DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF WATERWAYS ENGINEERING AND WETLANDS GENERAL PERMIT BWEW-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.

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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** The fee required for a project authorized under this General Permit shall be consistent with 25 PA Code §105.13 (relating to regulated activities information and fees).
- 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 <u>Pennsylvania Bulletin.</u>
- 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 <u>used as temporary crossings</u> 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.
- I. 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.
- 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.
- 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.

DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF WATERWAYS ENGINEERING AND WETLANDS

CHAPTER 105 WATER OBSTRUCTIONS AND ENCROACHMENT GENERAL PERMIT REGISTRATION

Please review the language of the General Permit(s) prior to completing the General Permit Registration to determine if the project is eligible for use of the General Permit and meets the terms and conditions of the permit(s).

Please provide **ONE** (1) **ORIGINAL** and **ONE** (1) **COPY** of the Registration package. An additional copy is required to be available at the project site during construction along with the GP terms and conditions Municipality & County Notification.

Please provide a copy of the Registration form to the Municipality & County in which the work will be performed. Proof of receipt is not required to be provided to DEP.

SECTION A. APPLICANT INFORMATION:

Activity Subject to Federal Energy Regulatory Commission (FERC) approval: Place an "X" in the box next to "Activity Subject to FERC approval" and/or Oil & Gas Exploration, Production, Storage or Transmission if the activity is regulated by FERC and provide the FERC docket number.

Place an "X" in the box next to "FERC Natural Gas Act Facility" if the activity is also regulated under the Federal Natural Gas Act.

Please fill in the requested information about the applicant (the owner) as accurately as possible. If the property of the project site is privately owned, please list all owners. If owned by a partnership, please list all members. If owned by a corporation, a political subdivision, or a Commonwealth department, board, commission, receiver, trustee or authority, please list the name of the entity. **See SECTION F. CERTIFICATION (page 8) for clarification of applicant signature.**

Please be sure to include DEP Client Identification Number (if known) and Employer Identification Number (EIN), as well as select or write in the proper Client Type and Code (listed below). This information is important to DEP's data tracking system. Please leave blank if the information is unknown or there is a question regarding the proper answer or information. Please note **SECTION A. APPLICANT INFORMATION:**

	Government		Non-Government		<u>Individual</u>
AUTH	Authority	ASSOR	Association/Organization	ASSOR	Association/Organization
CNTY	County	NPACO	Non-Pennsylvania Corporation	LLC	Limited Liability Company
FED	Federal Agency	PACOR	Pennsylvania Corporation	LLP	Limited Liability Partnership
MUNI	Municipality	PARTG	Partnership-General	NPACO	Non-Pennsylvania Corporation
SCHDI	School District	PARTL	Partnership-Limited	OTHER	Other (Non-Govt)
STATE	State Agency	OTHER	Other (Non-government)	PACOR	Pennsylvania Corporation
OTHG	Other (Government)	SOLEP	Sole Proprietorship	PARTG	Partnership-General
NONPG	Non-Pennsylvania Government	LLP	Limited Liability Partnership	PARTL	Partnership-Limited
	•	LLC	Limited Liability Company	SOLEP	Sole Proprietorship
		ESTST	Estate/Trust		

Business entities desiring to do business within the Commonwealth of Pennsylvania must register with the Pennsylvania Department of State. This requirement includes foreign filing associations such as; corporations for profit, corporations not-for-profit, limited partnerships, limited liability companies, professional associations and business or statutory trusts, which were not created or formed under the laws of Pennsylvania. *This requirement does not apply to Individuals*.

To register with the Commonwealth, please visit Pennsylvania Department of State, Bureau of Corporations and Charitable Organization registration website at www.dos.pa.gov/BusinessCharities/Pages/default.aspx

SECTION B. CONSULTANT INFORMATION:

If there is a consultant involved in the project, please fill in the requested information about the consultant as accurately as possible. Please be sure to include Employer Identification Number (EIN). If there is no consultant, please place an "X" in the box next to "N/A".

SECTION C. PROJECT INFORMATION:

Please fill in the requested information to identify the project.

Please be sure to include DEP Site Identification Number (if known), as well as select or write in the proper Site-to-Client Relationship and Code (listed below). Please leave blank if the information is unknown or there is a question regarding the proper answer or information. Please note however, that leaving out information may result in delays or denial of the authorization to use the GP.

AGENT Agent for Owner or Operator LESSE Lessee OPR Operator OTHER Other

CONTR Contractor for Owner or Operator LESOP Lessee/Operator OWN Owner GEN Generator

OWNOP Owner/Operator PROWN Property Owner

The applicant will provide the latitude and longitude coordinates for each proposed impact as required in Section E. The coordinates should be in decimal degrees. It is important to identify the method used to determine the latitude and longitude. Check the appropriate box matching the collection method used. Also check the appropriate box matching the Horizontal Reference Datum (or projection datum) employed in the latitude and longitude collection process. Identify the date of collection (mm/dd/yyyy) if latitude and longitude coordinates were collected via GPS, WAAS and LORAN.

Description of collection methods:

EMAP: Method based on eMAP Pa program. www.depgis.state.pa.us/emappa.

HGIS: Method based on the Pennsylvania Natural Heritage Program database (formerly known as PNDI). The database is located

 $at\ \underline{www.dcnr.pa.gov/Conservation/Biodiversity/PennsylvaniaNaturalHeritageProgram.}$

Note: This method may be preferable since all GP registrations require a PNDI search be conducted.

GISDR: Method based on the use of GIS and Digital Raster Graphic 1:24,000 scale USGS 7.5 minute quadrangle maps.

ITPMP: Method based on map interpolation of USGS 7.5 minute quadrangle maps.

GPS: Global Positioning method with unspecified parameters.

WAAS: Method base on GPS WAAS differentially correct.

LORAN: Method based on Loran C.

Types of Horizontal Reference Datum (or projection datum):

NAD27: North American Datum of 1927 NAD83: North American Datum of 1983

WGS84: World Geodetic System of 1984 (GEO84)

SECTION D. REGISTRATION CHECKLIST AND REQUIREMENTS

After determining that the project is eligible for use and meets the terms and conditions of the General Permit (GP) intended to be registered, the following instructions are useful to properly complete the GP Registration (Registration) process. A properly completed Registration, done in blue or black ink, allows for a more efficient and timely review. Marking "N/A" indicates that a requirement is non-applicable to the project.

If the project is located in a county where the Conservation District (District) has been delegated responsibility under the Chapter 105 program, the Registration form and other associated documents (Registration package) must be sent to the District (except GP-10, GP-11, GP-15 or a GP for oil and gas related activities). If the District is not delegated or the applicant intends to register a GP-10, GP-11, GP-15 or a GP for oil and gas related activities, the Registration package must be sent to the appropriate Department of Environmental Protection (DEP) Regional Office. Contact Information for District and DEP Regional Offices can be found on GP Registration Exhibit B (3150-PM-BWEW0500B) and Exhibit C (3150-PM-BWEW0500C)) and on DEP's eLibrary at www.depgreenport.state.pa.us/elibrary/.

Please provide **ONE (1) ORIGINAL** and **ONE (1) COPY** of the Registration package. Please provide a copy of the Registration form to the Municipality & County in which the work will be performed. Proof of receipt is not required to be provided to DEP. An additional copy is required to be available at the project site during construction along with the GP terms and conditions. Prepare the Registration package for submission beginning with the Registration form, followed by the required attachments in the order they are requested. Not all attachments will be required in all situations for all projects. This standardized format will assist the permit reviewer to process the Registration package more efficiently. **The Registration package should be assembled and provided in the following order 1-9. Upon review by the District or DEP Regional Office, if the project is determined to not meet the terms and conditions of the GP or the Registration package is incomplete, the applicant will be contacted appropriately.**

REGISTERING A GENERL PERMIT (GP)

- PLEASE MARK ("X") CHECK ALL THAT APPLY: Place an "X" in the box next to the GP(s) the applicant intends to register. Mark all GPs that apply to the project.
 - o Reference Chapter 105 Fee Calculation Worksheet (3150-PM-BWEW0553) with questions regarding fees. Checks should be made payable to the "Commonwealth of Pennsylvania Clean Water Fund" or "____ Conservation District Clean Water Fund", whichever is the reviewing entity. Fee information should also be indicated on the Aquatic Resource Impact Table in Section E.

Please place an "X" next to each item (1-9) to ensure it is completed and/or provided. Unless otherwise specified, all items are required to ensure **a complete Registration package**. Please carefully read the terms and conditions of the GP(s) the applicant intends to register, as additional actions may be required outside of the registration and acknowledgement process prior to construction. Please retain the GP(s) terms and conditions to be available at the project site during construction.

Please provide **ONE (1) ORIGINAL** and **ONE (1) COPY** of the Registration package; **retain an additional copy** to be available at all times on the project site during construction. Prepare the Registration package for submission beginning with the Registration form and follow by the required attachments in the order they are requested.

1. Registering a General Permit (GP)

Check all GP's that apply. In GP-11 and GP-15 be sure to note whether it is a temporary or permanent disturbance.

Location Map with project site marked:

The location map shall be 1:24000 scale 8 ½" x 11" photocopy of the appropriate portion of the U.S.G.S. Quadrangle Map with the project site marked. The Location Map may be a GIS generated map containing the required items with the project site marked.

3. Color Photographs with dates and descriptions:

Please provide color photographs of the project site area including dates and descriptions. The photos, dates and descriptions should be provided on an 8 ½" x 11" piece of paper.

Color photographs are only required for GP-3 and GP-11. Please see those permit conditions for additional details.

4. Project Description

Briefly describe the project, including proposed impacts to waters and/or wetlands. The Project Description may be provided on a separate sheet and included in the appropriate location as part of the Registration package.

Please prepare and provide a detailed chart of each proposed impact to an aquatic resource (watercourse, floodway and/or wetlands) as it pertains to the project's activities per the instructions provided in Section E. Include a unique identifier (i.e. GP-5-1) which will be used in all related items. The Aquatic Resource Impact Table (3150-PM-BWEW0557) worksheet or equivalent which provides all of the details requested must be attached as part of the Registration package.

Site Specific Drawing(s) depicting the project's site specific activities (or Standard Drawing):

Please provide a unique site specific drawing for the project and the GP being registered. Standard Drawings (included in the GPs) may be properly completed and provided when appropriate to the project and the GP being registered, but are not required.

If registering multiple GPs at one time, or the project has several locations, please include all applicable Site Specific and/or Standard Drawings for each GP and location. Please label each drawing with the unique identifier created for the Aquatic Resource Impact Table.

Proposed Project Purpose depicting the site of the project's General Permit activities:

Please prepare and provide a detailed overall Site Plan detailing the projects purpose as it pertains to the project's activities per the instructions provided in Section E. If registering multiple GPs at one time, or the project has several locations, please mark all Standard Drawing locations on the Site Plan. A Site Plan may consist of required items placed on or provided by a USGS Quadrangle map, aerial map, etc. If required information cannot be included on the Site Plan, it may be attached as part of the Registration package. For example, a FEMA map may be provided instead of including the 100 year flood elevation.

7. Erosion & Sediment Control Plan (E&S Plan) specific to the activity conducted under this permit:

Work must be done in compliance with Chapter 102 of the Department's Rules and Regulations (relating to Erosion Control). Prior to construction, the applicant must provide an E&S Plan to be reviewed and deemed appropriate by the appropriate DEP Regional Office or delegated District in which the activities are proposed. The E&S Plan shall be

implemented prior to, during and after construction. The E&S Plan is not a requirement for Registration of a GP (except GP-11 or GPs for oil and gas related activities), and does not need to be included in the Registration package. If the applicant intends to register a GP-11 or a GP for oil and gas related activities an E&S Plan must be provided to be reviewed and deemed appropriate by the appropriate DEP Regional Office and shall be implemented prior to, during and after construction. The project site shall at all times be available for inspection by authorized employees of DEP or the delegated District. The E&S Plan shall be available at all times on the project site during construction.

Guidance for preparing an E & S Plan, as well as BMP specifications that meet DEP requirements, can be found in the Department's Erosion and Sediment Control Program Manual (363-2134-008).

8. Pennsylvania Natural Diversity Inventory (PNDI):

Coordination with the Pennsylvania Natural Heritage Program (PNHP) regarding the presence of Federal threatened and endangered (T&E) species and State T&E species and species of special concern on the project site is a regulatory requirement for this permit application/registration. Early coordination (prior to submission) with the appropriate jurisdictional agencies using the PA Conservation Explorer, previously known as the Pennsylvania Natural Diversity Inventory (PNDI) Environmental Review Tool (PNDI ER Tool), is the most effective means of obtaining timely permit decisions. To provide proof of coordination with PNHP and PNDI, applicants must submit a PNDI Receipt as part of the permit application/registration.

Please check the appropriate box indicating the information provided:

- PNDI reviews can still be obtained free-of-charge for users without access to a computer using the standard process
 of requesting a project review directly from each jurisdictional agency—PA Department of Conservation and Natural
 Resources (DCNR), PA Game Commission (PGC), PA Fish and Boat Commission (PFBC) and the U.S. Fish and
 Wildlife Service (US FWS) instead of generating a PNDI Receipt instantly through the PA Conservation Explorer.
 The standard PNDI review process user is responsible for securing PNDI Receipts from each jurisdictional
 agency—DCNR, PGC, PFBC and the U.S. FWS.
 - o PNDI Receipts from each jurisdictional agency will be included with the application/registration package. The PNDI review is not complete or satisfied unless PNDI Receipts are included from all four jurisdictional agencies listed above. Applicants are encouraged to use the PA Conservation Explorer because using this tool is the most effective means of a timely permit decision.
 - If the review determines there are potential impacts to a T&E species, the PNDI Receipt will provide an explanation of the potential impact(s) and instructions on how to resolve the potential impact(s). READ AND FOLLOW THESE INSTRUCTIONS CAREFULLY. Following the procedure outlined by the Department of Environmental Protection (DEP) in the Policy for Pennsylvania Natural Diversity Inventory (PNDI) Coordination During Permit Review and Evaluation, No. 021-0200-001 (PNDI Policy) will allow applicants to meet regulatory requirements.

There are two options available to applicants for handling PNDI coordination in conjunction with DEP's Permit Review Process: sequential review and concurrent review.

Sequential Review:

- The applicant runs the PNDI search and completes all coordination with the appropriate jurisdictional agencies, prior to submitting the permit application/registration. The applicant will include with the application/registration a PNDI Receipt, and clearance letter(s) from the jurisdictional agency(ies) if the PNDI Receipt shows a Potential Impact.
- If selecting sequential review, different items are required to be included as part of the permit application/registration based on the search results:
 - o If the PNDI Receipt shows "No Known Impacts", please provide a copy of the signed PNDI Receipt as part of the Registration package.
 - o If the PNDI Receipt contains "Avoidance Measures", the PNDI review is not complete or satisfied unless the applicant has signed where required on the PNDI Receipt, indicating he/she can and will fulfill the Avoidance Measure(s) for that project. DEP recommends including Avoidance Measures in the Project Description. Please provide a copy of the PNDI Receipt signed as explained above and in the certification section as part of the Registration package.
 - o If the applicant cannot or chooses not to meet the Avoidance Measure(s), he/she must follow the same process for PNDI Receipts showing "Potential Impact", outlined below.

- If the PNDI Receipt shows "Potential Impacts", DEP and the jurisdictional agencies require that the applicant provide additional information outlined in the PNDI Receipt, to the agencies noted on the Receipt for further review. Please provide a copy of the signed PNDI Receipt showing "Potential Impacts" AND the additional information outlined on the PNDI Receipt along with proof of delivery to the appropriate jurisdictional agency(ies) where further coordination is required. If this coordination is not complete prior to submitting the permit application/registration package; the application/registration will be subject to the concurrent review process as outlined below Concurrent Review:
- The applicant runs the PNDI search and will engage in consultation with the applicable jurisdictional agency(ies). DEP will allow technical review of the permit to occur concurrently with the T&E species and State species of special concern consultation with the jurisdictional agency(ies).
- If selecting a concurrent review, the applicant will include with the permit application/registration a signed PNDI
 Receipt processed through the PA Conservation Explorer OR PNDI receipts from each jurisdictional agency if
 the standard process of requesting a project review was used.
 - o It is important to note, however, that the concurrent review option carries certain risks and consequences to the applicant, including:
 - The permit may not be issued/acknowledged until each potential impact is resolved. See DEP's Permit Review Process and Permit Decision Guarantee Policy, Document No. 021-2100-001 (PRP/PDG Policy).
 - The proposed activity subject to the permit application/registration may need to be redesigned as a result of the PNDI consultation (PNDI Policy pages 7-8). Note: Any substantive project or design changes to the application will require a new application and fee to be submitted.
- 9. Activities which impact wetlands (temporary and/or permanent):

For activities which will impact wetlands (temporary and/or permanent), the following are required to be provided as part of the Registration package:

- A wetland delineation with complete data sheets in accordance with the 1987 Corps of Engineers Wetland
 Delineation Manual AND the appropriate Regional Supplements to the Corps of Engineers Wetland Delineation
 Manual for use in Pennsylvania.
- If permanent direct or indirect wetland impacts are greater than 0.05 acres and require compensatory mitigation or an applicant offers compensatory mitigation to address potential anti-degradation concerns, include a wetland replacement, restoration or enhancement plan in accordance with the Department's Replacement criteria which provides a minimum one to one (1:1) wetland replacement ratio for both affected acreage and affected functions and values.
- If compensatory mitigation (for permanent direct or indirect wetland impacts) onsite is not feasible: A check payable
 to the National Fish and Wildlife Foundation, N.A. 1237, may be provided in accordance with the fee schedule below
 as compensatory mitigation for impacts in wetlands, in accordance with the Pennsylvania Wetland Replacement
 Project.

Fee Schedule:

Deminimus impact ≤ .05 acre	\$	0.00	> .20 acre to .30 acre -	\$2,500.00
> .05 acre to .10 acre -	\$	500.00	> .30 acre to .40 acre -	\$5,000.00
> .10 acre to .20 acre -	\$1	,000.00	> .40 acre to .50 acre -	\$7,500.00

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3150-PM-BWEW0557 Rev 4/2018

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF WATERWAYS ENGINEERING AND WETLANDS

Applicant's Name / Client

FOR PENNSYLVANIA CHAPTER 105 WATER OBSTRUCTION AND ENCROACHMENT APPLICATION/REGISTRATION APPLICATION AQUATIC RESOURCE IMPACT TABLE

Please begin to complete the Aquatic Resource Impact Table by including the Applicant's Name / Client (upper right of the page) for each page. Also, complete the Project / Site Name (upper left of the table) and the date of application/registration package submission (upper right of the table, under Applicant's Name / Client). Then complete one row of data for each regulated (PA DEP Chapter 105) structure or activity and type of impact for the proposed project based on the instructions for each column below; add additional worksheets if needed. Provide completed Aquatic Resource Impact Table with Chapter 105 Water Obstruction and Encroachment application/registration; DO NOT submit instructions (page 1) for this table.

DEP Permit Number:	leave blank, it will be completed by DEP upon permit acknowledgment/issuance/verification.
Single Complete Crossing No.:	leave blank, it will be completed by DEP upon permit acknowledgment/issuance/verification.
Crossing Number:	leave blank, it will be completed by DEP upon permit acknowledgment/issuance/verification.
Fees	use the Charler 105 Fee Calculation Worksheet 3150 DM. BIMEWOSSS to determine applicable foots. If product
Project Information	nmilds the appropriate information based on the details on each impact for the entire physical recipit it income.
Structure / Activity Identifier:	provide a unique identifier for each requisited stricture and/or entitle provide a name and number this come unique identifier
	should be used in all aspect of the permit registration/application packages (i.e., GP-5-2).
Aquatic Resource Type	provide the type of aqualic resource (based on watercourse, floodway or welland) being impacted:
Watercourse:	
Floodway:	provide the type of floodway being impacted: crossing or paralleling to the stream
Wetland:	provide the type of welland being impacted: PEM, PSS, PFO or POW welland
Latitude (nad83):	provide the latitude of the aquatic resource impact in decimal degrees
Longitude (nad83):	provide the longitude of the aquatic resource impact in decimal degrees
Waters Name:	provide the name of the stream or other body of water (if available)
PA Code Chapter 93 Designation:	provide the Chapter 93 designation for the aquatic resource (i.e. HQ-CWF, WWF, EV, MF)
PA DEP Chapter 105 Impacts	provide the appropriate information based on the details on each impact for the omisst
Work Proposed:	provide the type of work proposed to impact the resource; agrid utility line, horizontal drill/boring, trench excavation or placement of fill
PADEP Impact Type:	provide the type of aquatic resource impact; temporary or permanent.
Watercourse Impact:	provide the length and width in feet of impact, indicate "n/a" if impact is to a wetland.
Floodway Impact:	provide the length and width in feet of direct and indirect/secondary 100-year floodway impact, indicate "r/da" if impact is to a welland.
Wetland Impact:	provide the length and width in feet of impact to wetlands; indicate "rv/a" if impact is to a watercourse.

DE		Permit Number				
DEP USE ONLY	Single	Crossing No.				
ILY Y		Crossing Number				
		Fee	250	N/A	250	350
	Structure	/ Activity unique identifier	GP-5-1	GP-5-1	GP-5-2	GP-7-1
		Aquatic Resource Type	Perennial	Perennial	PEM	Perennial
Project Information		Latitude dd nad83	417710531	417710531	417710618	417710618
formation		Longitude dd nad83	77152930	77152930	77152945	77152945
		Waters Name	Dunn Creek			Dunn Creek
		PA Code Chapter 93 Designation	CWF	CWF		CWF
		Work Proposed	Excavation	Excavation	Excavation	Excavation
	0EP Impact	Type temp/ perm	Temp	Temp	Temp	Perm
PA DEP / 105	Watercourse Impact Top of Bank to Top of Bank	Length and Width in feet	50 - 30	N/A	N/A	20 - 30
105	Floodway Impact Top of Bank Landward	Length and Width in feet	N/A	100 - 30	N/A	100 - 30
	Wetland Impact Dimensions	Length and Width in feet	N/A	N/A	10-30	

NOTE: Form 3150-PM-BWEW0557 or equivalent must be printed/submitted for this General Permit Registration or Joint Permit Application.



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF WATERWAYS ENGINEERING AND WETLANDS

AQUATIC RESOURCE IMPACT TABLE

Applicant's Name / Client

FOR PENNSYLVANIA CHAPTER 105 WATER OBSTRUCTION AND ENCROACHMENT APPLICATION / REGISTRATION

DE	PADED	Pauer Permit Number								
DEP USE ONLY	Single	Crossing No.								
ALY		Crossing Number								
		Fee		i		R	5			
	Structure /	Activity unique identifier			1	I I		V		
		Aquatic Resource Type								
		Latitude dd nad83		100		T.		ı		
Project Information		Longitude dd nad83								
rmation		Waters Name		5	7					
		PA Code Chapter 93 Designation			T					
		Work Proposed			1					
	DEP	Type temp/ perm		¥						
	Watercourse Impact Top of Bank to Top of Bank	Length and Width in feet		21	i,			,	,	
PADEP / 105			r.	3	ï	i	+		÷	•
55					,				•	

PADEP Impact Type: temporary or permanent.

<u>Permanent Impacts</u> are those areas affected by a water obstruction or encroachment that consist of both direct and indirect impacts that result from the placement or construction of a water obstruction or encroachment and include areas necessary for the operation and maintenance of the water obstruction or encroachment located in, along or across, or projecting into a watercourse, floodway or body of water.

in, along or across, or projecting into a watercourse, floodway or body of water that are restored upon completion of construction. This does not include areas that will be maintained as a result of the operation and maintenance of the water obstruction or encroachment located in, along or across, or projecting into a watercourse, floodway or body of water (these are considered permanent impacts) Temporary Impacts are those areas affected during the construction of a water obstruction or encroachment that consists of both direct and indirect impacts located

SECTION F. CERTIFICATION

Please sign, indicate title and date in the appropriate locations. The Registration package will not be accepted unless the original form and copy are signed and dated by the applicant/owner. **See SECTION A. APPLICANT INFORMATION**.

Clarification on applicant/owner signature:

<u>Individual</u> – The Registration form must be signed by all owners listed within the deed of the property or lease/rental agreement with their original signatures. *For Individual(s), no indication of title is necessary.*

<u>Corporations</u> – The Registration form must be signed by the President or Vice President, Attested by the Secretary (Assistant Secretary) or Treasurer (Assistant Treasurer).

If others are signing on behalf of the corporation, a document evidencing delegation of contracting authority must be provided. Acceptance of the delegated documentation is at the sole discretion of DEP. Absent satisfactory documentation of signatory authority, only the above officers will be accepted as appropriate signatories.

<u>Government agencies</u> – The Registration form must be signed by the Chief Officer or the President/Vice President of the government agency, if incorporated. Chief Clerk, Secretary or Treasurer Signature is required to witness or attest.

<u>Partnerships</u> – The Registration form must be signed by either one general partner to bind the partnership or all partners must sign. For Limited Partnerships (LP), where each individual is a general partner, any general partner may sign. If a corporation is a general partner, the signage must 1) indicate the name of the corporation, 2) that it is a general partner, and 3) the signature of the President or Vice President *and* the signature of the Secretary or Treasurer.

If others are signing on behalf of the Limited Partnership, a document evidencing delegation of contracting authority must be provided. Acceptance of the delegated documentation is at the sole discretion of DEP. Absent satisfactory documentation of signatory authority, only the above officers will be accepted as appropriate signatories.

<u>Limited Liability Companies</u> – The Registration form must be signed by a member for a Limited Liability Company (LLC), where it is member managed; where it is manager managed, a manager must sign. Please indicate whether the person is signing as a "Member" or as a "Manager" of the LLC, according to the Company's Limited Liability Company Operating Agreement.

If anyone other than a "Member" or "Manager" are signing on behalf of the LLC, documentation of authority to sign on behalf of the LLC must be provided.

This GP shall not be authorized until the E&S Plan has been reviewed by the appropriate DEP Regional Office or District, Federal Authorization has been obtained and, where required, an SLLA has been obtained from DEP.

The acknowledged Registration form, the GP(s) terms and conditions, required Federal authorization(s), and the E&S Plan must be maintained and available at the project site during construction. Please remember the authorization is subject to all terms and conditions listed in the GP(s).

SECTION G. DECISION / DISPOSITION

Upon review of this Registration package, the applicant will receive a signed copy GP Registration form. The disposition status will indicate if the GP registration is acknowledging use of the GP(s), the GP registration has been withdrawn or if the GP registration is incomplete requiring additional information. Incomplete submissions will have 60 calendar days to submit information or the registration will be considered withdrawn. **Fees are not refundable.** Work on the project may NOT begin work until federal authorization is obtained, if required. If the acknowledged use of this general permit does not have Federal authorization for this project attached, in accordance with procedures established with the U.S. Army Corps of Engineers, you will be contacted directly by the Corps regarding Federal Authorization.

NOTE: If the GP registration information is incomplete a copy of this registration form and requested additional information will be sent to the applicant. A copy of the returned registration form and additional information must be re-submitted within 60 calendar days unless extended by the extension date listed above.

THE FOLLOWING ITEMS ARE USEFUL IN IDENTIFYING RESOURCES:

• **Historic Places:** The Pennsylvania Historic and Museum Commission, Bureau for Historic Preservation manages the National Register of Historic Places for Pennsylvania. Access to these paper records is free and open to the public by appointment at the office in Harrisburg (see Exhibit A - 3150-PM-BWEW0500A).

Access to some of these data is available on the Cultural Resources Geographic Information System (CRGIS) at www.phmc.pa.gov/Preservation/Cultural-Resources-GIS/.

- National Natural Landmarks: Additional information on Natural National Landmarks and the National Registry of Natural Landmarks is available at www.nature.nps.gov/nnl/.
- Exceptional Value and High Quality Waters (including Exceptional Value Wetlands): Additional information on Exceptional Value (EV) and High Quality (HQ) waters can be found on DEP's website at Statewide Existing Use Classifications and 25 Pa. Code Chapter 93.
 - 25 Pa. Code Chapter 93 also provides an important linkage to Exceptional Value Wetlands which are determined in 25 Pa. Code Chapter 105.17.
- Threatened and Endangered Species: (see also Section E, Items 13 & 14 for requirements and documentation): Additional information on the Pennsylvania Natural Heritage Program (PNHP) regarding the presence of Federal threatened and endangered (T&E) species and State T&E species and species of special concern on the project site and the PA Conservation Explorer, previously known as the Pennsylvania Natural Diversity Inventory (PNDI) Environmental Review Tool (PNDI ER Tool) can be accessed at www.naturalheritage.state.pa.us/Species.aspx.
 - First time users will have to register at the website before conducting the review. Upon completion of the review, a PNDI Receipt, valid for a period of two years from the date the search was conducted, is automatically available for printing.
- **Wild and Stocked Trout Waters:** Additional information on Wild and Stocked Trout Waters can be found at http://www.fishandboat.com/fish/pennsylvaniafishes/trout/.
- **Wild or Scenic Rivers:** Additional information on National or State Wild or Scenic rivers can be found at www.rivers.gov/pennsylvania.php and www.rivers.gov/pennsylvania.php and www.dcnr.pa.gov/Conservation/Water/RiversConservation/.
- Wetlands: (see also Section E, Item 15 for requirements and documentation): Additional information on the 1987
 Corps of Engineers Wetlands Delineation Manual and the appropriate Regional Supplements to the Corps of Engineers
 Wetland Delineation Manual for use in Pennsylvania can be found at
 www.usace.army.mil/missions/civilworks/regulatoryprogramandpermits/reg_supp.aspx.
- Additional Information: Additional Information on resource identification (including agency contact information) can be found on GP Registration <u>Exhibit B (3150-PM-BWEW0500B)</u>; on DEP's website at www.dep.pa.gov; and on DEP's eLibrary at www.depgreenport.state.pa.us/elibrary/.

DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF WATERWAYS ENGINEERING AND WETLANDS

CHAPTER 105 WATER OBSTRUCTIONS AND ENCROACHMENT GENERAL PERMIT REGISTRATION

SECTION A. APPLICANT INFORMATION									
FERC Natural Gas Activity Docket Number Type of Facility									
Has a Water Quality Certification (WQC) request been sent to DEP? Yes No									
Activity Subject to FERC approval and/or Oil & Gas Exploration, Production, Storage or Transmission if the activity is regulated by FERC and provide the FERC docket number.									
Applicant's Name / Client		DEP Client ID# (if	known)		Empl	oyer ID# (EIN)			
Client Information - Please s written in) ↓	elect Clien	t Type / Code from	drop down box unde	r the correct of	entity sl	hown below. (or may be			
Government		Non-Governr	ment		Ind	ividual			
Mailing Address			City	State		ZIP + 4			
Contact Person – Last Name	First	MI Suffix	Telephone ()	Email	Addres	SS			
SE	CTION B.	CONSULTANT INF	ORMATION (If appl	icable)	N/A				
Contact Person – Last Name	First	MI Suffix	Consultants Title Cor			ulting Firm			
Mailing Address			City	State		ZIP + 4			
Telephone	Fax		Email Employer ID# (EIN)			oyer ID# (EIN)			
()	()								
		SECTION C. PRO	JECT INFORMATIO	N					
Project / Site Name			DEP Site ID# (if known	own or leave	blank)				
Client Relationship - Ple Relationship / Code from dromay be written in) →		Double-click on shaded area below to select correct Site-to-Client Relationship / Code ↓							
County	Borough 🗌 Townsl	•		unicipal & County tion is Required					
Site Location / Address		City State ZIP		ZIP + 4					
Collection Method: EMAP HGIS GISDR* ITPMP GPS WAAS LORAN									
Check the horizontal reference	,	,			_	_			
` ,		EMAP and HGIS (PNDI) have known datum and do not require checking here. NAD27 NAD83 WGS84							

NOTE: A Submerged Lands License Agreement (SLLA) with an annual fee, if applicable, may also be required for your project. You will be notified if an SLLA is required.

The <u>Aquatic Resources Impact Table (SECTION E. PROPOSED IMPACTS)</u> must be completed or equivalent submitted for this registration to be complete.

SECTION D. REGISTRATION CHECKLIST AND REQUIREMENTS Please place an "X" next to each item (1-9) to ensure it is completed and/or provided. Unless otherwise specified, all items are *required* to ensure a complete Registration package. **Provide ONE (1) ORIGINAL and ONE (1) COPY of the Registration package** Please provide a copy of the Registration form to the Municipality & County in which the work will be performed. Proof of receipt is not required to be provided to DEP. 1. REGISTERING A GENERAL PERMIT (GP) check all that apply Federal, State, county or municipal agencies or municipal authorities: ☐ EXEMPT from fees \$ 50 = \$ GP-1 Fish Habitat Enhancement Structures...... Per Project = \$ _____ GP-2 Small Docks and Boat Launching Ramps Per Dock / Ramp (#) X \$ 175 GP-3 Bank Rehabilitation, Bank Protection and \$ 250 = \$ ____ \$ 200 GP-4 Intake and Outfall Structures...... Per Structure (#) X GP-5 Utility Line Stream Crossings Per Individual Utility _____ (#) X _____ (#) X \$ 250 GP-6 Agricultural Crossings and RampsPer Crossing / Ramp _____ (#) X \$ 50 \$ 350 GP-8 Temporary Road Crossings²......Per Crossing (#) X \$ 175 GP-9 Agricultural Activities Per Project \$ 50 = \$ GP-10 Abandoned Mine ReclamationPer Project \$ 500 GP-11 Maintenance, Testing, Repair, Rehabilitation, or Replacement of Water Obstructions and Encroachments¹..... \$ 750 Temporary Disturbance (\$400/0.1ac)........................... acres x \$4,000 = \$____ = \$ ____ Permanent Disturbance (\$800/0.1ac)...... _____ acres x \$8,000 = GP-15 Private Residential Construction in Wetlands¹..... \$ 750 \$ ___ Temporary Disturbance (\$400/0.1ac)...... acres x \$4,000 = Permanent Disturbance (\$800/0.1ac)...... acres x \$8,000 = = \$ GP(s) FEE subtotal (b)

		Applicant Entry	DEP Use Only
2.	Location Map (USGS quad map) with project site marked:		
3.	Color Photographs with dates, locations, and descriptions: GP-3 GP-11 N/A		
4.	Project Description: (Example: Linear pipeline project using multiple GP-5's and GP-8's; One GP-7 for an access road to my property)		
5.	Site Specific and/or Standard Drawings are (required for all) project's GP activities.		
	For Activities that qualify for GP-7 or GP-11		
	Plans, specifications, and reports for bridges and culverts across a stream which are to be used by the general public such as an access to an industrial, commercial or residential development, etc., shall be prepared by a registered professional engineer and shall be affixed with their seal and certification which shall read as follows on the drawings:		
	If the project includes a bridge or culvert replacement or the proposed work will change the waterway opening, please complete and provide the <u>Bridge and/or Culvert Replacement Projects or Projects That Change the Waterway Opening (3150-PM-BWEW0552B)</u> worksheet. If the project consists of similar work (replacement or change in waterway opening) on more than one structure, provide the data requested for each structure included in this Registration package.		
	"I (name) do hereby certify pursuant to the penalties of 18 Pa. C.S.A. Sec. 4904 to the best of my knowledge, information and belief, that the information contained in the accompanying plans, specifications, and reports has been prepared in accordance with accepted engineering practice, is true and correct, and is in conformance with Chapter 105 of the rules and regulations of the Department of Environmental Protection."		
6.	Proposed Project Purpose depicting the site of the projects GP activities and impacts. Briefly discuss the need for the authorization.		
7.	Erosion & Sediment Control Plan (E&S Plan) (Required for all GP's but specifically required with submission with a registration of GP-11 or GP's for oil and gas related activities submitted to DEP.)		
8.	Pennsylvania Natural Diversity Inventory (PNDI): PNDI Search Receipt and clearance letters, if available. See additional requirements for submission with Avoidance Measures and/or Potential Impacts.		
9.	Activities which impact wetlands: (For State Regulated Impacts) Please place an "X" next to the appropriate box indicating the information provided:		
	> N/A because no wetland impacts are proposed or no compensatory mitigation is necessary.		
	A wetland delineation with complete data sheets in accordance with the 1987 Corps of Engineers Wetland Delineation Manual AND the appropriate Regional Supplements to the Corps of Engineers Wetland Delineation Manual for use in Pennsylvania		
	➢ If direct or indirect wetland impacts are greater than 0.05 acre, a compensatory mitigation plan in accordance with the Department's Replacement criteria which provides compensation for both affected acreage, and functions at a minimum of one to one ratio.		
	If compensatory mitigation onsite is determined not feasible: A check, number, in the amount of \$ payable to the National Fish and Wildlife Foundation, N.A. 1237, as compensatory mitigation for acres of impact in wetlands, in accordance with the Pennsylvania Wetland Replacement Project		
	(Additional Mitigation May Be Required by U.S. Army Corps)		
NC	OTE: If the Pennsylvania Wetland Replacement Fund is proposed to be used as compensatory mitigation for waters of the Commonwealth the U.S. Army Corps of Engineers may also require additional mitigation if the proposed activity impacts waters of the United States.		

SECTION E. PROPOSED IMPACTS

NOTE: Form 3150-PM-BWEW0557 or equivalent must be printed and submitted under this Section.

3150-PM-BWEW0557 Rev 4/2018 pennsylvania
DEPARTMENT OF ENVIRONMENTAL
PROTECTION

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF WATERWAYS ENGINEERING AND WETLANDS

AQUATIC RESOURCE IMPACT TARKE Applicant's Name / Client

FOR PENNSYLVANIA CHAPTER 105 WATER OBSTRUCTION AND ENCROACHMENT APPLICATION / REGISTRATION	
STRATION	

DE		Permit Number								
DEP USE ONLY	Single	Crossing No.								
ALA.		Crossing Number								
		Fee					5	I		
	Structure /	Activity unique identifier			i B	1 8		1		
	•	Aquatic Resource Type			d	7				
		Latitude dd nad83		-		T.				
Project Information		Longitude dd nad83		j M						
rmation		Waters Name		5	T	0				
Date.		PA Code Chapter 93 Designation	B		T					
		Work Proposed			V					
	DEP	Type temp/ perm								
	Watercourse Impact Top of Bank to Top of Bank	Length and Width in feet		F	ì		- 1	,		
PADEP / 105	Floodway Impact Top of Bank Landward				1	í.	- T-		• 1	•
ର		Length and Width in feet				•				1.5

PADEP Impact Type: temporary or permanent.

in, along or across, or projecting into a watercourse, floodway or body of water. construction of a water obstruction or encroachment and include areas necessary for the operation and maintenance of the water obstruction or encroachment located Permanent Impacts are those areas affected by a water obstruction or encroachment that consist of both direct and indirect impacts that result from the placement or

floodway or body of water (these are considered permanent impacts) be maintained as a result of the operation and maintenance of the water obstruction or encroachment located in, along or across, or projecting into a watercourse, in, along or across, or projecting into a watercourse, floodway or body of water that are restored upon completion of construction. This does not include areas that will Temporary Impacts are those areas affected during the construction of a water obstruction or encroachment that consists of both direct and indirect impacts located

Authorization.

	SECTION	I F. CERTIFICATI	ON
knowledge and information an significant penalties for submitt (If any of the information and/o	d that I possess the auth ing false information, incl r plans is found to be in pension, or revocation in	nority to undertake uding the possibilit error, falsified, and n accordance with	registration is true and correct to the best of my the proposed action. I am aware that there are y of fine and imprisonment for knowing violations. I/or incomplete, this authorization/verification may applicable regulations.) I further certify that this
Signatu	re of Applicant / Owner		Date
Tun	ed / Printed Name		
тур	ed / Fillited Name		
Ту	oed / Printed Title		
THIS ACKNOWLEDGE	or District, and, where re ED COPY OF THIS GE	equired, obtained a	S Plan reviewed by the appropriate Regional Office on SLLA from DEP. REGISTRATION PACKAGE AND THE SITE DURING CONSTRUCTION.
SI	ECTION G. DECISION /	DISPOSITION - C	OMPLETED BY DEP
Decision Review:	oviowar Signatura	GP _	
DEP / DISTRICT R	eviewer Signature	GP	
Reviewer's Typ	ed / Printed Name		E: See Aquatic Resource Impact Table for any additional authorizations.
Disposi	tion Status		Comments
ACKNOWLEDGED	Date		
SLLA Required	☐ Yes Attached ☐		
☐ INCOMPLETE / DEFICIENCY	/ Date		
☐ EXTENSION REQUEST	Date		
WITHDRAWN	Date		
	e applicant. A copy of t	ne returned regis	his registration form and requested additional tration form and additional information must be on date listed above.
Reporting – A copy of Separate federal author	P verification / authorization f this General Permit regionization may be required	stration package h	as been sent to the U.S. Army Corps of Engineers.
such authorization may be req Department of the Army autho States, including jurisdictional	uired prior to starting yo rization is required for th wetlands. Section 10 o	ur project. In acco ne discharge of dre f the Rivers and H	ot have Federal authorization for this project and ordance with Section 404 of the Clean Water Act, a edged and/or fill material into waters of the United larbors Act also requires Department of the Army United States. In accordance with procedures

established with the U.S. Army Corps of Engineers, you will be contacted directly by the Corps regarding Federal

EXHIBIT A

PENNSYLVANIA OFFICES

PENNSYLVANIA FISH AND BOAT COMMISSION

Regional 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 595 East Rolling Ridge Drive Bellefonte, 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 5566 Main Road Sweet Valley, PA 18656 570-477-5717	Bradford, Carbon, Columbia, Lackawanna, Luzerne, Monroe, Pike, Sullivan, Susquehanna, Wayne and Wyoming

DIVISION OF ENVIRONMENTAL SERVICES

595 East Rolling Ridge Drive, Bellefonte, PA 16823-9620

814-359-5147

DIVISION OF FISHERIES MANAGEMENT

595 East Rolling Ridge Drive, Bellefonte PA 16823-9620 814-359-5110

DIVISION OF FISHERIES MANAGEMENT

595 East Rolling Ridge Drive, Bellefonte, PA 16823-9620 814-359-5147

BUREAU OF LAW ENFORCEMENT

Aids to Navigation Coordinator P.O. Box 67000, Harrisburg, PA 17106 717-705-7861

PENNSYLVANIA HISTORIC AND MUSEUM COMMISSION

BUREAU FOR HISTORIC PRESERVATION Commonwealth Keystone Building, 400 North Street, 2nd Floor, Harrisburg, PA 17120-0093 717-783-8946

PENNSYLVANIA DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES

BUREAU OF FORESTRY ECOLOGICAL SERVICES SECTION P.O. Box 8552, Harrisburg, PA 17105-8852 717-787-3444

EXHIBIT B

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

U.S. ARMY CORPS OF ENGINEERS DISTRICT OFFICES

Ohio River Basin Portions of Lake Erie and Genesee River Basins Located in PA	Susquehanna River Basin	Delaware River Basin
Pittsburgh District Corps of Engineers Regulatory Branch Federal Building, 20 th Floor 1000 Liberty Avenue Pittsburgh, PA 15222	Baltimore District Corps of Engineers Pennsylvania Field Office 1631 South Atherton Street, Suite 101 State College, PA 16801	Philadelphia District Corps of Engineers Regulatory Branch Wanamaker Building 100 Penn Square East Philadelphia, PA 19107
Phone: 412-395-7155 Fax: 412-644-4211	Phone: 814-235-0570 Fax: 814-235-0576	Phone: 215-656-6725 Phone: 215-656-6729 (to report violations) Fax: 215-656-6724

DEPARTMENT OF ENVIRONMENTAL PROTECTION REGIONAL OFFICES

General Permit Registrations associated with oil and gas activities -

The General Permit Registration form and other associated documents must be sent to the appropriate DEP Bureau of Oil and Gas Management, Surfaces Permitting Section, Regional Office listed below.

Bureau of Oil and Gas Management	
Surfaces Permitting Section	County Responsibility
Northwest Regional Office	
230 Chestnut Street	Armstrong, Butler, Clarion, Crawford, Elk, Erie, Forest,
Meadville, PA 16335	Indiana, Jefferson, Lawrence, McKean, Mercer, Venango
(814) 332-6860	and Warren
Southwest Regional Office	
400 Waterfront Drive	Allegheny, Beaver, Cambria, Fayette, Greene, Somerset,
Pittsburgh, PA 15222-4745	Washington and Westmoreland
(412) 442-4024	
Eastern Regional Office	
208 W. Third Street, Suite 101	Adams, Bedford, Berks, Blair, Bradford, Bucks, Carbon,
Williamsport, PA 17701	Cameron, Centre, Chester, Clearfield, Clinton, Columbia,
(570) 974-2602	Cumberland, Dauphin, Delaware, Franklin, Fulton,
	Huntingdon, Juniata, Lackawanna, Lancaster, Lebanon,
	Lehigh, Luzerne, Lycoming, Mifflin, Monroe, Montgomery,
	Montour, Northampton, Northumberland, Perry,
	Philadelphia, Pike, Potter, Schuylkill, Snyder, Sullivan,
	Susquehanna, Tioga, Union, Wayne, Wyoming and York

DEPARTMENT OF ENVIRONMENTAL PROTECTION REGIONAL OFFICES continued

General Permit Registrations not associated with oil and gas activities -

The General Permit Registration form and other associated documents must be sent to the appropriate delegated County Conservation District (see Exhibit C). This process does not apply to GP-11 or GP-15, which are sent to the DEP Regional Offices.

If the County Conservation District has not been delegated responsibility under the Chapter 105 program the General Permit Registration form and other associated documents must be sent to the appropriate DEP Permitting and Technical Service Section, Regional Office listed below.

Permitting and Technical Services Section	County Responsibility
Northwest Regional Office	
230 Chestnut Street	Armstrong, Butler, Clarion, Crawford, Elk, Erie, Forest,
Meadville, PA 16335	Indiana, Jefferson, Lawrence, McKean, Mercer, Venango
(814) 332-6984	and Warren
Southwest Regional Office	
400 Waterfront Drive	Allegheny, Beaver, Cambria, Fayette, Greene, Somerset,
Pittsburgh, PA 15222-4745	Washington and Westmoreland
(412) 442-4315	
Northcentral Regional Office	
208 W. Third Street, Suite 101	Bradford, Cameron, Centre, Clearfield, Clinton, Columbia,
Williamsport, PA 17701	Lycoming, Montour, Northumberland, Potter, Snyder,
(570) 327-0529	Sullivan, Tioga and Union
Southcentral Regional Office	
909 Elmerton Avenue, Second Floor	Adams, Bedford, Berks, Blair, Cumberland, Dauphin,
Harrisburg, PA 17110	Franklin, Fulton, Huntingdon, Juniata, Lancaster, Lebanon,
(717) 705-4802	Mifflin, Perry and York
Northeast Regional Office	
2 Public Square	Carbon, Lackawanna, Lehigh, Luzerne, Monroe,
Wilkes-Barre, PA 18711-0790	Northampton, Pike, Schuylkill, Susquehanna, Wayne
(570) 826-2511	and Wyoming
Southeast Regional Office	
2 East Main Street	Bucks, Chester, Delaware, Montgomery and Philadelphia
Norristown, PA 19401	, , , , , , , , , , , , , , , , , , , ,
(484) 250-5970	

EXHIBIT C CONSERVATION DISTRICTS

- Adams County 670 Old Harrisburg Rd., Suite 201 Gettysburg, PA 17325 717-334-0636
- Allegheny County
- ◆33 Terminal Way, Suite 325B Pittsburgh, PA 15219 412-241-7645
- Armstrong County Armsdale Admin. Building 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 St., Suite 4
 Bedford, PA 15522
 814-623-7900 Ext. 4
- Berks County
- ◆1238 County Welfare Rd., Suite 200 Leesport, PA 19533 610-372-4657 Ext. 5
- Blair County 1407 Blair St, Hollidaysburg, PA 16648 814-696-0877 Ext. 5
- Bradford County
- ◆Stoll Natural Resource Center RR 5, Box 5030C, Towanda, PA 18848 570-265-5539 Ext. 6
- Bucks County 1456 Ferry Rd., Suite 704 Doylestown, PA 18901 215-345-7577
- Butler County
- ◆122 McCune Dr. Butler, PA 16001 724-284-5270
- Cambria County
- ◆401 Candlelight Dr., Suite 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 Áve., Suite 4 Bellefonte, PA 16823 814-355-6817
- Chester County Willowdale Town Center 688 Unionville Rd., Suite 200 Kennett Square, PA 19348 610-925-4920
- Clarion County 214 S. 7th Ave Clarion, PA 16214 814-297-7813
- Clearfield County 6395 Clearfield Woodland Hwy Suite 2 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
- ◆Woodcock Creek Nature Center 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 Rd. 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
- ◆850 Washington St. St. Mary's, PA 15857 814-776-5373

Delegated Programs

- ♦Chapter 105
- NPDES and E&S Permits
- Erie County
- ◆1927 Wager Rd. 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 N. Second St., Suite 15 McConnellsburg, PA 17233 717-485-3547
- Greene County
- ◆22 W. High St., Suite 204 Waynesburg, PA 15370-1839 724-852-5273
- Huntingdon County 10605 Raystown Rd., Suite A Huntingdon, PA 16652 814-627-1627
- Indiana County
- ◆625 Kolter Dr., Suite 8 Indiana, PA 15701 724-471-4751
- Jefferson County
- ♦1514 Route 28 Brookville, PA 15825 814-849-7463
- Juniata County 146 Stoney Creek Dr. Mifflintown, PA 17059 717-436-8953 Ext. 5
- Lackawanna County 1038 Montdale Rd., Suite 109 Scott, PA 18447 570-382-3086
- Lancaster County
- ◆1383 Arcadia Rd., Room 200 Lancaster, PA 17601-3149 717-299-5361 Ext. 5
- Lawrence County 430 Court St. New Castle, PA 16101 724-652-4512

3150-PM-BWEW0500C Rev. 4/2018

- Lebanon County Lebanon Valley Ag. Center 2120 Cornwall Rd., Suite 5 Lebanon, PA 17042-9788 717-272-3908 Ext. 4
- Lehigh County Lehigh Ag. Center, Suite 105 4184 Dorney Park Rd. Allentown, PA 18104 610-391-9583
- Luzerne County 325 Smiths Pond Rd. Shavertown, PA 18708 570-674-7991
- Lycoming County 542 County Farm Rd., Suite 202 Montoursville, PA 17754 570-433-3003
- McKean County
 17137 Route 6
 Smethport, PA 16749
 814-887-4001
- Mercer County
 24 Avalon Ct., Suite 300 Mercer, PA 16137-5023 724-662-2242
- Mifflin County 20 Windmill Hill #4 Burnham, PA 17009 717-248-4695
- Monroe County
 8050 Running Valley Rd. Stroudsburg, PA 18360 570-629-3060
- Montgomery County 143 Level Rd. Collegeville, PA 19426 610-489-4506
- Montour County
 14 E. Mahoning St. Danville, PA 17821 570-271-1140
- Northampton County Greystone Building.
 14 Gracedale Ave.
 Nazareth, PA 18064 610-829-6276
- Northumberland County
 441 Plum Creek Rd.
 Sunbury, PA 17801
 570-495-4665 Ext. 4
- Perry County
 P.O. Box 36
 31 W. Main St.,
 New Bloomfield, PA 17068
 717-582-8988 Ext. 4

- Pike County
- ◆556 Route 402 Hawley, PA 18428 570-226-8220
- Potter County
- ◆107 Market St. Coudersport, PA 16915 814-274-8411 Ext. 4
- 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 Ext. 0
- Somerset County 6024 Glades Pike, Suite 103 Somerset, PA 15501 814-445-4652 Ext. 5
- Sullivan County
 9219 Route 487, Suite B
 Dushore, PA 18614
 570-928-7057
- Susquehanna County
- ◆88 Chenango St. Montrose, PA 18801 570-278-2497
- Tioga County
- ◆1867 Shumway Hill Rd. Wellsboro, PA 16901 570-724-1801 Ext. 3
- 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
- ◆4000 Conewango Ave. Warren, PA 16365 814-726-1441
- Washington County
- ◆2800 N. Main St., Śuite 105 Washington, PA 15301 724-228-6774
- Wayne County
- ◆Wayne Co. Park St. Complex 648 Park St. Honesdale, PA 18431 570-253-0930

- Westmoreland County
- ◆Center for Conservation Ed. 218 Donohoe Rd. Greensburg, PA 15601 724-837-5271
- Wyoming County 21 Hollowcrest Complex Tunkhannock, PA 18657 570-836-2589 Ext. 3
- York County 118 Pleasant Acres Rd. York, PA 17402 717-840-7430

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF WATERWAYS ENGINEERING AND WETLANDS

CHAPTER 105 FEE(S) CALCULATION WORKSHEET

Additional information can be found at <u>25 PA Code §105.13</u> (relating to regulated activities – information and fees), the General Permit Registration (<u>3150-PM-BWEW0500</u>), the Joint Permit Application (<u>3150-PM-BWEW0036</u>) and the Dam Permit Application (<u>3140-PM-BWEW0001</u>)

Federal, State, county or municipal agencies or municipal authorities:

■ EXEMPT from fees

These entities are exempt from these fees. If the applicant falls into one of these categories, please check the box above and provide only the first page of this worksheet with the project application or registration.

ALL OTHERS:

- 1. Please place an "X" in the box next to all authorizations that apply to the project and complete the fee information below those authorization(s). Projects may require multiple authorizations and fees, further clarification and examples are included below and at the end of this document.
- 2. Total each authorization, Section, and Part. Part One is for Water Obstructions and Encroachment authorizations, Part Two is for Dam Safety authorizations.
- 3. Please provide this completed worksheet (page 1 and page 2 and/or page 3, as is appropriate to the project) and a check for the applicable fee(s) with the project application or registration. The check should be made payable to the "Commonwealth of Pennsylvania Clean Water Fund" OR "_____ Conservation District Clean Water Fund", whichever is the reviewing entity.

NOTES:

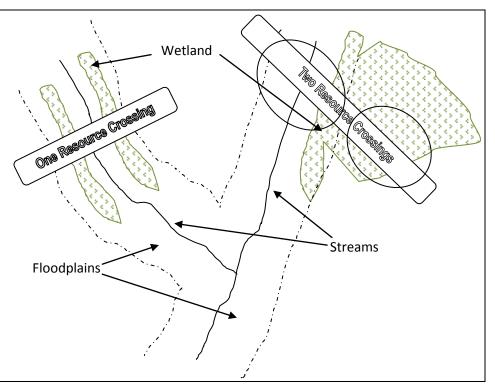
Per 25 PA Code §105.13(c)(2)(iii) Disturbance review fees are calculated by individually adding all of the permanent and temporary impacts to waterways, floodways, floodplains and bodies of water including wetlands to the next highest tenth acre and multiplying the permanent and temporary impacts by the respective fees and then these amounts are added to the other applicable fees.

Entities proposing structures or activities to occupy a Submerged Lands of the Commonwealth must obtain a Submerged Lands License Agreement (SLLA) and pay the appropriate annual charge. The applicant will be contacted if this charge applies to the project.

Floodway – The channel of the watercourse and portions of the adjoining floodplains which are reasonably required to carry and discharge the 100-year frequency flood. Unless otherwise specified, the boundary of the floodway is as indicated on maps and flood insurance studies provided by FEMA. In an area where no FEMA maps or studies have defined the boundary of the 100-year frequency floodway, it is assumed, absent evidence to the contrary, that the floodway extends from the stream to 50 feet from the top of the bank of the stream.

Wetland and Stream Clarification:

- ¹ In many instances, wetlands are located within the floodplain of a stream. These resources for the purposes of calculating disturbance fees are considered co-located or overlapping and the area of disturbance would only be used once.
- ² In the case of GP-5, GP-7 and GP-8 fees are charged per structure per resource crossing and the following also applies to the disturbance fees:
 - A crossing of the stream and the floodplain with wetlands present within the floodplain is considered one resource crossing.
 - When the crossing traverses a stream and the floodplain and a wetland that is located outside of the floodplain or a wetland that extends out beyond the floodplain, it is considered two resource crossings.



Check Amount:

PART ONE: WATER OBSTRUCTIONS AND ENCROACHMENTS

SECTION A. APPLICATION FEES			
□ WATER OBSTRUCTION AND ENCROACHMENT PERMIT			
Some activities or structures within a project may also qualify for a			
the box above indicating an Individual Water Obstruction and En the General Permit section below those. Activities or structures n			
disturbance fee.	ot qualifying for a Gener	ai r eiiiiit iee iiii	ust include a
Administrative Filing Fee ¹		\$ 1,750	+
Temporary Disturbance (\$400/0.1ac)	acres x \$4,000 =	\$	+
Permanent Disturbance (\$800/0.1ac)		\$	= \$
	WO&E FEE	. , ,	\$
GENERAL PERMIT(S) (select activity/structure(s) below, se			. 5
Some activities or structures within a project requiring an Individuality for an accumulation of General Permit fees, please mark			
indicating a General Permit.	the corresponding ree(s) below but not	the box above
GP-1 Fish Habitat Enhancement Structures		\$ 50	= \$
GP-2 Small Docks and Boat Launching Ramps		\$ 175	= \$
GP-3 Bank Rehabilitation, Bank Protection and	······································		·
Gravel Bar Removal	(#) X	\$ 250	= \$
GP-4 Intake and Outfall Structures		\$ 200	= \$
GP-5 Utility Line Stream Crossings ²		\$ 250	= \$
GP-6 Agricultural Crossings and Ramps		\$ 50	= \$
GP-7 Minor Road Crossings ²		\$ 350	= \$
GP-8 Temporary Road Crossings ²		\$ 175	= \$
GP-9 Agricultural Activities		\$ 50	= \$
GP-10 Abandoned Mine Reclamation		\$ 500	= \$
GP-11 Maintenance, Testing, Repair, Rehabilitation, or		Ψ 300	– Ψ
Replacement of Water Obstructions and Encroach	ments ¹	\$ 750	
Temporary Disturbance (\$400/0.1ac)		\$	+
Permanent Disturbance (\$800/0.1ac)		\$	= \$
☐ GP-15 Private Residential Construction in Wetlands ¹		\$ 750	+
Temporary Disturbance (\$400/0.1ac)		\$	+
Permanent Disturbance (\$800/0.1ac)		\$	= \$
		subtotal (b)	\$
PART ONE: SECTION A. APPLIC	ATION FEE(S) subto	otal (a+b=c)	\$
SECTION B. OTHER FEES			_
Environmental Assessment for Waived Activities (§105.13(c)(2)(i	(v))	\$ 500	\$
Amendment to Water Obstruction and Encroachment Permit		Ψ 333	¥ <u></u>
☐ Major Amendment ¹		\$ 500	+
☐ Temporary Disturbance	acres x \$4,000 =	\$	+ \$
Permanent Disturbance		\$	= \$
Minor Amendment		\$ 250	\$
Transfer of Water Obstruction and Encroachment Permit does no see <u>Application for Transfer of Permit / Submerged Lands License Ag</u>			
	ON B. OTHER FEE(S	,	\$
PA	ART ONE: FEE(S) TO	TAL (c+d=e)	\$
DEP USE ONLY			
FEE TOTAL: Permit / Authorization	Number (s):		
Correct Amount: Check #:			

Payable to:

PART TWO: DAM SAFETY (USE ONE FEE SHEET PER DAM)

SECTION A. APPLICATION FEES	
☐ DAM PERMIT APPLICATION – NEW DAM	
☐ Size A ☐ Hazard 1 \$26,500 ☐ Hazard 2 \$26,500 ☐ Hazard 3 \$25,500 ☐ Hazard 4 \$23,500	\$
☐ Size B ☐ Hazard 1 \$19,000 ☐ Hazard 2 \$19,000 ☐ Hazard 3 \$18,500 ☐ Hazard 4 \$17,000	\$
☐ Size C ☐ Hazard 1 \$10,500 ☐ Hazard 2 \$10,500 ☐ Hazard 3 \$10,000 ☐ Hazard 4 \$ 8,000	\$
☐ STAGED CONSTRUCTION	
NO. OF STAGES BEYOND INITIAL STAGE X APPLICATION FEE X 0.90 (90%)	\$
☐ DAM PERMIT APPLICATION – MODIFICATION OF DAM	
☐ Size A ☐ Hazard 1 \$18,500 ☐ Hazard 2 \$18,500 ☐ Hazard 3 \$18,500 ☐ Hazard 4 \$18,000	\$
☐ Size B ☐ Hazard 1 \$12,000 ☐ Hazard 2 \$12,000 ☐ Hazard 3 \$12,000 ☐ Hazard 4 \$11,500	\$ \$
☐ Size C ☐ Hazard 1 \$ 7,500 ☐ Hazard 2 \$ 7,500 ☐ Hazard 3 \$ 7,500 ☐ Hazard 4 \$ 7,500	\$
☐ STAGED CONSTRUCTION	
NO. OF STAGES BEYOND INITIAL STAGE X APPLICATION FEE X 0.85 (85%)	\$
☐ DAM PERMIT APPLICATION – OPERATION & MAINTANANCE OF EXISTING DAM	
☐ Size A ☐ Hazard 1 \$12,500 ☐ Hazard 2 \$12,500 ☐ Hazard 3 \$12,000 ☐ Hazard 4 \$10,000	\$
☐ Size B ☐ Hazard 1 \$10,000 ☐ Hazard 2 \$10,000 ☐ Hazard 3 \$ 9,500 ☐ Hazard 4 \$ 8,500	\$
☐ Size C ☐ Hazard 1 \$ 7,000 ☐ Hazard 2 \$ 7,000 ☐ Hazard 3 \$ 6,500 ☐ Hazard 4 \$ 6,000	\$
PART TWO: SECTION A. APPLICATION FEE(S) subtotal (a)	\$
SECTION B. OTHER FEES	
Letter of Amendment or Authorization	
Major (≥\$250,000)	
☐ Size A \$14,700 ☐ Size B \$8,700 ☐ Size C \$4,400	\$
✓ Minor (<\$250,000)	\$
☐ Size A \$ 1,300 ☐ Size B \$ 1,000 ☐ Size C \$ 650 ☐ Major Dam Design Revision	Φ
☐ Size A \$ 4,700 ☐ Size B \$ 3,200 ☐ Size C \$ 1,700	\$
	·
Environmental Assessment	
Environmental Assessment for Dam Removal (§105.12(a)(16)) \$ 500	\$
☐ Non-Jurisdictional Dams☐ Letter of Amendment or Authorization	5
☐ Size A \$ 1,400 ☐ Size B \$ 1,000 ☐ Size C \$ 900	\$
	·
Transfer of Dam Permit	
☐ No Proof of Financial Responsibility \$ 550 ☐ Proof of Financial Responsibility \$300	\$
☐ Annual Registration	
☐ Hazard 1 \$ 1,500 ☐ Hazard 2 \$ 1,500 ☐ Hazard 3 \$ 800	\$
PART TWO: SECTION B. OTHER FEE(S) subtotal (b)	\$
PART TWO: FEE(S) TOTAL (a+b=c)	\$
DEP USE ONLY Descript / Authorization Number (a)	
FEE TOTAL: Permit / Authorization Number (s): Correct Amount: Check #:	
Check amount: Payable to:	

GP Fee Explanation (#):

GP#	Description	Fee	Fee Explanation (#)
GP-1	Fish Habitat Enhancement Structures	\$ 50	Fee is assessed per project not per individual structure.
GP-2	Small Docks and Boat Launching Ramps	\$175	Fee is assessed per individual dock or boat ramp. The fee is the number of docks and ramps totaled times the fee.
GP-3	Bank Rehabilitation, Bank Protection and Gravel Bar Removal	\$250	Fee is assessed per project and not individual bank or gravel bar removal locations. Only one single and complete project along a continuous stream reach not exceeding 500 feet measured down centerline of stream. Additional projects or areas must be separately registered and the fee would apply to each registration.
GP-4	Intake and Outfall Structures	\$200	Fee is assessed per individual intake or outfall structure. The fee is the total number of structures times the fee.
GP-5 ²	Utility Line Stream Crossings ²	\$250	Fee is assessed per individual utility line or conduit crossing (a wetland and stream crossing may be separate crossings even if adjacent). The fee is the total number of utility lines times the number of resource crossings times the fee.
GP-6	Agricultural Crossings and Ramps	\$ 50	Fee is assessed per individual crossing or ramp structure. The fee is the total number of crossings and ramps times the fee.
GP-7 ²	Minor Road Crossings ²	\$350	Fee is assessed per individual minor road crossing (a wetland and stream crossing may be separate crossings even if adjacent). The fee is the total number of road crossings times the fee.
GP-8 ²	Temporary Road Crossings ²	\$175	Fee is assessed per individual temporary road crossing (a wetland and stream crossing may be separate crossings even if adjacent). The fee is the total number of temporary road crossings times the fee.
GP-9	Agricultural Activities	\$ 50	Fee is assessed per project not per individual structure or activity. Multiple projects can be registered under a single registration and as such the fee is applied to each project and then totaled.
GP-10	Abandoned Mine Reclamation	\$500	Fee is assessed per project not per individual activity. Multiple projects can be registered under a single registration and as such the fee is applied to each project and then totaled.
GP-11 ¹	Maintenance, Testing, Repair, Rehabilitation, or Replacement of Water Obstructions and Encroachments ¹	\$750	Fee is assessed for each registration package (can include multiple activities or structures) and is added to the permanent and temporary disturbance review fees calculated for each registration package respectively.
GP-15 ¹	Private Residential Construction in Wetlands ¹	\$750	Fee is assessed for each registration package (can include multiple activities or structures) and is added to the permanent and temporary disturbance review fees calculated for each registration package respectively.

Water Obstruction and Encroachment Examples:

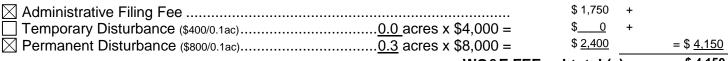
1.	GP-7 Minor Road	l Crossina: Minor ro	ad crossing of a stream	m that qualifies	for BDWM GP-07.
----	------------------------	-----------------------------	-------------------------	------------------	-----------------

GENERAL PERMIT(S) (select activity/structure(s) below)

Some activities or structures within a project requiring an Individual Water Obstruction and Encroachment Permit may qualify for an accumulation of General Permit fees, please mark the corresponding fee(s) below but not the box above indicating a General Permit.

 \boxtimes GP-7 Minor Road Crossings = \$ $\frac{1}{350}$ = \$ $\frac{350}{9}$ = \$ $\frac{350}{350}$

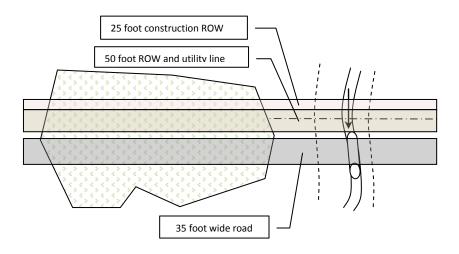
2. Joint Permit Application for Individual Water Obstruction Encroachment Permit: The project proposes to construct an access road requiring the placement of fill in 0.27 acres of wetlands as part of a residential subdivision.



WO&E FEE subtotal (a)

\$ <u>4,150</u>

3. Joint Permit Application for Individual Water Obstruction Encroachment Permit: The project proposes to construct an access road and utility line through a wetland and stream. The road will require placement of fill in 0.28 acres of wetlands, placement of a 45 foot long x 36 inch CMP in the stream and placement of fill in the floodway for road approaches to the culvert (east approach 35 feet wide x 4 feet deep x 50 feet long and west approach 35 feet wide x 2 feet deep x 15 feet). The utility line is 30 inch diameter steel pipe carrying petroleum products. The utility line will be open trenched through the wetland with a permanent right of way of 50 feet x 350 feet and an additional construction right of way 25 feet x 350 feet. The utility line will be open trenched traversing through the entire floodway and stream with a permanent right of way totaling 50 feet x 68 feet (east floodway 50 feet x 50 feet, stream 50 feet x 3 feet and west floodway 50 feet x 15 feet) and an additional construction right of way 25 feet x 68 feet.



Impact Calculations and Summary

	,			
Permanent	Temporary			
0.28	0			
0	0.2			
0.4	0			
Floodway/Stream				
0.05	0			
0	0.04			
0.08	0			
0.81	0.24			
0.9	0.3			
	0.28 0 0.4 0.05 0 0.08			

MOS	C CCC ambiatal /	-\	\$10.150
Permanent Disturbance (\$800/0.1ac)	= \$ <u>7,200</u>		= \$ <u>10,150</u>
☐ Temporary Disturbance (\$400/0.1ac)		+	
		+	

WO&E FEE subtotal (a)

Joint Permit Application for Individual Water Obstruction Encroachment Permit: The project proposes to construct a building, two minor road crossings that qualify for BDWM GP-07 and place three separate utility lines through a wetland and a separate stream that qualify for BDWM GP-05. The building will require placement of fill in 0.17 acres of wetlands.

		\$ 1,750 +	
Temporary Disturbance (\$400/0.1ac)		\$ <u> </u>	
Permanent Disturbance (\$800/0.1ac)		\$ <u>1,600</u>	= \$ <u>3,350</u>
	WO&E FEE s	ubtotal (a)	\$ <u>3,350</u>

GENERAL PERMIT(S) (select activity/structure(s) below)

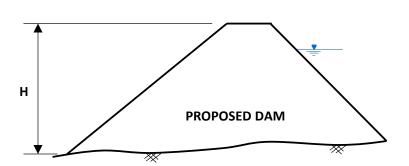
Some activities or structures within a project requiring an Individual Water Obstruction and Encroachment Permit may qualify for an accumulation of General Permit fees, please mark the corresponding fee(s) below but not the box above indicating a General Permit.

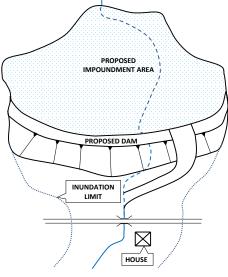
GP-5 Utility Line Stream Crossings		\$ 250	= \$ <u>1,500</u>
GP-7 Minor Road Crossings	<u>2</u> (#) X	\$ 350 	= \$ <u>700</u>
	GP(s) FEE	subtotal (b)	\$ <u>2,200</u>
PART ONE: SECTION A. APPLICATION	FEE(S) subt	otal (a+b=c)	\$ 5,550

- 5 -

Dam Safety Examples:

5. New Dam Permit Application: This project proposes to construct a 25-foot high dam that has a maximum storage of 500 acre-feet of water. This dam would be classified as a size category "C" dam per §105.91. There is one home and one roadway within the inundation area downstream of the dam. This dam would have a hazard classification of "2". All stream and wetland impacts are covered under the Dam Permit Application. An Environmental Assessment is required as part of the Dam Permit Application, but a separate fee is not required.





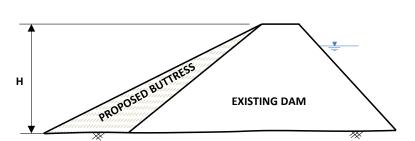
DAM SAFETY APPLICATION FEES

(TO BE FILED WITH DAM SAFETY WITH THE DAM PERMIT APPLICATION)

□ DAM PERMIT APPLICATION – NEW DAM

⊠ Size C ☐ Hazard 1 \$10,500 ☐ Hazard 2 \$10,500 ☐ Hazard 3 \$10,000 ☐ Hazard 4 \$8,000 \$ <u>10,500</u> DAM SAFETY FEE total \$ 10,050

6. Letter of Authorization with Environmental Assessment: This project proposes to modify a 25-foot high dam that has a maximum storage of 500 acre-feet of water. This dam would be classified as a size category "C" dam per §105.91. The proposed modification involves buttressing the downstream slope of the dam with soil to improve the stability. The total project cost will be \$100,000. A small wetland area will be impacted near the toe of the buttress. An Environmental Assessment will be required to assess the impacts to the wetland.





Letter of Amendment or Authorization

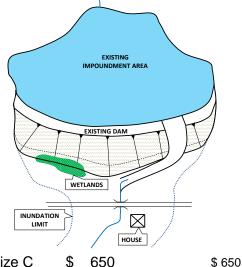
Minor (<\$250,000)

☐ Size A \$ 1.300 ☐ Size B \$ 1.000

□ Environmental Assessment

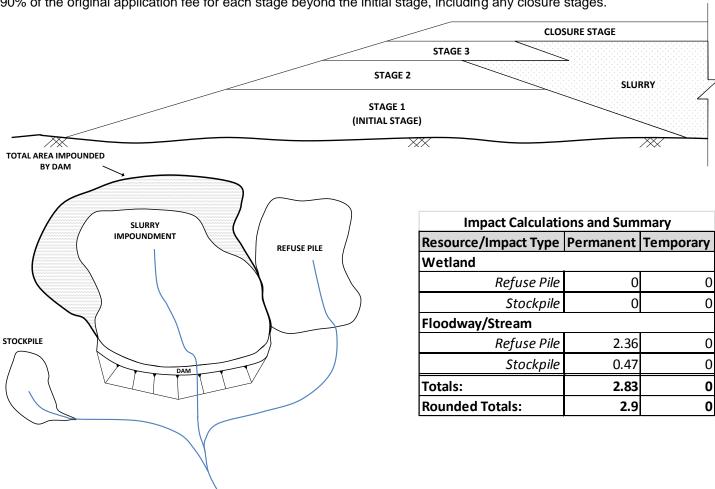
□ Letter of Amendment or Authorization

☐ Size A \$ 1.400 ☐ Size B \$ 1.000



 Size C 650

Size C 900 \$ 900 **DAM SAFETY FEE total** \$ <u>1,550</u> 7. New Dam Permit Application with Staged Construction and Disturbance Review Fees: The project proposes to construct a staged construction, high hazard dam, to be utilized for containing a slurry impoundment. There will also be a refuse pile constructed adjacent to the slurry impoundment impacting 1000 linear feet of stream, causing a permanent disturbance to the 3-foot wide stream and 50 feet of floodway on either side of the stream [1000 x (50+3+50)]. A refuse stockpile will also impact 200 linear feet of stream, causing a permanent disturbance to the 3-foot wide stream and 50 feet of floodway on either side of the stream [200 x (50+3+50)]. The Dam Safety Application Fee will include the application fee for the applicable size and hazard classification of the dam. The Dam Safety Application Fee will also include a fee equal to 90% of the original application fee for each stage beyond the initial stage, including any closure stages.



WATER OBSTRUCTION AND ENCROACHMENT FEES (TO BE FILED WITH DEP REGIONAL OFFICE, COUNTY CONSERVATION OFFICE, OR DISTRICT MINING)

\$1,750 Administrative Filing Fee Temporary Disturbance (\$400/0.1ac) 0.0 acres x \$4,000 =Permanent Disturbance (\$800/0.1ac) 2.9 acres x \$8,000 =\$23,200 **WO&E FEE total** \$24,950

DAM SAFETY APPLICATION FEES (TO BE FILED WITH DAM SAFETY WITH THE DAM PERMIT APPLICATION)

\boxtimes	DAM PERMIT	APPLICATION –	NEW DAM
\sim		ALL LIGATION	INCIN DAIN

🛛 Size A	Hazard 1 \$26,500	Hazard 2 \$26,500	☐ Hazard 3 \$25,500 ☐ Hazard 4 \$23,500	\$ <u>26,500</u>
 ▼ STAGED	CONSTRUCTION			

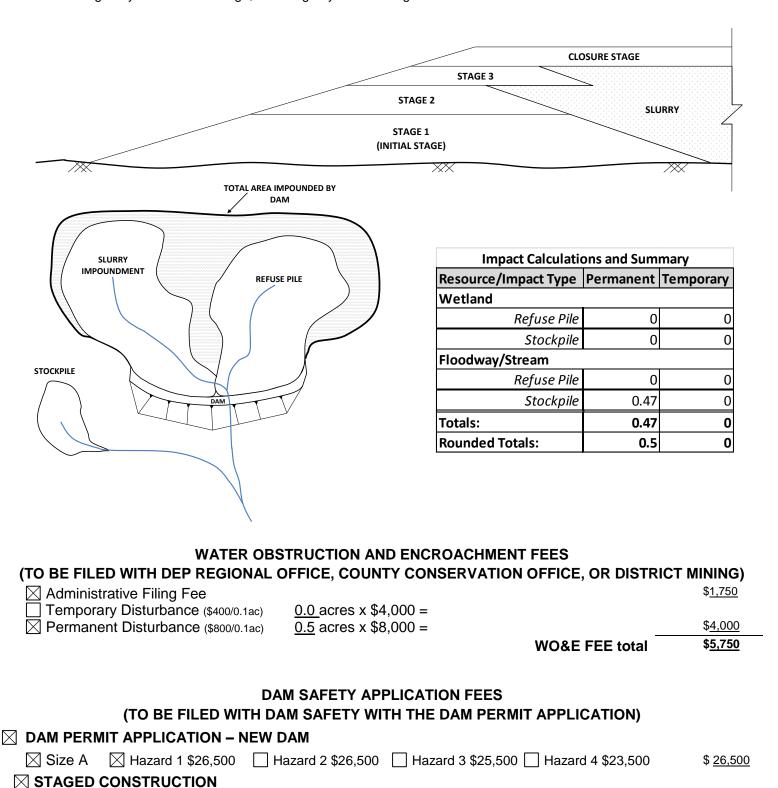
No. OF STAGES BEYOND INITIAL STAGE 3 X APPLICATION FEE \$26,500 X 0.90 (90%)

\$ 71,550

DAM SAFETY FEE total

\$ 98,050

8. New Dam Permit Application with Staged Construction: The project proposes to construct a staged construction, high hazard dam, to be utilized for containing a slurry impoundment and refuse pile. A refuse stockpile will also impact 200 linear feet of stream, causing a permanent disturbance to the 3-foot wide stream and 50 feet of floodway on either side of the stream [200 x (50+3+50)]. The Dam Safety Application Fee will include the application fee for the applicable size and hazard classification of the dam. The Dam Safety Application Fee will also include a fee equal to 90% of the original application fee for each stage beyond the initial stage, including any closure stages.



\$ 71,550

\$ 98,050

DAM SAFETY FEE total

No. OF STAGES BEYOND INITIAL STAGE 3 X APPLICATION FEE \$26,500 X 0.90 (90%)

DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF WATERWAYS ENGINEERING AND WETLANDS

INSTRUCTIONS FOR COMPLETING THE PASPGP-5 REVIEW CHECKLIST

The following instructions below are provided as a tool to assist permit applicants to determine if a proposed project will be either a U.S. Army Corp of Engineer's Reporting or Non-Reporting action. The checklist is not required to be submitted for a Chapter 105 permit review but, if provided, it may provide clarity to DEP during the permit review.

Question 1:

Answer YES

if any of the proposed work is located waterward of the ordinary high water mark (OHWM) and/or the mean high water line (MHWL) of the following ineligible waterbodies within Pennsylvania:

- a. The Delaware River, downstream of the U.S. Route 202 Bridge at New Hope, Pennsylvania;
- b. The Schuylkill River downstream of the Fairmount Dam in Philadelphia, Pennsylvania;
- c. All of the Ohio River;
- d. All of the Beaver River;
- e. All of the Little Beaver Creek;
- All of the Mahoning River;
- g. All of the Monongahela River;
- The Youghiogheny River from its mouth at McKeesport, Pennsylvania to river mile 31.2 at West Newton, Pennsylvania;
- The Allegheny River, from its mouth in Pittsburgh, Pennsylvania to river mile 197.4 at Kinzua Dam, north of Warren, Pennsylvania;
- j. The Kiskiminetas River from its mouth near Freeport, Pennsylvania to river mile 26.8 at Saltsburg, Pennsylvania;
- k. Tenmile Creek from its mouth at Millsboro, Pennsylvania to river mile 2.7; and
- I. Lake Erie activities which require submittal of a DEP Chapter 105 Joint Permit Application or Environmental Assessment to the DEP. For Lake Erie, the OHWM is located at elevation 573.4.

Question 2:

Answer YES

if the proposed work will result in the diversion of more than 10,000 gallons per day of surface water or groundwater into or out of the Great Lakes Basin (Lake Erie Watershed).

Question 3:

Answer YES if more than 0.10 acre of shrub-scrub or forested wetland will be permanently converted to emergent wetland.

Question 4:

Answer YES

if your application/registration is associated with a Single and Complete Project whereby a previous Department of the Army authorization has been issued through an Individual Permit, a Nationwide Permit, or a PASPGP processed by the Army Corps of Engineers (Corps) as a Category III/Reporting Activity. Also enter data associated with the prior authorizations into table, including the type of authorization or permit, permit or authorization number(s), date(s) of issuance, and permitted impacts (including square feet or linear feet). Types of authorizations or permits may be abbreviated as Corps Nationwide Permit (NWP), Corps Individual Permit (IP), or Corps PASPGP (SPGP).

Question 5:

Answer YES if the proposed project requires the preparation of an Environmental Impact Statement (EIS).

Question 6:

Answer YES if the proposed regulated activity or area of indirect impact (secondary impact) extends across state boundaries (i.e., the work in not wholly located within the Commonwealth of Pennsylvania).

Question 7:

Answer YES if the proposed project is part of or involves the construction or expansion of a residential, commercial or institutional subdivision or development.

Question 8:

Answer YES if greater than 0.25 acre of wetlands exist within the property boundary that are not being directly impacted as part of this application/registration. **If YES, provide total remaining wetland acreage.**

Question 9:

Answer YES

if you proposing to protect the wetland area(s) through a deed restriction or conservation easement that follows the Corps' Model Protective Covenants. If YES, attach a copy of the proposed deed restriction or conservation easement to this form and submit with your application / registration form. If you answer NO it is a Reporting action.

Question 10:

Answer YES

if temporary impacts associated with a Single and Complete Project will be in place greater than 1 year.

Also, answer YES if you are requesting an extension of an existing DEP Chapter 105 GP-8 or GP-11 acknowledgement that will result in the temporary impacts now exceeding one year.

Question 11:

Answer YES

if you are proposing to do work in the Delaware River (upstream from the U.S. Route 202 Bridge in New Hope, Pennsylvania.) and/or the Lehigh River (from the mouth to FE Walter Dam, located in Carbon and Luzerne County, Pennsylvania between March 15 and June 30.

Question 12:

Answer YES

if your project is proposed in one of the following waterways occupied by Federally listed, proposed, or candidate mussels or fish, or in waters of the United States within 300 feet of these listed waterways.

WATERWAYS	COUNTY					
Allegheny River (from Kinzua Dam to the Ohio River)	Armstrong, Clarion, Forest, Venango, Warren,					
Conewango Creek	Warren					
French Creek	Crawford, Erie, Mercer, Venango					
Conneaut Outlet	Crawford					
Conneautee Creek	Crawford					
LeBoeuf Creek	Erie					
Muddy Creek	Crawford					
Shenango River (Pymatuning Reservoir to Big Bend)	Crawford and Mercer					
Delaware River	Monroe, Pike, Wayne					
Cussewago Creek	Crawford					
Little Mahoning Creek	Indiana					
Little Shenango River	Mercer					
Oil Creek	Venango					
West Branch of French Creek	Erie					
Woodcock Creek	Crawford					

Question 13:

Answer YES

if your completed PNDI search identifies a potential conflict(s) for a Federally listed species.

And you have received additional documented clearance from the USFWS, a "No Effect" determination from the Corps, or agree through signing the PNDI receipt to comply with the avoidance measures associated with Federally listed species in completing the proposed work **If you answer NO it is a Reporting action.**

Question 14:

Answer YES

if you have any pending applications/registrations with DEP or the Corps that are necessary for your total proposed project to function and meet its intended purposed. **If YES, provide the following information:**

Application/registration Number / Type: The application/registration number given by DEP, if known. If unknown, the application/registration type, enter DEP General Permit, Joint Permit Application, Dam Permit, Environmental Assessment, etc.

3150-PM-BWEW0051 Rev. 3/2018
Checklist
pennsylvania
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COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF WATERWAYS ENGINEERING AND WETLANDS

PASPGP-5 REVIEW CHECKLIST

proje	ct will be e	either	a U.S. Army Corp	of Engine	eer's Reporting (or Non-Reporting	cants to determine if a proposed action. It is not required to be during the permit review.						
Applic	ant / Projec	t Name	e:			Co	ounty(ies):						
YES [□ NO □	1.	Is any of the propo- ineligible waterbodie				n water mark (OHWM) of any of the						
YES [□ NO □	2.	Does the proposed groundwater into or				gallons per day of surface water or ed)?						
YES [□ NO □	3.					Projects that propose the permanent rub wetlands in association with a						
YES [□ NO □	4.	Department of the	Army auth GP process	norization has been sed by the Corps	en issued through	an Individual Permit, a Nationwide						
	Authorizati	on	Authorization	Date		Federal Pe	rmitted Impacts						
	Туре		Number	(mm/dd/y	уууу) Т	Vetlands	Waters						
YES [5.	Does the proposed	project rec	uire the preparation	on of an Environmer	ntal Impact Statement?						
YES [6.	Does the proposed	loes the proposed regulated activity or area of indirect impact (secondary impact) extend across state oundaries (i.e., the work in not wholly located within the Commonwealth of Pennsylvania)?									
YES [□ NO □	7.	Does the Single ar or institutional subo			nolly located within the Commonwealth of Pennsylvania)? pject involve the construction or expansion of a residential, commercial lopment? tland(s) exist within the property boundary that are not proposed to be							
YES [□ NO □	8.											
YES [□ NO □	9.	Are you proposing that follows the Co				restriction or conservation easement						
YES [□ NO □	10.	Does the proposed than 1 year?	d work tem	porarily impact wa	ters and/or wetland	ds that will remain in place for more						
YES [□ NO □	11.	Hope, Pennsylvan	ia.) and/or	the Lehigh River	(from the mouth to	Francis E. Walter Dam, located in						
YES [□ NO □	12.	Does the proposed	work occu	r in any of the wate	ers listed in the instr	ructions?						
YES [□ NO □	13.	Will you comply wit	h all of the	identified conserva	ation measures?							
YES [□ NO □	14.					Environmental Impact Statement? It impact (secondary impact) extend across state e Commonwealth of Pennsylvania)? It impact (secondary impact) extend across state e Commonwealth of Pennsylvania)? It impact (secondary impact) extend across state e Commonwealth of Pennsylvania)? It impact (secondary impact) extend across state e Commonwealth of Pennsylvania)? It impact (secondary impact) extend across state e Commonwealth of Pennsylvania)? It impact (secondary impact) extend across state e Commonwealth of Pennsylvania)? It impact (secondary impact) extend across state e Commonwealth of Pennsylvania)? It impact (secondary impact) extend across state e Commonwealth of Pennsylvania)? It impact (secondary impact) extend across state e Commonwealth of Pennsylvania)? It impact (secondary impact) extend across state e Commonwealth of Pennsylvania)? It impact (secondary impact) extend across state e Commonwealth of Pennsylvania)? It impact (secondary impact) extend across state e Commonwealth of Pennsylvania)? It impact (secondary impact) extend across state e Commonwealth of Pennsylvania)? It impact (secondary impact) extend across state e Commonwealth of Pennsylvania)? It impact (secondary impact) extend across state e Commonwealth of Pennsylvania)? It impact (secondary impact) extend across state e Commonwealth of Pennsylvania)? It impact (secondary impact) extend across state e Commonwealth of Pennsylvania)? It impact (secondary impact) extend across state e Commonwealth of Pennsylvania)? It impact (secondary impact) extend across state e Commonwealth of Pennsylvania)? It impact (secondary impact) extend across state e Commonwealth of Pennsylvania)? It impact (secondary impact) extend across state e Commonwealth of Pennsylvania)? It impact (secondary impact) extend across state e Commonwealth of Pennsylvania)? It impact (secondary impact) extend across state e Commonwealth of Pennsylvania)? It impact (secondary impact) extend across state e Commonwealth of Pennsylvania)? It impact (secondary						
	Application Num	on / Renber /	egistration Type Proje	ct Name	Date of Submittal to DEP (mm/dd/yyyy)	DEP / CCD Reviewing Office	Corps Reviewing Office						
-													



Wetland Impact:

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF WATERWAYS ENGINEERING AND WETLANDS

Applicant's Name / Client	
Applicant o Hamo / Ghont	

AQUATIC RESOURCE IMPACT TABLE FOR PENNSYLVANIA CHAPTER 105 WATER OBSTRUCTION AND ENCROACHMENT APPLICATION/REGISTRATION APPLICATION

Please begin to complete the Aquatic Resource Impact Table by including the Applicant's Name / Client (upper right of the page) for each page. Also, complete the Project / Site Name (upper left of the table) and the date of application/registration package submission (upper right of the table, under Applicant's Name / Client). Then complete one row of data for each regulated (PA DEP Chapter 105) structure or activity and type of impact for the proposed project based on the instructions for each column below; add additional worksheets if needed. Provide completed Aquatic Resource Impact Table with **Chapter 105 Water Obstruction and Encroachment application/registration;** DO NOT submit instructions (page 1) for this table.

DEP Permit Number:	leave blank, it will be completed by DEP upon permit acknowledgment/issuance/verification.
Single Complete Crossing No.:	leave blank, it will be completed by DEP upon permit acknowledgment/issuance/verification.
Crossing Number:	leave blank, it will be completed by DEP upon permit acknowledgment/issuance/verification.
Food	use the Chanter 105 Fee Coloulation Westernet 2150 DM DWFMOSE2 to determine applicable fee(a) if needed
Fees	use the Chapter 105 Fee Calculation Worksheet 3150-PM-BWEW0553 to determine applicable fee(s), if needed.
Project Information	provide the appropriate information based on the details on each impact for the project
Structure / Activity Identifier:	provide a unique identifier for each regulated structure and/or activity being proposed, typically a name and number; this same unique identifier
,	should be used in all aspect of the permit registration/application package. (i.e. GP-5-1, GP-5-2)
Aquatic Resource Type	provide the type of aquatic resource (based on watercourse, floodway or wetland) being impacted;
Watercourse:	provide the type of watercourse being impacted: perennial or intermittent stream
Floodway:	provide the type of floodway being impacted: crossing or paralleling to the stream
Wetland:	provide the type of wetland being impacted: PEM, PSS, PFO or POW wetland
Latitude (nad83):	provide the latitude of the aquatic resource impact in decimal degrees
Longitude (nad83):	provide the longitude of the aquatic resource impact in decimal degrees
Waters Name:	provide the name of the stream or other body of water (if available)
PA Code Chapter 93 Designation:	provide the Chapter 93 designation for the aquatic resource (i.e. HQ-CWF, WWF, EV, MF)
PA DEP Chapter 105 Impacts	provide the appropriate information based on the details on each impact for the project
Work Proposed:	provide the type of work proposed to impact the resource; aerial utility line, horizontal drill/boring, trench excavation or placement of fill
PADEP Impact Type:	provide the type of aquatic resource impact; temporary or permanent.
Watercourse Impact:	provide the length and width in feet of impact, indicate "n/a" if impact is to a wetland.
Floodway Impact:	provide the length and width in feet of direct and indirect/secondary 100-year floodway impact, indicate "n/a" if impact is to a wetland.

Project / Site Name: Example Project Date: 2018														
DE	P USE ON	ILY		Project Information							PA DEP / 105			
PADEP Permit Number	Single Complete Crossing No.	Crossing Number	Fee	Structure / Activity unique identifier	Aquatic Resource Type	Latitude dd nad83	Longitude dd nad83	Waters Name	PA Code Chapter 93 Designation	Work Proposed	DEP Impact Type temp / perm	Watercourse Impact Top of Bank to Top of Bank Length and Width in feet	Floodway Impact Top of Bank Landward Length and Width in feet	Wetland Impact Dimensions Length and Width in feet
			250	GP-5-1	Perennial	417710531	77152930	Dunn Creek	CWF	Excavation	Temp	50 - 30	N/A	N/A
			N/A	GP-5-1	Perennial	417710531	77152930		CWF	Excavation	Temp	N/A	100 - 30	N/A
			250	GP-5-2	PEM	417710618	77152945			Excavation	Temp	N/A	N/A	10 - 30
			350	GP-7-1	Perennial	417710618	77152945	Dunn Creek	CWF	Excavation	Perm	20 - 30	100 - 30	

provide the length and width in feet of impact to wetlands; indicate "n/a" if impact is to a watercourse.

NOTE: Form 3150-PM-BWEW0557 or equivalent must be printed/submitted for this General Permit Registration or Joint Permit Application.



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF WATERWAYS ENGINEERING AND WETLANDS

Applicant's Name / Client	
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AQUATIC RESOURCE IMPACT TABLE FOR PENNSYLVANIA CHAPTER 105 WATER OBSTRUCTION AND ENCROACHMENT APPLICATION / REGISTRATION

Project /	Project / Site Name: Date:													
DEP USE ONLY Project Information									F	PADEP / 105	5			
PADEP Permit Number	Single Complete Crossing No.	Crossing Number	Fee	Structure / Activity unique identifier	Aquatic Resource Type	Latitude dd nad83	Longitude dd nad83	Waters Name	PA Code Chapter 93 Designation	Work Proposed	DEP Impact Type temp / perm	Watercourse Impact Top of Bank to Top of Bank Length and Width in feet	Floodway Impact Top of Bank Landward Length and Width in feet	Wetland Impact Dimension Length and Width in feet
												-	-	-
												-	-	-
												-	-	-
												-	-	-
												-	-	-
												-	-	-
												-	-	-
												-	-	-

PADEP Impact Type: temporary or permanent.

<u>Permanent Impacts</u> are those areas affected by a water obstruction or encroachment that consist of both direct and indirect impacts that result from the placement or construction of a water obstruction or encroachment and include areas necessary for the operation and maintenance of the water obstruction or encroachment located in, along or across, or projecting into a watercourse, floodway or body of water.

<u>Temporary Impacts</u> are those areas affected during the construction of a water obstruction or encroachment that consists of both direct and indirect impacts located in, along or across, or projecting into a watercourse, floodway or body of water that are restored upon completion of construction. This does not include areas that will be maintained as a result of the operation and maintenance of the water obstruction or encroachment located in, along or across, or projecting into a watercourse, floodway or body of water (these are considered permanent impacts).