pipeline temporarily impacting less than 0.01 acres of a Palustrine Scrub Shrub (PSS) Wetland (Laurel Lake, PA, PA Quadrangle N 41° 53' 39.37" Latitude, W -75° 57' 24.23" Longitude);
- 59) A sixteen (16) inch natural gas gathering lateral pipeline temporarily impacting less than 0.01 acres of a Palustrine Forested (PFO) Wetland (Laurel Lake, PA, PA Quadrangle N 41° 52' 11.96" Latitude, W -75° 58' 1.42" Longitude);
- 60) A sixteen (16) inch natural gas gathering lateral pipeline temporarily impacting less than 0.01 acres of a Palustrine Emergent (PEM) Wetland (Laurel Lake, PA, PA Quadrangle N 41° 52' 46.60" Latitude, W -75° 58' 17.40" Longitude);
- 61) A sixteen (16) inch natural gas gathering lateral pipeline temporarily impacting less than 0.01 acres of a Palustrine Emergent (PEM) Wetland (Laurel Lake, PA, PA Quadrangle N 41° 52' 47.75" Latitude, W -75° 58' 16.82" Longitude);
- 62) A sixteen (16) inch natural gas gathering lateral pipeline temporarily impacting less than 0.01 acres of a Palustrine Emergent (PEM) Wetland (Laurel Lake, PA, PA Quadrangle N 41° 52' 54.34" Latitude, W -75° 58' 21.40" Longitude);
- 63) A sixteen (16) inch natural gas gathering lateral pipeline temporarily impacting 4.2 linear feet of an Intermittent UNT Middle Branch Wyalusing Creek (Chap. 93 CWF) (Laurel Lake, PA, PA Quadrangle N 41° 52' 55.24" Latitude, W -75° 58' 22.30" Longitude);
- 64) A sixteen (16) inch natural gas gathering lateral pipeline temporarily impacting 3.9 linear feet of an Intermittent UNT Middle Branch Wyalusing Creek (Chap. 93 CWF) (Laurel Lake, PA, PA Quadrangle N 41° 52' 58.84" Latitude, W -75° 58' 25.39" Longitude);
- 65) A sixteen (16) inch natural gas gathering lateral pipeline temporarily impacting 3.4 linear feet of North Branch Wyalusing Creek (Chap. 93 CWF) (Lawton, PA, PA Quadrangle N 41° 51' 11.27" Latitude, W -76° 4' 39.14" Longitude);
- 66) A sixteen (16) inch natural gas gathering lateral pipeline temporarily impacting less than 0.01 acres of a Palustrine Emergent (PEM) Wetland (Lawton, PA, PA Quadrangle N 41° 50' 37.54" Latitude, W -76° 3' 29.66" Longitude);

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- 67) A sixteen (16) inch natural gas gathering lateral pipeline temporarily impacting 4.4 linear feet of an Intermittent UNT Middle Branch Wyalusing Creek (Chap. 93 CWF) (Lawton, PA, PA Quadrangle N 41° 50' 36.60" Latitude, W -76° 3' 25.24" Longitude);
- 68) A sixteen (16) inch natural gas gathering lateral pipeline temporarily impacting less than 0.01 acres of a Palustrine Emergent (PEM) Wetland (Lawton, PA, PA Quadrangle N 41° 50' 36.56" Latitude, W -76° 3' 25.06" Longitude);
- 69) A bridge mat road crossing of an UNT Silver Creek (Chap. 93 CWF); temporarily impacting 13.5 linear feet (Franklin Forks, PA Topographic Quadrangle N 41° 55' 47.82" Latitude, W -75° 52' 9.70" Longitude);
- 70) A bridge mat road crossing of an UNT Silver Creek (Chap. 93 CWF); temporarily impacting 13.1 linear feet (Franklin Forks, PA Topographic Quadrangle at N 41° 55' 46.42" Latitude, W -75° 52' 11.03" Longitude);
- 71) A bridge mat road crossing of an UNT Silver Creek (Chap. 93 CWF); temporarily impacting 6.8 linear feet (Laurel Lake, PA Topographic Quadrangle N 41° 55' 13.91" Latitude, W -75° 53' 5.10" Longitude);
- 72) A bridge mat road crossing of an UNT Laurel Lake, PA Creek (Chap. 93 CWF); temporarily impacting 14.4 linear feet (Laurel Lake, PA Topographic Quadrangle N 41° 55' 14.59" Latitude, W -75° 53' 33.72" Longitude);
- 73) A bridge mat road crossing of an UNT Silver Creek (Chap. 93 CWF); temporarily impacting 6.3 linear feet (Laurel Lake, PA Topographic Quadrangle N 41° 55' 11.17" Latitude, W -75° 54' 11.16" Longitude);
- 74) A bridge mat road crossing of an Intermittent UNT Silver Creek (Chap. 93 CWF); temporarily impacting 4.8 linear feet (Laurel Lake, PA Topographic Quadrangle N 41° 55' 11.03" Latitude, W -75° 54' 13.28" Longitude);
- 75) A wetland mat road crossing of a Palustrine Emergent (PEM) Wetland; temporarily impacting 0.0099 acres (Laurel Lake, PA Topographic Quadrangle N 41° 54' 58.75" Latitude, W -75° 55' 12.65" Longitude);
- 76) A wetland mat road crossing of a Palustrine Emergent (PEM) Wetland; temporarily impacting 0.01 acres (Laurel Lake, PA Topographic Quadrangle N 41° 54' 57.60" Latitude, W -75° 55' 14.66" Longitude);
- 77) A wetland mat road crossing of a Palustrine Emergent (PEM) Wetland; temporarily impacting 0.02 acres (Laurel Lake, PA Topographic Quadrangle N 41° 54' 58.10" Latitude, W -75° 55' 15.78" Longitude);
- 78) A wetland mat road crossing of a Palustrine Emergent (PEM) Wetland; temporarily impacting 0.02 acres (Laurel Lake, PA Topographic Quadrangle N 41° 54' 57.06" Latitude, W -75° 55' 19.56" Longitude);
- 79) A bridge mat road crossing of an UNT Silver Creek (Chap. 93 CWF); temporarily impacting 15 linear feet (Laurel Lake, PA Topographic Quadrangle N 41° 54' 48.82" Latitude, W -75° 56' 9.71" Longitude);
- 80) A bridge mat road crossing of an Intermittent UNT Middle Branch Wyalusing Creek (Chap. 93 CWF); temporarily impacting 8.1 linear feet (Laurel Lake, PA Topographic Quadrangle N 41° 52' 52.68" Latitude, W -75° 59' 13.31" Longitude);
- 81) A bridge mat road crossing of an UNT Middle Branch Wyalusing Creek (Chap. 93 CWF); temporarily impacting 23.3 linear feet (Laurel Lake, PA Topographic Quadrangle N 41° 52' 53.08" Latitude, W -75° 59' 16.91" Longitude);

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- 82) A bridge mat road crossing of an UNT Middle Branch Wyalusing Creek (Chap. 93 CWF); temporarily impacting 18.6 linear feet (Laurel Lake, PA Topographic Quadrangle N 41° 52' 27.84" Latitude, W -75° 59' 47.22" Longitude);
- 83) A bridge mat road crossing of an UNT Stone Street Creek (Chap. 93 CWF); temporarily impacting 7.1 linear feet (Lawton, PA Topographic Quadrangle N 41° 51' 25.13" Latitude, W -76° 1' 58.19" Longitude);
- 84) A bridge mat road crossing of an Intermittent UNT Middle Branch Wyalusing Creek (Chap. 93 CWF); temporarily impacting 8.2 linear feet (Lawton, PA Topographic Quadrangle N 41° 51' 8.10" Latitude, W -76° 2' 21.08" Longitude);
- 85) A wetland mat road crossing of a Palustrine Scrub Shrub (PSS) Wetland; temporarily impacting less than 0.01 (Montrose West, PA Topographic Quadrangle N 41° 51' 19.51" Latitude, W -75° 56' 49.56" Longitude);
- 86) A bridge mat road crossing of an Intermittent UNT Forest Creek (Chap. 93 CWF); temporarily impacting 16.9 linear feet (Montrose West, PA Topographic Quadrangle N 41° 50' 56.33" Latitude, W -75° 56' 44.74" Longitude);
- 87) A wetland mat road crossing of a Palustrine Emergent (PEM) Wetland; temporarily impacting less than 0.01 acres (Montrose West, PA Topographic Quadrangle N 41° 52' 12.79" Latitude, W -75° 56' 34.55" Longitude);
- 88) A bridge mat road crossing of an Intermittent UNT Forest Lake Creek (Chap. 93 CWF); temporarily impacting 3.8 linear feet (Montrose West, PA Topographic Quadrangle N 41° 51' 25.81" Latitude, W -75° 56' 49.06" Longitude);
- 89) A wetland mat road crossing of a Palustrine Scrub Shrub (PSS) Wetland; temporarily impacting 0.01 acres (Laurel Lake, PA Topographic Quadrangle N 41° 53' 39.37" Latitude, W -75° 57' 24.23" Longitude);
- 90) A wetland mat road crossing of a Palustrine Emergent (PEM) Wetland; temporarily impacting 0.04 acres (Laurel Lake, PA Topographic Quadrangle N 41° 52' 54.34" Latitude, W -75° 58' 21.40" Longitude);
- 91) A bridge mat road crossing of an Intermittent UNT Middle Branch Wyalusing Creek (Chap. 93 CWF); temporarily impacting 3.9 linear feet (Laurel Lake, PA Topographic Quadrangle N 41° 52' 58.84" Latitude, W -75° 58' 25.39" Longitude);
- 92) A wetland mat road crossing of a Palustrine Emergent (PEM) Wetland; temporarily impacting less than 0.01 acres (Lawton, PA Topographic Quadrangle N 41° 50' 37.54" Latitude, W -76° 3' 29.66" Longitude);
- 93) A wetland mat road crossing of a Palustrine Emergent (PEM) Wetland; temporarily impacting less than 0.01 acres (Lawton, PA, PA Topographic Quadrangle N 41° 50' 36.56" Latitude, W -76° 3' 25.06" Longitude).

The project results in a 14.4 mile expansion of the Laser Northeast Gathering Susquehanna Pipeline, resulting in 350 feet of stream impacts and 8,056 square feet (0.19 acres) of temporary wetland impacts, all for the purpose of conveying natural gas from natural gas wells to the Millennium Transmission line located in Broome County, New York.

The issuance of this permit also constitutes approval of a Water Quality Certification under Section 401 of the Federal Water Pollution Control Act [33 U.S.C.A. 1341(a)].

This permit is issued in response to an application filed with DEP on the 4th day of January A.D. 2011, and with the understanding that the work shall be performed in accordance with the maps, plans, profiles and specifications filed with and made a part of the application on the 15th day of March A.D.

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2011 and on the 18th day of May A.D. 2011, subject, however, to the provisions of the Dam Safety and Encroachments Act, the Flood Plain Management Act, The Clean Streams Law, the Administrative Code, the rules and regulations promulgated thereunder and the following conditions and restrictions. If the work authorized by this permit is not completed on or before the 31st day of December A.D. 2014, this permit, if not previously revoked or specifically extended by DEP in writing, shall become void without further notification.

1. The permittee shall sign the permit thereby expressly certifying the permittee's acceptance of, and agreement to comply with, the terms and conditions of the permit. The permittee shall return a signed copy of the permit to DEP. The permit will not be effective until the signed copy of the permit is received by DEP;
2. DEP, in issuing this permit, has relied on the information and data which the permittee has provided in connection with his permit application. If, subsequent to the issuance of this permit, such information and data prove to be false, incomplete or inaccurate, this permit may be modified, suspended, or revoked, in whole or in part, and DEP may, in addition, institute appropriate legal proceedings;
3. This permit does not give any property rights, either in real estate or material, nor any exclusive privileges, nor shall it be construed to grant or confer any right, title, easement, or interest in, to, or over any land belonging to the Commonwealth of Pennsylvania "Commonwealth"; neither does it authorize any injury to private property or invasion of private rights, nor any infringement of federal, state, or local laws or regulations; nor does it obviate the necessity of obtaining federal assent when necessary;
4. The work shall at all times be subject to supervision and inspection by representatives of DEP, and no changes in the maps, plans, profiles, and specifications as approved shall be made except with the written consent of DEP. DEP, however, reserves the right to require such changes or modifications in the maps, plans, profiles, and specifications as may be considered necessary to assure compliance with the Dam Safety and Encroachments Act and other laws administered by DEP, the Pennsylvania Fish Commission and any river basin commission created by interstate compact. DEP further reserves the right to suspend or revoke this permit for failure to comply with a provision of 25 Pa. Code Chapter 105, an administrative order of DEP or a term or condition of this permit;
5. This permit authorizes the construction, operation, maintenance and normal repair of the permitted structures conducted within the original specifications for the water obstruction or encroachment, and in accordance with the regulations of DEP and terms and conditions of this permit. Any repairs or maintenance involving modifications of the water obstruction or encroachment from its original specifications, and any repairs or reconstruction involving a substantial portion of the structure as defined by regulations of DEP shall require the prior written approval and permit of DEP;
6. All construction debris, excavated material, brush, rocks, and refuse incidental to this work shall be removed entirely from the stream channel and placed either on shore above the influence of flood waters, or at such dumping ground as may be approved by DEP;

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7. There shall be no unreasonable interference with the free discharge of the river or stream or navigation during construction;
8. DEP reserves the right to take any and all actions regarding the permitted activity that are authorized by law to protect public health, public safety and the environment;
9. The permittee shall notify DEP, in writing, of the proposed time for commencement of work at least 15 days prior to the commencement of construction;
10. If construction work has not been completed within the time specified in the permit and the time limit specified in the permit has not been extended in writing by DEP or if a permit has been revoked for any reason, the permittee shall, at his own expense and in a manner that DEP may prescribe, remove all or any portion of the work as DEP requires and restore the water course and floodplain to their former condition;
11. The permittee shall fully inform the engineer or contractor, responsible for the supervision and conduct of work, of the terms, conditions, restrictions and covenants of this permit. Prior to the commencement of construction, the permittee shall file with DEP in writing, on a form provided by DEP, a statement signed by the permittee and an individual responsible for the supervision or conduct of the construction work acknowledging and accepting the general and special conditions contained in the permit. Unless the acknowledgment and acceptance have been filed, the permit is void. A copy of the permit and the acknowledgment shall be available at the work site for inspection upon request by an officer or agent of DEP or another federal, state, county or municipal agency;
12. The permittee shall operate and maintain the structure or work authorized herein in a safe condition in accordance with the permit terms and conditions and the approved maps, plans, profiles and specifications;
13. This permit may not be transferred without prior written approval from DEP, such approval being considered upon receipt of the properly executed "Application for Transfer of Permit" form;
14. If and when the permittee desires to discontinue use or abandon the activity authorized herein, he must remove all or part of the structure or work authorized and take other actions as are necessary to protect safety and the environment in accordance with a permit issued by DEP;
15. If the use of explosives in any waterways is required, the permittee shall secure the prior written permit from the Pennsylvania Fish and Boat Commission, pursuant to the Pennsylvania Fish and Boat Code, Act 1980-175 Title 30 Pennsylvania Consolidated Statutes, Section 2906. Requests should be directed to the Pennsylvania Fish and Boat Commission, Bureau of Administrative Services, PO Box 67000, Harrisburg, PA 17106; telephone 717-705-7900;
16. Permittee shall implement and monitor the Erosion and Sedimentation Control Plan prepared in accordance with Chapter 102 so as to minimize erosion and prevent excessive sedimentation into the receiving watercourse or body of water;

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17. The project site shall at all times be available for inspection by authorized officers and employees of the Pennsylvania Fish and Boat Commission. Prior to commencement and upon completion of the work authorized by this permit, the permittee shall notify the Pennsylvania Fish and Boat Commission's Northeast Regional Office, 5566 Main Road, Sweet Valley, PA 18656; telephone 570-477-5717.
18. The project site shall at all times be available for inspection by authorized officers and employees of the County Conservation District and PA Department of Environmental Protection. Prior to commencement and upon completion of the work authorized by this permit, the permittee shall notify the Department.

19. SPECIAL CONDITIONS.

- a. This permit is not to be considered an approval of the structural analysis, the engineering specifications or the construction methods utilized during construction of this project.
- b. Temporary stream crossing(s) shall be constructed of suitable non-erodible material in order to prevent any road materials from washing out if structure is overtopped during periods of high water.
- c. Water pumped from the construction area shall be diverted into a sediment trap or basin, or into an appropriate E&S BMP to prevent sediment from being discharged into any waters of the Commonwealth.
- d. Since Silver Creek, Laurel Lake Creek, and McCormick Run are wild trout streams, no work shall be done in the stream channel between October 1 and December 31 without the prior written approval of the Pennsylvania Fish and Boat Commission's Division of Environmental Services, 450 Robinson Lane, Bellefonte, PA 16823-9620; telephone 814-359-5147.
- e. Demolition or excavated materials shall not be deposited in any wetland, watercourse, floodway, floodplain or other body of water without applying for and receiving the written permit of DEP.
- f. All disturbed areas are to be restored to the original contours and shall be replanted with indigenous plant species. Any excess fill material must be removed from the wetland and not spread on-site.
- g. Temporary road crossings shall be kept open and functioning at all times by maintaining the crossings free of debris and other obstructions. The permittee shall be responsible for any damages resulting from increased backwater caused by the temporary road crossing. The permittee shall remove the temporary road crossing in the event of high waters to prevent the increased backwater.

- h. Stream crossings shall take place when the stream is at normal low flow.
- i. This permit is not to be considered an approval of the structural analysis, the engineering specifications or the construction methods utilized during construction of this project.
- j. The permittee and his agents will be watchful for archaeological artifacts and will assure that ground disturbance activities will cease immediately upon discovery of archaeological artifacts, and immediately notify the DEP Regional Office and the Pennsylvania Historical and Museum Commission at PO Box 1026, Harrisburg, PA 17120-1026, telephone 717-783-8947.
- k. Streambank disturbance shall be kept to a minimum and stabilized with indigenous vegetation within 4 days of final earthmoving activities to prevent erosion and provide cover, shading, and food source for aquatic life.
- l. Trench Plugs are to be installed at the edge of all wetlands and stream crossing boundaries.
- m. This permit does not authorize the removal of woody vegetation for the purpose of installation, operation, and maintenance of the pipeline in wetland and riparian areas that are authorized to be crossed through boring practices.

Permittee hereby accepts and agrees to comply with the terms and conditions of this permit.

Permittee (signature)

Date

DEPARTMENT OF ENVIRONMENTAL PROTECTION



Jennifer Means
Program Manager

June 2, 2011

Issue Date

The first part of the paper discusses the importance of the research and the objectives of the study. It then presents a literature review of the existing research on the topic. The methodology section describes the research design and the data collection process. The results section presents the findings of the study, and the conclusion section summarizes the main findings and provides recommendations for future research.

The research was conducted in a systematic and rigorous manner, following the principles of good research practice. The data were collected from a representative sample of the population, and the results were analyzed using appropriate statistical methods. The findings of the study are presented in a clear and concise manner, and the conclusions are based on the evidence presented.

The study has several strengths, including the use of a representative sample and the application of appropriate statistical methods. However, there are also some limitations to the study, such as the potential for bias in the sample and the limited scope of the research.

In conclusion, the study has provided valuable insights into the topic and has identified areas for further research. The findings of the study are presented in a clear and concise manner, and the conclusions are based on the evidence presented.



pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS MANAGEMENT PROGRAM

December 22, 2010

I.J. Berthelot II
Laser Northeast Gathering Company, LLC.
333 Clay, Suite 4500
Houston, TX 77002

Re: General Permit Acknowledgment
Susquehanna Pipeline North
DEP General Permit File No. 0558291013 & 0858291010
Franklin, Great Bend and Liberty Twps., Susquehanna County

Dear Mr. Berthelot:

This will acknowledge receipt of your notification to use and registers your use of General Permit No. 5 & 8 to install a natural gas gathering line. You are responsible for assuring the work is done in accordance with the drawings and conditions contained in the General Permit. You may proceed with your project after making the required notifications stipulated in the General Permit and securing all other approvals that may be necessary.

In addition to the conditions applicable to this General Permit, please be aware that Snake Creek has a protected water use for trout stocking. As such, this General Permit is not authorized between March 1 and June 15 unless approval is obtained from the Pennsylvania Fish and Boat Commission's Division of Environmental Services.

Enclosed is your Federal Clean Water Act Section 404 authorization in the form of the Pennsylvania State Programmatic General Permit (PASPGP-3).

Any person aggrieved by this action may appeal, pursuant to Section 4 of the Environmental Hearing Board Act, 35 P.S. Section 7514, and the Administrative Agency Law, 2 Pa. C.S. Chapter 5A, to the Environmental Hearing Board, Second Floor, Rachel Carson State Office Building, 400 Market Street, PO Box 8457, Harrisburg, PA 17105-8457, 717.787.3483. TDD users may contact the Board through the Pennsylvania Relay Service, 800.654.5984. Appeals must be filed with the Environmental Hearing Board within 30 days of receipt of written notice of this action unless the appropriate statute provides a different time period. Copies of the appeal form and the Board's rules of practice and procedure may be obtained from the Board. The appeal form and the Board's rules of practice and procedure are also available in braille or on audiotape from the Secretary to the Board at 717.787.3483. This paragraph does not, in and of itself, create any right of appeal beyond that permitted by applicable statutes and decisional law.

IF YOU WANT TO CHALLENGE THIS ACTION, YOUR APPEAL MUST REACH THE BOARD WITHIN 30 DAYS. YOU DO NOT NEED A LAWYER TO FILE AN APPEAL WITH THE BOARD.

IMPORTANT LEGAL RIGHTS ARE AT STAKE, HOWEVER, SO YOU SHOULD SHOW THIS DOCUMENT TO A LAWYER AT ONCE. IF YOU CANNOT AFFORD A LAWYER, YOU MAY QUALIFY FOR FREE PRO BONO REPRESENTATION. CALL THE SECRETARY TO THE BOARD (717.787.3483) FOR MORE INFORMATION.

If you have any questions, please call Stephen Barondeau at 570.327.0534.

Sincerely,



Stephen Barondeau
Water Pollution Biologist II
Bureau of Oil and Gas

Enclosure

cc: Pa. Fish & Boat Commission, NE Regional Office
U.S. Army Corps of Engineers, Baltimore District

bcc:
File
T



pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATERSHED MANAGEMENT
WATER OBSTRUCTION AND ENCROACHMENT

DEP USE ONLY

Acknowledged Date 12/23/10
GP 0558291033
GP 0858291027
GP _____
PASPGRP Authorization Included:
☒ YES ☐ NO

GENERAL PERMIT REGISTRATION

CHAPTER 105 GENERAL PERMITS

PLEASE CHECK ALL THAT APPLY:

- ☐ GP-1 – Fish Habitat Enhancement Structures
☐ GP-2 – Small Docks & Boat Launching Ramps
 Please check one of the boxes below if utilizing GP-2, (See Part 1, Section C):
☐ private recreational dock
☐ public access facility
☐ public service facility
☐ other private or commercial facility

- ☐ GP-3 – Bank Rehabilitation, Bank Protection & Gravel Bar Removal
☐ GP-4 – Intake and Outfall Structures
☒ GP-5 – Utility Line Stream Crossing
☐ GP-6 – Agricultural Crossings & Ramps
☐ GP-7 – Minor Road Crossings
☒ GP-8 – Temporary Road Crossings
☐ GP-9 – Agricultural Activities
☐ Activity Related to Oil and Gas Exploration and Production

SECTION A. APPLICANT INFORMATION

Check One: ☒ New Permit ☐ Transfer of Existing Permit – complete Sections A, C & E and transfer form - 3930-PM-WM0016

Applicant Name

Laser Northeast Gathering Company, LLC

Contact Person Last Name

First Name

MI

Telephone

Berthelot II

I.J. "Chip"

(713) 655-9500

Mailing Address

City

State

Zip + 4

333 Clay, Suite 4500

Houston

TX

77002+4000

Email Address cberthelot@lasermidstream.com or dharper@lasermidstream.com

SECTION B. CONSULTANT (if different than above)

☐ N/A

Consultant - Last Name

First Name

MI

Consulting Firm

Mailing Address

City

State

Zip + 4

Telephone

FAX

Email

()

()

SECTION C. PROJECT INFORMATION

Project Name: Susquehanna Pipeline North

Site Location

City

State

Zip + 4

Pipeline Corridor 9 miles (see map)

Montrose

PA

varies

Municipality

City

Borough

Township

County

Multiple (see "Detailed Directions" next)

☐☐☒

Susquehanna

How many acres of earth disturbance will occur as a result of this project?

☐ Less than one acre☐ 1-5 acres☒ 5 acres or more

RECEIVED

NOV 30 2010

OIL & GAS
STAMP

Detailed Written Directions to Project Site:

The project site represents a pipeline corridor starting at the northern PA state line, 3/4 mile east from I-81 (N41 59' 49", W75 44' 9") and traveling south westerly for approximately 9 miles to an endpoint 1.2 miles east/northeast of the intersection of Laurel Lake Road and Snake Creek Road (N41 56' 24", W75 51' 53"). There is a 10" lateral that runs south off the mainline, at Lat N41 57' 35", Long W75 48' 10". TOWNSHIPS CROSSED: Liberty, Great Bend, Franklin

Project Description (briefly describe your project):

The project contemplated herein involves clearing a right of way roughly 60 ft wide (40 ft permanent, +20 ft temporary), trenching a ditch roughly 4-1/2 ft deep (pipe 3 ft below surface), welding and laying a 16 inch steel natural gas pipeline 9 miles long that will gather natural gas produced in the Marcellus Shale, Susquehanna Co, PA. Similarly, there is a 10" lateral of that takes off of the mainline described above and runs southerly totalling an additional 4.2 miles. (More detailed description attached.)

SECTION D. COMPLIANCE REVIEW

Yes No

☐ ☒ Is the applicant (owner and/or operator) currently in violation of any permits issued by the Department?

If yes, please provide:

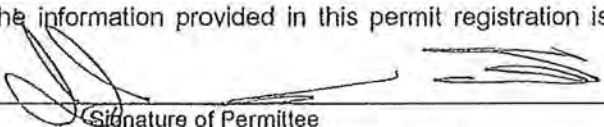
1. Permit Number: _____

2. Nature of the violation (if any): _____

3. Status of violation (i.e., schedule for compliance, etc.): _____

SECTION E. CERTIFICATION

I certify that the information provided in this permit registration is true and correct to the best of my knowledge and information.


 (Person Responsible for Installation, Operation
 and Maintenance of Authorized Activity)

November 29, 2010
 Date

I. J. BERTHELOT II
 Type or Print Name

PA Fish and Boat Commission Approval (for GP-1 only)

Signature

Date

**DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATERSHED MANAGEMENT
GENERAL PERMIT
BDWM-GP-5
UTILITY LINE STREAM CROSSINGS**

1. **GENERAL DESCRIPTION AND AUTHORITY** - The Department of Environmental Protection hereby authorizes, by general permit, subject to the terms and criteria set forth, the installation, operation and maintenance of utility line stream crossings of the regulated waters of the Commonwealth. This authorization is under Section 7 of the Dam Safety and Encroachments Act, 32 P.S. §§693.7, et seq., and the rules and regulations promulgated thereunder at §§105.441-105.449 (relating to general permits).

2. **DENIAL OF AUTHORIZATION** - The Department shall have the discretion, on a case-by-case basis, to deny, revoke or suspend the authorization to use this general permit for any project which the Department determines to have a substantial risk to life, property or the environment or otherwise could not be adequately regulated by the provisions of this general permit.

3. **DEFINITIONS** - The following terms as used in this general permit shall have the following meanings:

BODY OF WATER - Any natural or artificial lake, pond, reservoir, swamp, marsh or wetland.

FLOODWAY - The channel of the watercourse and those portions of the adjoining floodplains which are reasonably required to carry and discharge the 100-year frequency flood.

INSTALL - To construct, deposit, place, lay or set in place.

OWNER - Any person who owns, controls, operates, maintains, or manages a dam or reservoir, water obstruction, or encroachment.

PERSON - Any natural person, partnership, association, corporation, public utility, municipality, municipal authority, political subdivision of the Commonwealth, receiver or trustee and any department, board, commission, or authority of the Commonwealth.

REGULATED WATERS OF THE COMMONWEALTH - All watercourses, streams or bodies of water and their floodways wholly or partly within or forming part of the boundary of this Commonwealth.

RESERVOIR - Any basin, either natural or artificial, which contains or will contain the water or other fluid or semifluid impounded by a dam.

STOCKED TROUT STREAM - Streams classified as approved trout waters by the Fish and Boat Commission. Classification may be verified by contacting the Fish and Boat Commission's Regional Office or the Division of Environmental Services. See "Exhibit A".

SUBMERGED LANDS OF THIS COMMONWEALTH - All waters and permanently or periodically inundated lands owned by the Commonwealth, including all lands in the beds of navigable lakes and rivers and beds of streams declared public highways which are owned and held in trust by the Commonwealth.

UTILITY LINE - Any pipe or pipeline for the transportation of a gaseous, liquid, liquifiable or slurry substance or, any cable, conduit, line or wire for the transmission of electrical energy, telephone, telegraph, radio, or television signals, including cathodic corrosion protection.

WATERCOURSE - Any channel or conveyance of surface water having defined bed and banks, whether natural or artificial, with perennial or intermittent flow.

WETLANDS - Those areas that are inundated or saturated by surface or groundwater at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adopted for life in saturated soil conditions, including swamps, marshes, bogs and similar areas. The term includes but is not limited to wetland areas listed in the State Water Plan, the United States Forest Service Wetlands Inventory of Pennsylvania, the United States Fish and Wildlife Service Wetlands Inventory Maps, as utilized by the Pennsylvania Coastal Zone Management Program and any wetland area designated by a river basin commission.

WILD TROUT STREAMS - Streams classified as supporting reproducing trout populations by the Fish and Boat Commission. Classification may be verified by contacting the Fish and Boat Commission's Regional Office or the Division of Environmental Services. See "Exhibit A".

4. **SUBMERGED LANDS OF THIS COMMONWEALTH** - This General Permit shall not be effective to authorize any project over, across or occupying submerged lands of this Commonwealth until the owner has obtained a license from the Department authorizing the occupation of such submerged lands issued under Section 15 of the Dam Safety and Encroachments Act, (32 P.S. §693.15), Section 514 of The Administrative Code of 1929 (71 P.S. §194), or other applicable laws. Upon receipt of notification from the owner, the Department will review the project to determine if its location is over, across or occupies submerged lands of the Commonwealth.
5. **SPECIFIC AREAS WHERE GENERAL PERMIT DOES NOT APPLY** - This general permit is not authorized in the following areas:
 - a. Historic, cultural or archaeological sites as identified in the latest published version of the Pennsylvania Inventory of Historical Places or the National Register of Historical Places.
 - b. Local historical sites officially approved or recognized by a municipality.
 - c. Sites identified in the latest published version of the National Registry of Natural Landmarks.
 - d. Areas in or within 100 feet of a watercourse or body of water designated as or nominated for a National or State Wild or Scenic River in accordance with the National Wild and Scenic Rivers Act of 1968 or the Pennsylvania Scenic Rivers Act (32 P.S. §§820.21-820.29).
 - e. Important wetlands regulated under §105.17 (relating to special criteria for projects affecting important wetlands).
 - f. Wetlands, greater than ten (10) acres in size.
 - g. Stocked trout streams from March 1 through June 15, wild trout streams from October 1 through December 31 and Lake Erie tributaries from September 1 through December 1, unless approval is obtained from the Fish and Boat Commission's Division of Environmental Services.
 - h. Reservoirs.
 - i. Streams or water bodies designated as Exceptional Value Waters as defined and listed in Chapter 93 (relating to water quality standards).
6. **OTHER PERMITS** - Nothing in this General Permit relieves the owners of the obligation of complying with all Federal, Interstate Compact and State laws, regulations and standards for the construction, operation or maintenance of the utility lines.
7. **NOTIFICATION OF PROPOSED USE OF GENERAL PERMIT** - Prior to construction the owners shall submit the General Permit Registration form along with the required attachments to the delegated County Conservation District or to the appropriate DEP Regional Office's Permitting

and Technical Services Section (see attached listings). A copy of the General Permit Registration form shall also be sent to the municipality and county in which the work will be performed. **The owner may not begin work until he has notified the appropriate office and received an acknowledgement of that notification.**

8. **FEES** - There is no fee required for a project authorized under this general permit.
9. **EFFECTIVE TIME PERIOD** - This general permit will remain in effect indefinitely unless specifically modified, suspended or revised by the Department.
10. **SUSPENSION, MODIFICATION OR REVOCATION** - The Department may suspend, modify, or revoke this General Permit at any time upon notice in the Pennsylvania Bulletin.
11. **PROJECT INTERFERENCE** - This general permit does not authorize any interference with any existing or proposed Local, State, Federal or Federally Licensed Project, and permittee shall not be entitled to compensation for damage or injury to the work authorized herein which may be caused by or a result of existing or future operations undertaken by the United States, the Commonwealth of Pennsylvania or its Political Subdivisions in the public interest.
12. **CONDITIONS**
 - a. The maximum size utility line allowed is 36 inches in diameter.
 - b. All utility lines under streambeds shall be located such that there will be a minimum of three (3) feet of cover between the top of the utility line or encasement and the lowest point in the natural contour of the streambed, unless the utility line is in rock, where a minimum cover of one (1) foot shall be provided.
 - c. Trenches excavated for the installation of utility lines shall be the minimum width necessary. As soon as the utility line is installed and tested to ascertain no leakage, appropriate new or previously excavated backfill material shall be placed in the trench and the area restored to its original condition and elevation and stabilized. Backfill material stored in connection with the installation must be properly retained out of the floodway so as to prevent its discharge, washings or runoff from entering the waterway prior to its placement as backfill.
 - d. Adequate measures shall be used to prevent sedimentation from the trench from entering the stream.
 - e. The backfilling of the trench in which the pipe will be laid shall be done so as to eliminate the formation of a permanent ridge in the streambed.
 - f. During construction activities, all public and private property including existing vegetation, landscape features and monuments within, along and adjacent to the work area, shall be protected and preserved to the maximum degree possible. This shall include, but not be limited to, precautions taken to minimize damage, erosion, injury, or destruction; prevent pollution; provide protection of all trees and other woody plants; special care being taken to protect the natural vegetation and surroundings to include all natural drainageways, ponds, lakes, swamps, woods and fields; and storage of materials in such manner to prevent leaching which would be injurious to soils and to plants. Precautions should be taken to prevent damage to pipes, conduits and other underground structures.
 - g. Archaeological artifacts discovered during the performance of work authorized under this general permit must be adequately protected and their discovery promptly reported to the Bureau for Historic Preservation, Historical and Museum Commission, 400 North Street, Second Floor, Harrisburg, PA 17120-0093, telephone (717) 783-8946.
 - h. Owners shall investigate for drinking water intakes or reservoirs for public and private water supplies within five (5) miles downstream of the crossing and written notice shall

be given at least ten (10) days prior to construction to operators of any such intakes or reservoirs. Owners must notify public and private water supply operators immediately and no longer than one (1) hour after an occurrence at the crossing site which results in the release of suspended solids and turbidity to the stream.

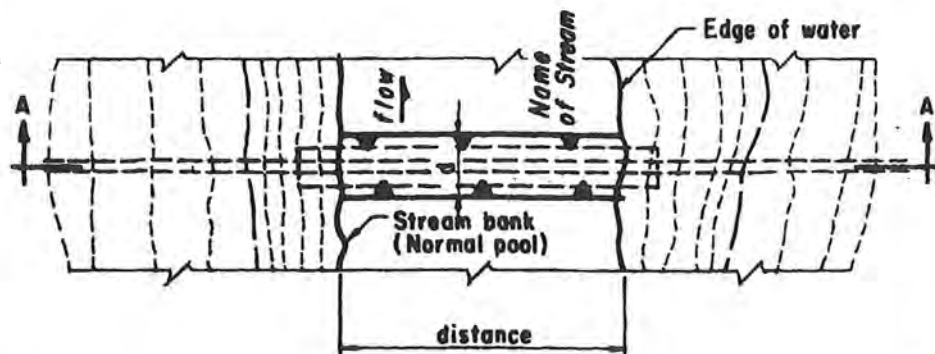
- i. Mats, pads, or other similar devices shall be used where crossings of wetland areas by construction equipment cannot be avoided. Original grades through wetlands must be restored after trenching and backfilling. Any excess fill material must be removed from the wetland and not spread on-site. Mounding of fill material to allow for settlement in the trench will be permitted in accordance with best construction methods.
 - j. Deposition of dredged or excavated materials and all earthwork operations will be carried out in such a way as to minimize erosion of the material and preclude its entering into any wetland adjacent to the utility line crossing.
 - k. Utility line crossings of streams should be accomplished so that the line is at a right angle to the stream where possible, unless the crossing is installed on an existing bridge.
 - l. Whenever possible, in accordance with best construction methods utility line crossings are to be made "in the dry" by installing sandbag and plastic dams and piping stream flow through the affected area.
 - m. Prior to the use of explosives in a watercourse or body of water the permittee shall secure a written permit from the Fish and Boat Commission, under the Pennsylvania Fish and Boat Code 30 Pa. C.S. §2906 (relating to permits for use of explosives). Requests should be directed to the Fish and Boat Commission, Division of Environmental Services (see "Exhibit A").
13. **POLLUTION INCIDENT PREVENTION AND MITIGATION** - For projects constructed under the authorization of this General Permit which transmit hazardous or toxic material, the owner shall take the following actions to prevent or alleviate the harm from pollution, under the requirement of Chapter 101 (relating to special water pollution regulations):
- a. Develop and implement a Preparedness, Prevention and Contingency (PPC) Plan in accordance with Departmental guidelines. The Department reserves the right to require the PPC Plan to be revised or amended for any deficiencies subsequently identified by the Department.
 - b. In the event a pollution incident occurs which causes or threatens to cause surface or groundwater pollution, the owner shall:
 - (1) promptly notify the Department by telephone of the location and nature of the danger,
 - (2) notify all known downstream users of the water,
 - (3) immediately take all necessary steps to prevent injury to property and downstream users, and protect waters from pollution or danger of pollution,
 - (4) remove any contamination from affected ground or surface water to the extent required by the Department.
14. **DEPARTMENT INSPECTION** - As a condition of use of this general permit, and of the owner's authority to conduct the activities authorized by this general permit, the owner hereby authorizes and consents to allow authorized employees or agents of the Department, without advance notice or a search warrant, at any reasonable time and upon presentation of appropriate credentials, and without delay, to have access to and to inspect all areas where the project is being constructed, operated or maintained. The authorization and consent shall include consent to conduct tests or sampling, to take photographs, to perform measurements, surveys and other

tests, to inspect the methods of construction, operation or maintenance, to examine and copy books, papers and records pertinent to any matter under investigation, and to take any other action necessary to assure that the project is constructed, operated or maintained in accordance with the terms and criteria of the general permit. This general permit condition is referenced in accordance with Section 16 of the Dam Safety and Encroachments Act, 32 P.S. §693.16, and in no way limits any other powers granted under the Dam Safety and Encroachments Act.

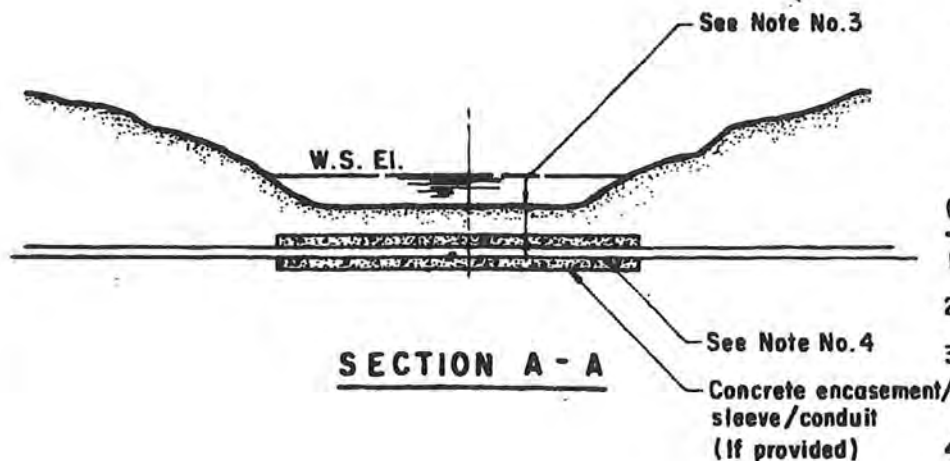
15. **ACTIVITIES NOT IN ACCORDANCE WITH THE TERMS OR CONDITIONS** - If the Department determines, upon inspection, that the construction, operation or maintenance of a project has violated the terms or conditions of this general permit or of Chapter 105, the Department may take such actions, legal or administrative, that it may deem to be appropriate.
16. **STRUCTURE REMOVAL** - The owner shall remove all or any portion of the utility line project upon written notification to the owner by the Department in the event the project is causing an adverse impact on public health, safety or the environment or in any other manner violates the conditions of this general permit or Chapter 105.
17. **PROPERTY RIGHTS** - This general permit does not convey any property rights, either in real estate or material, or any exclusive privileges; nor does it authorize any injury to property or invasion of rights or any infringement of Federal, State or local laws or regulations.
18. **OTHER APPROVALS** - The owner shall secure all other approvals that may be necessary under other Federal, State or local laws or regulations, including the specific permission of owners of bridges or other structures to which the utility line may be attached.
19. **FISH AND BOAT COMMISSION NOTIFICATION** - The owner shall notify the Pennsylvania Fish and Boat Commission's Regional Field Office Manager, see "Exhibit A", responsible for the County where the activities are proposed ten (10) days prior to start of construction. Notification by postcard is suggested. The project site shall at all times be available for inspection by authorized officers and employees of the Fish and Boat Commission.
20. **BEST MANAGEMENT PRACTICES** - Work must be done in compliance with Chapter 102 (relating to Erosion Control). Prior to construction an Erosion and Sediment Control Plan must be reviewed and determined adequate by the County Conservation District in which the activities are proposed and implemented prior to, during and after construction. The County Conservation District shall be notified ten (10) days prior to the start of construction. The project site shall at all times be available for inspection by authorized employees of the County Conservation District. The Erosion and Sediment Control Plan shall be available at the site.
21. **UTILIZATION OF GENERAL PERMIT BDWM-GP-8, TEMPORARY ROAD CROSSINGS** - Temporary road crossings of streams and causeways that are necessary for equipment to move back and forth across a stream and located adjacent to the utility line crossing are authorized by and must be constructed in accordance with BDWM-GP-8. The owner shall indicate utilization of BDWM-GP-8 on the General Permit Registration form. An owner constructing temporary road crossings in those areas excluded from the application of BDWM-GP-8 must apply for an individual water obstruction permit for those road crossings.

GENERAL PERMIT: UTILITY B.D.W.M. GP-5
DWG. NO. 1 LINE STREAM CROSSING
UNDER STREAM

GENERAL PERMIT: UTILITY B.D.W.M. GP-5
DWG. NO. 1 LINE STREAM CROSSING
UNDER STREAM

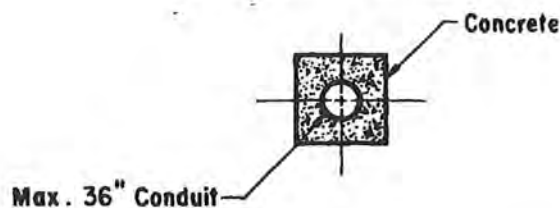


PLAN

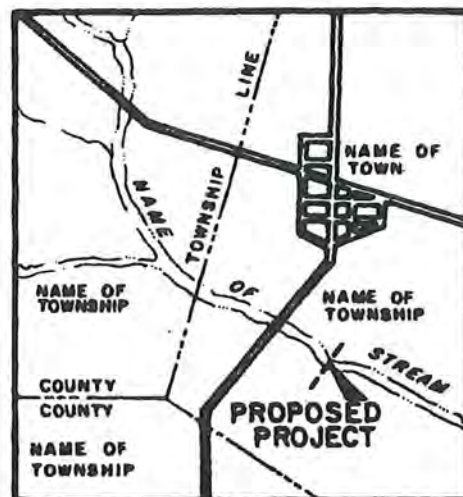


SECTION A - A

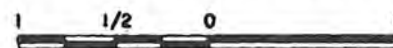
ENCASEMENT IN ACCORDANCE WITH
ENGINEERING STANDARD



CONCRETE ENCASEMENT CROSS SECTION



SAMPLE
LOCATION MAP



SCALE: 1 in. = mi.

NOTE: Use of U.S.G.S. quadrangle map(s) is recommended.

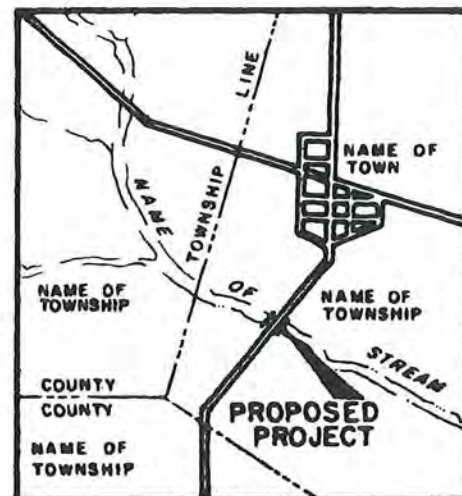
GENERAL NOTES:

1. Property lines or easements should be indicated on plans.
2. Plans shall show complete dimensions.
3. Minimum of 3' of cover over utility line or encasement, / sleeve / conduit except in rock where 1' of cover shall be provided.
4. Utility line shall be installed with sufficient horizontal length to allow for future channel expansion.
5. Manholes may not be constructed within the channel.
6. "d" denotes required Right of Way width.
7. Attach Location Map.

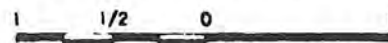
OWNER _____
NAME OF STREAM _____
MUNICIPALITY _____
COUNTY _____

**GENERAL PERMIT:
DWG. NO. 2**

B. D. W. M. GP-5
UTILITY LINE STREAM CROSSING
ATTACHED TO EXISTING BRIDGE



SAMPLE
LOCATION MAP

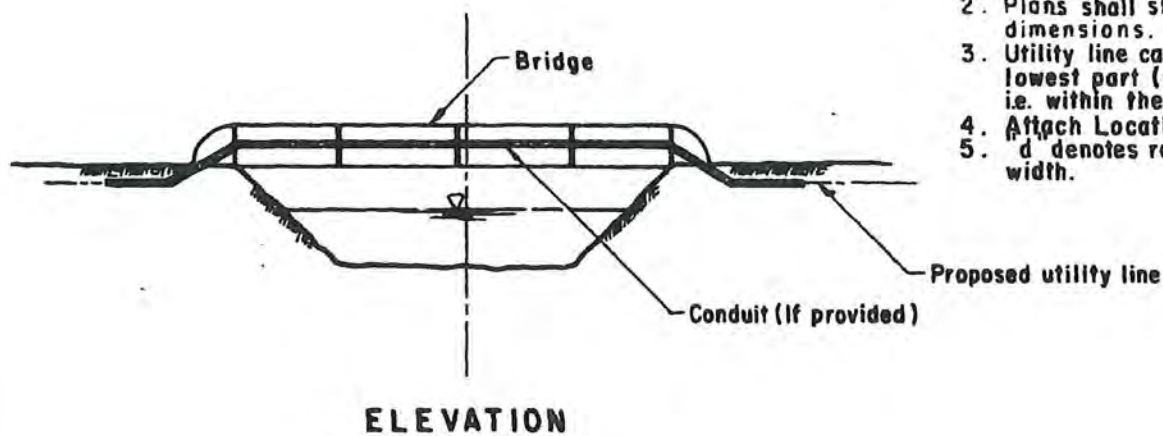


SCALE : 1 in. = ____ mi.

NOTE: Use of U.S.G.S. quadrangle map(s) is recommended.

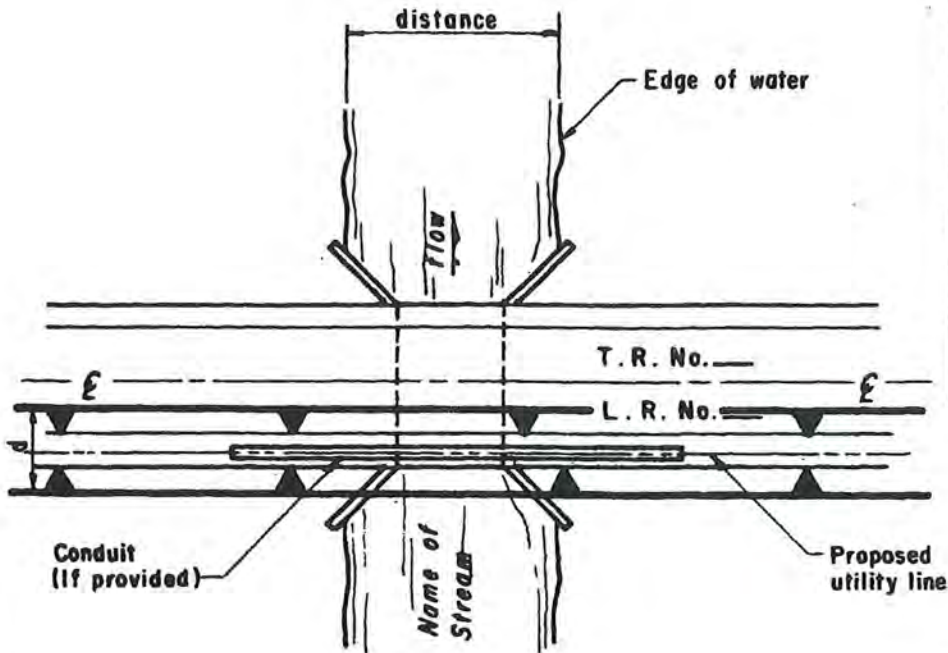
GENERAL NOTES:

1. Property lines or easements should be indicated on plans.
2. Plans shall show complete dimensions.
3. Utility line cannot be placed below the lowest part (structure) of bridge. i.e. within the waterway opening.
4. Attach Location Map.
5. "d" denotes required Right of Way width.

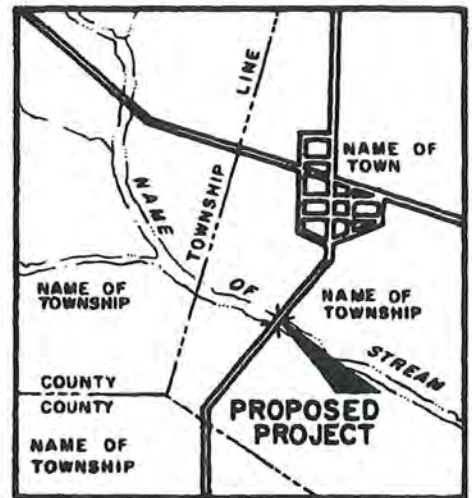


OWNER _____
NAME OF STREAM _____
MUNICIPALITY _____
COUNTY _____

GENERAL PERMIT: B.D.W.M. GP-5
DWG. NO. 3 UTILITY LINE STREAM CROSSING
UNDER OR OVER EXISTING PIPE OR CULVERT



PLAN



SAMPLE
LOCATION MAP

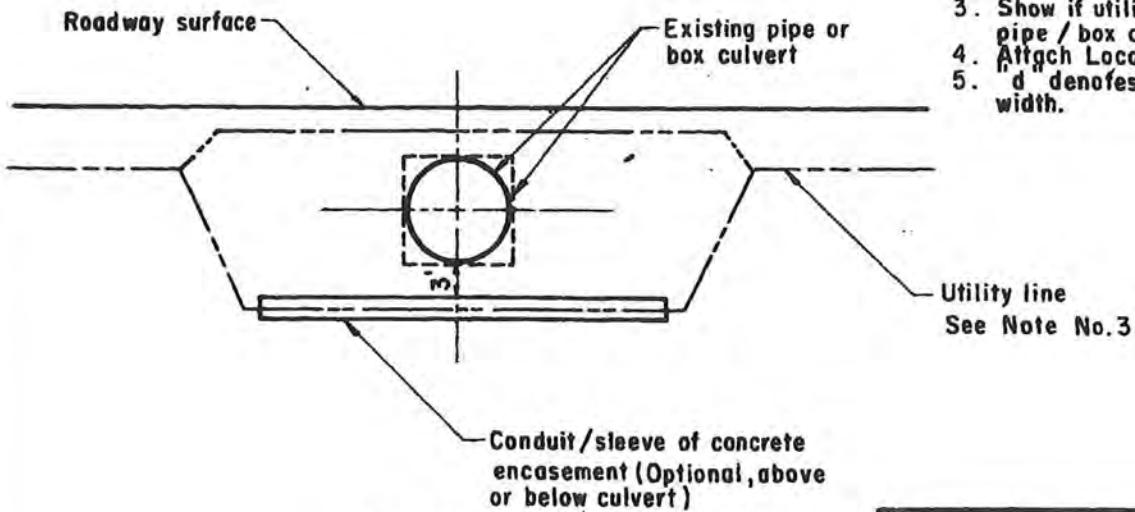


SCALE : 1 in. = mi.

NOTE: Use of U.S.G.S. quadrangle map(s) is recommended.

GENERAL NOTES:

1. Property lines or easements shall be indicated on plans.
2. Plans shall show complete dimensions.
3. Show if utility line is over or under pipe / box culvert.
4. Attach Location Map.
5. d denotes required Right of Way width.



ELEVATION

OWNER _____
NAME OF STREAM _____
MUNICIPALITY _____
COUNTY _____

EXHIBIT A

OFFICES OF THE PENNSYLVANIA FISH AND BOAT COMMISSION

Headquarters Address

Regional Manager
11528 Highway 98
Meadville, PA 16335-7320
814-337-0444

County Responsibility

NORTHWEST REGION

Butler, Clarion, Crawford, Erie,
Forest, Lawrence, Mercer, Venango
and Warren

SOUTHWEST REGION

Regional Manager
236 Lake Road
Somerset, PA 15501-1644
814-445-8974

Allegheny, Armstrong, Beaver,
Cambria, Fayette, Greene, Indiana,
Somerset, Washington and
Westmoreland

NORTHCENTRAL REGION

Regional Manager
P.O. Box 5306
Pleasant Gap, PA 16823
814-359-5250

Cameron, Centre, Clearfield,
Clinton, Elk, Jefferson, Lycoming,
McKean, Montour, Northumberland,
Potter, Snyder, Tioga and Union

SOUTHCENTRAL REGION

Regional Manager
1704 Pine Road
Newville, PA 17241
717-486-7087

Adams, Bedford, Blair, Cumberland,
Dauphin, Franklin, Fulton,
Huntingdon, Juniata, Lebanon,
Mifflin, Northumberland (Mahatango
Creek in Jordan and Lower Mahanoy
Townships only), Perry and York

SOUTHEAST REGION

Regional Manager
P.O. Box 9
Elm, PA 17521
717-626-0228

Berks, Bucks, Chester, Delaware,
Lancaster, Lehigh, Montgomery,
Northampton, Philadelphia and
Schuylkill

NORTHEAST REGION

Regional Manager
P.O. Box 88
Sweet Valley, PA 18656
570-477-5717

Bradford, Carbon, Columbia,
Lackawanna, Luzerne, Monroe,
Pike, Sullivan, Susquehanna,
Wayne and Wyoming

DIVISION OF ENVIRONMENTAL SERVICES

450 Robinson Lane, Bellefonte, PA 16823-9620
814-359-5147

DIVISION OF FISHERIES MANAGEMENT

450 Robinson Lane, Bellefonte PA 16823-9620
814-359-5110

EXHIBIT B
REGIONAL OFFICES OF THE DEPARTMENT OF ENVIRONMENTAL PROTECTION
AND
U.S. ARMY CORPS OF ENGINEERS DISTRICT OFFICES

Permitting and Technical Services SectionCounty Responsibility

Southcentral Regional Office
 909 Elmerton Avenue, Second Floor
 Harrisburg, PA 17110
 (717) 705-4707

Adams, Bedford, Berks, Blair, Cumberland,
 Dauphin, Franklin, Fulton, Huntingdon,
 Juniata, Lancaster, Lebanon, Mifflin, Perry
 and York

Southeast Regional Office
 2 East Main Street
 Norristown, PA 19401
 (484) 250-5970

Bucks, Chester, Delaware, Montgomery and
 Philadelphia

Southwest Regional Office
 400 Waterfront Drive
 Pittsburgh, PA 15222-4745
 (412) 442-4000

Allegheny, Armstrong, Beaver, Cambria,
 Fayette, Greene, Indiana, Somerset,
 Washington and Westmoreland

Northwest Regional Office
 230 Chestnut Street
 Meadville, PA 16335
 (814) 332-6984

Butler, Clarion, Crawford, Elk, Erie, Forest,
 Jefferson, Lawrence, McKean, Mercer,
 Venango and Warren

Northeast Regional Office
 2 Public Square
 Wilkes-Barre, PA 18711-0790
 (570) 826-2511

Carbon, Lackawanna, Lehigh, Luzerne,
 Monroe, Northampton, Pike, Schuylkill,
 Susquehanna, Wayne and Wyoming

Northcentral Regional Office
 208 W. Third Street, Suite 101
 Williamsport, PA 17701
 (570) 327-3574

Bradford, Cameron, Centre, Clearfield,
 Clinton, Columbia, Lycoming, Montour,
 Northumberland, Potter, Snyder, Sullivan,
 Tioga and Union

Note: Registration for the use of General Permits (except General Permit 11 Registrations which must be sent to the Permitting and Technical Services Section) must be sent to the County Conservation District in those counties where the District has a delegation agreement with the Department of Environmental Protection.

U.S. ARMY CORPS OF ENGINEERS DISTRICT OFFICES		
Delaware River Basin	Ohio River Basin Portions of Lake Erie and Genesee River Basins Located in PA	Susquehanna River Basin
Philadelphia District Corps of Engineers Wanamaker Building 100 Penn Square East Philadelphia, PA 19107 Phone: 215-656-6725 Phone: 215-656-6729 (to report violations) Fax: 215-656-6724	Pittsburgh District Corps of Engineers Regulatory Branch 1000 Liberty Avenue Pittsburgh, PA 15222 Phone: 412-395-7152 Fax: 412-644-4211	Baltimore District Corps of Engineers P.O. Box 1715 Baltimore, MD 21203-1715 Phone: 814-235-0570 Fax: 814-235-0576

EXHIBIT C
COUNTY CONSERVATION DISTRICTS

- Adams County
670 Old Harrisburg Road, Ste. 201
Gettysburg, PA 17325
717-334-0636
- Allegheny County
Lexington Technology Park
Bldg. 1, Suite 102
400 N. Lexington St.
Pittsburgh, PA 15208
412-241-7645
- Armstrong Co.
Armsdale Admin. Bldg.
124 Armsdale Rd., Suite B-2
Kittanning, PA 16201
724-548-3425
- Beaver County
156 Cowpath Rd.
Aliquippa, PA 15001
724-378-1701
- Bedford County
702 W. Pitt Street, Suite 4
Bedford, PA 15522
814-623-7900 Ext. 4
- Berks County
◆ 1238 County Welfare Rd.
Suite 200
Leesport, PA 19533
610-372-4657
- Blair County
1407 Blair Street
Hollidaysburg, PA 16648
814-696-0877 Ext. 5
- Bradford County
◆ Stoll Natural Resource Ctr.
RR 5, Box 5030C
Towanda, PA 18848
570-265-5539 Ext. 6
- Bucks County
1456 Ferry Rd. Ste. 704
Doylestown, PA 18901
215-345-7577
- Butler County
◆ 122 McCune Drive
Butler, PA 16001
724-284-5270
- Cambria County
◆ 401 Candlelight Dr., Ste. 221
Ebensburg, PA 15931
814-472-2120
- Cameron County
◆ 20 E. Fifth St., Room 105
Emporium, PA 15834
814-486-9353
- Carbon County
5664 Interchange Rd.
Lehighton, PA 18235
610-377-4894 Ext. 4
- Centre County
◆ 414 Holmes Ave., Ste. 4
Bellefonte, PA 16823
814-355-6817
- Chester County
Willowdale Town Center
688 Unionville Rd., Ste. 200
Kennett Square, PA 19348
610-925-4920
- Delegated Programs**
◆ **Chapter 105**
* **GP6 and GP9 only**
• **NPDES and E&S Permits**
- Clarion County
265 Holiday Inn Rd., Ste. 2
Clarion, PA 16214
814-226-4070 Ext. 113
- Clearfield County
650 Leonard Street
Clearfield, PA 16830
814-765-2629
- Clinton County
◆ 45 Cooperation Lane
Mill Hall, PA 17751
570-726-3798
- Columbia County
◆ 702 Sawmill Rd., Suite 204
Bloomsburg, PA 17815
570-784-1310 Ext. 5
- Crawford County
◆ 21742 German Rd.
Meadville, PA 16335
814-763-5269
- Cumberland County
310 Allen Rd., Suite 301
Carlisle, PA 17013
717-240-7812
- Dauphin County
1451 Peters Mountain Road
Dauphin, PA 17018
717-921-8100
- Delaware County
◆ Rose Tree Park Hunt Club
1521 N. Providence Rd.
Media, PA 19063
610-892-9484
- Elk County
◆ Courthouse Annex
300 Center St.
P.O. Box 448
Ridgway, PA 15853
814-776-5373
- Erie County
◆ 1927 Wager Road
Erie, PA 16509
814-825-6403
- Fayette County
10 Nickman Plaza
Lemont Furnace, PA 15456
724-438-4497
- Forest County
526 Elm St., Box 4
Tionesta, PA 16353
814-755-3560
- Franklin County
185 Franklin Farm Lane
Chambersburg, PA 17202
717-264-5499
- Fulton County
216 North Second Street, Ste. 15
McConnellsburg, PA 17233-1170
717-485-3547
- Greene County
◆ Fort Jackson Building, Mezzanine
19 S Washington St.
Waynesburg, PA 15370-1839
724-852-5278
- Huntingdon County
◆ 10605 Raystown Road, Suite A
Huntingdon, PA 16652
814-627-1627
- Indiana County
◆ USDA Service Ctr.
1432 Rt. 286, Hwy. E
Indiana, PA 15701-1467
724-463-8547 Ext. 4
- Jefferson County
◆ 1514 Route 28
Brookville, PA 15825
814-849-7463
- Juniata County
RR 5, Box 35, Stoney Creek Dr.
Mifflintown, PA 17059
717-436-8953 Ext. 5
- Lackawanna County
1300 Old Plank Rd.
Mayfield, PA 18433
570-281-9495
- Lancaster County
◆ 1383 Arcadia Road, Room 200
Lancaster, PA 17601-3149
717-299-5361
- Lawrence County
430 Court St.
New Castle, PA 16101
724-652-4512
- Lebanon County
2120 Cornwall Rd., Ste. 5
Lebanon, PA 17042-9788
717-272-3908 Ext. 4
- Lehigh County
Lehigh Ag. Ctr, Ste 102
4184 Dorney Park Rd.
Allentown, PA 18104
610-391-9583
- Luzerne County
485 Smiths Pond Rd.
Shavertown, PA 18708
570-674-7991
- Lycoming County
542 County Farm Rd., Ste. 202
Montoursville, PA 17754
570-433-3003
- McKean County
◆ 17137 Route 6
Smethport, PA 16749
814-887-4001
- Mercer County
◆ 747 Greenville Rd.
Mercer, PA 16137-5023
724-662-2242
- Mifflin County
20 Windmill Hill Ste. 4
Burnham, PA 17009
717-248-4695
- Monroe County
◆ 8050 Running Valley Road
Stroudsburg, PA 18360
570-629-3060
- Montgomery County
143 Level Road
Collegeville, PA 19426-3313
610-489-4506
- ◆ Montour County
• 112 Woodbine Lane, Ste. 2
Danville, PA 17821
570-271-1140
- Northampton County
Greystone Bldg.
Gracedale Complex
Nazareth, PA 18064
610-746-1971
- Northumberland County
441 Plum Creek Rd.
Sunbury, PA 17801
570-286-7114 Ext. 4
- Perry County
31 W. Main Street,
P.O. Box 36
New Bloomfield, PA 17068
717-582-8988 Ext. 4
- Pike County
◆ 556 Route 402, Suite 1
Hawley, PA 18428
570-226-8220
- Potter County
◆ 107 Market Street
Coudersport, PA 16915
814-274-8411
- Schuylkill County
1206 AG Center Dr.
Pottsville, PA 17901
570-622-3742 Ext. 5
- Snyder County
◆ 10541 Route 522
Middleburg, PA 17842
570-837-3000
- Somerset County
6024 Glades Pike, Suite 103
Somerset, PA 15501
814-445-4652 Ext. 5
- Sullivan County
◆ RR 2, Box 2022B
Dushore, PA 18614
570-928-7057
- Susquehanna County
◆ 31 Public Avenue
Montrose, PA 18801
570-278-4600 Ext. 280
- Tioga County
◆ 50 Plaza Lane
Wellsboro, PA 16901
570-724-1801 Ext. 5
- Union County
◆ 155 N. 15th St.
Lewisburg, PA 17837
570-524-3860
- Venango County
1793 Cherrytree Rd.
Franklin, PA 16323
814-676-2832
- Warren County
◆ 609 Rouse Ave., Ste. 203
Youngsville, PA 16371
814-563-3117
- Washington County
◆ 100 W. Beau St., Ste. 105
Washington, PA 15301
724-228-6774
- Wayne County
◆ 648 Park St.
Honesdale, PA 18431
570-253-0930
- Westmoreland County
◆ 218 Donohoe Road
Greensburg, PA 15601
724-837-5271
- Wyoming County
1 Hollowcrest Complex
Tunkhannock, PA 18657
570-836-2589 Ext. 3
- York County
118 Pleasant Acres Rd.
York, PA 17402
717-840-7430



pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATERSHED MANAGEMENT
WATER OBSTRUCTION AND ENCROACHMENT

Bog Turtle Habitat Screening

U.S. Army Corps of Engineers/Department of Environmental Protection State Programmatic General Permit/Water Obstruction and Encroachment General Permit

Federal/State Screening Process for Bog Turtles (*Glyptemys muhlenbergii*) and/or their habitat in Adams, Berks, Bucks, Carbon (Aquashicola Creek Watershed only), Chester, Cumberland, Delaware, Lancaster, Lebanon, Lehigh, Monroe, Montgomery, Northampton, Schuylkill (Swatara Creek Watershed only), and York Counties.

In 1974 the Pennsylvania Fish and Boat Commission, under Section 2305 of the Fish and Boat Code, listed the bog turtle as an endangered species, and in 1997 the U.S. Fish and Wildlife Service, under the Endangered Species Act of 1973, listed the bog turtle as a threatened species. Poaching and loss of habitat are two primary reasons for the decline in turtle populations throughout the Mid-Atlantic Region.

The 4-inch bog turtle's preferred wetland habitat is spring seeps and open marshy meadows in the valleys of southcentral and eastern Pennsylvania. Here the water is slow moving and the earth is mucky. Mucky soils provide cover for the turtles in spring and summer. October through April, the turtles use the same mucky soils as a place to hibernate. Plants common to these wetland areas include cattails, rushes, jewelweed, skunk cabbage, sedges, and sphagnum moss.

In order to provide continued protection for the turtle and to minimize conflicts during project development and permitting, the U.S. Army Corps of Engineers, U.S. Fish and Wildlife Service and PA Department of Environmental Protection have developed a screening process to identify potential bog turtle habitat. Representatives of these agencies will provide on-site technical assistance to determine if proposed projects may impact wetlands which serve as bog turtle habitat.

This special screening process is only required for those activities which will impact wetlands in the counties or watersheds listed above. If your proposed activity does not impact wetlands in these counties, you may proceed with the registration of the general permit without this screening process.

INSTRUCTIONS

If your proposed project includes a **wetland impact** in one of the fifteen counties listed above, follow the steps below prior to submitting the General Permit Registration form.

1. Using the primary contact list on the next page, identify the primary contact for your county where the wetland impact will take place.
2. Complete the attached form to provide driving directions, a project description, and a sketch or a plan detailing the proposed project. In addition, include a copy of a USGS quadrangle showing your project location, the agencies will be able to conduct a threatened and endangered species review for your project prior to the site visit which may also expedite your permit registration process. Submit this information by fax or mail to the primary contact to request a field view to screen for potential bog turtle habitat.
3. The agency representative will contact you to schedule an on-site assessment of the wetlands for bog turtle habitat. They will complete the bog turtle habitat screening form, sign it, and explain the results to you. You do not have to be present during the field view.
4. If it is determined that the project area (which includes the direct and indirect impact area) does not contain potential bog turtle habitat, submit the completed bog turtle habitat screening form provided to you along with the remainder of the information required by the general permit registration package, including the General Permit Registration form, to the appropriate Regional Office or Delegated County Conservation District for processing.

5. If it is determined that the project area (which includes the direct and indirect impact area) is potential bog turtle habitat, the agency representative will discuss your options with you. These may include moving the project to an alternate location, contacting a professional bog turtle surveyor, or consulting with the U.S. Fish and Wildlife Service. Neither a state general permit nor a federal State Programmatic General Permit can be registered without the U.S. Fish and Wildlife Service clearing the potential bog turtle conflict.
6. If you cannot avoid the impacts to bog turtle habitat, an Individual Chapter 105 and Section 404 Permit Application will be required for processing, public notice, and review. An application does not guarantee permit approval.
7. If you have any questions specific to this process, please contact the appropriate agency representative for your county.

PRIMARY CONTACT LIST BY COUNTY

Adams, Cumberland Counties

Debby Nizer
U. S. Army Corps of Engineers
Baltimore Dist., Regulatory Branch, PA Section
P. O. Box 1715
Baltimore, MD 21203-1715
Phone: 410-962-6085
Fax: 410-962-6024

Berks (Philadelphia District), Bucks, Chester (Philadelphia District), Delaware, Montgomery Counties

Bill Jenkins, Chief, Applications Section
U. S. Army Corps of Engineers
Philadelphia Dist., Regulatory Branch
Wanamaker Building
100 Penn Square East
Philadelphia, PA 19107-3390
Phone: 215-656-6726
Fax: 215-656-6724

Carbon (Aquashicola Creek Watershed only), Lehigh, Northampton, Schuylkill (Swatara Creek Watershed only) Counties

Bonnie Dershem
U.S. Fish and Wildlife Service
315 South Allen St., Suite 322
State College, PA 16801
Phone: 814-234-4090, ext. 234
Fax: 814-234-0748

Berks (Baltimore District), York Counties

Mike Danko
U. S. Army Corps of Engineers
Carlisle Regulatory Field Office
401 Louther Street, Suite 205
Carlisle, PA 17013
Phone: 717-249-8730
Fax: 717-240-0523

Chester (Baltimore District), Lancaster, Lebanon Counties

Pat Strong
U. S. Army Corps of Engineers
Baltimore Dist., Regulatory Branch, PA Section
P. O. Box 1715
Baltimore, MD 21203-1715
Phone: 410-962-1847
Fax: 410-962-6024

Monroe County

Victor Motts
Monroe County Conservation District
8050 Running Valley Road
Stroudsburg, PA 18360-8841
Phone: 570-629-3060
Fax: 570-629-3063

If you have more general questions or need information on permitting, please contact the appropriate DEP Regional Office listed below.

DEP
Northeast Regional Office
2 Public Square
Wilkes-Barre, PA 18711-0790
570-826-2511

Carbon (Aquashicola Creek Watershed only), Lehigh, Monroe, and Northampton, and Schuylkill (Swatara Creek Watershed only) Counties

DEP
Southcentral Regional Office
909 Elmerton Avenue
Harrisburg, PA 17110
717-705-4707

Adams, Berks, Cumberland, Lancaster, Lebanon, and York Counties

DEP
Southeast Regional Office
2 East Main Street
Norristown, PA 19401
484-250-5940

Bucks, Chester, Delaware, and Montgomery Counties

SPECIAL BOG TURTLE HABITAT SCREENING

U. S. ARMY CORPS OF ENGINEERS/DEPARTMENT OF ENVIRONMENTAL PROTECTION STATE PROGRAMMATIC GENERAL PERMIT/WATER OBSTRUCTION AND ENCROACHMENT GENERAL PERMIT

APPLICANT INFORMATION

Applicant Name _____

Mailing Address _____ Telephone () _____

City _____ State _____ ZIP+4 _____

Email Address _____

PROJECT DESCRIPTION

Project Name _____

County _____ Municipality _____

Latitude _____ Longitude _____

Which general permit(s) are you planning to register? GP-5 ☐ GP-6 ☐ GP-7 ☐ GP-8 ☐ GP-9 ☐ GP-11 ☐

Detailed Written Directions to Project _____

Briefly Describe Your Project _____

SIGNATURE

I hereby grant permission for representatives of the U. S. Army Corps of Engineers or other authorized screening representative to inspect the project site as necessary in order to perform the requested habitat determination.

Signature

Date

On the reverse side of this page, prepare a sketch showing your project, the wetlands, and all proposed impacts.

Applicant Name

BOG TURTLE HABITAT - SKETCH PLAN

To ensure the sketch plan is complete, include the following on the site plan in the immediate vicinity of the project.
(✓ all that apply)

YES	N/A		YES	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	Stream Impacts with Dimensions	<input type="checkbox"/>	<input type="checkbox"/>	Stream Name _____
		Total Length _____	<input type="checkbox"/>	<input type="checkbox"/>	Chapter 93 Stream Designation _____
		Total sq. ft. _____	<input type="checkbox"/>	<input type="checkbox"/>	Location of Property Lines Relative to the Project
<input type="checkbox"/>	<input type="checkbox"/>	Wetland Impacts	<input type="checkbox"/>	<input type="checkbox"/>	Existing Utilities
		Total _____ sq. ft.	<input type="checkbox"/>	<input type="checkbox"/>	Proposed Utilities
<input type="checkbox"/>	<input type="checkbox"/>	Wetland Acreage Onsite _____	<input type="checkbox"/>	<input type="checkbox"/>	Existing Buildings, Roadways, Other Structures
<input type="checkbox"/>	<input type="checkbox"/>	Stream Limits and Flow Direction	<input type="checkbox"/>	<input type="checkbox"/>	Proposed Buildings, Roadways, Other Structures
<input type="checkbox"/>	<input type="checkbox"/>	Floodway Limits (if known)	<input type="checkbox"/>	<input type="checkbox"/>	Other Waters (i.e. pond, lakes)
<input type="checkbox"/>	<input type="checkbox"/>	Limits of Earth Disturbance			
		Associated with this Activity			

Scale 1" = _____ ft.



pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATERSHED MANAGEMENT
WATER OBSTRUCTION AND ENCROACHMENT

PROJECT SCREENING FORM

The following questionnaire must be completed to determine eligibility for Federal authorization under the Pennsylvania State Programmatic General Permit 3 (PASPGP-3) process. The term "Project", for the purpose of this form, is defined as the total project proposed or accomplished by one owner/developer, partnership or association of owners/developers. All of the individual components of the project should be considered collectively as one project when completing this form. For linear projects, all impacts to waters and wetlands should be added together and collectively viewed as impacts associated with the "Project". The term "Subdivision", for the purpose of this form, is defined as the division or re-division of a lot, tract or parcel of land into two or more lots, tracts, parcels or other divisions of land including changes in existing lot lines.

Applicant/Project Name: _____

YES **NO**

- | | | |
|--------------------------|--------------------------|---|
| <input type="checkbox"/> | <input type="checkbox"/> | 1. Does this project involve the temporary and/or permanent discharge of dredged and/or fill material, or the excavation of greater than one acre of waters and/or wetlands? Included in this calculation are the areas directly and indirectly affected by the work, including the area of waters and/or wetlands filled, drained and/or flooded as a result of the project. |
| <input type="checkbox"/> | <input type="checkbox"/> | 2. Does your project involve impacts to greater than 250 linear feet of stream channel? The linear footage of stream impact shall be measured along the centerline of the watercourse when both streambanks of the watercourse are involved or along a single streambank when one streambank is involved, or measured across the watercourse, from top of bank to top of bank, when the project extends transversely across the watercourse. |
| <input type="checkbox"/> | <input type="checkbox"/> | 3. If you are applying for a DEP General Permit, does your project, including the acreage of any previously authorized activities, involve the permanent loss of 0.25 acres or more of wetlands? (If not applying for a General Permit, check NO). |
| <input type="checkbox"/> | <input type="checkbox"/> | 4. Has any work associated with your project been previously authorized by the United States Army Corps of Engineers (Corps) or DEP?
If you check YES, please check the appropriate box(es) and include the authorization or permit number(s) and the date of issuance(s) with your application/registration form(s).
<input type="checkbox"/> Corps Nationwide Permit _____
<input type="checkbox"/> Corps Individual Permit _____
<input type="checkbox"/> Corps Pennsylvania State Programmatic General Permit _____
<input type="checkbox"/> DEP General Permit _____
<input type="checkbox"/> DEP Small Projects Permit _____
<input type="checkbox"/> DEP Individual Permit _____
<input type="checkbox"/> DEP Dam Permit _____
<input type="checkbox"/> DEP Waiver of Permit Requirements _____ |
| <input type="checkbox"/> | <input type="checkbox"/> | 5. Does your project involve the construction or expansion of a residential, commercial or institutional subdivision or development? If you check YES, answer question 6. |
| <input type="checkbox"/> | <input type="checkbox"/> | 6. Does greater than 0.25 acres of wetlands, not including those being directly impacted as part of this application, exist within the property boundary? If you check YES, provide acreage (_____ acres of wetlands) and answer question 7. |
| <input type="checkbox"/> | <input type="checkbox"/> | 7. Are you proposing to protect the wetland area(s) from secondary or indirect impacts, including but not limited to filling, draining, mowing, cutting or clearing through a deed restriction or conservation easement that follows the Model Conservation Instruments developed for the PASPGP-3. This model Conservation Instrument should be duly recorded and run in perpetuity with the land. If you check YES, attach a copy of the proposed deed restriction or conservation easement to this form and submit with your application/registration form. Model Deed Restriction and Conservation Easement templates are available at www.nab.usace.army.mil/Deed_Restriction/ . |



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATERSHED MANAGEMENT
WATER OBSTRUCTION AND ENCROACHMENT

GENERAL PERMIT REGISTRATION

DEP USE ONLY

Acknowledged Date _____

GP _____

GP _____

GP _____

PASPGP-3 Authorization included:

☐ YES ☐ NO

CHAPTER 105 GENERAL PERMITS

PLEASE CHECK ALL THAT APPLY:

- ☐ GP-1 – Fish Habitat Enhancement Structures
☐ GP-2 – Small Docks & Boat Launching Ramps
 Please check one of the boxes below if utilizing GP-2, (See Part 1, Section C):
☐ private recreational dock
☐ public access facility
☐ public service facility
☐ other private or commercial facility

- ☐ GP-3 – Bank Rehabilitation, Bank Protection & Gravel Bar Removal
☐ GP-4 – Intake and Outfall Structures
☐ GP-5 – Utility Line Stream Crossing
☐ GP-6 – Agricultural Crossings & Ramps
☐ GP-7 – Minor Road Crossings
☐ GP-8 – Temporary Road Crossings
☐ GP-9 – Agricultural Activities
☐ Activity Related to Oil and Gas Exploration and Production

SECTION A. APPLICANT INFORMATION

Check One: ☐ New Permit ☐ Transfer of Existing Permit – complete Sections A, C & E and transfer form - 3930-PM-WM0016

Applicant Name _____

Contact Person Last Name _____ First Name _____ MI _____ Telephone () _____

Mailing Address _____ City _____ State _____ Zip + 4 _____

Email Address _____

SECTION B. CONSULTANT (if different than above)

☐ N/A

Consultant - Last Name _____ First Name _____ MI _____

Consulting Firm _____

Mailing Address _____ City _____ State _____ Zip + 4 _____

Telephone () _____ FAX () _____ Email _____

SECTION C. PROJECT INFORMATION

Project Name _____

Site Location _____ City _____ State _____ Zip + 4 _____

Municipality _____ City _____ Borough _____ Township _____ County _____
☐ ☐ ☐

How many acres of earth disturbance will occur as a result of this project?

☐ Less than one acre

☐ 1-5 acres

☐ 5 acres or more

Detailed Written Directions to Project Site:

Project Description (briefly describe your project):

SECTION D. COMPLIANCE REVIEW

Yes No

☐ ☐ Is the applicant (owner and/or operator) currently in violation of any permits issued by the Department?

If yes, please provide:

1. Permit Number: _____

2. Nature of the violation (if any): _____

3. Status of violation (i.e., schedule for compliance, etc.): _____

SECTION E. CERTIFICATION

I certify that the information provided in this permit registration is true and correct to the best of my knowledge and information.

Signature of Permittee
(Person Responsible for Installation, Operation
and Maintenance of Authorized Activity)

Date

Type or Print Name

PA Fish and Boat Commission Approval (for GP-1 only)

Signature

Date

SECTION F. REGISTRATION CHECKLIST

In order to register to use this General Permit, provide the following information to DEP or the delegated County Conservation District:

- ☐ I (we) have notified the Municipality and County.
- ☐ Completed Permit Registration Form.
- ☐ Completed Project Screening Form Questionnaire.
- ☐ LOCATION MAP. An 8 1/2" by 11" photocopy of a portion of the U.S.G.S. 7 1/2 Minute Quadrangle Map with the project site marked.
- ☐ Sketch plan or other site drawing that provides the necessary information.
- ☐ Project cross-section drawing (where required). (General Permits 2, 3, 4, 5, 6, 7 and 8)
- ☐ Completed copy of a PNDI Form with initialed Search Receipt.
- ☐ Color photographs. (General Permit 3 only)
- ☐ PA Fish and Boat Commission approval. (General Permit 1 only)

- ☐ Bog Turtle Habitat Screening Form (where required). This screening is required for General Permits 5, 6, 7, 8, and 9 which may impact wetlands in the following counties: Adams, Berks, Bucks, Carbon (Aquashicola Creek Watershed only), Chester, Cumberland, Delaware, Lancaster, Lebanon, Lehigh, Monroe, Montgomery, Northampton, Schuylkill (Swatara Creek Watershed only) and York

☐ N/A

For activities which permanently impact wetlands (General Permit No. 7 Minor Road Crossing):

- ☐ N/A
- ☐ A wetland delineation with completed 1987 Corps of Engineers Wetland Delineation Manual data forms.
- ☐ If wetland impacts are greater than 0.05 acres, a wetland replacement plan in accordance with the Department's replacement criteria which provides wetland replacement at a one to one acre ratio.

If wetland replacement onsite is not feasible:

- ☐ A check, number _____, in the amount of \$ _____ payable to the National Fish and Wildlife Foundation, Project 95-096 as compensatory mitigation for _____ acres of impact in wetlands, in accordance with the PADEP Wetland Replacement Project.

Fee Schedule -	Deminimus impact less than or equal to .05 acre	-	\$ 0.00
	Greater than .05 acre to .10 acre	-	\$500.00
	Greater than .10 acre to .20 acre	-	\$1,000.00
	Greater than .20 acre to .25 acre	-	\$2,500.00

AN ACKNOWLEDGED COPY OF THIS GENERAL PERMIT AND THE APPROVED EROSION AND SEDIMENT CONTROL PLAN MUST BE AVAILABLE AT THE PROJECT SITE DURING CONSTRUCTION.

REGISTRATION FORM

(continued)

Applicant Name _____

SKETCH PLAN

To ensure the sketch plan is complete, include the following on the site plan in the immediate vicinity of the project.
(√ all that apply)

YES	N/A		YES	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	Stream Impacts with Dimensions	<input type="checkbox"/>	<input type="checkbox"/>	Stream Name _____
		Total Length _____	<input type="checkbox"/>	<input type="checkbox"/>	Chapter 93 Stream Designation _____
		Total sq. ft. _____	<input type="checkbox"/>	<input type="checkbox"/>	Location of Property Lines Relative to the Project
<input type="checkbox"/>	<input type="checkbox"/>	Wetland Impacts	<input type="checkbox"/>	<input type="checkbox"/>	Existing Utilities
		Total _____ sq. ft.	<input type="checkbox"/>	<input type="checkbox"/>	Proposed Utilities
<input type="checkbox"/>	<input type="checkbox"/>	Wetland Acreage Onsite _____	<input type="checkbox"/>	<input type="checkbox"/>	Existing Buildings, Roadways, Other Structures
<input type="checkbox"/>	<input type="checkbox"/>	Stream Limits and Flow Direction	<input type="checkbox"/>	<input type="checkbox"/>	Proposed Buildings, Roadways, Other Structures
<input type="checkbox"/>	<input type="checkbox"/>	Floodway Limits (if known)	<input type="checkbox"/>	<input type="checkbox"/>	Other Waters (i.e. pond, lakes)
<input type="checkbox"/>	<input type="checkbox"/>	Limits of Earth Disturbance			
		Associated with this Activity			

Scale 1" = _____ ft.

REGISTRATION FORM

(continued)

Applicant Name

**PROJECT
CROSS SECTIONS AND PLAN VIEWS**

Required for General Permits 2, 3, 4, 5, 6, 7 and 8

Provide a cross section and plan view of the project (see sample drawings attached to the permits) showing the dimensions of the waterway opening, area of fill materials used, and other pertinent information necessary to accurately depict the scope of your project.



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:

Address:

Phone Number:

Fax Number:

Contact Person Information - if different from applicant

Name:

Address:

Phone Number:

Fax Number:

Project Information

Project Name:

Project Location:

Municipality:

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:

Project Description

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

Total Acres of Property:

Acreage to be Impacted:

1. Will the entire project occur in or on an existing building, parking lot, driveway, road, maintained road shoulder, street, runway, paved area, railroad bed, or maintained lawn? Yes ☐ No ☐
2. Are there any waterways or waterbodies (intermittent or perennial rivers, streams, creeks, tributaries, lakes or ponds) in or near the project area, or on the land parcel? If so, how many feet away is the project?
Yes ☐ Feet No ☐
3. Are wetlands located in or within 300 feet of the project area? Yes ☐ No ☐ If No, is this the result of a wetland delineation?

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
400 Market St., PO Box 8552
Harrisburg, PA 17105
fax: 717-772-0271

PA Game Commission

Bureau of Land Management
2001 Elmerton Avenue
Harrisburg, PA 17110-9797
fax: 717-787-6957

PA Fish and Boat Commission

Natural Diversity Section
450 Robinson Lane
Bellefonte, PA 16823
fax 814-359-5175

US Fish and Wildlife Service

Endangered Species Biologist
315 South Allen St., Suite 322
State College, PA 16801
no faxes please

How to Use the PNDI Project Planning & Environmental Review Form

How do I access the PNDI Environmental Review Tool?

Visit www.naturalheritage.state.pa.us. Click on "PNDI Project Planning and Environmental Review" on the bottom left corner of the homepage to access the tool. Follow this link to access the ER Tool and for step-by-step instructions on using the ER Tool, FAQ's and access to an electronic version of the PNDI Form.

When do I use this form?

1. Before conducting the PNDI online search

The Applicant can complete the PNDI Form and submit it to the person conducting the online PNDI Project Planning and Environmental Review Tool search. This person performing the search could be someone from DEP, the County Conservation Districts, or a consultant. Alternatively, if the Applicant plans to conduct the PNDI online search his or herself—a search form is not needed prior to the PNDI online search.

2. After conducting the PNDI online search

If your PNDI Project Environmental Review Receipt has "Potential Impacts," DEP and the jurisdictional agencies require that you submit additional information to the agencies noted on the Receipt for further review. Please send a copy of the PNDI Receipt, a completed PNDI Form, and a USGS 7.5 minute quadrangle map with project boundaries delineated on the map to the agencies referenced on your PNDI Receipt.

3. If your Project is a "Large Project"—too large/long to search on the online system

Projects are considered "Large Projects" when the ENTIRE project is:

- Linear/Large Projects that exceed map limits: approximately 2-2.84 miles depending on browser size
- Projects that will not fit on 1:24,000 scale map. Project Maximums: 1024 x 768 browsers: 2625 acres; 15,000 feet long x 7600 feet wide; approximately 2.84 miles 800 x 600 browsers: 1050 acres; 11,000 feet long x 4000 feet wide; approximately 2 miles
- Township-wide, Countywide or Statewide Projects. Examples: Act 537 Sewage Plans, Wind Farms, Roadway Improvements exceeding map limits above.

For "Large Project" review, please forward a completed PNDI Form and a USGS 7.5 minute quadrangle with project boundaries and quad name marked on the map to DCNR, PFBC, PGC, and USFWS (contact information on page 1 of form). Due to system limitations and agency requirements, projects should not be submitted piecemeal. The entire project area including roads and infrastructure should be submitted as a single unit.

PNDI Form Definitions

Applicant: Person that owns the property or is proposing the project or activity

Contact Person: Person to receive response if different than applicant (e.g. Consultant)

Project Name: Descriptive title of project (e.g. Twin Pines Subdivision, Miller Bridge Replacement)

Project Location: Description of actual location (e.g. Intersection of Smith and Clay Rd., Latitude & Longitude)

Proposed Activity: Include ALL earth disturbance activities for project (e.g. for a timber sale—include stream crossings, cutting areas and new roadway accesses). Also include Current Conditions (e.g. housing, farmland, current land cover), and how Construction/Maintenance Activity is to be accomplished

Total Acres of Property: Entire site acreage (e.g. timber sale property—including road access (200 acres)

Acreage to be Impacted: Disturbance acreage (e.g. timber sale—if the property is 200 acres, but only 100 acres will be disturbed, for example: cutting on 90 acres, a road impacting 10 acres); include all temporary and permanent activities

**DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATERSHED MANAGEMENT
GENERAL PERMIT
BDWM-GP-8
TEMPORARY ROAD CROSSINGS**

1. **GENERAL DESCRIPTION AND AUTHORITY** - The Department of Environmental Protection hereby authorizes, by General Permit, subject to the terms and criteria set forth below, the construction, operation and maintenance of temporary road crossings across regulated waters of this Commonwealth, including wetlands, where no practicable alternatives exist. This authorization is pursuant to Section 7(b) of the Dam Safety and Encroachments Act, 32 P.S. §693.7(b), and the rules and regulations promulgated thereunder at 25 Pennsylvania Code §105.441-105.449 (relating to general permits). This General Permit is subject to the terms and conditions set forth below.

2. **DENIAL OF AUTHORIZATION** - The Department shall have the discretion, on a case-by-case basis, to deny, revoke or suspend the authorization to use this General Permit for any project which the Department determines to have a significant effect on the safety and protection of life, health, property or the environment or otherwise would not be adequately regulated by the provisions of this General Permit.

3. **DEFINITIONS** - The following terms as used in this General Permit shall have the following meanings:

BODY OF WATER - A natural or artificial lake, pond, reservoir, swamp, marsh or wetland.

BRIDGE - A single span structure erected from top of bank to top of bank carrying a temporary roadway over a stream.

CAUSEWAY - An embankment constructed partially across or along a stream.

CULVERT - A structure with appurtenant works which carries a stream under or through an embankment or fill.

EXCEPTIONAL VALUE WETLANDS - Wetlands as defined at 25 PA Code §105.17(1).

FORD - A road crossing of a stream utilizing the existing stream bed.

INSTALL - To construct, place, lay or set in place.

OWNER - A person who owns, controls, operates, maintains, or manages a dam or reservoir, water obstruction, or encroachment.

PERSON - Any natural person, partnership, association, corporation, public utility, municipality, municipal authority, political subdivision of the Commonwealth, receiver or trustee and any department, board, commission, or authority of the Commonwealth.

REGULATED WATERS OF THE COMMONWEALTH - Watercourses, streams or bodies of water and their floodways wholly or partly within or forming part of the boundary of this Commonwealth.

STOCKED TROUT STREAMS - Streams classified as approved trout waters by the Fish and Boat Commission. Classification shall be verified by contacting the Pennsylvania Fish and Boat Commission's Regional Office, Division of Property Services or Division of Environmental Services.

STREAM - A watercourse.

TEMPORARY ROAD CROSSING - A road installed for a period of time not to exceed one year across a wetland or across or along a stream utilizing a pipe culvert or a series of culverts, a bridge, a causeway or a ford.

WATERCOURSE - A channel or conveyance of surface water having defined bed and banks, whether natural or artificial, with perennial or intermittent flow.

WETLANDS - Those areas that are inundated or saturated by surface or groundwater at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions, including swamps, marshes, bogs and similar areas.

WILD TROUT STREAMS - Streams classified as supporting naturally reproducing trout populations by the Fish and Boat Commission. For a list of wild trout streams, the Fish and Boat Commission can be contacted at: Fish and Boat Commission, Bureau of Fisheries, Division of Fisheries Management, 450 Robinson Lane, Bellefonte, PA 16823-9620.

4. **SUBMERGED LANDS OF THIS COMMONWEALTH** - This General Permit shall not be effective to authorize any project over, across or occupying submerged lands of this Commonwealth until the owner has obtained a license from the Department authorizing the occupation of such submerged lands issued under Section 15 of the Dam Safety and Encroachments Act, 32 P.S. §693.15, Section 514 of The Administrative Code of 1929 (71 P.S. §194), or other applicable laws. Upon receipt of notification from the owner, the Department will review the project to determine if its location is over, across or occupies submerged lands of the Commonwealth.
5. **SPECIFIC AREAS WHERE GENERAL PERMIT DOES NOT APPLY** - This General Permit does not apply and is not valid in the following areas:
 - a. Historic, cultural or archaeological sites as identified in the latest published version of the Pennsylvania Inventory of Historical Places or the National Register of Historical Places.
 - b. Sites identified in the latest published version of the National Registry of Natural Landmarks.
 - c. Stocked trout streams from March 1 through June 15, wild trout streams from October 1 through December 31 and Lake Erie tributaries from September 1 through December 1 unless written approval is obtained from the Fish and Boat Commission's Division of Environmental Services (See "Exhibit A").
 - d. Sites which serve as habitat for fauna or flora listed as "threatened" or "endangered" under the Endangered Species Act of 1973, the Wild Resource Conservation Act, the Fish and Boat Code or the Game and Wildlife Code. Sites may be checked through the Pennsylvania Natural Diversity Inventory by completing an online search at www.naturalheritage.state.pa.us.
6. **OTHER PERMITS** - Nothing in this General Permit relieves the owner(s) of the obligation of complying with all Federal, Interstate Compact and State laws, regulations and standards for the construction, operation or maintenance of the temporary road crossing(s).
7. **REGISTRATION OF PROPOSED USE OF GENERAL PERMIT**- Prior to construction the owner(s) shall submit the General Permit Registration form along with the required attachments to the delegated County Conservation District or to the appropriate DEP Regional Office's Permitting and Technical Services Section (see attached listings). A copy of the General Permit Registration form shall also be sent to the municipality and county in which the work will be performed. **The owner may not begin work until he has notified the appropriate office and received an acknowledgement of that registration.**

8. **CHANGE OF OWNERSHIP** - If there is a change in ownership of a temporary road crossing installed in accordance with this General Permit, the new owner is required to register the crossing with the Department in accordance with Item 7.
9. **FEES** - There is no fee required for a project authorized under this General Permit.
10. **EFFECTIVE TIME PERIOD** - This General Permit will remain in effect indefinitely unless specifically modified, suspended or revised by the Department.
11. **SUSPENSION, MODIFICATION OR REVOCATION** - The Department may suspend, modify, or revoke this General Permit at any time upon notice in the Pennsylvania Bulletin.
12. **PROJECT INTERFERENCE** - This General Permit does not authorize any interference with any existing or proposed Local, State, Federal or Federally Licensed Project, and permittee shall not be entitled to compensation for damage or injury to the work authorized herein which may be caused by or a result of existing or future operations undertaken by the United States, the Commonwealth of Pennsylvania and its political subdivisions in the public interest.
13. **CONDITIONS**
 - a. Crossings may remain installed for a period of time not to exceed one (1) year from the date of the Department's acknowledgement (Item 7) unless extended in writing by the Department.
 - b. The site of a temporary crossing, except fords, shall be restored to original topography and stabilized within five (5) days after termination of its intended use or at the end of the one (1) year period, whichever occurs first.
 - c. Fords used as temporary crossings shall have the approaches adequately blocked and stabilized to prevent future use within five (5) days after termination of its intended use or at the end of the one (1) year period, whichever occurs first.
 - d. Roads must cross all watercourses at a right angle to the stream, unless it is physically impossible to cross at a right angle to the stream.
 - e. Fords are prohibited on all streams within high quality (HQ) and exceptional value (EV) watersheds as specified in 25 Pa. Code, Chapter 93, and in watersheds tributary to drinking water intakes or reservoirs for public water supply users, where the ford is within 2,000 feet upstream of such intake or reservoir.
 - f. Skidding across fords is prohibited.
 - g. Whenever the streambed at the site of a ford does not have a rock bottom, a layer of clean rock must be provided. This layer of clean rock must not obstruct the stream flow. In addition, the approaches must: (1) be maintained in a firm and stable condition and (2) enter the stream on less than a 10% grade within 50 feet of the stream with the flow and (3) exit the stream against the flow on the same grade and distance limitation as specified for the entrance.
 - h. Culverts must provide a waterway area sufficient to adequately discharge the normal flow of the watercourse or stream, and shall be of sufficient length to extend beyond the toe of the clean rock fill.
 - i. Culverts must be installed in such manner that overtopping of the roadway will occur within the stream channel. This can be accomplished by providing a depressed roadway embankment as shown on attached Drawings No. 3 and No. 4.
 - j. A culvert having as large a diameter as possible must be provided to minimize placement of excessive fill and excavation of the stream banks. If the bank height prohibits a large

diameter pipe culvert, the crossing could consist of a bridge or a series of culverts. The minimum size diameter culvert to be used is 12 inches.

- k. Road crossings involving a series of pipe culverts shall be installed with a minimum spacing as specified on attached Drawing No. 4.
- l. Road and causeway embankments shall consist of only clean rock material to prevent stream channel sedimentation during placement, removal and periods of overtopping.
- m. Bridges must be single span from top of bank to top of bank and structurally stable.
- n. Approach roads to temporary road crossings shall utilize original grades. However, clean rock material or gravel to a depth of six inches above original grade shall be utilized for approaches as necessary.
- o. Causeways shall not extend streamward a distance greater than one-half the width of the stream channel.
- p. Temporary road crossings shall be kept open and functioning at all times by maintaining the crossings free of debris and other obstructions.
- q. The owner shall be responsible for any damages resulting from increased backwater caused by the temporary road crossing. The permittee shall remove the temporary road crossing in the event of high waters to prevent the increased backwater.
- r. Wetlands shall be identified and delineated in accordance with the Federal Manual for Identifying and Delineating Jurisdictional Wetlands dated 1989.
- s. Crossings of wetlands shall be avoided if an alternate location is possible. If the crossing of wetlands cannot be avoided, the crossing is permissible if it is located at the narrowest practicable point of the wetland and the length of the crossing within the wetland is less than 200 feet.
- t. The site of a wetlands crossing shall be stabilized by any appropriate means, including but not limited to using removable, temporary mats, pads or other similar devices to insure minimization of impact on the wetlands ecology.
- u. Embankments for temporary roads across wetlands shall be installed to maintain the hydrology of the wetland.
- v. Any archaeological artifacts discovered during the performance of work authorized under this General Permit must be adequately protected and their discovery promptly reported to the Bureau for Historic Preservation, Pennsylvania Historical and Museum Commission, 400 North Street, Second Floor, Harrisburg, PA 17120-0093, telephone (717) 783-8946.
- w. Pollution of the waterway with harmful chemicals, fuels, oils, greases, bituminous material, acid, and/or other harmful or polluting materials, is prohibited.
- x. Owners shall investigate for drinking water intakes or reservoirs for public water supplies within five (5) miles downstream of the site of the temporary road crossing. Written notice shall be given to operators of any such intakes or reservoirs at least ten (10) days prior to construction of the temporary road crossing. Owners must notify public water supply operators immediately and no longer than one (1) hour after an occurrence at the crossing site which results in the release of suspended solids and turbidity to the stream.
- y. Access roads should not approach the stream channel directly downslope, but should traverse the slope obliquely to prevent high velocity road drainage flows from directly

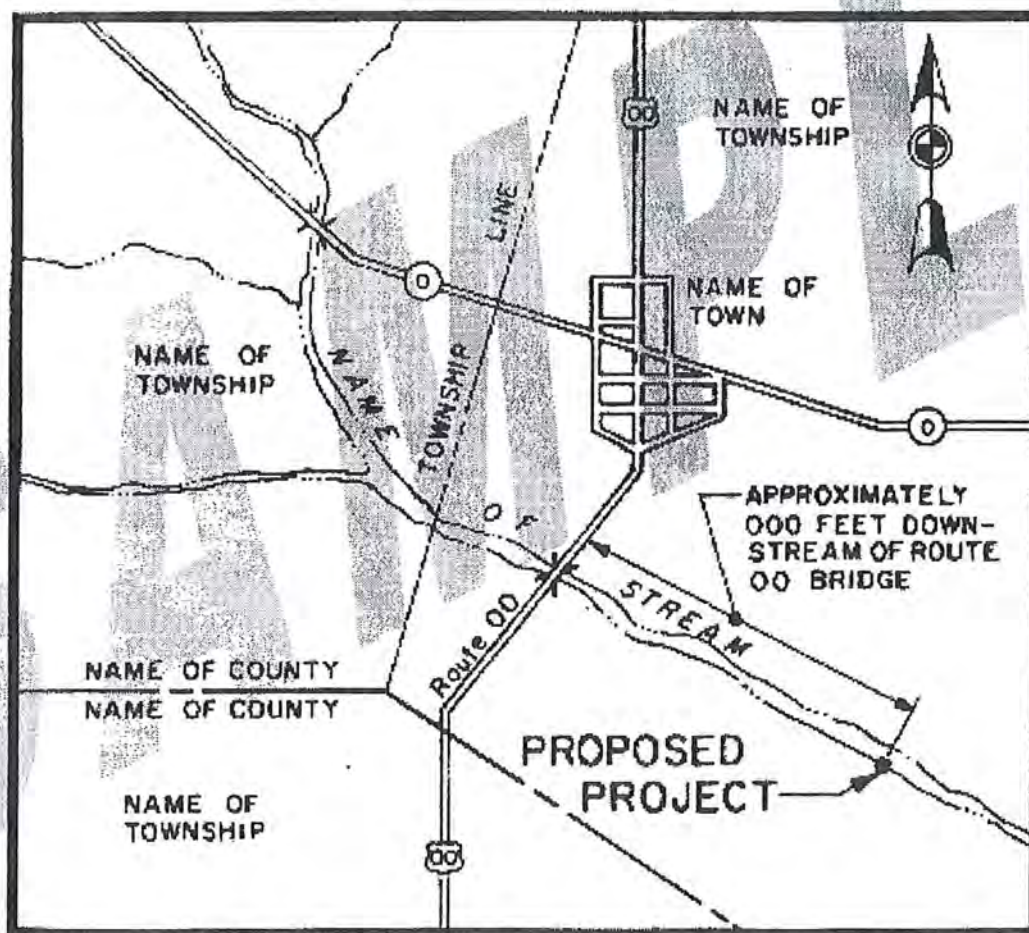
entering the stream channel. Road drainage shall include proper erosion and sediment control Best Management Practices; as referred to in item 20.

14. **DEPARTMENT INSPECTION** - As a condition of use of this General Permit, and of the owner's authority to conduct the activities authorized by this General Permit, the owner hereby authorizes and consents to allow authorized employees or agents of the Department, without advance notice or a search warrant, at any reasonable time and upon presentation of appropriate credentials, and without delay, to have access to and to inspect all areas where the project is being constructed, operated or maintained. The authorization and consent shall include consent to conduct tests or sampling, to take photographs, to perform measurements, surveys and other tests, to inspect the methods of construction, operation or maintenance, to examine and copy books, papers and records pertinent to any matter under investigation, and to take any other action necessary to assure that the project is constructed, operated or maintained in accordance with the terms and conditions of the General Permit. This General Permit condition is included pursuant to Section 16 of the Dam Safety and Encroachments Act, 32 P.S. §693.16, and in no way limits any other powers granted under the Dam Safety and Encroachments Act.
15. **ACTIVITIES NOT IN ACCORDANCE WITH THE TERMS OR CONDITIONS** - If the Department determines, upon inspection, that the construction, operation or maintenance of a project has violated the terms or conditions of this General Permit or the Chapter 105 Rules and Regulations, the Department may take such actions, legal or administrative that it may deem to be appropriate, including revocation of the General Permit with regard to the violation.
16. **STRUCTURE REMOVAL** - The owner(s) shall remove all or any portion of the temporary road crossing upon written notification to the owner(s) by the Department in the event the project is causing an adverse impact on public health, safety or the environment or in any other manner violates the conditions of this General Permit or Chapter 105.
17. **PROPERTY RIGHTS** - This General Permit does not convey any property rights, either in real estate or material, or any exclusive privileges; nor does it authorize any injury to property or invasion of rights or any infringement of Federal, State or local laws or regulations.
18. **OTHER APPROVALS** - The owner(s) shall secure all other approvals that may be necessary under Federal, State or local laws or regulations.
19. **FISH AND BOAT COMMISSION NOTIFICATION** - The owner(s) shall notify the Pennsylvania Fish and Boat Commission's Regional Field Office Manager (see "Exhibit A") responsible for the County where the activities are proposed ten (10) days prior to start of construction. Written notification is suggested. The project site shall at all times be available for inspection by authorized officers and employees of the Pennsylvania Fish and Boat Commission.
20. **BEST MANAGEMENT PRACTICES** - Work must be done in compliance with Chapter 102 of the Department's Rules and Regulations (relating to Erosion Control). Prior to construction an Erosion and Sediment Control Plan must be reviewed and determined to be adequate by the County Conservation District in which the activities are proposed and implemented prior to, during and after construction. The project site shall at all times be available for inspection by authorized employees of the County Conservation District. The Erosion and Sediment Control Plan shall be available at the site at all times.

GENERAL PERMIT:

SAMPLE LOCATION MAP

Dwg. No. 1

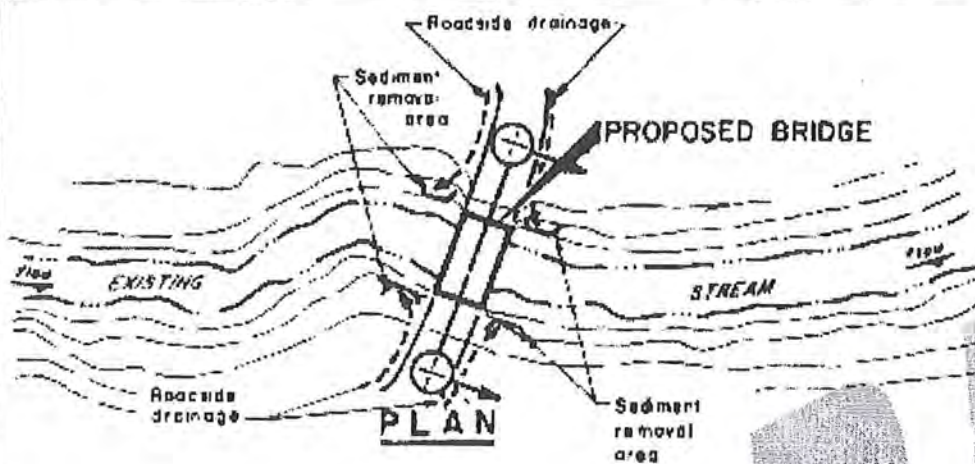


NOTE: Use of a photocopy of the U.S.G.S. quadrangle map(s) is recommended.

GENERAL PERMIT:

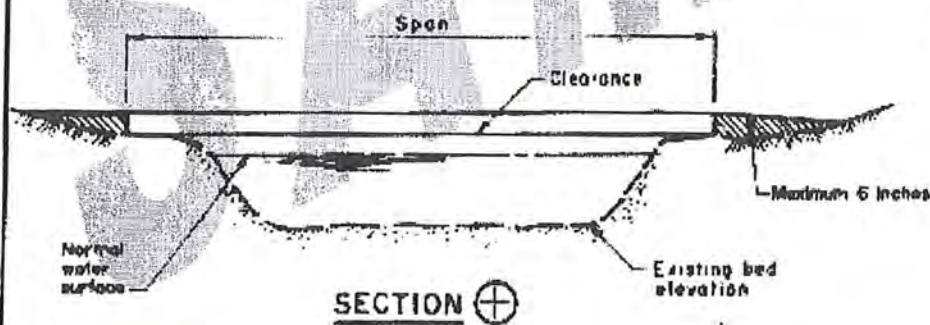
B.D.W.M. GP-8
TEMPORARY ROAD CROSSINGS
BRIDGE

Dwg. No. 2



NOTES:

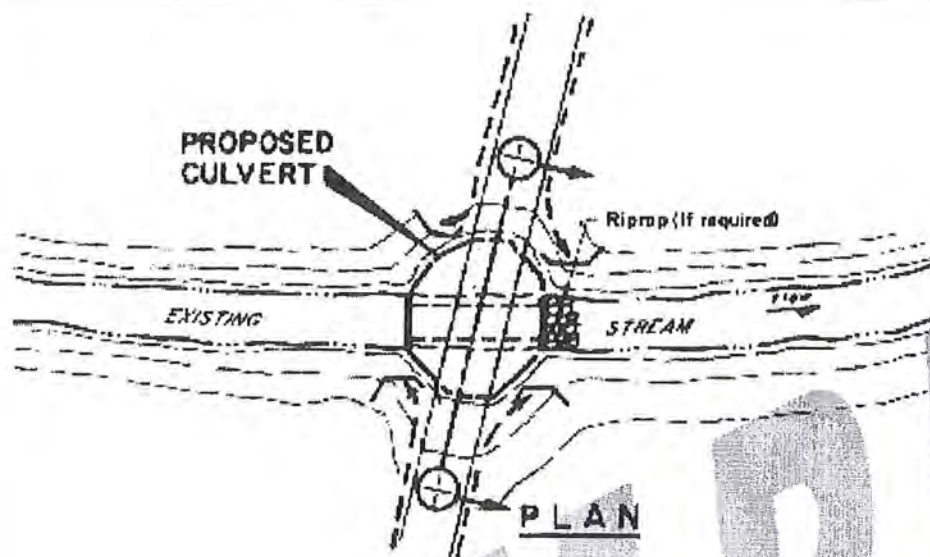
1. Approaches to crossings are not to exceed a depth of 6 inches above original grade.
2. Proper erosion and sedimentation control measures must be installed, refer to Item 20.
3. Provide satisfactory bearing for structure at top of banks.
4. Refer to Item 13, Conditions.



GENERAL PERMIT:

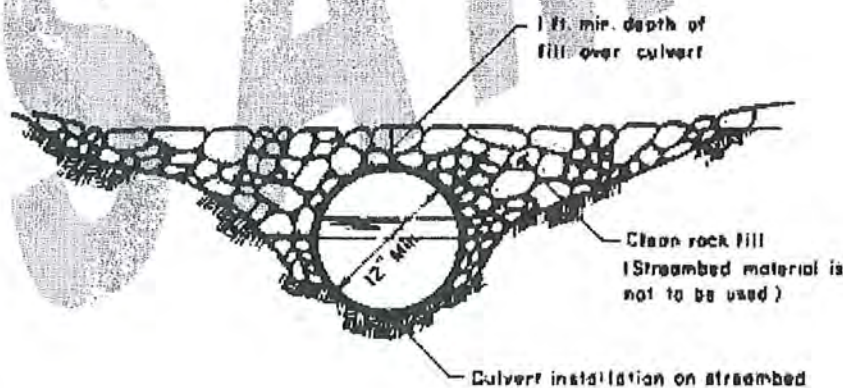
B.D.W.M. GP-8
TEMPORARY ROAD CROSSINGS
SINGLE CULVERT

Dwg. No. 3



NOTES:

1. Pipe should extend beyond toe of roadway.
2. Roadway should be depressed over culvert to allow for overflow.
3. Clean rock fill shall be used to guard against erosion and sedimentation. Streambed material is not to be used.
4. Minimum size diameter culvert to be installed is 12 inches.
5. Approaches to crossings are not to exceed a depth of 6 inches above original grade.
6. Proper erosion and sedimentation control measures must be installed, refer to Item 20.
7. Refer to Item 13, Conditions.

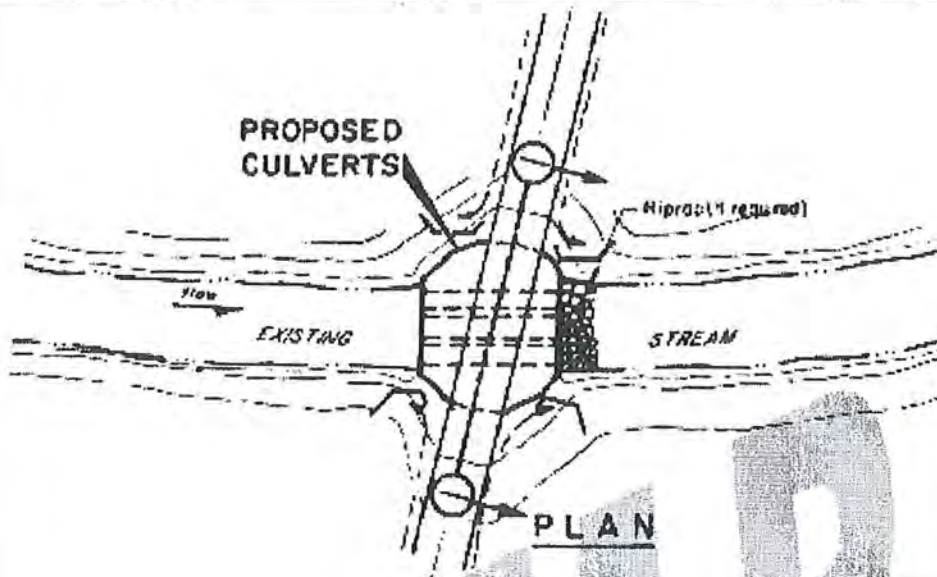


SECTION ⊕

GENERAL PERMIT:

B.D.W.M. GP-8
TEMPORARY ROAD CROSSINGS
SERIES OF CULVERTS

Dwg. No. 4

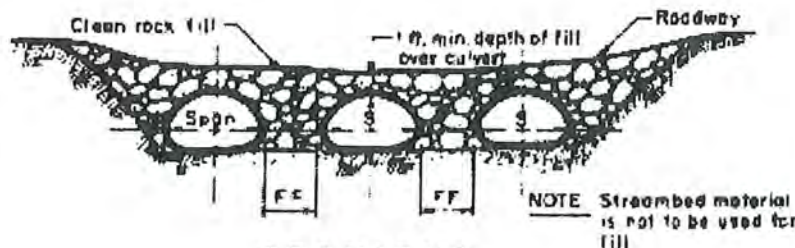
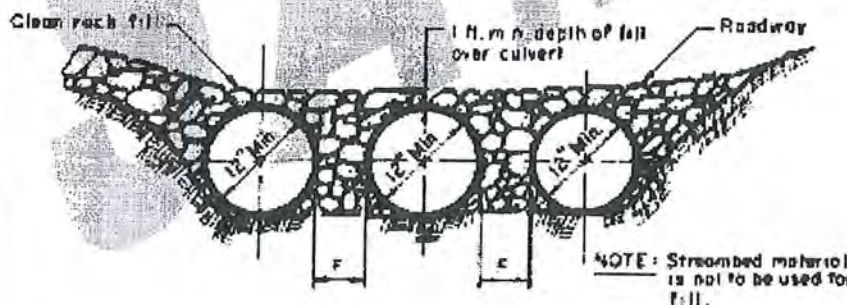


PIPE DIAMETER (D)	MIN. DISTANCE (F)
12 in. to 24 in.	2 in.
24 in. to 72 in.	$\sqrt{2} \text{ diam. (D) in.}$
72 in. to 120 in.	36 in.

PIPE ARCH SIZE (IN.)	MIN. DISTANCE (FF)
18 x 11 to 22 x 18	2 in.
22 x 18 to 72 x 44	Org. Third Span of Pipe Arch
Above 72 x 44	30 in.

NOTES:

1. Pipes should extend beyond toe of roadway.
2. Roadway should be depressed over culverts to allow for overflow.
3. Clean rock fill shall be used to guard against erosion and sedimentation. Streambed material is not to be used.
4. Minimum size diameter culvert to be installed is 12 inches.
5. Approaches to crossings are not to exceed a depth of 6 inches above original grade.
6. Proper erosion and sedimentation control measures must be installed, refer to Item 20.
7. Refer to Item 13, Conditions.

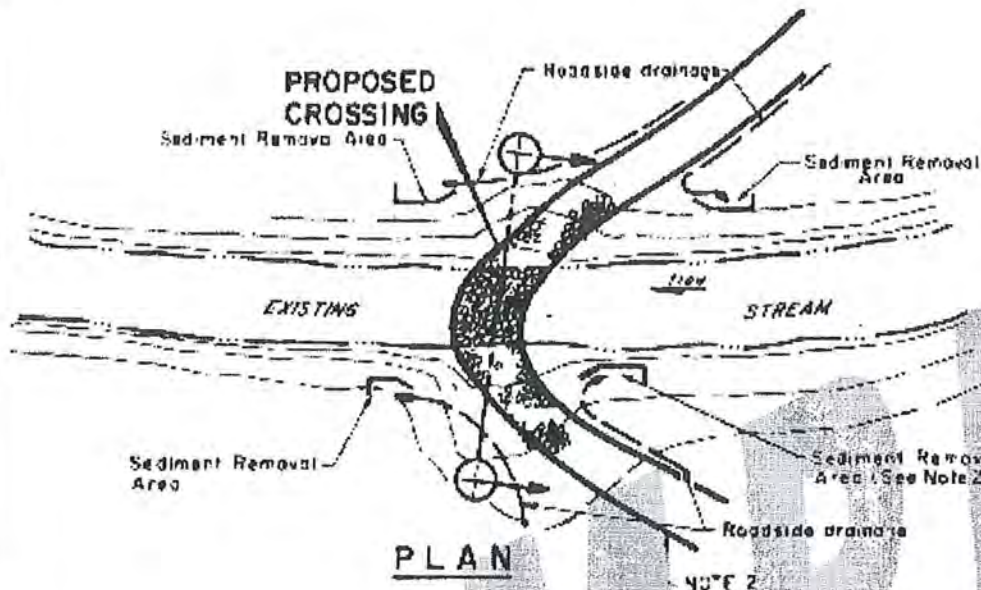


SECTIONS

GENERAL PERMIT:

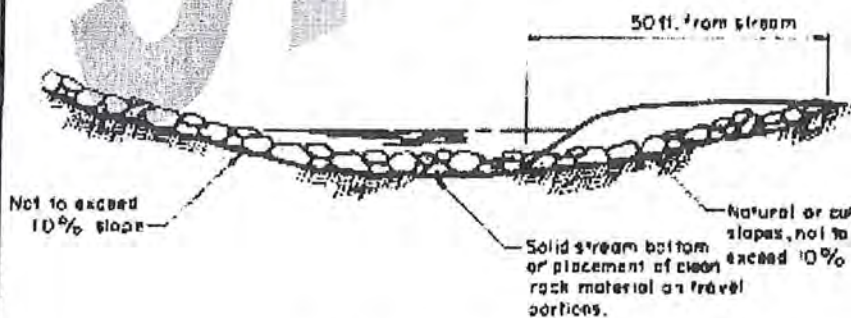
B.D.W.M. GP-8
TEMPORARY ROAD CROSSINGS
FORD

Dwg. No. 5



NOTES:

1. Approaches to crossings are not to exceed a depth of 6 inches above original grade.
2. Proper erosion and sedimentation control measures must be installed, refer to item 20.
3. Refer to item 13, Conditions.

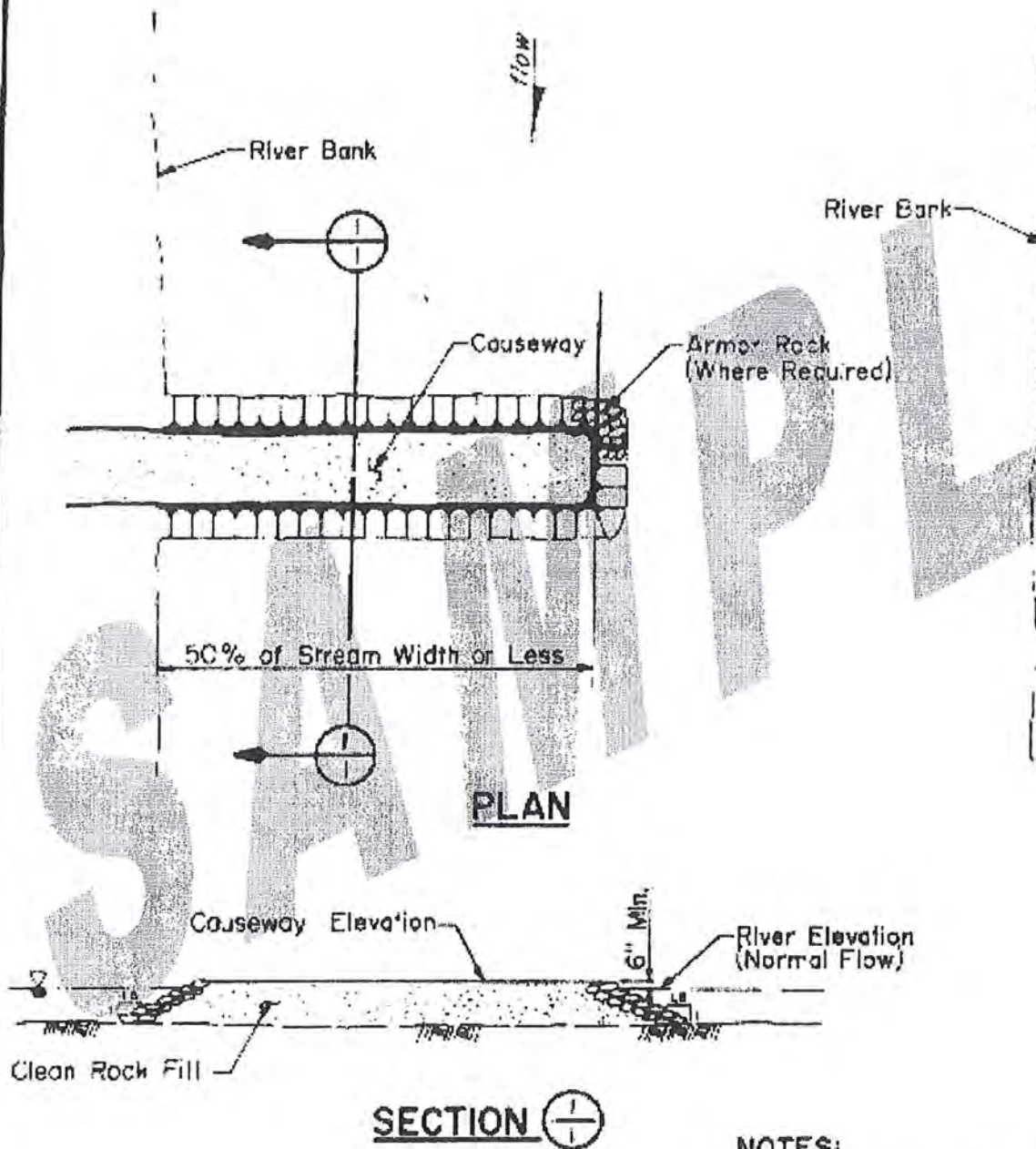


SECTION ⊕

GENERAL PERMIT:

B.D.W.M. GP-8
TEMPORARY ROAD CROSSINGS
CAUSEWAY

Dwg. No. 6



NOTES:

1. Approach to causeway is not to exceed a depth of 6 inches above original grade.
2. Proper erosion and sedimentation control measures must be installed, refer to Item 20.
3. Refer to Item 13, Conditions.

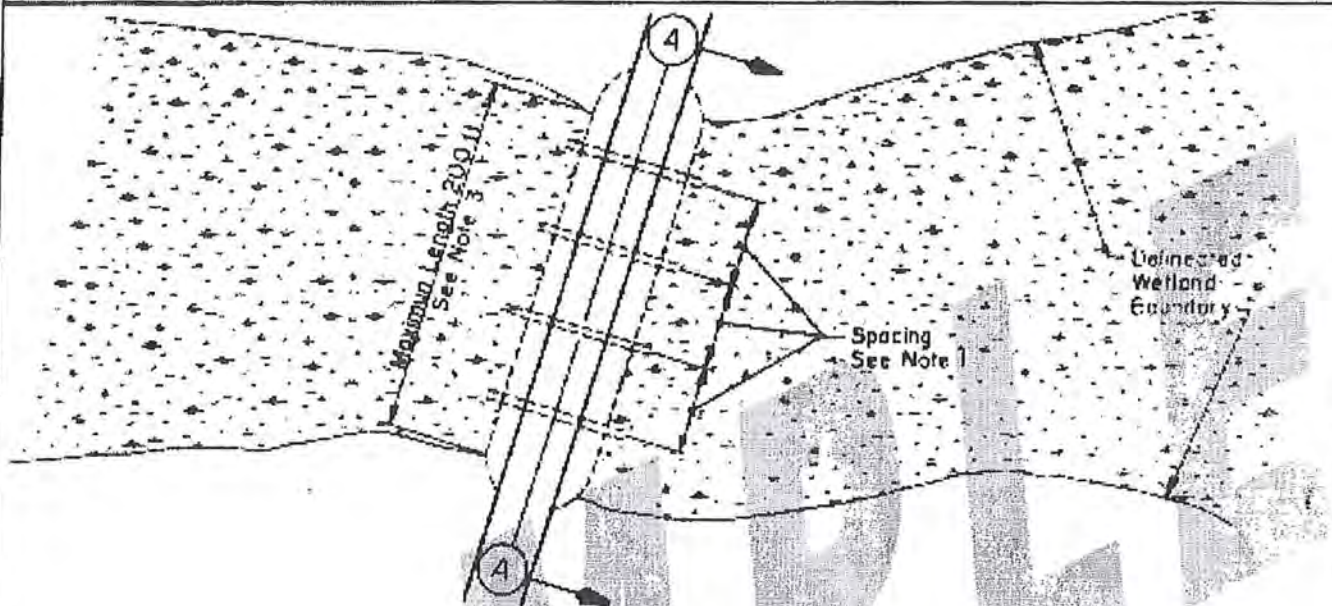
GENERAL PERMIT:

B.D.W.M. GP-8

TEMPORARY ROAD CROSSINGS

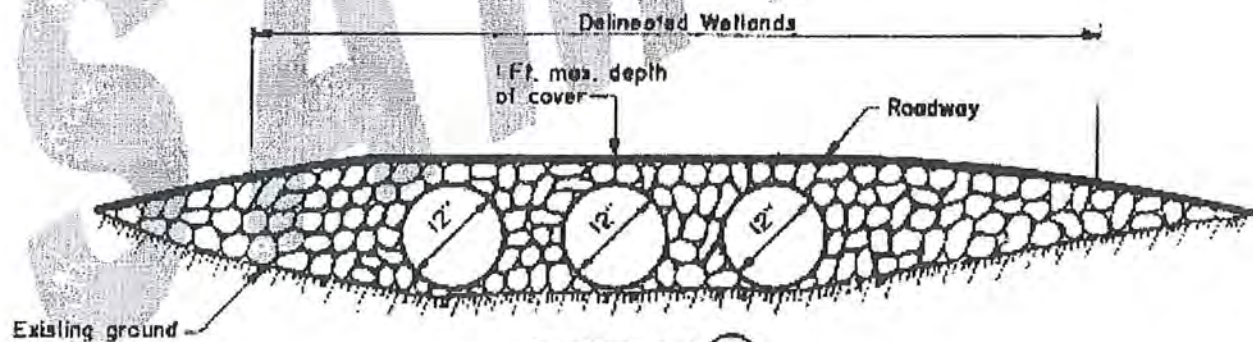
WETLAND CROSSING

Dwg. No. 7



PLAN

No Scale



SECTION A

No Scale

NOTES:

1. 12-inch culverts should be installed to maintain the hydrology of the wetland and shall be spaced on a minimum of 10' intervals, refer to condition 13(I).
2. Culverts should extend beyond the toe of the fill.
3. The wetland crossing shall be in accordance with conditions 13(R) and (S).
4. Proper erosion and sedimentation control measures must be installed, refer to item 20.

EXHIBIT A

OFFICES OF THE PENNSYLVANIA FISH AND BOAT COMMISSION

Headquarters Address

County Responsibility

NORTHWEST REGION

Regional Manager
11528 Highway 98
Meadville, PA 16335-7320
814-337-0444

Butler, Clarion, Crawford, Erie,
Forest, Lawrence, Mercer, Venango
and Warren

SOUTHWEST REGION

Regional Manager
236 Lake Road
Somerset, PA 15501-1644
814-445-8974

Allegheny, Armstrong, Beaver,
Cambria, Fayette, Greene, Indiana,
Somerset, Washington and
Westmoreland

NORTHCENTRAL REGION

Regional Manager
P.O. Box 5306
Pleasant Gap, PA 16823
814-359-5250

Cameron, Centre, Clearfield,
Clinton, Elk, Jefferson, Lycoming,
McKean, Montour, Northumberland,
Potter, Snyder, Tioga and Union

SOUTHCENTRAL REGION

Regional Manager
1704 Pine Road
Newville, PA 17241
717-486-7087

Adams, Bedford, Blair, Cumberland,
Dauphin, Franklin, Fulton,
Huntingdon, Juniata, Lebanon,
Mifflin, Northumberland (Mahatango
Creek in Jordan and Lower Mahanoy
Townships only), Perry and York

SOUTHEAST REGION

Regional Manager
P.O. Box 9
Elm, PA 17521
717-626-0228

Berks, Bucks, Chester, Delaware,
Lancaster, Lehigh, Montgomery,
Northampton, Philadelphia and
Schuylkill

NORTHEAST REGION

Regional Manager
P.O. Box 88
Sweet Valley, PA 18656
570-477-5717

Bradford, Carbon, Columbia,
Lackawanna, Luzerne, Monroe,
Pike, Sullivan, Susquehanna,
Wayne and Wyoming

DIVISION OF ENVIRONMENTAL SERVICES

450 Robinson Lane, Bellefonte, PA 16823-9620
814-359-5147

DIVISION OF FISHERIES MANAGEMENT

450 Robinson Lane, Bellefonte PA 16823-9620
814-359-5110

EXHIBIT B
REGIONAL OFFICES OF THE DEPARTMENT OF ENVIRONMENTAL PROTECTION
AND
U.S. ARMY CORPS OF ENGINEERS DISTRICT OFFICES

Permitting and Technical Services SectionCounty Responsibility

Southcentral Regional Office
 909 Elmerton Avenue, Second Floor
 Harrisburg, PA 17110
 (717) 705-4707

Adams, Bedford, Berks, Blair, Cumberland,
 Dauphin, Franklin, Fulton, Huntingdon,
 Juniata, Lancaster, Lebanon, Mifflin, Perry
 and York

Southeast Regional Office
 2 East Main Street
 Norristown, PA 19401
 (484) 250-5970

Bucks, Chester, Delaware, Montgomery and
 Philadelphia

Southwest Regional Office
 400 Waterfront Drive
 Pittsburgh, PA 15222-4745
 (412) 442-4000

Allegheny, Armstrong, Beaver, Cambria,
 Fayette, Greene, Indiana, Somerset,
 Washington and Westmoreland

Northwest Regional Office
 230 Chestnut Street
 Meadville, PA 16335
 (814) 332-6984

Butler, Clarion, Crawford, Elk, Erie, Forest,
 Jefferson, Lawrence, McKean, Mercer,
 Venango and Warren

Northeast Regional Office
 2 Public Square
 Wilkes-Barre, PA 18711-0790
 (570) 826-2511

Carbon, Lackawanna, Lehigh, Luzerne,
 Monroe, Northampton, Pike, Schuylkill,
 Susquehanna, Wayne and Wyoming

Northcentral Regional Office
 208 W. Third Street, Suite 101
 Williamsport, PA 17701
 (570) 327-3574

Bradford, Cameron, Centre, Clearfield,
 Clinton, Columbia, Lycoming, Montour,
 Northumberland, Potter, Snyder, Sullivan,
 Tioga and Union

Note: Registration for the use of General Permits (except General Permit 11 Registrations which must be sent to the Permitting and Technical Services Section) must be sent to the County Conservation District in those counties where the District has a delegation agreement with the Department of Environmental Protection.

U.S. ARMY CORPS OF ENGINEERS DISTRICT OFFICES		
Delaware River Basin	Ohio River Basin Portions of Lake Erie and Genesee River Basins Located in PA	Susquehanna River Basin
Philadelphia District Corps of Engineers Wanamaker Building 100 Penn Square East Philadelphia, PA 19107 Phone: 215-656-6725 Phone: 215-656-6729 (to report violations) Fax: 215-656-6724	Pittsburgh District Corps of Engineers Regulatory Branch 1000 Liberty Avenue Pittsburgh, PA 15222 Phone: 412-395-7152 Fax: 412-644-4211	Baltimore District Corps of Engineers P.O. Box 1715 Baltimore, MD 21203-1715 Phone: 814-235-0570 Fax: 814-235-0576

EXHIBIT C
COUNTY CONSERVATION DISTRICTS

- Adams County
670 Old Harrisburg Road, Ste. 201
Gettysburg, PA 17325
717-334-0636
- Allegheny County
Lexington Technology Park
Bldg. 1, Suite 102
400 N. Lexington St.
Pittsburgh, PA 15208
412-241-7645
- Armstrong Co.
Armsdale Admin. Bldg.
124 Armsdale Rd., Suite B-2
Kittanning, PA 16201
724-548-3425
- Beaver County
156 Cowpath Rd.
Aliquippa, PA 15001
724-378-1701
- Bedford County
702 W. Pitt Street, Suite 4
Bedford, PA 15522
814-623-7900 Ext. 4
- Berks County
◆ 1238 County Welfare Rd.
Suite 200
Leesport, PA 19533
610-372-4657
- Blair County
1407 Blair Street
Hollidaysburg, PA 16648
814-696-0877 Ext. 5
- Bradford County
◆ Stoll Natural Resource Ctr.
RR 5, Box 5030C
Towanda, PA 18848
570-265-5539 Ext. 6
- Bucks County
1456 Ferry Rd. Ste. 704
Doylestown, PA 18901
215-345-7577
- Butler County
◆ 122 McCune Drive
Butler, PA 16001
724-284-5270
- Cambria County
◆ 401 Candlelight Dr., Ste. 221
Ebensburg, PA 15931
814-472-2120
- Cameron County
◆ 20 E. Fifth St., Room 105
Emporium, PA 15834
814-486-9353
- Carbon County
5664 Interchange Rd.
Lehighton, PA 18235
610-377-4894 Ext. 4
- Centre County
◆ 414 Holmes Ave., Ste. 4
Bellefonte, PA 16823
814-355-6817
- Chester County
Willowdale Town Center
888 Unionville Rd., Ste. 200
Kennett Square, PA 19348
610-925-4920
- Clarion County
265 Holiday Inn Rd., Ste. 2
Clarion, PA 16214
814-226-4070 Ext. 113
- Clearfield County
650 Leonard Street
Clearfield, PA 16830
814-765-2629
- Clinton County
◆ 45 Cooperation Lane
Mill Hall, PA 17751
570-726-3798
- Columbia County
◆ 702 Sawmill Rd., Suite 204
Bloomsburg, PA 17815
570-784-1310 Ext. 5
- Crawford County
◆ 21742 German Rd.
Meadville, PA 16335
814-763-5269
- Cumberland County
310 Allen Rd., Suite 301
Carlisle, PA 17013
717-240-7812
- Dauphin County
1451 Peters Mountain Road
Dauphin, PA 17018
717-921-8100
- Delaware County
◆ Rose Tree Park Hunt Club
1521 N. Providence Rd.
Media, PA 19063
610-892-9484
- Elk County
◆ Courthouse Annex
300 Center St.
P.O. Box 448
Ridgway, PA 15853
814-776-5373
- Erie County
◆ 1927 Wager Road
Erie, PA 16509
814-825-6403
- Fayette County
10 Nickman Plaza
Lemont Furnace, PA 15456
724-438-4497
- Forest County
526 Elm St., Box 4
Tionesta, PA 16353
814-755-3560
- Franklin County
185 Franklin Farm Lane
Chambersburg, PA 17202
717-264-5499
- Fulton County
216 North Second Street, Ste. 15
McConnellsburg, PA 17233-1170
717-485-3547
- Greene County
◆ Fort Jackson Building, Mezzanine
19 S Washington St.
Waynesburg, PA 15370-1839
724-852-5278
- Huntingdon County
◆ 10605 Raystown Road, Suite A
Huntingdon, PA 16652
814-627-1627
- Indiana County
◆ USDA Service Ctr.
1432 Rt. 286, Hwy. E
Indiana, PA 15701-1467
724-463-8547 Ext. 4
- Jefferson County
◆ 1514 Route 28
Brookville, PA 15825
814-849-7463
- Juniata County
RR 5, Box 35, Stoney Creek Dr.
Mifflintown, PA 17059
717-436-8953 Ext. 5
- Lackawanna County
1300 Old Plank Rd.
Mayfield, PA 18433
570-281-9495
- Lancaster County
◆ 1383 Arcadia Road, Room 200
Lancaster, PA 17601-3149
717-299-5361
- Lawrence County
430 Court St.
New Castle, PA 16101
724-652-4512
- Lebanon County
2120 Cornwall Rd., Ste. 5
Lebanon, PA 17042-9788
717-272-3908 Ext. 4
- Lehigh County
Lehigh Ag. Ctr, Ste 102
4184 Dorney Park Rd.
Allentown, PA 18104
610-391-9583
- Luzerne County
485 Smiths Pond Rd.
Shavertown, PA 18708
570-674-7991
- Lycoming County
542 County Farm Rd., Ste. 202
Montoursville, PA 17754
570-433-3003
- McKean County
◆ 17137 Route 6
Smethport, PA 16749
814-887-4001
- Mercer County
◆ 747 Greenville Rd.
Mercer, PA 16137-5023
724-662-2242
- Mifflin County
20 Windmill Hill Ste. 4
Burnham, PA 17009
717-248-4695
- Monroe County
◆ 8050 Running Valley Road
Stroudsburg, PA 18360
570-629-3060
- Montgomery County
143 Level Road
Collegeville, PA 19426-3313
610-489-4506
- Montour County
◆ 112 Woodbine Lane, Ste. 2
Danville, PA 17821
570-271-1140
- Northampton County
Greystone Bldg.
Gracedale Complex
Nazareth, PA 18064
610-746-1971
- Northumberland County
441 Plum Creek Rd.
Sunbury, PA 17801
570-286-7114 Ext. 4
- Perry County
31 W. Main Street,
P.O. Box 36
New Bloomfield, PA 17068
717-582-8988 Ext. 4
- Pike County
◆ 556 Route 402, Suite 1
Hawley, PA 18428
570-226-8220
- Potter County
◆ 107 Market Street
Coudersport, PA 16915
814-274-8411
- Schuylkill County
1206 AG Center Dr.
Pottsville, PA 17901
570-622-3742 Ext. 5
- Snyder County
◆ 10541 Route 522
Middleburg, PA 17842
570-837-3000
- Somerset County
6024 Glades Pike, Suite 103
Somerset, PA 15501
814-445-4652 Ext. 5
- Sullivan County
◆ RR 2, Box 2022B
Dushore, PA 18614
570-928-7057
- Susquehanna County
◆ 31 Public Avenue
Montrose, PA 18801
570-278-4600 Ext. 280
- Tioga County
◆ 50 Plaza Lane
Wellsboro, PA 16901
570-724-1801 Ext. 5
- Union County
◆ 155 N. 15th St.
Lewisburg, PA 17837
570-524-3860
- Venango County
1793 Cherrytree Rd.
Franklin, PA 16323
814-676-2832
- Warren County
◆ 609 Rouse Ave., Ste. 203
Youngsville, PA 16371
814-563-3117
- Washington County
* 100 W. Beau St., Ste. 105
Washington, PA 15301
724-228-6774
- Wayne County
◆ 648 Park St.
Honesdale, PA 18431
570-253-0930
- Westmoreland County
* 218 Donohoe Road
Greensburg, PA 15601
724-837-5271
- Wyoming County
1 Hollowcrest Complex
Tunkhannock, PA 18657
570-836-2589 Ext. 3
- York County
118 Pleasant Acres Rd.
York, PA 17402
717-840-7430

Delegated Programs

- ◆ Chapter 105
- * GP6 and GP9 only
- NPDES and E&S Permits



pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATERSHED MANAGEMENT
WATER OBSTRUCTION AND ENCROACHMENT

Bog Turtle Habitat Screening

U.S. Army Corps of Engineers/Department of Environmental Protection State Programmatic General Permit/Water Obstruction and Encroachment General Permit

Federal/State Screening Process for Bog Turtles (*Glyptemys muhlenbergii*) and/or their habitat in Adams, Berks, Bucks, Carbon (Aquashicola Creek Watershed only), Chester, Cumberland, Delaware, Lancaster, Lebanon, Lehigh, Monroe, Montgomery, Northampton, Schuylkill (Swatara Creek Watershed only), and York Counties.

In 1974 the Pennsylvania Fish and Boat Commission, under Section 2305 of the Fish and Boat Code, listed the bog turtle as an endangered species, and in 1997 the U.S. Fish and Wildlife Service, under the Endangered Species Act of 1973, listed the bog turtle as a threatened species. Poaching and loss of habitat are two primary reasons for the decline in turtle populations throughout the Mid-Atlantic Region.

The 4-inch bog turtle's preferred wetland habitat is spring seeps and open marshy meadows in the valleys of southcentral and eastern Pennsylvania. Here the water is slow moving and the earth is mucky. Mucky soils provide cover for the turtles in spring and summer. October through April, the turtles use the same mucky soils as a place to hibernate. Plants common to these wetland areas include cattails, rushes, jewelweed, skunk cabbage, sedges, and sphagnum moss.

In order to provide continued protection for the turtle and to minimize conflicts during project development and permitting, the U.S. Army Corps of Engineers, U.S. Fish and Wildlife Service and PA Department of Environmental Protection have developed a screening process to identify potential bog turtle habitat. Representatives of these agencies will provide on-site technical assistance to determine if proposed projects may impact wetlands which serve as bog turtle habitat.

This special screening process is only required for those activities which will impact wetlands in the counties or watersheds listed above. If your proposed activity does not impact wetlands in these counties, you may proceed with the registration of the general permit without this screening process.

INSTRUCTIONS

If your proposed project includes a **wetland impact** in one of the fifteen counties listed above, follow the steps below prior to submitting the General Permit Registration form.

1. Using the primary contact list on the next page, identify the primary contact for your county where the wetland impact will take place.
2. Complete the attached form to provide driving directions, a project description, and a sketch or a plan detailing the proposed project. In addition, include a copy of a USGS quadrangle showing your project location, the agencies will be able to conduct a threatened and endangered species review for your project prior to the site visit which may also expedite your permit registration process. Submit this information by fax or mail to the primary contact to request a field view to screen for potential bog turtle habitat.
3. The agency representative will contact you to schedule an on-site assessment of the wetlands for bog turtle habitat. They will complete the bog turtle habitat screening form, sign it, and explain the results to you. You do not have to be present during the field view.
4. If it is determined that the project area (which includes the direct and indirect impact area) does not contain potential bog turtle habitat, submit the completed bog turtle habitat screening form provided to you along with the remainder of the information required by the general permit registration package, including the General Permit Registration form, to the appropriate Regional Office or Delegated County Conservation District for processing.

5. If it is determined that the project area (which includes the direct and indirect impact area) is potential bog turtle habitat, the agency representative will discuss your options with you. These may include moving the project to an alternate location, contacting a professional bog turtle surveyor, or consulting with the U.S. Fish and Wildlife Service. Neither a state general permit nor a federal State Programmatic General Permit can be registered without the U.S. Fish and Wildlife Service clearing the potential bog turtle conflict.
6. If you cannot avoid the impacts to bog turtle habitat, an Individual Chapter 105 and Section 404 Permit Application will be required for processing, public notice, and review. An application does not guarantee permit approval.
7. If you have any questions specific to this process, please contact the appropriate agency representative for your county.

PRIMARY CONTACT LIST BY COUNTY

Adams, Cumberland Counties

Debby Nizer
U. S. Army Corps of Engineers
Baltimore Dist., Regulatory Branch, PA Section
P. O. Box 1715
Baltimore, MD 21203-1715
Phone: 410-962-6085
Fax: 410-962-6024

Berks (Philadelphia District), Bucks, Chester (Philadelphia District), Delaware, Montgomery Counties

Bill Jenkins, Chief, Applications Section
U. S. Army Corps of Engineers
Philadelphia Dist., Regulatory Branch
Wanamaker Building
100 Penn Square East
Philadelphia, PA 19107-3390
Phone: 215-656-6726
Fax: 215-656-6724

Carbon (Aquashicola Creek Watershed only), Lehigh, Northampton, Schuylkill (Swatara Creek Watershed only) Counties

Bonnie Dershem
U.S. Fish and Wildlife Service
315 South Allen St., Suite 322
State College, PA 16801
Phone: 814-234-4090, ext. 234
Fax: 814-234-0748

Berks (Baltimore District), York Counties

Mike Danko
U. S. Army Corps of Engineers
Carlisle Regulatory Field Office
401 Louthier Street, Suite 205
Carlisle, PA 17013
Phone: 717-249-8730
Fax: 717-240-0523

Chester (Baltimore District), Lancaster, Lebanon Counties

Pat Strong
U. S. Army Corps of Engineers
Baltimore Dist., Regulatory Branch, PA Section
P. O. Box 1715
Baltimore, MD 21203-1715
Phone: 410-962-1847
Fax: 410-962-6024

Monroe County

Victor Motts
Monroe County Conservation District
8050 Running Valley Road
Stroudsburg, PA 18360-8841
Phone: 570-629-3060
Fax: 570-629-3063

If you have more general questions or need information on permitting, please contact the appropriate DEP Regional Office listed below.

DEP
Northeast Regional Office
2 Public Square
Wilkes-Barre, PA 18711-0790
570-826-2511

Carbon (Aquashicola Creek Watershed only), Lehigh, Monroe, and Northampton, and Schuylkill (Swatara Creek Watershed only) Counties

DEP
Southcentral Regional Office
909 Elmerton Avenue
Harrisburg, PA 17110
717-705-4707

Adams, Berks, Cumberland, Lancaster, Lebanon, and York Counties

DEP
Southeast Regional Office
2 East Main Street
Norristown, PA 19401
484-250-5940

Bucks, Chester, Delaware, and Montgomery Counties

SPECIAL BOG TURTLE HABITAT SCREENING

**U. S. ARMY CORPS OF ENGINEERS/DEPARTMENT OF ENVIRONMENTAL PROTECTION
STATE PROGRAMMATIC GENERAL PERMIT/WATER OBSTRUCTION AND
ENCROACHMENT GENERAL PERMIT**

APPLICANT INFORMATION

Applicant Name _____
 Mailing Address _____ Telephone (____) _____
 City _____ State _____ ZIP+4 _____
 Email Address _____

PROJECT DESCRIPTION

Project Name _____
 County _____ Municipality _____
 Latitude _____ Longitude _____
 Which general permit(s) are you planning to register? GP-5 ☐ GP-6 ☐ GP-7 ☐ GP-8 ☐ GP-9 ☐ GP-11 ☐

Detailed Written Directions to Project _____

Briefly Describe Your Project _____

SIGNATURE

I hereby grant permission for representatives of the U. S. Army Corps of Engineers or other authorized screening representative to inspect the project site as necessary in order to perform the requested habitat determination.

 Signature

 Date

On the reverse side of this page, prepare a sketch showing your project, the wetlands, and all proposed impacts.

Applicant Name _____

BOG TURTLE HABITAT - SKETCH PLAN

To ensure the sketch plan is complete, include the following on the site plan in the immediate vicinity of the project.
(√ all that apply)

YES	N/A	<input type="checkbox"/> <input type="checkbox"/> Stream Impacts with Dimensions Total Length _____ Total sq. ft. _____	YES	N/A	<input type="checkbox"/> <input type="checkbox"/> Stream Name _____
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> Wetland Impacts Total _____ sq. ft.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> Chapter 93 Stream Designation _____
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> Wetland Acreage Onsite _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> Location of Property Lines Relative to the Project
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> Stream Limits and Flow Direction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> Existing Utilities
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> Floodway Limits (if known)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> Proposed Utilities
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> Limits of Earth Disturbance Associated with this Activity	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> Existing Buildings, Roadways, Other Structures
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> Proposed Buildings, Roadways, Other Structures
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> Other Waters (i.e. pond, lakes)

Scale 1" = _____ ft.



pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATERSHED MANAGEMENT
WATER OBSTRUCTION AND ENCROACHMENT

PROJECT SCREENING FORM

The following questionnaire must be completed to determine eligibility for Federal authorization under the Pennsylvania State Programmatic General Permit 3 (PASPGP-3) process. The term "Project", for the purpose of this form, is defined as the total project proposed or accomplished by one owner/developer, partnership or association of owners/developers. All of the individual components of the project should be considered collectively as one project when completing this form. For linear projects, all impacts to waters and wetlands should be added together and collectively viewed as impacts associated with the "Project". The term "Subdivision", for the purpose of this form, is defined as the division or re-division of a lot, tract or parcel of land into two or more lots, tracts, parcels or other divisions of land including changes in existing lot lines.

Applicant/Project Name: _____

YES

NO

- | | | |
|--------------------------|--------------------------|---|
| <input type="checkbox"/> | <input type="checkbox"/> | 1. Does this project involve the temporary and/or permanent discharge of dredged and/or fill material, or the excavation of greater than one acre of waters and/or wetlands? Included in this calculation are the areas directly and indirectly affected by the work, including the area of waters and/or wetlands filled, drained and/or flooded as a result of the project. |
| <input type="checkbox"/> | <input type="checkbox"/> | 2. Does your project involve impacts to greater than 250 linear feet of stream channel? The linear footage of stream impact shall be measured along the centerline of the watercourse when both streambanks of the watercourse are involved or along a single streambank when one streambank is involved, or measured across the watercourse, from top of bank to top of bank, when the project extends transversely across the watercourse. |
| <input type="checkbox"/> | <input type="checkbox"/> | 3. If you are applying for a DEP General Permit, does your project, including the acreage of any previously authorized activities, involve the permanent loss of 0.25 acres or more of wetlands? (If not applying for a General Permit, check NO). |
| <input type="checkbox"/> | <input type="checkbox"/> | 4. Has any work associated with your project been previously authorized by the United States Army Corps of Engineers (Corps) or DEP?
If you check YES, please check the appropriate box(es) and include the authorization or permit number(s) and the date of issuance(s) with your application/registration form(s).
<input type="checkbox"/> Corps Nationwide Permit _____
<input type="checkbox"/> Corps Individual Permit _____
<input type="checkbox"/> Corps Pennsylvania State Programmatic General Permit _____
<input type="checkbox"/> DEP General Permit _____
<input type="checkbox"/> DEP Small Projects Permit _____
<input type="checkbox"/> DEP Individual Permit _____
<input type="checkbox"/> DEP Dam Permit _____
<input type="checkbox"/> DEP Waiver of Permit Requirements _____ |
| <input type="checkbox"/> | <input type="checkbox"/> | 5. Does your project involve the construction or expansion of a residential, commercial or institutional subdivision or development? If you check YES, answer question 6. |
| <input type="checkbox"/> | <input type="checkbox"/> | 6. Does greater than 0.25 acres of wetlands, not including those being directly impacted as part of this application, exist within the property boundary? If you check YES, provide acreage (_____ acres of wetlands) and answer question 7. |
| <input type="checkbox"/> | <input type="checkbox"/> | 7. Are you proposing to protect the wetland area(s) from secondary or indirect impacts, including but not limited to filling, draining, mowing, cutting or clearing through a deed restriction or conservation easement that follows the Model Conservation Instruments developed for the PASPGP-3. This model Conservation Instrument should be duly recorded and run in perpetuity with the land. If you check YES, attach a copy of the proposed deed restriction or conservation easement to this form and submit with your application/registration form. Model Deed Restriction and Conservation Easement templates are available at www.nab.usace.army.mil/Deed_Restriction/ . |



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DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATERSHED MANAGEMENT
WATER OBSTRUCTION AND ENCROACHMENT

GENERAL PERMIT REGISTRATION

DEP USE ONLY

Acknowledged Date _____

GP _____

GP _____

GP _____

PASPGP-3 Authorization included:

☐ YES ☐ NO

CHAPTER 105 GENERAL PERMITS

PLEASE CHECK ALL THAT APPLY:

- ☐ GP-1 – Fish Habitat Enhancement Structures
☐ GP-2 – Small Docks & Boat Launching Ramps
 Please check one of the boxes below if utilizing GP-2, (See Part 1, Section C):
☐ private recreational dock
☐ public access facility
☐ public service facility
☐ other private or commercial facility

- ☐ GP-3 – Bank Rehabilitation, Bank Protection & Gravel Bar Removal
☐ GP-4 – Intake and Outfall Structures
☐ GP-5 – Utility Line Stream Crossing
☐ GP-6 – Agricultural Crossings & Ramps
☐ GP-7 – Minor Road Crossings
☐ GP-8 – Temporary Road Crossings
☐ GP-9 – Agricultural Activities
☐ Activity Related to Oil and Gas Exploration and Production

SECTION A. APPLICANT INFORMATION

Check One: ☐ New Permit ☐ Transfer of Existing Permit – complete Sections A, C & E and transfer form - 3930-PM-WM0016

Applicant Name

Contact Person Last Name First Name MI Telephone
()

Mailing Address City State Zip + 4

Email Address

SECTION B. CONSULTANT (if different than above)

☐ N/A

Consultant - Last Name First Name MI

Consulting Firm

Mailing Address City State Zip + 4

Telephone FAX Email
() ()

SECTION C. PROJECT INFORMATION

Project Name

Site Location City State Zip + 4

Municipality City Borough Township County
☐ ☐ ☐

How many acres of earth disturbance will occur as a result of this project?

☐ Less than one acre ☐ 1-5 acres ☐ 5 acres or more

Detailed Written Directions to Project Site:

Project Description (briefly describe your project):

SECTION D. COMPLIANCE REVIEW

Yes No

☐ ☐ Is the applicant (owner and/or operator) currently in violation of any permits issued by the Department?

If yes, please provide:

1. Permit Number: _____

2. Nature of the violation (if any): _____

3. Status of violation (i.e., schedule for compliance, etc.): _____

SECTION E. CERTIFICATION

I certify that the information provided in this permit registration is true and correct to the best of my knowledge and information.

Signature of Permittee
(Person Responsible for Installation, Operation
and Maintenance of Authorized Activity)

Date

Type or Print Name

PA Fish and Boat Commission Approval (for GP-1 only)

Signature

Date

SECTION F. REGISTRATION CHECKLIST

In order to register to use this General Permit, provide the following information to DEP or the delegated County Conservation District:

- ☐ I (we) have notified the Municipality and County.
- ☐ Completed Permit Registration Form.
- ☐ Completed Project Screening Form Questionnaire.
- ☐ LOCATION MAP. An 8 ½" by 11" photocopy of a portion of the U.S.G.S. 7 ½ Minute Quadrangle Map with the project site marked.
- ☐ Sketch plan or other site drawing that provides the necessary information.
- ☐ Project cross-section drawing (where required). (General Permits 2, 3, 4, 5, 6, 7 and 8)
- ☐ Completed copy of a PNDI Form with initialed Search Receipt.
- ☐ Color photographs. (General Permit 3 only)
- ☐ PA Fish and Boat Commission approval. (General Permit 1 only)

- ☐ Bog Turtle Habitat Screening Form (where required). This screening is required for General Permits 5, 6, 7, 8, and 9 which may impact wetlands in the following counties: Adams, Berks, Bucks, Carbon (Aquashicola Creek Watershed only), Chester, Cumberland, Delaware, Lancaster, Lebanon, Lehigh, Monroe, Montgomery, Northampton, Schuylkill (Swatara Creek Watershed only) and York

☐ N/A

For activities which permanently impact wetlands (General Permit No. 7 Minor Road Crossing):

- ☐ N/A
- ☐ A wetland delineation with completed 1987 Corps of Engineers Wetland Delineation Manual data forms.
- ☐ If wetland impacts are greater than 0.05 acres, a wetland replacement plan in accordance with the Department's replacement criteria which provides wetland replacement at a one to one acre ratio.

If wetland replacement onsite is not feasible:

- ☐ A check, number _____, in the amount of \$_____ payable to the National Fish and Wildlife Foundation, Project 95-096 as compensatory mitigation for _____ acres of impact in wetlands, in accordance with the PADEP Wetland Replacement Project.

Fee Schedule -	Deminimus impact less than or equal to .05 acre	-	\$ 0.00
	Greater than .05 acre to .10 acre	-	\$500.00
	Greater than .10 acre to .20 acre	-	\$1,000.00
	Greater than .20 acre to .25 acre	-	\$2,500.00

AN ACKNOWLEDGED COPY OF THIS GENERAL PERMIT AND THE APPROVED EROSION AND SEDIMENT CONTROL PLAN MUST BE AVAILABLE AT THE PROJECT SITE DURING CONSTRUCTION.

REGISTRATION FORM

(continued)

Applicant Name _____

SKETCH PLAN

To ensure the sketch plan is complete, include the following on the site plan in the immediate vicinity of the project.
(√ all that apply)

YES	N/A		YES	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	Stream Impacts with Dimensions	<input type="checkbox"/>	<input type="checkbox"/>	Stream Name _____
		Total Length _____	<input type="checkbox"/>	<input type="checkbox"/>	Chapter 93 Stream Designation _____
		Total sq. ft. _____			
<input type="checkbox"/>	<input type="checkbox"/>	Wetland Impacts	<input type="checkbox"/>	<input type="checkbox"/>	Location of Property Lines Relative to the Project
		Total _____ sq. ft.	<input type="checkbox"/>	<input type="checkbox"/>	Existing Utilities
<input type="checkbox"/>	<input type="checkbox"/>	Wetland Acreage Onsite _____	<input type="checkbox"/>	<input type="checkbox"/>	Proposed Utilities
<input type="checkbox"/>	<input type="checkbox"/>	Stream Limits and Flow Direction	<input type="checkbox"/>	<input type="checkbox"/>	Existing Buildings, Roadways, Other Structures
<input type="checkbox"/>	<input type="checkbox"/>	Floodway Limits (if known)	<input type="checkbox"/>	<input type="checkbox"/>	Proposed Buildings, Roadways, Other Structures
<input type="checkbox"/>	<input type="checkbox"/>	Limits of Earth Disturbance	<input type="checkbox"/>	<input type="checkbox"/>	Other Waters (i.e. pond, lakes)
		Associated with this Activity			

Scale 1" = _____ ft.

REGISTRATION FORM

(continued)

Applicant Name

**PROJECT
CROSS SECTIONS AND PLAN VIEWS**

Required for General Permits 2, 3, 4, 5, 6, 7 and 8

Provide a cross section and plan view of the project (see sample drawings attached to the permits) showing the dimensions of the waterway opening, area of fill materials used, and other pertinent information necessary to accurately depict the scope of your project.



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:

Address:

Phone Number:

Fax Number:

Contact Person Information - if different from applicant

Name:

Address:

Phone Number:

Fax Number:

Project Information

Project Name:

Project Location:

Municipality:

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:

Project Description

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

Total Acres of Property:

Acreage to be Impacted:

1. Will the entire project occur in or on an existing building, parking lot, driveway, road, maintained road shoulder, street, runway, paved area, railroad bed, or maintained lawn? Yes ☐ No ☐
2. Are there any waterways or waterbodies (intermittent or perennial rivers, streams, creeks, tributaries, lakes or ponds) in or near the project area, or on the land parcel? If so, how many feet away is the project?
Yes ☐ Feet No ☐
3. Are wetlands located in or within 300 feet of the project area? Yes ☐ No ☐ If No, is this the result of a wetland delineation?

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
400 Market St., PO Box 8552
Harrisburg, PA 17105
fax: 717-772-0271

PA Game Commission
Bureau of Land Management
2001 Elmerton Avenue
Harrisburg, PA 17110-9797
fax: 717-787-6957

PA Fish and Boat Commission
Natural Diversity Section
450 Robinson Lane
Bellefonte, PA 16823
fax 814-359-5175

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

How to Use the PNDI Project Planning & Environmental Review Form

How do I access the PNDI Environmental Review Tool?

Visit www.naturalheritage.state.pa.us. Click on "PNDI Project Planning and Environmental Review" on the bottom left corner of the homepage to access the tool. Follow this link to access the ER Tool and for step-by-step instructions on using the ER Tool, FAQ's and access to an electronic version of the PNDI Form.

When do I use this form?

1. Before conducting the PNDI online search

The Applicant can complete the PNDI Form and submit it to the person conducting the online PNDI Project Planning and Environmental Review Tool search. This person performing the search could be someone from DEP, the County Conservation Districts, or a consultant. Alternatively, if the Applicant plans to conduct the PNDI online search his or herself—a search form is not needed prior to the PNDI online search.

2. After conducting the PNDI online search

If your PNDI Project Environmental Review Receipt has "Potential Impacts," DEP and the jurisdictional agencies require that you submit additional information to the agencies noted on the Receipt for further review. Please send a copy of the PNDI Receipt, a completed PNDI Form, and a USGS 7.5 minute quadrangle map with project boundaries delineated on the map to the agencies referenced on your PNDI Receipt.

3. If your Project is a "Large Project"—too large/long to search on the online system

Projects are considered "Large Projects" when the ENTIRE project is:

- Linear/Large Projects that exceed map limits: approximately 2-2.84 miles depending on browser size
- Projects that will not fit on 1:24,000 scale map. Project Maximums: 1024 x 768 browsers: 2625 acres; 15,000 feet long x 7600 feet wide; approximately 2.84 miles 800 x 600 browsers: 1050 acres; 11,000 feet long x 4000 feet wide; approximately 2 miles
- Township-wide, Countywide or Statewide Projects. Examples: Act 537 Sewage Plans, Wind Farms, Roadway Improvements exceeding map limits above.

For "Large Project" review, please forward a completed PNDI Form and a USGS 7.5 minute quadrangle with project boundaries and quad name marked on the map to DCNR, PFBC, PGC, and USFWS (contact information on page 1 of form). Due to system limitations and agency requirements, projects should not be submitted piecemeal. The entire project area including roads and infrastructure should be submitted as a single unit.

PNDI Form Definitions

Applicant: Person that owns the property or is proposing the project or activity

Contact Person: Person to receive response if different than applicant (e.g. Consultant)

Project Name: Descriptive title of project (e.g. Twin Pines Subdivision, Miller Bridge Replacement)

Project Location: Description of actual location (e.g. Intersection of Smith and Clay Rd., Latitude & Longitude)

Proposed Activity: Include ALL earth disturbance activities for project (e.g. for a timber sale—include stream crossings, cutting areas and new roadway accesses). Also include Current Conditions (e.g. housing, farmland, current land cover), and how Construction/Maintenance Activity is to be accomplished

Total Acres of Property: Entire site acreage (e.g. timber sale property—including road access (200 acres))

Acreage to be Impacted: Disturbance acreage (e.g. timber sale—if the property is 200 acres, but only 100 acres will be disturbed, for example: cutting on 90 acres, a road impacting 10 acres); include all temporary and permanent activities

The first part of the paper discusses the importance of the study of the history of the English language. It is a branch of linguistics which deals with the changes in the language over time. The study of the history of the English language is important for several reasons. First, it helps us to understand the development of the language and the factors which have influenced it. Second, it helps us to understand the relationship between the English language and other languages. Third, it helps us to understand the cultural and social context in which the language has developed.

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Real Estate
Suite 400 Windsor Station
1100 de la Gauchetière W
PO Box 6042 Station Centre-ville
Montréal QC H3C 3E4
Tel 514 395 5127 Fax 514 395 6399

Groupe Immobilier
Bureau 400 Gare Windsor
1100 de la Gauchetière O
Case postale 6042 Succursale Centre-ville
Montréal QC H3C 3E4
Tél 514 395 5127 Fax 514 395 6399



**CANADIAN
PACIFIC**

**CANADIEN
PACIFIQUE**

November 12, 2010

Our File: XW (1009) 668,624.9

Mr. Dale Harper
LASER NORTHEAST GATHERING COMPANY LLC
333 Clay Street, Suite 4500
Houston Texas 77002

**SUBJECT: Underground Natural Gas Main Line
Crossing Permit**

Dear Mr. Harper:

Please find enclosed a fully executed copy of the above-mentioned Agreement.

Kindly do not hesitate to contact us if you require any further information.

Yours truly,

Jo-Anne Hayward
Agreement Administrator
Real Estate

UNDERGROUND NATURAL GAS MAIN LINE CROSSING PERMIT

THIS AGREEMENT, made and entered into as of the 30th day of August, 2010, by and between, **DELAWARE AND HUDSON RAILWAY COMPANY, INC.**, also doing business as Canadian Pacific Railway Company, P.O. Box 8002, Clifton Park, NY 12065, party of the first part, hereinafter called "Railway Company", and **LASER NORTHEAST GATHERING COMPANY LLC**, with offices at 333 Clay Street, Suite 4500, Houston, Texas, 77002, U.S.A., party of the second part, hereinafter called "Licensee".

WITNESSETH:

1. The Railway Company grants to the Licensee permission to install and maintain a 16 inch natural gas main line under our ROW, extending under and across the Railway Company's ROW at Railroad Mile Post 624.9 of the Railway's Freight Main Line in the Township of Great Bend, County of Susquehanna and State of Pennsylvania, the location of the natural gas main line crossing being indicated on plan no. A09502105PA Revision A dated April 13, 2010 hereto attached, and hereinafter collectively called "facilities", subject to the conditions hereinafter set forth.
2. The Licensee shall pay the Railway Company the sum of two hundred twenty five DOLLARS (\$225.00) per annum, payable in advance as rental for the permission herein granted, and shall assume and pay all taxes and assessments that may be levied or assessed against the facilities, or against the Railway Company's property by reason of the location of said facilities thereon. While this agreement remains in effect, the Railway Company reserves the right to adjust said rental after the first year upon thirty (30) days written notice prior to the anniversary date of this agreement. This provision for payment shall in no way restrict the Railway Company's right of termination under Paragraph 13 hereof. In addition to the above rental the Licensee shall pay the Railway Company a Preparation fee of FIVE HUNDRED DOLLARS (\$500.00) to cover the cost of processing this agreement.
3. The Licensee shall also pay to the Railway Company upon execution of this agreement a non-refundable one-time fee of one thousand six hundred DOLLARS (\$1,600.00) to cover anticipated future inspection and maintenance to be performed by the Railway Company as a result of the existence of the facilities under and across the property of the Railway Company.
4. That before the Licensee, and/or its contractor, shall enter upon the property of the Railway Company, the Licensee and/or its contractor will obtain and keep in full force and effect during the installation of the facilities under and across the property of the Railway Company, a Railroad Protective Liability Insurance Policy from a recognized insurance company acceptable to the Railway Company to protect the Railway Company from the liability assumed by the Licensee under the provisions of paragraph 10 herein, and having Delaware and Hudson Railway Company, Inc. and Canadian Pacific Railway named as insureds therein. Such insurance shall



Handwritten signature in blue ink, likely of a representative of the Licensee, Laser Northeast Gathering Company LLC.

provide limits of not less than TWO MILLION DOLLARS (\$2,000,000.00) per person, SIX MILLION DOLLARS (\$6,000,000.00) per occurrence, SIX MILLION DOLLARS (\$6,000,000.00) aggregate for property damage liabilities. The Licensee agrees that at least thirty (30) days prior to commencement of any work on property of the Railway Company, the Licensee shall furnish the original of said insurance policy to the Railway Company for review and approval of the Railway Company. It is also understood that all insurance required and provided pursuant to this paragraph is in aid of, but not in lieu of, nor in substitution for, the liability and obligations of the Licensee provided for in paragraph 10 herein.

5. The Licensee, after first securing the necessary public authority, shall at the Licensee's sole expense install and thereafter maintain the facilities under and across the Railway Company's property and underneath any railroad tracks located thereon at the above described location, in a manner satisfactory to the Railway Company's Technical Services Engineer, and in strict conformity with the requirements of all laws, ordinances and orders of competent public authority now existing and future modifications thereof, so as not to endanger the safety of railroad or other operations upon said property and so as not to endanger the safety of the persons or property near or adjacent to the Railway Company's property.

6. The Licensee shall be responsible for determining the location and existence of any pipes, wires, conduits, sewers, piling or other obstructions to the construction of Licensee's facilities and shall indemnify Railway Company for any and all liability for damage to the foregoing pipes, wires, conduits, sewers, piling or other obstructions, if any, caused by the construction or maintenance of Licensee's facilities. The Railway Company makes no representation by the granting of this agreement that its property is free of any such pipes, wires, conduits, sewers, pilings or other obstructions.

7. The Licensee shall not carry on any work in connection with the installation, maintenance, repair, changing or renewal of the facilities, underneath or in close proximity to any railroad track at the above described location before giving the Technical Services Engineer at least fourteen (14) days' written notice at his headquarters located at P.O. Box 8002, Clifton Park, NY 12065, and not until an authorized representative of the Railway Company shall be present to supervise same. Upon bills being rendered therefor, the Licensee shall promptly reimburse the Railway Company for all expenses incurred by it in connection with such supervision, including all labor costs for flagpersons supplied by the Railway Company to protect railroad operations, and for the entire cost of the furnishing, installation and later removal of any temporary supports for said tracks, which said Technical Services Engineer or his authorized representative may consider necessary while such work is in progress.

8. The Licensee at the Licensee's sole expense, whenever notified to do so, shall promptly make such repairs to or changes in the facilities, including change in location, as said Technical Services Engineer, or his authorized representative, shall for any reason consider necessary and require. The Railway Company shall have the right, at its election, to make emergency repairs to the facilities, and in such event the Licensee, upon bills being rendered therefor, will promptly reimburse the Railway Company for all expenses incurred in connection therewith.

Handwritten signature: *[Signature]*

9. Maintenance and use of the facilities under and across the Railway Company's property at the above described location, however long continued, shall not vest in the Licensee any rights adverse to those of the Railway Company.

10. The Licensee shall assume all risk of damage to or destruction of the facilities through any cause whatsoever while located under and across the Railway Company's property, and shall at all times fully indemnify the Railway Company against all liability, claims, demands, suits, judgments, costs and expenses by reason of loss or damage to property and injury to or death of persons whatsoever or whomsoever, in any manner arising from or growing out of, directly or indirectly, wholly or in part, the design, installation, maintenance, repair, changing, renewal, existence or removal of the facilities under and across the Railway Company's property at the above described location.

11. The waiver by the Railway Company of a breach by the Licensee of any provision hereof, shall be limited to the act or omission constituting such breach, and shall not constitute a continuing or permanent waiver.

12. This agreement or the permission herein granted shall not be assigned or transferred by the Licensee to any person, party or entity (except in case of reorganization, merger or general sale by the Licensee of its properties) without the written consent of the Railway Company. Subject thereto, this agreement shall inure to the benefit of, and be binding upon, the successors, assigns and legal representatives of the respective parties.

13. This agreement shall continue in effect until terminated by either party upon thirty (30) days' written notice to the other party. Any notice given by the Railway Company hereunder shall be good if deposited in a United States post office, certified mail, addressed to the Licensee at the Licensee's last known address.

14. The Licensee upon termination of this agreement, or upon permanent abandonment of the facilities, shall at its sole expense promptly remove the facilities from the Railway Company's property, and restore said property to proper condition. If the Licensee shall fail to do so, the Railway Company shall then have the right to effect such removal and restoration, in which event the Licensee shall promptly reimburse the Railway Company for all costs incurred in connection with such removal and restoration.

15. The Railway Company shall not be required to assume any portion of the cost of the construction of said facilities or future maintenance thereof.

16. In entering into this License, the Parties acknowledge and agree that nothing herein shall be construed as conveying or creating any right or ownership interest in the Licensed Premises. This License constitutes permission to Licensee to gain access to the Licensed Premises only. Neither this License nor a memorandum thereof may be recorded.

17. The Railway Company does not warrant title or ownership in or to the Licensed Premises nor does the Railway Company warrant to the Licensee that it shall have the right to quietly enjoy, use or occupy the Licensed Premises.

A handwritten signature in black ink, appearing to be "P. A. [unclear]", is located in the bottom right corner of the page.

18. Nothing in this License shall be construed as obligating or requiring the Railway Company to continue to own or provide rail service on any railroad line or property nor shall anything contained in this License be construed as forbidding the Railway Company from abandoning any such line or property.

IN WITNESS WHEREOF, the parties hereto have caused this agreement to be duly executed as of the day and year first above written.

Witnesses:

**DELAWARE AND HUDSON RAILWAY
COMPANY, INC.**

By 

Constance Contant
Manager - Real Estate Marketing
Quebec and D&H



**LASER NORTHEAST GATHERING
COMPANY LLC**

By 

NOT ASSIGNABLE WITHOUT CONSENT

NOT TO BE RECORDED IN PUBLIC RECORDS



**CANADIAN
PACIFIC
RAILWAY**

PO Box 8002
200 Clifton Corporate Park
Clifton Park NY
12065

Tel (518) 383-7200
Fax (518) 383-7250

August 6, 2010
M371

Mr. Dale Harper
Laser Northeast Gathering Company, LLC
333 Clay Street
Suite 4500
Houston, Texas 77002

RE: LASER NORTHEAST GATHERING COMPANY, LLC PROPOSED 16 IN
NATURAL GAS MAIN LINE INSTALLATION UNDER THE DELAWARE &
HUDSON RAILWAY CO., INC. AT MP624.9, GREAT BEND TOWNSHIP,
SUSQUEHANNA COUNTY, PA.

Dear Mr. Harper;

Please refer to the plan, profile and pipeline data information submitted with your letter dated July 21, 2010 concerning the proposed natural gas main installation.

After reviewing the plan, profile and pipeline data information for this project, the proposed 16 in natural gas main installation is acceptable to the Railway.

I will, by copy of this letter, request the Area Real Estate Manager, Mr. Sylvain Larivee, prepare an agreement as required to permit this installation. Should there be a need to contact Mr. Larivee with regards to this agreement he can be reached at 514-395-5719.

Please insure that the CP/D&H regulations and safety requirements for outside contractors working within Railway property are made available to the contractor who will be performing this work as they contain safety and insurance requirements which must be satisfied prior to work within Railway property.

Once the agreement is fully executed and the required insurance coverage's are in place we can coordinate scheduling of the work with the contractor and required Railway flagman.

Should you have any questions please contact me at 518-383-7240 or 518-424-0642.

Sincerely,

George A. Berard

George A. Berard
Public Works Specialist

cc: Sylvain Larivee



July 21, 2010

Mr. George A. Beard
Public Works Coordinator
Canadian Pacific Railway/Delaware and Hudson Co., Inc.
P.O. Box 8002
200 Clifton Corporate Park
Clifton Park, NY 12065

Re: Canadian-Pacific Railroad Crossing by Laser Northeast Pipeline – Susquehanna Co, PA.

Mr. Beard:

Please find enclosed an application for permit to cross under the Canadian / Pacific Railroad in Susquehanna County, PA. Enclosed is the following information:

- Project Description
- Pipeline Crossing Data Sheet
- Plan and Profile of the Crossing
- Aerial View of the Pipeline – R/R Crossing
- Fee Structure as it pertains to this permit
 - Enclosed is a check for \$500.00

Per the flow chart for crossing approval, this information is submitted to complete the process down to "Engineering Review and Approval" which has simultaneous input from your Real Estate group. We have reviewed both Appendix I and II and will forward them to the boring contractor, once they have been chosen.

Please feel free to call me if you have any questions.

Best regards,

Dale Harper
VP Engineering
Laser Northeast Gathering Company, LLC

cc: I.J. "Chip" Berthelot, II
Paul Wilson
Curtis Stevens
Vince Bonaddio

PIPELINE CROSSING DATA SHEET

Laser Northeast Gathering PL Crossing Canadian Pacific R/R

	Carrier Pipe	Casing Pipe
Contents to be Handled	Natural Gas	N/A
Outside Diameter	16.000 inches	N/A
Pipe Material	Steel	N/A
Specification and Grade	API 5L, ERW, X65	N/A
Wall Thickness	0.375 inches	N/A
Actual Working Pressure (max)	1,440 psig	N/A
Type of Joint	Welded, X-rayed	N/A
Coating	14-16 mils FBE + 30 mils ARO	N/A
Method of Installation	Horizontally Directional Drilled	N/A

Vents: Number – N/A

Seals: Both Ends – N/A

Bury: Base of Rail to top of Pipe 44 ft - in.

Bury: (Not beneath tracks) N/A ft - in. *[see profile for depths beyond R/R ROW]*

Bury: (Beneath Railway ditches) 41 ft – in.

Distance C.L. track to face of jacking/receiving pits: N/A

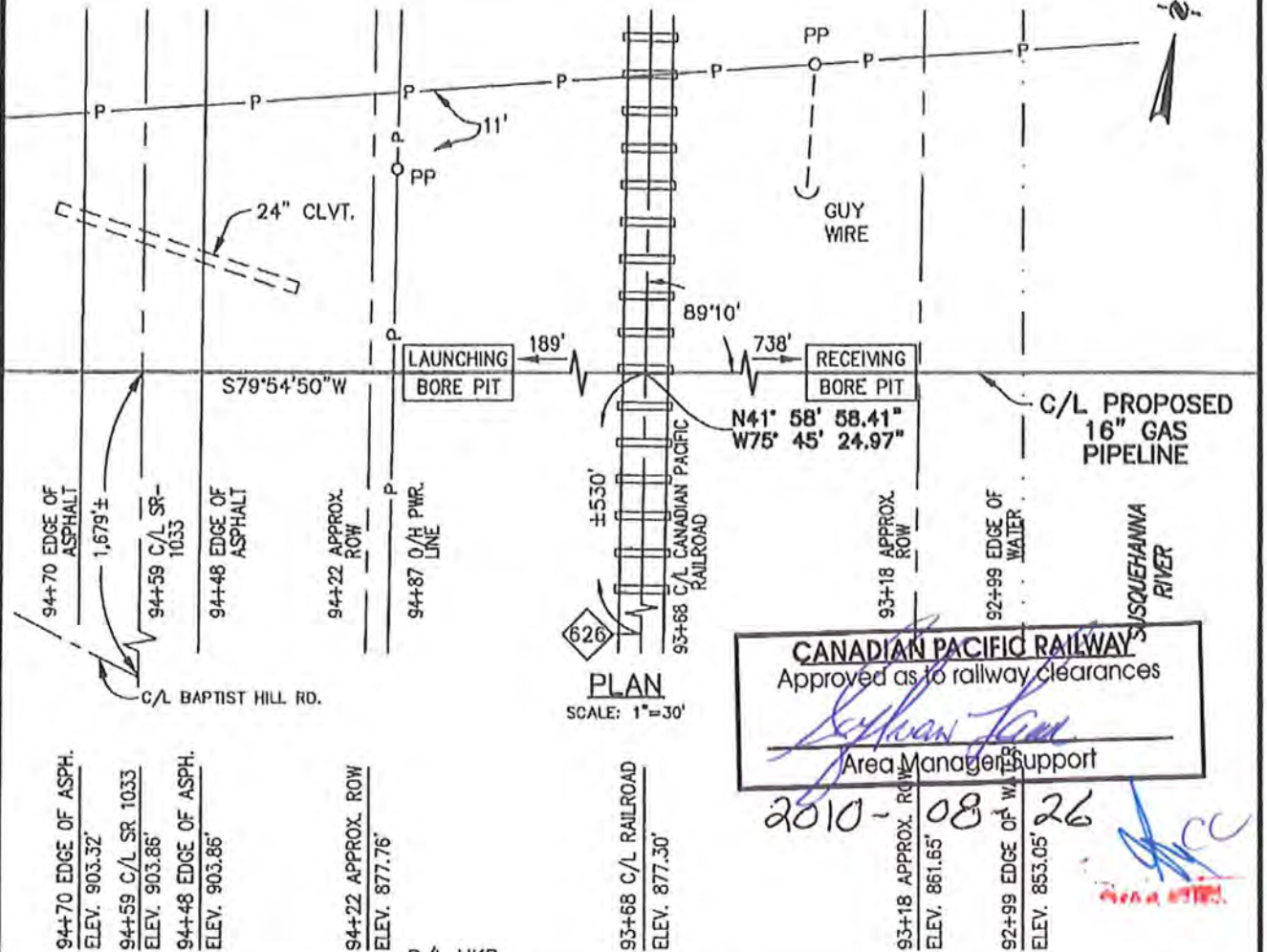
[189 ft to bore pit to the West; 738 ft to bore pit to the East from track C.L.]

Elev. Distance: Base of rail to bottom jacking/receiving pits: N/A

Cathodic protection? Yes

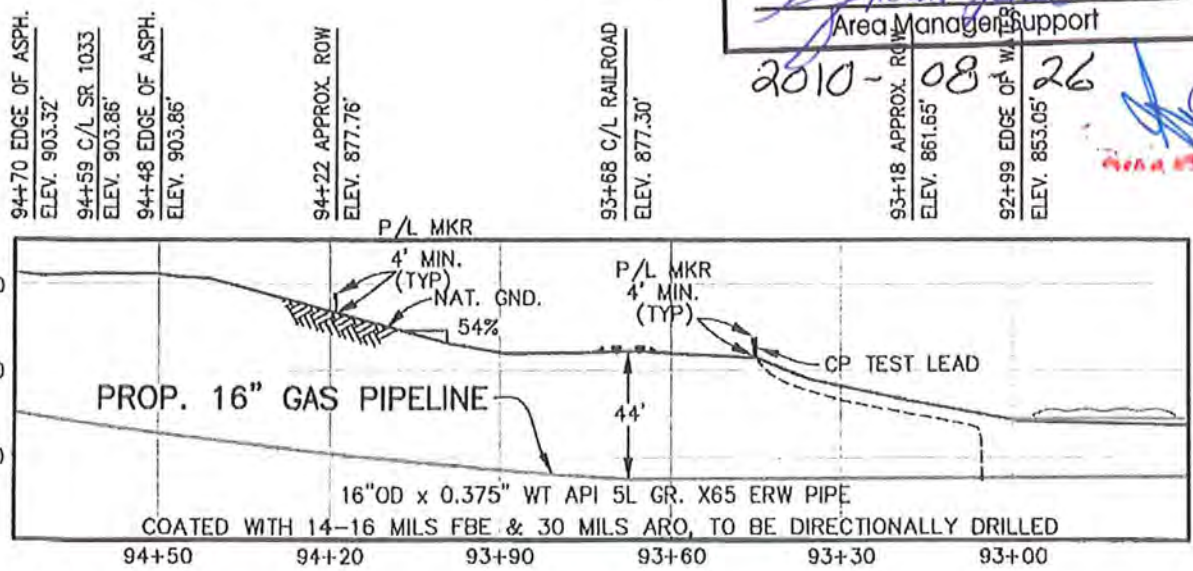
SUSQUEHANNA COUNTY, PENNSYLVANIA

GREAT BEND TOWNSHIP



CANADIAN PACIFIC RAILWAY
Approved as to railway clearances
[Signature]
Area Manager Support

2010-08-26



12.4' RT. @ STATION 83+69,
APPROX. EL. 908.86'

REVISION		
NO	DATE	DESCRIPTION
A	4-13-10	ISSUED FOR REVIEW

PRO PLUS, INC.
Full Service Engineering
11160 S. Wilcrest, Suite 101
Houston, Texas 77099
(281) 608-9200
FAX: (281) 608-9900

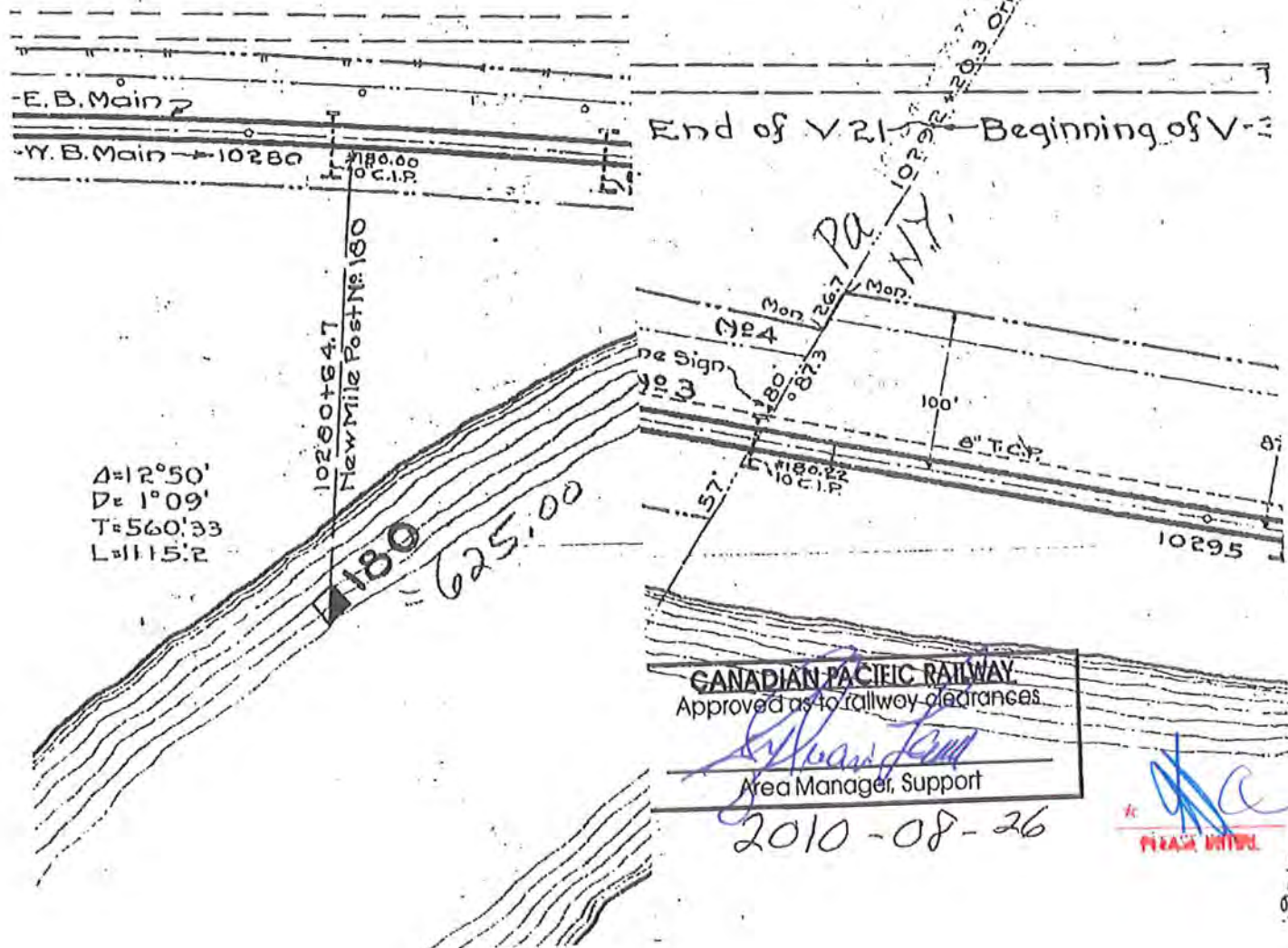
SCALE AS SHOWN	
DRAWN	DATE
CHK'D	DATE
APPROVED	DATE
PRO PLUS JOB NO.	0950
ATE/P.O. NO.	
CLIENT FILE NO.	
PRO PLUS FILE NO.	A09502105PA

LASER NORTHEAST GATHERING COMPANY, LLC	
TITLE	
PROPOSED 16" GAS LASER NORTHEAST PIPELINE CROSSING OF CANADIAN/PACIFIC RAILROAD SUSQUEHANNA COUNTY, PENNSYLVANIA	
NO.	REV.
A09502105PA	A

PLOTTED BY: CLS DATE: 7-20-10 TIME: 17:20

FILE PATH: A09502105PA

GREAT BEND
SUSQUEHANNA
PENNSYLVANIA



CENTRAL NEW YORK RAILROAD CORPORATION

*1 Railroad Avenue
Cooperstown, New York 13326
(607) 547-2555, x. 201
(607) 547-6249 (Fax)
nsteckler@nysw.com*

November 02, 2010

Mr. Dale Harper
Laser Northeast Gathering Company, LLC
333 Clay Street, Suite 4500
Houston, TX 77002

Re: License Agreement #CNY 075
Installation of a 16" natural gas line crossing
RR MP 198.60+/-; located in the Boro of Great Bend

Dear Mr. Harper:

Enclosed, please find one (1) fully executed copy of the license agreement referenced above.

As you will note, the agreement has been assigned to number CNY 075.

It is imperative that this number be referenced on any and all future payments, correspondence, inquiries, anything relating to this agreement.

I have been instructed by our Engineering Department to notify you that the agreement number which has been assigned, (as stated above) **MUST BE AVAILABLE AND REFERENCED WITH ANY INSTANCE PERTAINING TO THIS AGREEMENT.**

Please furnish this number to your insurance company and instruct the agent that this number must be referenced on the Certificate of Insurance prior to submitting to this office.

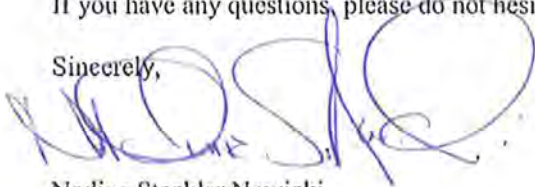
As stated in agreement, please contact our Engineering Department at ext. 261 should flagging services or any other Engineering services be required.

Also, as previously discussed, if a contractor is hired to perform the work, said contractor must obtain an Entry Permit and meet safety requirements from this office before entering upon Railroad property.

There is a standard entry permit fee of \$1,575.00, and Engineering may be requiring an advance payment. I will need the contractor's name, address, phone number and contact name.

If you have any questions, please do not hesitate to contact me at the number listed above, ext. 201.

Sincerely,



Nadine Steckler Nowicki
Manager of CNY Leases, Licenses & Entry Permits

Enc.

cc: Richard Hensel – V.P. Engineering

LICENSE AGREEMENT

#Cny 075

THIS AGREEMENT, entered into this first day of November, 2010, by and between CENTRAL NEW YORK RAILROAD CORPORATION, 1 Railroad Avenue, Cooperstown, New York, hereinafter called Licensor, and **LASER NORTHEAST GATHERING COMPANY, LLC**, whose mailing address is 333 Clay Street, Suite 4500, Houston, Texas 77002, hereinafter called Licensee;

WITNESSETH THAT:

WHEREAS, the Licensee desires the license or privilege of constructing, installing and maintaining a 16" natural gas line crossing under RR ROW located in the Boro of Great Bend; RR MP 198.60+/- County of Susquehanna, State of PA all referenced attached as exhibit, (Hereinafter the "Installation"). Said Installation shall be substantially the location and position shown outlined in red, and in accordance with details and specifications as set forth on drawing hereto attached made a part hereof entitled "Exhibit A"; and

WHEREAS, said Licensor is the owner in fee of, or the holder of rights of way to, the property where such Installation shall be installed, and willing to give said license or privilege on the following terms and conditions:

NOW, THEREFORE, in consideration of the premises and of the mutual covenants and conditions hereinafter set forth, is understood and agreed as follows:

FIRST: The Licensor hereby gives to Licensee, upon and subject to the terms of this agreement the license or privilege of constructing, installing and maintaining at the location aforesaid, the Installation, with the privilege of entering upon said purpose of constructing, renewing, repairing, relocating or removing the same.

SECOND: All work in connection with the construction, and maintenance of said Installation on said premises, and the removal of the same there from at the termination hereof shall be done at the exclusive cost and expense of Licensee in such manner as not to interfere with or impair the safe and continuous operation of the railroad of Licensor subject to the acceptance and approval of the Vice President of Engineering or other proper officer of Licensor, and Licensee shall give Licensor advance notice of the time when any work is to be done by Licensee on lands and right of way of Licensor, and except in case of emergency, shall give such notice at least five (5) days prior to commencing such work.

THIRD: Licensee shall construct, install and maintain said Installation on said premises in such location and position as shown on "Exhibit A" and in such manner as will be satisfactory to Licensor; shall make such changes in the location of the same from time to time as may, in the opinion of the Vice President of Engineering, or other proper officer of the Licensor, be necessary to avoid interference with such use of Licensor's lands and right of way as Licensor may desire to make; shall, upon the presentation of bill or voucher, repay to Licensor any and all cost and expenses incurred by Licensor for or in any way connected with the supporting and protecting of Licensor's tracks and other property during the work of constructing, repairing renewing, relocating, or removing said Installation from said premises, shall restore said premises to the same or as good condition as before said work was commenced; all of the work in connection with such changes, removal and restoration to be done at the sole cost and expense of Licensee.

FOURTH: Licensee agrees to construct, install and maintain said Installation in such manner as will fully comply with the provisions of any laws, ordinances or other lawful authority, obtaining any and all permits and performing all acts required thereby and paying all taxes, assessments or fees levied or assessed pursuant thereto as to said Installation, and to save Licensor harmless from any failure so to do.

FIFTH: Licensee shall pay for the license or privilege herein given the sum of Twenty Five Hundred Dollars (\$2,500.00) per year (or for any fractional part thereof, in case of termination hereof or removal of said Installation prior to the end of any year) payable yearly in advance to Central New York Railroad Corporation at 1 Railroad Avenue, Cooperstown, New York 13326. The aforesaid sum shall be increased yearly by an amount equal to the Price Index. In addition, Licensee shall pay to the Licensor for the preparation of this Agreement the sum of Nine Hundred Seventy Five Dollars (\$975.00) payable upon execution and delivery hereof. The right and privilege hereby granted shall become effective as of the date of execution. Late payment of rent shall result in a late payment fee of 2.8% per month or any portion thereof.

SIXTH: Licensee agrees to release, indemnify, protect and save harmless Licensor from and against any and all loss of life or property, or injury or damage to the person or property of any person, firm or corporation (including the parties hereto and their respective officers, agents and employees) and from and against any and all claims, demands or actions for such loss, injury or damage, and any costs or expenses in connection therewith, caused by or growing out of the construction, existence, use, maintenance, repair, renewal, change or relocation, or removal of said Installation by Licensee.

SEVENTH: The Licensee shall provide public liability and property damage liability insurance at the cost and expense of the Licensee, subject to the following.

1) To pay on behalf of the Licensee all sums up to Three Million Dollars (\$3,000,000) which the Licensee shall become obligated to pay by reason of the liability imposed upon the Licensee by law or assumed by it under this agreement for all damages, including damages for care and loss of service arising out of bodily injury including death at any time resulting therefrom.

2) To pay on behalf of the Licensee all sums up to Three Million Dollars (\$3,000,000) which the Licensee shall become obligated to pay by reason of the liability imposed upon the Licensee by law, or assumed by it under this agreement, for damages arising out of injury to or destruction of property in any one accident, without aggregated limit during the policy period.

Such policy or policies of insurance shall also provide for giving to the Vice President of Engineering of the Railway Company at 1 Railroad Avenue, Cooperstown, New York, at least thirty (30) days' prior written notice of the cancellation thereof or of any modification therein.

EIGHTH: If Licensor shall at any time during the continuance of this agreement construct any additional tracks or other structures over or near said Installation which shall in any way interfere with said Installation or require removal or change in any way the location of said Installation, the cost of such interference, removal or change of location shall be borne exclusively by Licensee, and the provisions of this agreement shall apply in like manner after such additions are made.

NINTH: The license or privilege hereby given may be revoked, canceled and terminated at any time by Licensor by giving thirty (30) days notice, in writing to that effect, which notice may be served personally or by mail directed to the Licensee at the address aforesaid, and upon the expiration if the time limited in such notice, all rights of Licensee to further maintain said Installation on said premises shall immediately cease and determine and, if said Installation has not been removed from said premises, Licensor may remove the same and charge the cost and expense to Licensee, which the latter hereby agrees to pay on presentation of bill or voucher.

Licensee agrees to pay and discharge all reasonable costs, attorneys' fees, or other costs of litigation that Licensor may incur in enforcing or defending compliance with this Agreement.

TENTH: It is understood and agreed that no vested right in said premises is hereby granted or conveyed, and that the privileges hereby given are subject to any and all encumbrances, conditions, restrictions and reservations upon or under which Licensor holds said premises.

ELEVENTH: The rights, privileges, duties and obligations of the parties hereto under this agreement shall carry to and be binding upon the heirs, executors, administrators, successors and assigns of said parties, respectively.

IN WITNESS WHEREOF, the said parties hereto execute this agreement in duplicate on the day and year first above written.

Witness:

David E. Derman

Date: 11/2/10

CENTRAL NEW YORK RAILROAD
CORPORATION

BY [Signature]

Witness:

Laura Fizzell

Date: 10/27/10

LASER NORTHEAST GATHERING
COMPANY, LLC

BY [Signature]

Title: President

CENTRAL NEW YORK RAILROAD CORPORATION

*1 Railroad Avenue
Cooperstown, New York 13326
(607) 547-2555, x. 201
(607) 547-6249 (Fax)
nsteckler@nysw.com*

October 18, 2010

Mr. Dale Harper
Laser Northeast Gathering Company, LLC
333 Clay Street, Suite 4500
Houston, TX 77002

Re: License Agreement to install 16" natural gas line crossing over RR ROW
Located in the Boro of Great Bend, Susquehanna Co.; RR MP 198.60+/-

Dear Mr. Harper:

With reference to your recent request for the installation (s) referenced above, enclosed, please find two (2) copies of a license agreement for said proposed installation (s).

Upon your review, please sign and return BOTH copies to this office as soon as possible. One (1) fully executed copy will be forwarded to you once the Railroad has signed it for your records.

The annual fee for said installation(s) is Twenty Five Hundred Dollars (\$2,500.00), and there is a standard preparation fee of Nine Hundred Seventy Five Dollars (\$975.00), preparation fee received, thank you!!

Please make your check for the amount of \$2,500.00 for the annual fee payable to The New York, Susquehanna & Western Railway Corporation and include it with the return of the signed documents and all other requirements that are requested.

As you will note, I have enclosed a package labeled INFORMATION REQUIRED FOR WORK ON THE NEW YORK, SUSQUEHANNA & WESTERN RAILWAY'S RIGHT-OF-WAY. Please review this safety package, complete and return the top of page one (1) where indicated, initial it, and sign below on page two (2) of this letter where indicated, acknowledging your acceptance of safety package and safety requirements, as well as the following standard Engineering requirements.

check !

Rec'd

Our Engineering Department has instructed me to advise you that you will be responsible for any and all Engineering costs incurred regarding this project. Please acknowledge your approval and acceptance to this requirement by signing where indicated below and returning the copy of this letter I have enclosed with the signed documents. As stated above, a copy will be forwarded to you for your records.

If the Licensee hires a contractor for said installation, said contractor must obtain an entry permit from this office before installation can commence. Please notify me as soon as possible if an entry permit is required. A standard entry permit fee of \$1,575.00 is charged. I will need the contractor's name, address, phone number and contact name. If more than one contractor is used, I will need same information for them as well.

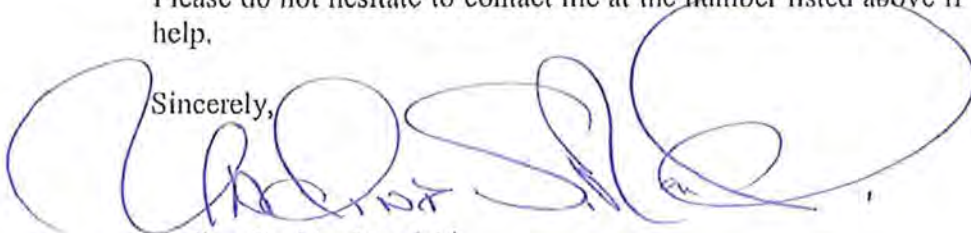
Engineering has advised me that an advance of \$7,500.00 is required for Engineering costs regarding this project. *Check it*

Please make a separate check for \$7,500.00.

If you have any questions regarding the Engineering costs, flagman services, safety package, or any other questions, please contact Richard Hensel or Thom Fries in our Engineering Department, ext. 261.

Please do not hesitate to contact me at the number listed above if I can be of any further help.

Sincerely,



Nadine Steckler Nowicki
Manager of CNYK Leases & Licenses

Encls.

SAFETY PACKAGE AND ENGINEERING REQUIREMENTS

APPROVED AND ACCEPTED BY:


Dale Harper
Dale Harper

DATED: 10-27-2010

THE NEW YORK, SUSQUEHANNA AND WESTERN RAILWAY CORPORATION

DATE: 10-12-2010

PROJECT DESCRIPTION: See next page.

SIGNATURE/DATE/TITLE:
 10-10-2010 VP Engineering, Lake Northeast

NYS&W REPRESENTATIVE FOR THIS PROJECT IS **RICHARD J. HENSEL** OR HIS DESIGNATED REPRESENTATIVE.

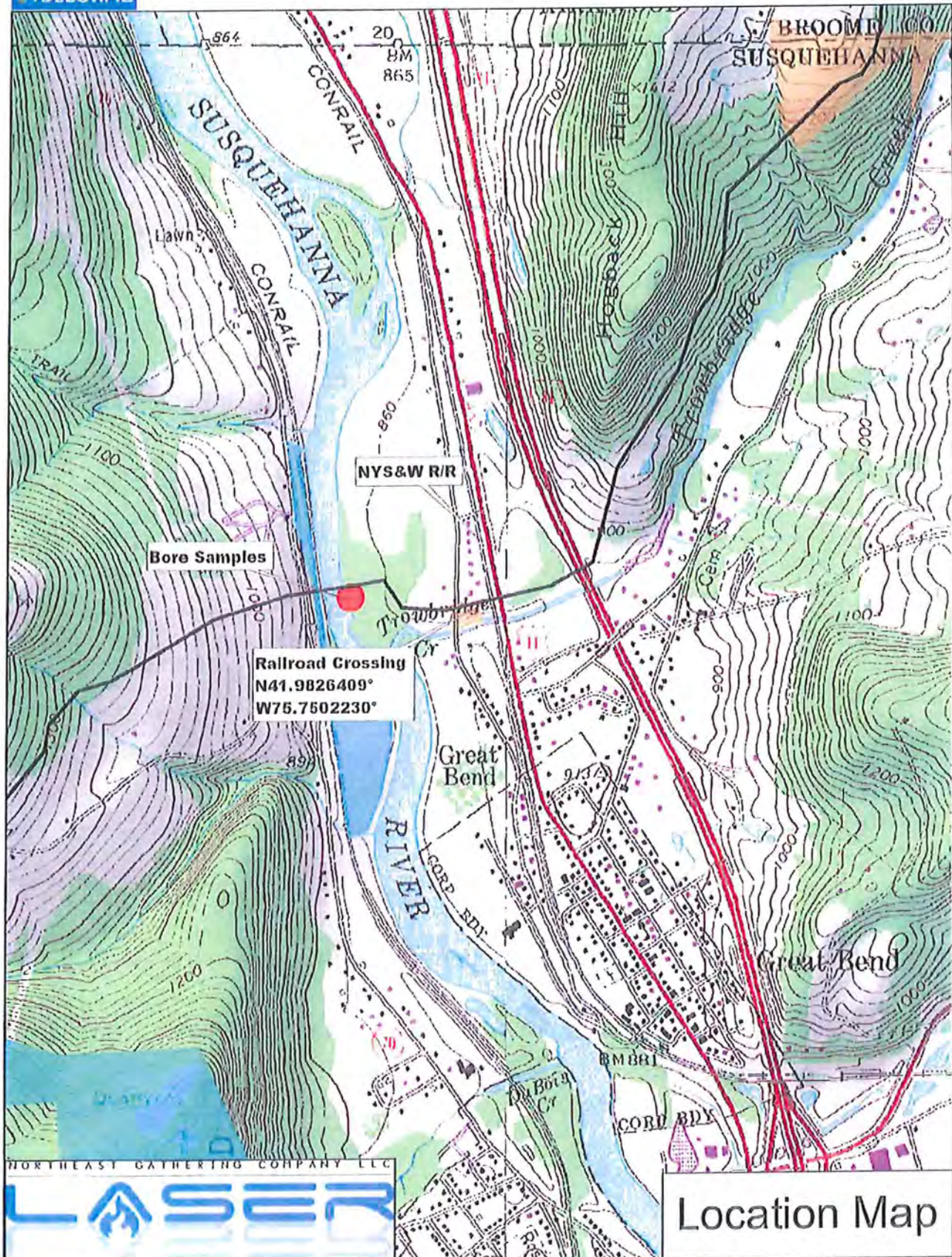
INFORMATION REQUIRED FOR WORK ON NYS&W'S RIGHT-OF-WAY

The information contained in this package is not intended to replace or supplement the contract special provisions for this project and/or the State's Standard Specification. The intention is merely to explain and emphasize the information required when work is performed on The New York, Susquehanna and Western Railway Corporation's right-of-way. Please note, the information and requirements contained in this package do fall within the scope of the special provisions and Standard Specifications.

The items covered in this package are as follows:

	<u>Page</u>
1. Safety - Note: Very Important	2
2. Protective Services (Flagging) Provided by the Railroad	4
3. Contractor's Material & Equipment Stored on NYS&W's Right-Of-Way	5
4. Protection of NYS&W's Facilities During Construction	5
5. Clearances for Temporary Deck Shields and Temporary Bents	6



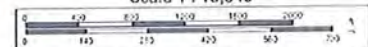


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www.delorme.com

Scale 1 : 15,840


$$1'' = 1,320.0 \text{ ft}$$

Data Zoom 13-7

Photographs of LASER/NYS&W R/R
crossing in Swinburn Co., PA



Photos - Coati



PIPE DATA SHEET

	CARRIER PIPE	CASING PIPE
CONTENTS TO BE HANDLED	Natural Gas	
NORMAL OPERATING PRESSURE	300-600 psig	
NOMINAL SIZE OF PIPE	16.000"	
OUTSIDE DIAMETER	16.000"	
INSIDE DIAMETER	15.250"	
WALL THICKNESS	0.375"	
WEIGHT PER FOOT	62.58 lb/ft	
MATERIAL	Steel	
PROCESS OF MANUFACTURE	ERW	
SPECIFICATION	API 5L	
GRADE OR CLASS	X65	
TEST PRESSURE	2,160 psig min	
TYPE OF JOINT	Welded	
TYPE OF COATING *	14-16 mils FBE 4/30 mils ARO	
DETAILS OF CATHODIC PROTECTION	Impressed Current	
DETAILS OF SEALS OR PROTECTION AT END OF CASING	N/A	
METHOD OF INSTALLATION	HDD **	
CHARACTER OF SUBSURFACE MATERIAL	Sandy Shale	
APPROXIMATE GROUND WATER LEVEL	?	
SOURCE OF INFORMATION ON SUBSURFACE CONDITIONS	Bore Samples	

* FBE → Fusion Bonded Epoxy
 ARO → Abrasion Resistant Overlay

** HDD → Horizontal Directional Drill

BKR 11.9 (LO)
(0201 Baker)

ENGINEERS FIELD BORING LOG

PROJECT NAME Laser Midstream Co. - Great Bend Project
LOCATION Great Bend, Susquehanna County, PA
STATION N/A OFFSET N/A BASELINE N/A

COORDINATES: NORTH: 2722 EAST: 2722

INSPECTOR (SIGNED) [Signature]

DRILLERS NAME/COMPANY Norman H. H. / PA Drilling Co.

EQUIPMENT USED ONE 450 Track Rig

DRILLING METHODS Augering (No Samples) N/A Wireline Coring

CASING SIZE: N/A DEPTH: N/A WATER: N/A DEPTH: N/A TIME: N/A DATE: N/A HRS.: N/A

CHECKED BY: BRN DATE: 11/19/09 DEPTH: N/A TIME: N/A DATE: N/A HRS.: N/A

ALC. NO. NUMBER: 09735

FILE: N/A NOT ENCOUNTERED ☐ INCLINATION (DEGREES): N/A

BORING NO. East River
SHEET 1 OF 2
DATE: START 10/14/09
END 10/14/09
O.G. ELEV. N/A

DEPTH (FT.)	SAMPLE NO. AND TYPE/CORE RUN	BLOWS/6 FT. ON SAMPLER	RECOVERY (FT.)	ROD (FT.)	RECOVERY (%)	ROD (%)	POCKET PENET. OF TORVANE (TSF)	USCS	AASHTO	H ₂ O CONTENT	SOIL: USCS NAME; (USOS/AASHTO symbol) color; moist; consist./dens.; plasticity; fabric; sand size; gravel angularity, size & type; odor	ROCK: TYPE; color; hardness; weathering; bedding & RQD; fracturing & RQD	REMARKS
0													
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
MATCH TO SHEET 2													

BKR II-B (LD4)
(02/01/04)

ENGINEERS FIELD BORING LOG

BORING NO. East River B-1
SHEET 2 OF 2
DATE: START 10/14/09
END 10/14/09
O.G. ELEV. _____

PROJECT NAME Laser Midstream Co. - Great Bend Project
LOCATION Bore of Great Bend, Susquehanna County, PA
STATION NA OFFSET NA BASELINE _____

COORDINATES: NORTH: _____ EAST: _____

INSPECTOR (SIGNED) [Signature]

EQUIPMENT USED CPE 450 Track Rig

DRILLING METHODS H.S. Augering (No Sampling)

CASING: SIZE: N/A DEPTH: N/A WATER: DEPTH: _____

CHECKED BY: BRV DATE: 11/19/09 DEPTH: _____

AE NUMBER: 0913.5

DRILLERS NAME/COMPANY Norman Horner, PA Drilling Co.

NAZ: Wireline Coring

TIME: _____ DATE: _____ HRS.: _____

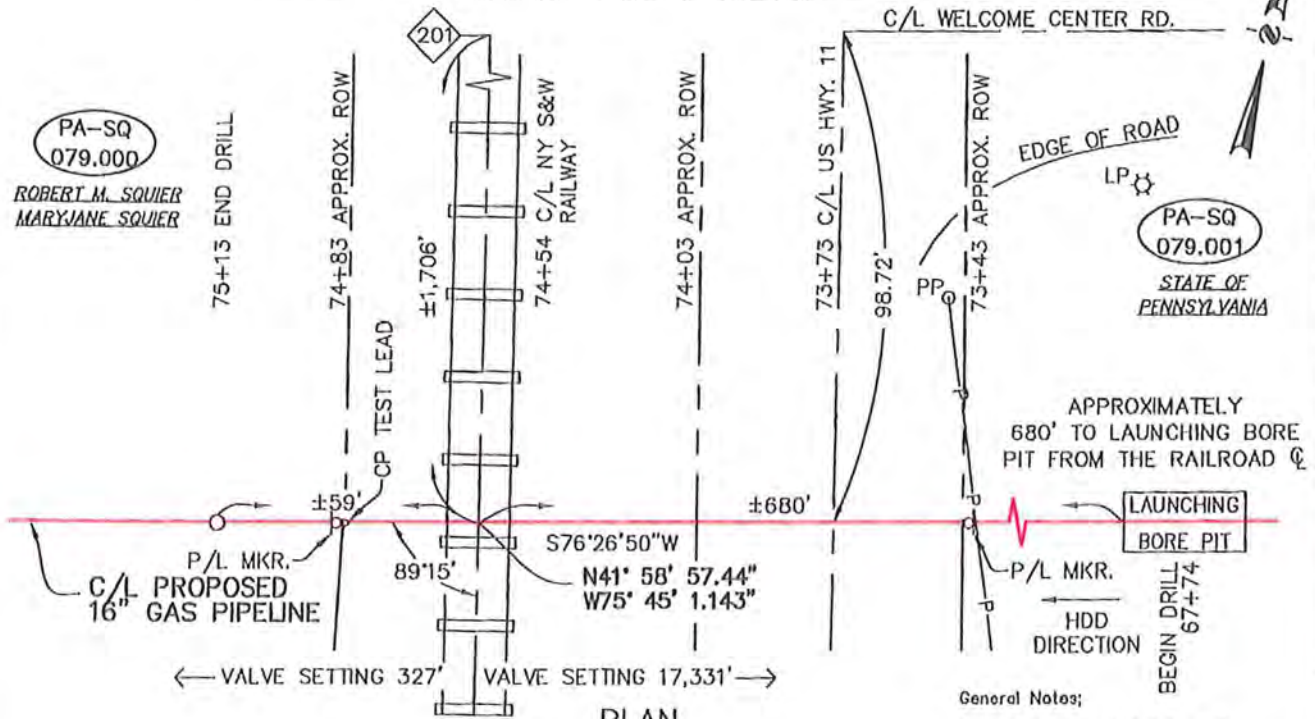
TIME: _____ DATE: _____ HRS.: _____

FILE: _____ NOT ENCOUNTERED ☐ INCLINATION (DEGREES): _____

DEPTH (FT.)	SAMPLE NO. AND TYPE/CORE RUN	BLOWS/5 FT. ON SAMPLER	RECOVERY (FT.)	ROD (FT.)	RECOVERY (%)	ROD (%)	POCKET PENET or TORVANE (TSF)	USCS	AASHTO	H ₂ O CONTENT	SOIL: USCS NAME; (USCS/AASHTO symbol) color; moist; consist/dens.; plasticity; fabric; sand size; gravel angularity, size & type; odor	REMARKS
20.5	A-N										DESCRIPTION	
21			2.5		45.2						ROCK: TYPE; color; hardness; weathering; bedding & RD; fracturing & RD	
22												
23	R-1											
24												
25												
26			0.0		0%							
26.0												
27												
28												
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40												

SUSQUEHANNA COUNTY, PENNSYLVANIA

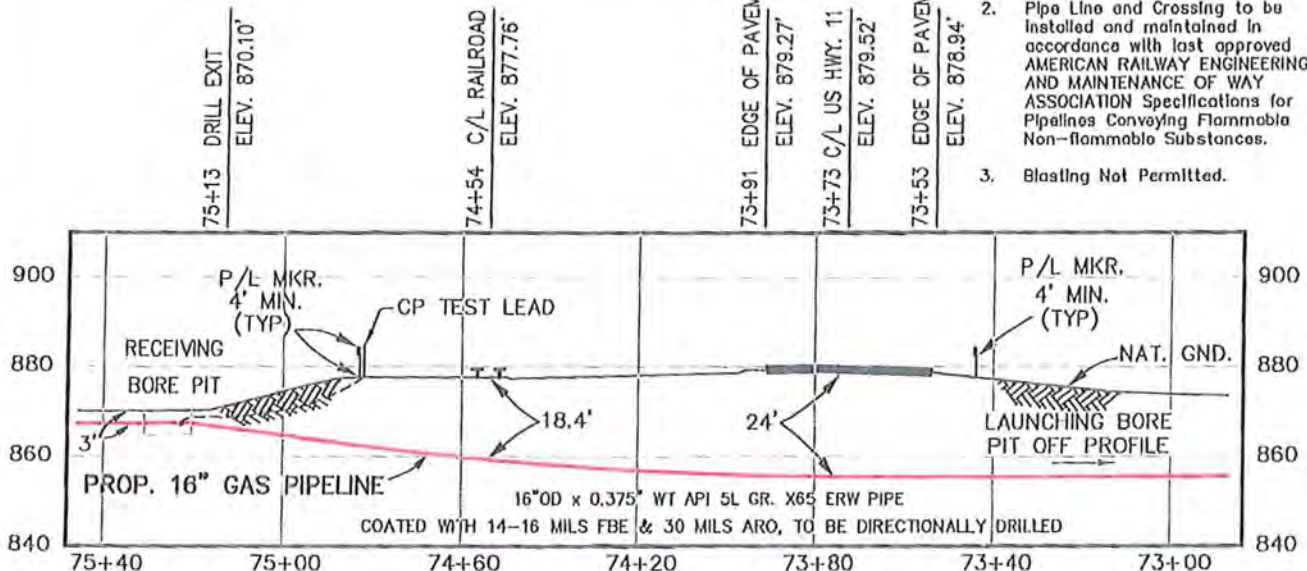
GREAT BEND TOWNSHIP



PLAN
SCALE: 1"=40'

General Notes;

1. Contractor shall follow all requirements of NY S&W railway specifications.
2. Pipe Line and Crossing to be installed and maintained in accordance with last approved AMERICAN RAILWAY ENGINEERING AND MAINTENANCE OF WAY ASSOCIATION Specifications for Pipelines Conveying Flammable Non-flammable Substances.
3. Blasting Not Permitted.



PROFILE

SCALE: 1"=40' HORZ.
SCALE: 1"=40' VERT.

BENCHMARK: FOUND IRON ROD
12.4' RT. @ STATION 83+69,
APPROX. EL. 908.86'

REVISION		
NO	DATE	DESCRIPTION
A	4-8-10	ISSUED FOR REVIEW
B	7-22-10	ISSUED FOR PERMIT
C	8-20-10	ISSUED FOR REVIEW
D	10-13-10	ISSUED FOR REVIEW

Pro Plus, Inc.
FULL SERVICE ENGINEERING
Since 1992

11160 S. Wilcrest, Suite 101
Houston, Texas 77099
(281) 568-0200
FAX: (281) 568-0998

SCALE 1"=40'	
DRAWN JG	DATE 8-20-10
CHECKED CLA	DATE 8-20-10
APPROVED	DATE
PRO PLUS JOB NO. 0950	
DATE/P.O. NO.	
CUSTOMER FILE NO.	
PRO PLUS FILE NO. A09502104PA	

LASER

TITLE
**PROPOSED 16" GAS
LASER NORTHEAST PIPELINE CROSSING
NY S&W RAILWAY
SUSQUEHANNA COUNTY, PENNSYLVANIA**

NO. **A09502104PA** REV. **D**

PLOTTED BY: CLA DATE: 7-22-10 TIME: 16:35

FILE PATH: A09502104PA_

Revised 1-26-98

THE NEW YORK, SUSQUEHANNA AND WESTERN RAILWAY CORPORATION

DATE: 10-12-2010

PROJECT DESCRIPTION: See next page.

SIGNATURE/DATE/TITLE:

Rich Hensel 10-10-2010 VP Engineering, Lane Northeast

NYS&W REPRESENTATIVE FOR THIS PROJECT IS **RICHARD J. HENSEL** OR HIS DESIGNATED REPRESENTATIVE.

INFORMATION REQUIRED FOR WORK ON NYS&W'S RIGHT-OF-WAY

The information contained in this package is not intended to replace or supplement the contract special provisions for this project and/or the State's Standard Specification. The intention is merely to explain and emphasize the information required when work is performed on The New York, Susquehanna and Western Railway Corporation's right-of-way. Please note, the information and requirements contained in this package do fall within the scope of the special provisions and Standard Specifications.

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5. Clearances for Temporary Deck Shields and Temporary Bents	6

THIS AGREEMENT made this 30 day of November, 2010,
between the Commonwealth of Pennsylvania Department of Environmental Protection,
hereinafter referred to as "Department", and

- A. _____, a corporation
incorporated under the laws of the State of _____;
or
- B. _____, a partnership;
or
- C. _____, an individual;
or
- D. Laser Northeast Gathering Company, LLC, (other);

WHEREAS, Department is authorized by the Act of November 26, 1978 (P.L. 1375, No. 325), as amended, to grant, with the approval of the Governor, licenses to occupy submerged lands of the Commonwealth on such terms and conditions as the Department shall prescribe, for the purposes set forth in said Act;

WHEREAS, Licensee has the right to occupy riparian land abutting the Susquehanna River (Stream) in Great Bend Township (Municipality), Susquehanna County, Pennsylvania;

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WHEREAS, Licensee's business on said riparian land requires a license to occupy submerged lands of the Commonwealth in the bed of said Stream below normal pool elevation or low water mark, as the case may be, adjacent to said riparian land in order to construct, repair, replace, operate, maintain and remove a natural gas gathering line and other necessary encroachments and obstructions associated with its business, in accordance with the approved plans and specifications contained in Permit Application No. GP0558291013 and in any prior or future permit(s) for dams, water obstructions and encroachments within the premises licensed herein, referred to hereinafter as "Licensee's facilities"; and

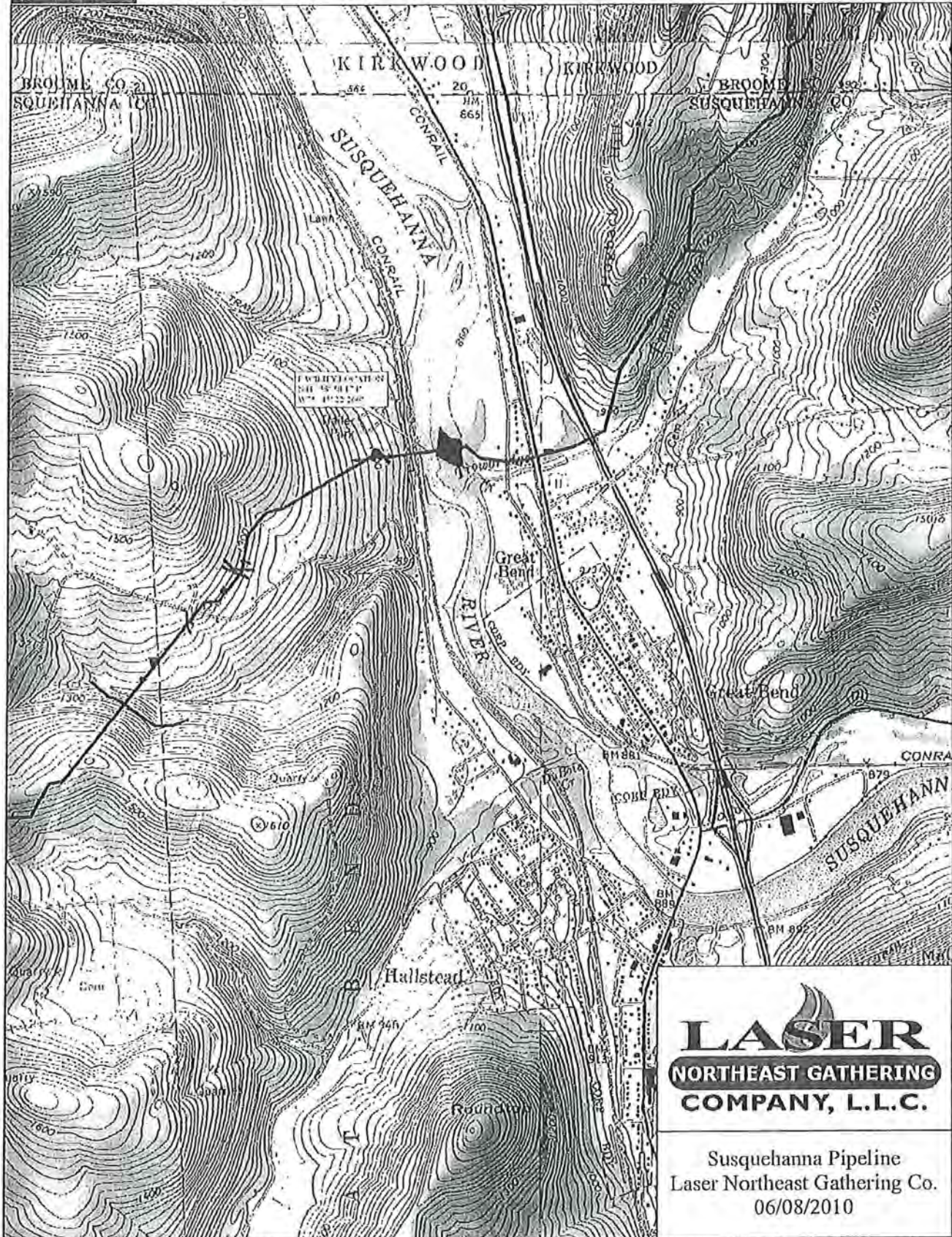
WHEREAS, Licensee's facilities are for the purpose of (check as appropriate):

- ☐ improving navigation or public transportation;
- ☐ recreation, fishing or other public trust purposes;
- ☐ protecting public safety or the environment;
- ☒ providing water supply, energy production or waste treatment;
- ☐ other activities which require access to water;

NOW, THEREFORE, Department, in consideration of the foregoing, and the payments of Licensee of monies as hereinafter written, and the agreements, undertakings and conditions hereinafter contained, hereby grants to Licensee a license to occupy submerged lands of the Commonwealth adjacent to Licensee's riparian land for the purpose(s) set forth in paragraph(s) A below, in accordance with the approved plans and specifications contained in Permit Application No. GP0558291013 and in any prior or future permit(s) for dams, water obstructions and encroachments within the premises licensed herein:

A. To construct, repair, replace, operate, maintain and remove Licensee's facilities within premises referred to herein as the "Facilities Area", occupying approximately 0.2 acres (to the nearest tenth of an acre) of submerged land owned by the Commonwealth in the aforesaid Stream, Municipality and County, the location of which Facilities Area is:

- ☒ shown as the "Facilities Area" on the map or plan attached hereto and made a part hereof; or
- ☐ described by metes and bounds as attached hereto and made a part hereof.



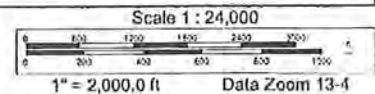
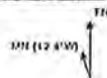
LASER
NORTHEAST GATHERING
COMPANY, L.L.C.

Susquehanna Pipeline
Laser Northeast Gathering Co.
06/08/2010

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www.delorme.com

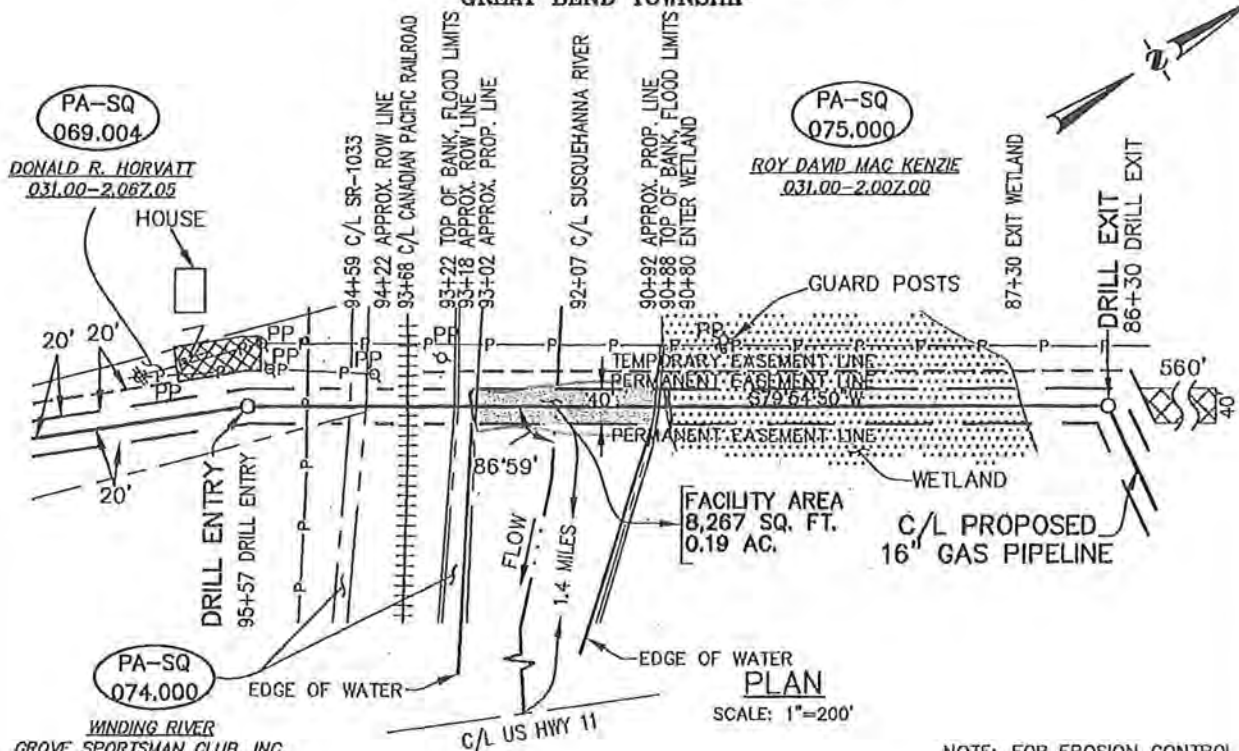


GP 0558-29/013

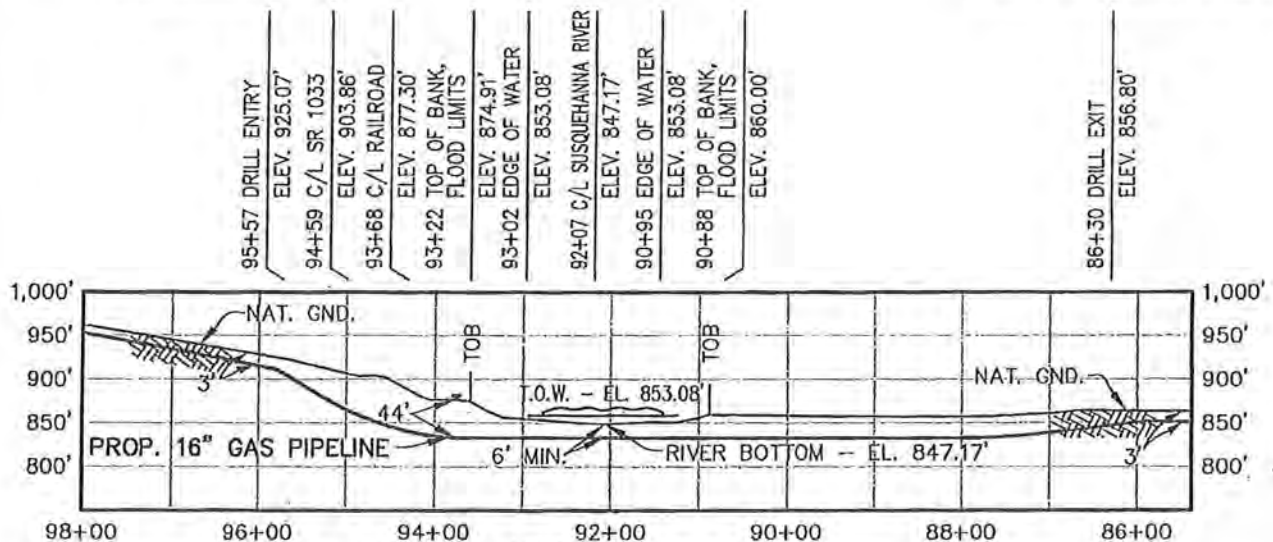
SUSQUEHANNA GATHERING LINE

LASER NORTHEAST GATHERING

CROSS SECTIONS AND PLAN VIEWS GREAT BEND TOWNSHIP



NOTE: FOR EROSION CONTROL
REFER TO ALIGNMENT SHEETS



1,083"-16"OD x 0.375" WT API 5L GR. X65 ERW PIPE
COATED WITH 14-16 MILS FBE & 30 MILS ARO TO BE DIRECTIONALLY DRILLED

PROFILE

SCALE: 1"=200' HORIZ.
SCALE: 1"=200' VERT.

NOTE: CONTRACTOR TO VERIFY
LOCATION OF EXISTING UTILITIES
PRIOR TO CONSTRUCTION.

BENCHMARK: FOUND REBAR
24' LT. @ STATION 10+23,
APPROX. EL. 908.86'

REVISION			PRO PLUS, INC. FULL SERVICE ENGINEERING <i>Since 1987</i> 11150 S. Wilcrest, Suite 101 Houston, Texas 77099 (281) 568-9200 FAX: (281) 568-9998 TUBE REGISTRATION NO. P-0990	SCALE AS SHOWN		LASER NORTHEAST GATHERING COMPANY LLC TITLE: PROPOSED 16" NATURAL GAS PIPELINE SUSQUEHANNA RIVER CROSSING @ STA. 92+07 SUSQUEHANNA COUNTY, PENNSYLVANIA PA SHEET 2	REV. B
NO	DATE	DESCRIPTION		DRAWN	DATE		
A	6-10-10	ISSUED FOR REVIEW		JAG	6/7/10		
B	7-7-10	R.R. PIPELINE ADJUSTMENT		CHK'D	DATE		
				CLA	6/7/10		
				APPROVED	DATE		
				GNS	6/7/10		
				PRO PLUS JOB NO.	0950		
				A/E/P.O.NO.			
				CLIENT FILE NO.			
				PRO PLUS FILE NO.	A09502103PA		

FILE PATH: \\SERVER\ACTVPROJ\0950 (LASER MIDSTREAM-MILLENNIUM COMPRESSOR STATION)\PPI DRAWINGS\PERMITS\PA\A09502103PA.

GP 0558 29/013

PLOTTED BY: CLA DATE: 5-25-10 TIME: 17:30

- B. To occupy for the mooring of vessels at Licensee's facilities, within premises, referred to herein as the "Mooring Area", occupying approximately _____ acres (to the nearest tenth of an acre) of submerged land owned by the Commonwealth in the aforesaid Stream, Municipality and County, the location of which Mooring Area is:

☐ shown as the "Mooring Area" on the map or plan attached hereto and made a part hereof; or

☐ described by metes and bounds as attached hereto and made a part hereof.

The total Facilities Area and Mooring Area being referred to herein as "Licensed Premises";

- C. To dredge for construction and normal operation and maintenance within the Licensed Premises; provided that this license grants no right to dredge, excavate, remove and carry away any merchantable sand, gravel or other minerals, such activities being subject to the payment of a royalty pursuant to Sections 468(d) and 1908-A(3) of the Administrative Code of 1929, as amended.

In consideration whereof, and intending to be legally bound hereby, Licensee agrees as follows:

1. The current schedule of annual fees for Licensed Premises is as follows:
 - a. An annual fee of fifty (\$50.00) per tenth of an acre for premises licensed as "Facilities Area", and ten dollars (\$10.00) per tenth of an acre for premises licensed as "Mooring Area", with a minimum annual fee for Licensed Premises of two hundred fifty dollars (\$250.00).

Therefore, Licensee, upon the execution of this Agreement, shall pay to the Commonwealth the sum of two hundred fifty dollars (\$250.00). The annual fees imposed herein may be revised upon notice from the Department to the Licensee consistent with applicable law. However, until notified otherwise, Licensee shall pay to the Commonwealth the sum of two hundred fifty dollars (\$250.00) by the first day of December, 2011, and so on by each succeeding first day of December. The annual fees shall be payable to the Commonwealth at Department's offices in Harrisburg.

2. In the event a substantial portion of any of Licensee's facilities shall be permanently discontinued or abandoned by Licensee or any of Licensee's permits issued under or complying with Act 325, as amended, or Licensee's facilities be terminated, then this Agreement, at the option of Licensee or Department shall be modified to reflect the changed conditions. Modification may include termination where the use of Licensee's facilities is essentially permanently discontinued or abandoned by Licensee or where essentially all of Licensee's permits issued under or complying with Act 325, as amended, for Licensee's facilities be terminated.

3. Department, in addition to all other rights of termination it may have as set forth herein or generally for breach of any of the conditions, promises, agreements and undertakings by Licensee, shall also have the right to terminate this Agreement upon six (6) months written notice, whenever the Department reasonably believes that the license has become derogatory or inimical to the public interest, fails to serve the best interests of the Commonwealth or hinders a higher public use of the Licensed Premises. Such written notice shall specify the basis for the proposed termination. Termination shall become effective six (6) months after date of notice unless Licensee, within thirty (30) days after such notice, shall request in writing a hearing on the termination issue. In such hearing, due regard shall be given also to the interests of the public as served by Licensee's facilities.

If the Department, following such hearing, determines that the license has become derogatory or inimical to the public interest or fails to serve the best interests of the Commonwealth, or hinders a higher public use of Licensed Premises, then such determination and supporting facts therefor shall be mailed to Licensee. Within thirty (30) days after such determination is mailed, Licensee may appeal therefrom to the appropriate court. Termination shall be effective when the last appeal is finally heard and determined.

4. Licensee shall have the right to terminate this Agreement at any time by written notice to the Secretary of Department.

5. Should termination of this Agreement occur as of a date not falling on the first day of December, then the annual fee payable in advance for the remaining period or the sum refundable, as the case may be, shall be prorated in the ratio that the remaining period from the first day of December, bears to a year.

6. If this Agreement is terminated by operation of this Agreement or by the Department, such termination shall be confirmed by letter from the Secretary of the Department or his designee to the Licensee at the address shown above, or if termination is by Licensee, by letter from Licensee to the Secretary of the Department, at his office in Harrisburg, Pennsylvania. The letter of termination shall be acknowledged and, if this Agreement is recorded, shall likewise be recorded in the County in which this Agreement is recorded.

7. This Agreement does not supersede or waive the provisions of any Federal or Commonwealth statute, regulation or permit relevant to Licensee's operation or maintenance of its facilities. Licensee, its successors and assigns, shall at all times during the existence of this Agreement comply with all statutes, regulations and permits relevant thereto.

8. Licensee shall at all times save harmless and defend the Commonwealth, its officers and employees, from and against all losses, damages, expenses, claims, demands, suits and actions arising out of, or caused in any manner by the use of Licensed Premises by Licensee, and shall compensate the Commonwealth for any damage to it at any time resulting from the use of Licensed Premises by Licensee; provided, however, that this paragraph shall not apply to or affect any claims, demands, suits or actions by or on behalf of officers, employees, servants or

agents of the Commonwealth, or their dependents, based upon workmen's compensation or similar statutory benefits. The Department shall, at Licensee's expense, provide Licensee with such assistance as Licensee may reasonably request in writing in the defense of any claim, demand, suit or action which Licensee assumes hereunder.

9. Should Licensee default in the performance of any of the provisions of this Agreement, and such default continue or remain uncured, unsettled, unappealed or unstayed by a court of competent jurisdiction for sixty (60) days after receipt by Licensee of written notice from Department of such default, then this license shall terminate and be of no further effect; provided, however, that if Licensee has commenced substantially to cure said default within the sixty (60) day period and diligently continues such action to completion, this shall not be an event of default and Department may not terminate this license.

10. In the event this license terminates or is terminated by reason of any provision of this Agreement, or for any other reason, Licensee shall at its cost remove Licensee's facilities from Licensed Premises within such time and in such manner as Department may reasonably direct. Should Licensee fail to remove all Licensee's facilities from Licensed Premises within one (1) year after notice by Department to do so, Department may remove the same, and Licensee shall pay the costs of such removal. Notwithstanding anything to the contrary herein, Licensee shall have a period of one (1) year from the date of effective termination of the license within which to remove its facilities from Licensed Premises.

11. Licensee shall at all times perform under this Agreement in such manner as to minimize or prevent polluting the environment. Licensee shall be liable and responsible to the Commonwealth as provided by law for any pollution or other damage to any portion of the environment in or adjacent to Licensed Premises which occurs as a result or consequence of Licensee's occupation and use thereof, irrespective of whether or not such pollution or damage be due to negligence or in the inherent nature of Licensee's operations, unless the pollution or damage is the proximate result or consequence of an independent intervening cause or of force majeure. The burden of proving such independent intervening cause or force majeure shall be on Licensee. Any action for civil damages on account of such pollution brought by Department against Licensee shall not bar Department from bringing other actions under the Clean Streams Law or other pertinent law, rule, or regulation of the Commonwealth. It is understood and agreed that it is not the intention herein to impose any greater duty upon Licensee than is otherwise provided by statutory and Common law.

12. This Agreement shall be binding upon the parties, their heirs, legal representatives, successors and assigns, but shall not be assignable or transferable by Licensee without the prior written approval of the Department, which shall not be unreasonably withheld.

IN WITNESS WHEREOF, the parties have caused this Agreement to be executed by their duly authorized officials as of the date first above written.

SIGNATURES

ATTEST:

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Sabrina Stanwood

By

[Signature]

CHIEF

DIVISION OF WATERWAYS, WETLANDS AND
STORMWATER MANAGEMENT
BUREAU OF WATERSHED MANAGEMENT

Laser Northeast Gathering Company LLC

Licensee's Business Name

(When Licensee is a corporation):

ATTEST:

Secretary/Treasurer

By

[Signature]

President/Vice-President

(Corporate Seal)

(When Licensee is a partnership):

Witness

By _____
Partner's Signature

Witness

By _____
Partner's Signature

Witness

By _____
Partner's Signature

Witness

By _____
Partner's Signature

(When Licensee is an individual):

Witness

By _____
Licensee's Signature

APPROVED:

Edmund G. Rendell

By _____
Governor, Commonwealth of Pennsylvania

Approved as to legality and form:

Pre-Approved
Office of Attorney General

[Signature]
701

Chief/Assistant Counsel
Department of Environmental Protection