

**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATERWAYS ENGINEERING AND WETLANDS
GENERAL PERMIT
BWEW-GP-3
BANK REHABILITATION, BANK PROTECTION AND
GRAVEL BAR REMOVAL**

TABLE OF CONTENTS

	<u>Page</u>
INSTRUCTIONS FOR USING THE GENERAL PERMIT	i
 <u>PART ONE: APPLIES SPECIFICALLY TO BWEW-GP-3</u>	
A. GENERAL DESCRIPTION AND FEES.....	1-1
B. SITES AND CONDITIONS WHERE THIS GENERAL PERMIT DOES NOT APPLY.....	1-1
C. DEFINITIONS APPLICABLE TO THIS GENERAL PERMIT.....	1-2
D. PROJECT DESIGN AND CONSTRUCTION CRITERIA	1-2
E. ADDITIONAL CRITERIA FOR BANK REHABILITATION AND PROTECTION	1-3
F. ADDITIONAL CRITERIA FOR REMOVAL OF GRAVEL BARS	1-5
G. AUTHORITY AND CONTINUING AUTHORIZATION.....	1-6
 <u>PART TWO: APPLIES TO BWEW-GP-3 AND OTHER BWEW GENERAL PERMITS</u>	
A. REGISTRATION OF PROPOSED USE OF GENERAL PERMITS	2-1
B. DENIAL OF AUTHORIZATION	2-2
C. STANDARD DEFINITIONS FOR GENERAL PERMITS.....	2-2
D. PRECONSTRUCTION REQUIREMENTS FOR ALL PROJECTS.....	2-3
E. OTHER PRECONSTRUCTION REQUIREMENTS WHERE APPLICABLE.....	2-4
F. STANDARD PROVISIONS OF THE GENERAL PERMIT	2-4
 <u>ATTACHMENTS:</u>	
DRAWING NO. 1 - SAMPLE LOCATION MAP	
DRAWINGS NO. 2 TO 14 - SAMPLE PROJECTS WITH CRITERIA	
EXHIBIT A - OFFICES OF THE PENNSYLVANIA FISH AND BOAT COMMISSION	
EXHIBIT B - REGIONAL OFFICES OF THE DEPARTMENT OF ENVIRONMENTAL PROTECTION AND U.S. ARMY CORPS OF ENGINEERS DISTRICT OFFICES	
EXHIBIT C - COUNTY CONSERVATION DISTRICTS	
GENERAL PERMIT REGISTRATION FORM (INCLUDES SINGLE AND COMPLETE PROJECT SCREENING QUESTIONNAIRE)	
PENNSYLVANIA NATURAL DIVERSITY INVENTORY FORM	

**INSTRUCTIONS FOR USING THE GENERAL PERMIT
BWEW-GP-3
Bank Rehabilitation, Bank Protection and
Gravel Bar Removal**

PRIOR TO REGISTRATION TO USE:

1. Carefully review the definitions and requirements of the General Permit (Part One and Part Two) to determine if your project can qualify for authorization under this General Permit. Refer to Part One, Section B regarding area restrictions and Part One, Sections D, E and F regarding criteria. If your project cannot be authorized under the General Permit, you may request approval of an individual permit by submitting an application to the appropriate Permitting and Technical Services Section in the Regional Office as listed on Exhibit B.
2. Locate your project on a United States Geological Survey (U.S.G.S.) 7½ Minute Quadrangle Map¹ and prepare a project LOCATION MAP, utilizing a photocopy of the U.S.G.S. Quadrangle Map.
3. Complete the Pennsylvania Natural Diversity Inventory (PNDI) Form and submit it to the person conducting the online PNDI Project Planning and Environmental Review Tool search. This person performing the search could be someone from DEP, the County Conservation Districts, or a consultant. Alternatively, if you plan to conduct the PNDI online search yourself – a search form is not needed prior to the PNDI online search.

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

4. Your project may also require a permit from the U.S. Army Corps of Engineers under section 404 of the Federal Clean Water Act, sections 9 and 10 of the Rivers and Harbors Act and/or section 103 of the Marine Protection, Research and Sanctuaries Act. The registration to use this State General Permit does not relieve you of the obligation to comply with, and the State is not authorized to address, these Corps of Engineers' requirements. Therefore, in order to avoid violation of Federal statutes, please contact the appropriate U.S. Corps of Engineers District Office listed below to determine whether a Federal permit is required for your project.

Delaware River Basin
Philadelphia Dist. Corps of Engineers
Wanamaker Bldg., 100 Penn Square East
Philadelphia, PA 19107
(215) 656-6725

Susquehanna River Basin
Baltimore Dist. Corps of Engineers
P.O. Box 1715
Baltimore, MD 21203-1715
(410) 962-1846 or (814) 235-0570

Ohio River Basin and Lake Erie Basin
Pittsburgh Dist. Corps of Engineers
Regulatory Branch
1000 Liberty Avenue
Pittsburgh, PA 15222
(412) 395-7152

5. For any earthmoving activity² associated with your project, prepare the Erosion and Sediment Control Plan which must be reviewed and determined satisfactory by the County Conservation

¹ Commonly called "topographic maps", U.S.G.S. Quadrangles may be available from local merchants dealing in books, hunting supplies and camping equipment.

² For the definition of earthmoving activity, see Part Two, Section C.

District in the county where your project is located. The required Erosion and Sediment Control Plan must be prepared and submitted to the Conservation District for review prior to or concurrent with your registration to use the General Permit.

6. Take color photographs of the project area showing the scope of the project and existing condition of the bank and/or gravel bar. Prepare two sets of these photos, mount on 8½" x 11" pages and label each photo with a brief description of what is shown and the date photos were taken.

THE REGISTRATION PROCEDURE:

7. Fill in all information on the GENERAL PERMIT REGISTRATION form and make multiple copies. Send one copy each to the municipality and the county in which the project is located.
8. To register use of the General Permit, prepare a complete registration "package" consisting of:
 - Two copies of the GENERAL PERMIT REGISTRATION form
 - Two copies of the LOCATION MAP
 - Two copies of the PNDI Form and an initialed search receipt
 - Two sets of COLOR PHOTOGRAPHS (mounted with dates and descriptions)

Send these items to either:

- The County Conservation District for projects located in all counties where there is a delegation agreement (See Exhibit C).
- OR-
- The Permitting and Technical Services Section having responsibility for the counties where there is no delegation agreement with the County Conservation District (see Exhibit B).
9. If you are also applying for an individual Water Obstruction and Encroachment Permit to authorize related work, you may register to use the General Permit in conjunction with your individual permit application (see Part Two, Section A, Item 2).

BEFORE AND DURING CONSTRUCTION:

10. Do not begin work until:
 - a. You have received an acknowledgement from the Permitting and Technical Services Section or County Conservation District that your General Permit Registration form has been received and registered.
 - b. Your Erosion and Sediment Control Plan has been reviewed and determined to be satisfactory by the County Conservation District.
 - c. You have notified the Pennsylvania Fish and Boat Commission and the County Conservation District 10 days prior to start of construction (See Part Two, Section D).
 - d. You have obtained any other Federal, State or local permits which may be required, including written authorization from the U.S. Army Corps of Engineers for gravel bar removal.
 - e. You have complied with any other applicable preconstruction requirements as listed in Part Two, Section E.
 - f. You have provided written notifications to the municipalities and county where the projects are located prior to the start of construction.
11. During construction of your project, you are responsible for adhering to all terms and conditions of the General Permit, including your approved Erosion and Sediment Control Plan and all applicable design and construction criteria in Part One, Sections D, E and F.

**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATERWAYS ENGINEERING AND WETLANDS
GENERAL PERMIT
BWEW-GP-3
BANK REHABILITATION, BANK PROTECTION AND
GRAVEL BAR REMOVAL**

PART ONE

- A. GENERAL DESCRIPTION AND FEES** - The Department of Environmental Protection hereby authorizes, by general permit, subject to the terms and criteria set forth below, the installation, operation, modification and maintenance of bank rehabilitation and protection projects and the removal of gravel bars in and along the regulated waters of this Commonwealth. **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).**
- B. SITES AND CONDITIONS WHERE THIS GENERAL PERMIT DOES NOT APPLY** - This General Permit does not apply and is not valid in the following situations. Where the General Permit is not applicable, you may request approval of an individual permit by submitting an application to the appropriate Permitting and Technical Services Section in the Regional Office (See Exhibit B).
1. Historical, 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. This information is available from the Pennsylvania Historical and Museum Commission, 400 North Street, Second Floor, Harrisburg, PA 17120-0093, telephone (717) 783-8946.
 2. Sites identified in the latest published version of the National Registry of Natural Landmarks.
 3. Wetlands.
 4. Construction activities in stocked trout streams from March 1 through June 15, in wild trout streams from October 1 through December 31, and in Lake Erie tributaries from March 1 through June 15 and from September 1 through December 31, unless approval is obtained from the Pennsylvania Fish and Boat Commission's Division of Environmental Services (See Exhibit A). Stocked and wild trout stream locations are compiled by the Commission's Division of Fisheries Management (see Exhibit A).
 5. Projects involving channel relocation, channel realignment, or placement of fill to construct berms or levees.
 6. Any project having a scope of work which is greater in length than 500 linear feet measured along a single continuous reach of stream channel.
 7. Projects involving the installation of tires for bank protection.
 8. The removal of vegetated gravel bars.
 9. Projects requiring excavation of mudflats in the tidal waters of the Delaware River.
 10. Projects located where there would be an impact on species of special concern listed under the Endangered Species Act of 1973, the Wild Resources Conservation Act, the Fish and Boat Code or the Game and Wildlife Code. Records regarding species of special concern are maintained in a computer database called the "Pennsylvania Natural Diversity Inventory" (PNDI). To verify that there will be no such impacts for a specific project, the Department requires submission of the attached PNDI Form and an initialed search receipt.

11. Areas in or within 100 feet of a watercourse designated wild in the National or State Scenic Rivers system in accordance with the National Wild and Scenic Rivers Act of 1968 or the Pennsylvania Scenic Rivers Act. For details on scenic river classifications, contact the DCNR, Division of Greenworks and Conservation Partnerships, Pennsylvania Scenic Rivers Program, P.O. Box 8475, Harrisburg, PA 17105-8475, telephone (717) 787-2316.
12. Gravel bar removal in streams or water bodies designated Exceptional Value Waters as defined and listed in Chapter 93 (relating to water quality standards).

C. DEFINITIONS APPLICABLE TO THIS GENERAL PERMIT - The following words and terms, when used in this General Permit, have the following meanings:

BANK REHABILITATION AND BANK PROTECTION - To restore and/or protect the bank of a stream, lake, pond or reservoir against erosion, scour or sloughing by utilizing any of the following: slope protection, dumped rock protection, cribbing, walls, channel deflectors, vegetative stabilization techniques.

CHANNEL REALIGNMENT - Any alteration of the stream channel alignment which involves excavation into an existing stream bank.

CONCRETE RUBBLE - Broken concrete in pieces not to exceed 5 feet in length where neither the width or thickness is less than 1/3 its length and all reinforcing is removed flush with the face of the concrete.

DUMPED ROCK PROTECTION - Sound, durable stone or concrete rubble, insoluble in water and placed by dumping for the purpose of protecting against erosion, scour or sloughing of a bank. To resist transport by flowing water, National Stone Association R-7 is the minimum size rock which shall be used for dumped rock protection.

FILTER LAYER - Well-graded, hard, durable, non-soluble particles (free from muck, topsoil, organic matter or rubbish) or geotextile fabric, placed under slope protection to prevent the natural soil of the bank from being washed away through the slope protection layer.

GRAVEL BARS - Alluvial deposits in stream channels, including accumulations of gravel, glacial till, sediment, silt and flood debris, which obstruct and redirect flow, and which are thereby associated with stream bank erosion.

RIPRAP - A layer, facing or protective mound of stone in random size pieces, selectively placed to prevent erosion, scour or sloughing of a bank.

SLOPE PROTECTION - A layer or facing of sound, durable rock or similar material (natural or manmade), insoluble in water, selectively placed by hand or machine and sized to resist transport by flowing water.

VEGETATED - An area having greater than 50 percent surface coverage of persistent vegetation during the growing season (undisturbed by acts of man). Persistent vegetation is defined as having a predominance of perennial plant species with the exclusion of first year class seedlings of woody vegetation (shrubs and trees). The vegetational groupings to be considered consist of grasslikes, grasses, forbs, vines, shrubs and trees.

D. PROJECT DESIGN AND CONSTRUCTION CRITERIA

1. The use of this General Permit is limited to activities which constitute a single, complete project in and along a continuous reach of stream channel not exceeding 500 feet in length. Multiple registration and use of this General Permit for the purpose of extending a project activity beyond the maximum length is prohibited; however, the Department will consider

authorizing more extensive projects upon receipt of an application for an individual Water Obstruction and Encroachment Permit. Because this General Permit authorizes only single, complete projects, repeated projects each require a separate registration of General Permit use.

2. Construction of the bank rehabilitation, bank protection project or removal of a gravel bar should not constrict or increase the normal channel width. The configuration of the shoreline shall remain substantially the same and the work shall align smoothly with, and not project further into the channel than adjacent upstream and downstream banks. The upstream and downstream ends of a bank rehabilitation or bank protection project shall be keyed into the stream bank to ensure stability.
3. Construction and other activities authorized by this General Permit shall be performed in a manner that minimizes use of equipment within the stream channel or body of water.
4. Bank rehabilitation, bank protection and gravel bar removal shall take place during periods when the stream is at low flow.
5. To the greatest extent possible, the project shall be designed and constructed in a manner which will (a) prevent permanent or long-term adverse changes in water quality, (b) minimize alterations in natural aquatic habitat and (c) maintain natural streamflow velocities and mixing patterns.
6. The placement of fill higher than the elevation of the existing stream banks, the construction of levees, the realignment or relocation of the channel, dredging activities in water and excavation below existing water level are not authorized by this General Permit.
7. Bank rehabilitation, bank protection and gravel bar removal projects shall not extend across adjacent property lines without the written permission of all affected property owners.
8. During construction activities, all public and private property including existing vegetation, landscape features and monuments within, along and adjacent to the work area, shall be protected and preserved to the maximum degree possible. This shall include, but not be limited to, precautions taken to minimize damage, erosion, injury or destruction; prevent pollution; provide protection of all trees and other woody plants; special care being taken to protect the natural vegetation and surroundings to include all natural drainageways, ponds, lakes, wetlands, woods and fields; and storage of materials in such manner to prevent leaching which would be injurious to soils and to plants. Precautions should be taken to prevent damage to pipes, conduits and other underground structures.
9. 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.
10. As part of the registration to use this General Permit, the owner shall submit duplicate sets of labeled color photographs which show the scope of the project and the existing condition of the bank to be protected and/or the gravel bar to be removed. The two sets of photographs shall be mounted on 8½" x 11" sheets. The date of photography and a written description of what is shown shall be provided for each photograph.

E. ADDITIONAL CRITERIA FOR BANK REHABILITATION AND PROTECTION

1. Slope protection and dumped rock protection shall not exceed the placement of a maximum of 1 cubic yard per running foot below the plane of the ordinary high water mark or the high tide line (in order to be consistent with the requirements of the Corps of Engineers). Where slope protection or dumped rock protection is required to be placed in the floodway or

floodplain above the plane of the ordinary high water mark or the high tide line, an additional 1 cubic yard per running foot of stream is authorized.

2. Riprap and other types of slope protection, except for vegetative stabilization and dumped stone protection, should be constructed in two layers.
 - (A) An outer layer of massive particles to resist the forces of moving water.
 - (1) The outer layer or principal protection layer should consist of well-graded particles. It is recommended that riprap slope protection shall be sized in accordance with the following Table E(2) designated DESIGN PARAMETERS FOR RIPRAP.
 - (2) The protecting layer should be placed to a minimum thickness approximately 6 inches greater than the maximum particle size, or in accordance with the following Table E(2) for riprap design.
 - (B) An underlying filter layer of fine material or filter fabric.
 - (1) Satisfactory filter materials are mixtures of gravel and clean sand with about 80% of the material ranging between 2 inches and 1/4 inch. An alternative is a commercially available geosynthetic filter fabric that will allow drainage without loss of bank material.
 - (2) The gravel filter layer should be placed to a thickness in accordance with the following Table E(2) for riprap design.
3. Grouting of slope protection or dumped rock protection is not authorized by this General Permit.

TABLE E(2). DESIGN PARAMETERS FOR RIPRAP

NATIONAL STONE ASSOCIATION NUMBER	AVERAGE SIZE OF STONE IN INCHES	RANGE OF STONE SIZE IN INCHES	RECOMMENDED PLACEMENT THICKNESS IN INCHES	RECOMMENDED FILTER THICKNESS IN INCHES	MAXIMUM ALLOWABLE STREAMFLOW VELOCITIES IN FEET PER SECOND	
					1.5 HORIZONTAL TO 1 VERTICAL SLOPE	2 HORIZONTAL TO 1 VERTICAL SLOPE
R-4	6	3 TO 12	15	4	8	10
R-5	9	5 TO 18	24	6	11	12
R-6	12	7 TO 24	30	8	13	14
R-7	15	12 TO 30	36	10	14	16

4. Only clean, nonpolluting materials shall be used for bank rehabilitation and protection projects in order to minimize excessive turbidity by leaching of fines as well as to preclude entrance of undesirable chemical constituents to the watercourse by natural runoff or leaching.
5. Slag is not authorized for use under this General Permit unless it qualifies as a co-product which is suitable for the specific use.
6. Along streams which are classified priority 1-A or designated Scenic Rivers, it is recommended that bank protection and rehabilitation projects shall maintain the natural character of the bank by incorporating vegetation (see Drawing Nos. 11, 12 and 13). However, woody vegetation shall not be incorporated in riprap protection. The use of concrete rubble for dumped rock protection is prohibited along Scenic Rivers.
7. Dumped rock protection shall have a maximum exterior slope of 1.5 horizontal to 1.0 vertical and a minimum top width of 18 inches at the top of the zone to be protected, as shown on Drawing No. 3B. No filter layer is required for dumped rock protection using well-graded rock. National Stone Association R-7 rock is the minimum rock size to be used for dumped rock protection.
8. Slope protection should not be placed with an exterior slope steeper than 1.5 horizontal to 1.0 vertical.
9. For rock riprap installations, a trench must be excavated at the toe of the slope to provide a supporting base. This trench should be extended to an elevation of at least 2 feet below the streambed level and be filled with the same material as the outer protection layer.
10. Immediately following completion of the project all disturbed slopes shall be stabilized to prevent accelerated erosion in accordance with the approved Erosion and Sediment Control Plan.
11. Bank rehabilitation and bank protection projects shall be maintained in a functional condition at all times. Periodic removal of debris deposited on the bank project may be necessary.
12. Each bank rehabilitation and bank protection project shall not hinder commercial or recreational navigation nor interfere with the normal migration of fish.
13. Channel deflectors may not extend from the bank into the channel a distance greater than 25% of the total channel width, and may not extend above the normal water flow a distance greater than 6 inches at the streamward tip.
14. The maximum height of a vertical wall authorized under this General Permit is 6 feet measured from the top of wall to the streambed or lakebed adjacent to the wall.

F. ADDITIONAL CRITERIA FOR REMOVAL OF GRAVEL BARS

1. The gravel bar removal shall be completed as a single operation in as short a time period as possible. Such projects shall follow the procedures for channel restoration projects contained in the Department's Erosion and Sediment Pollution Control Program Manual, which is available from the County Conservation District Offices.
2. Removal of a gravel bar shall be limited to periods of low flow; **a gravel bar shall be removed only to a depth 6 inches above the water level at time of the project.** For streams where there are periods of no flow, depth of gravel bar removal is limited to 6 inches above the elevation of the streambed so as not to disturb the existing low flow channel.

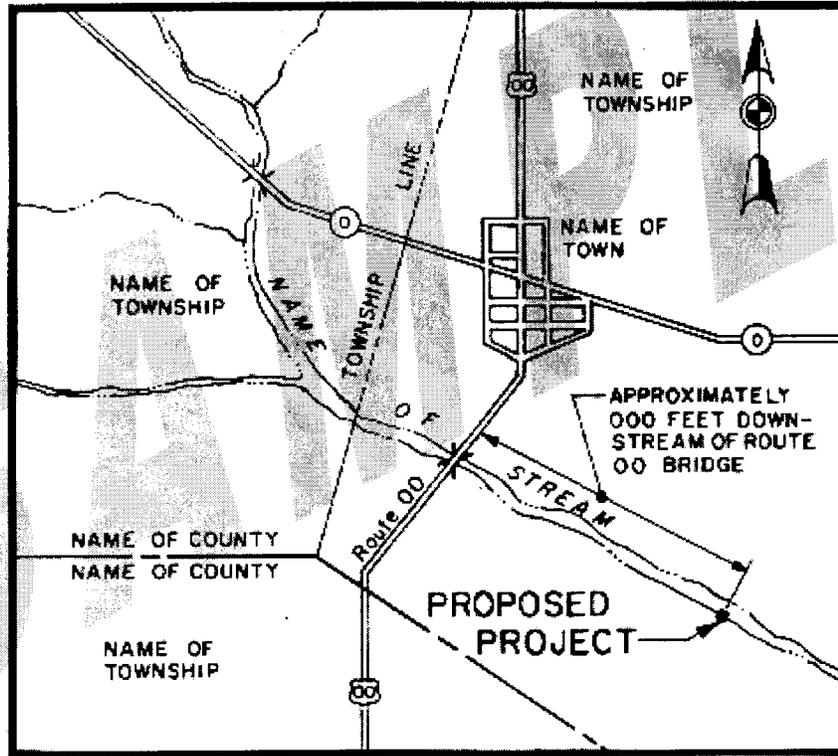
3. The equipment operator or contractor shall be informed of the conditions of this General Permit regarding gravel bar removal and shall be provided with working drawings that clearly show the limits of excavation in accordance with the criteria of this General Permit.
4. Bulldozing of the gravel bar material in or across the stream channel is prohibited. Excavation into a streambed or into a streambank adjacent to a gravel bar is prohibited.
5. Material removed from the stream channel shall be deposited outside regulated waters of the Commonwealth including the floodway and any wetlands adjacent to the project, except when the material is suitable and used for bank reconstruction. When the excavated material is to be used to rebuild opposite streambanks, the material shall be hauled (and not pushed) to the placement location.
6. Clean gravel bar material may be used only as an underlying fill or filter material to reconstruct and stabilize an adjacent streambank where the work can be performed in accordance with Part One, Section E, Item 2 of this General Permit. Gravel bar material used in this manner shall be faced with an outer layer of adequately sized slope protection. Gravel bar material which is removed shall not be used for dumped rock protection as defined in this General Permit.
7. In accordance with §105.233 of Chapter 105 rules and regulations, the removal of sand, gravel or other minerals from submerged lands of this Commonwealth, in quantities which are commercially usable or marketable, shall require a written agreement from and royalty payments to the Commonwealth.
8. Gravel bar removal on lands owned or administered by the Commonwealth as State Parks, State Game Lands or State Forests shall require prior written approval from the administering agency.
9. Gravel bar removal may have limited long-term benefits where there is a streambank erosion problem. Therefore, the use of bank rehabilitation and bank protection measures in conjunction with gravel bar removal is recommended.
10. The owner is advised that a permit from the U.S. Army Corps of Engineers may be required for gravel bar removal projects (see Instructions, Item 4).

G. AUTHORITY AND CONTINUING AUTHORIZATION - Authorization of this General Permit is under section 7 of the Dam Safety and Encroachments Act 32 P.S. §693.7 and the rules and regulations promulgated thereunder at 25 Pa. Code §§105.441-105.449 (relating to General Permits). This General Permit shall authorize the continued operation and maintenance of bank rehabilitation and protection authorized by General Permit BWEW-GP-3 (Bank Rehabilitation and Protection) issued on July 23, 1983 and reauthorized July 23, 1988 and August 20, 1988.

GENERAL PERMIT:

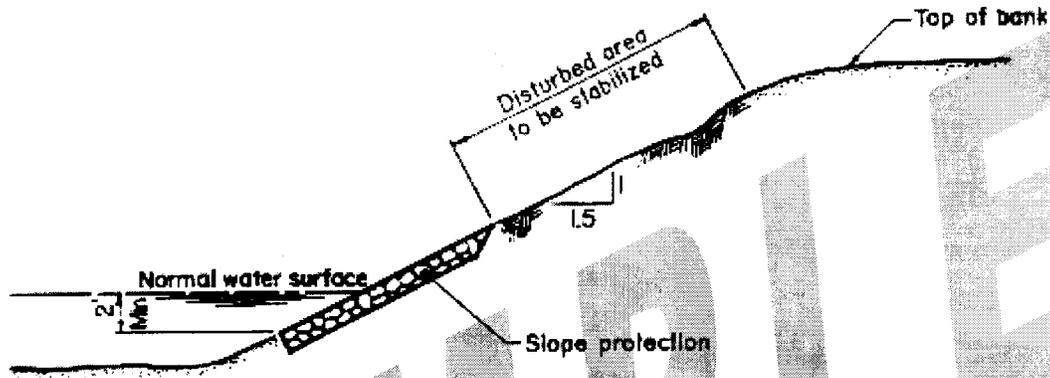
SAMPLE LOCATION MAP

Dwg. No. 1



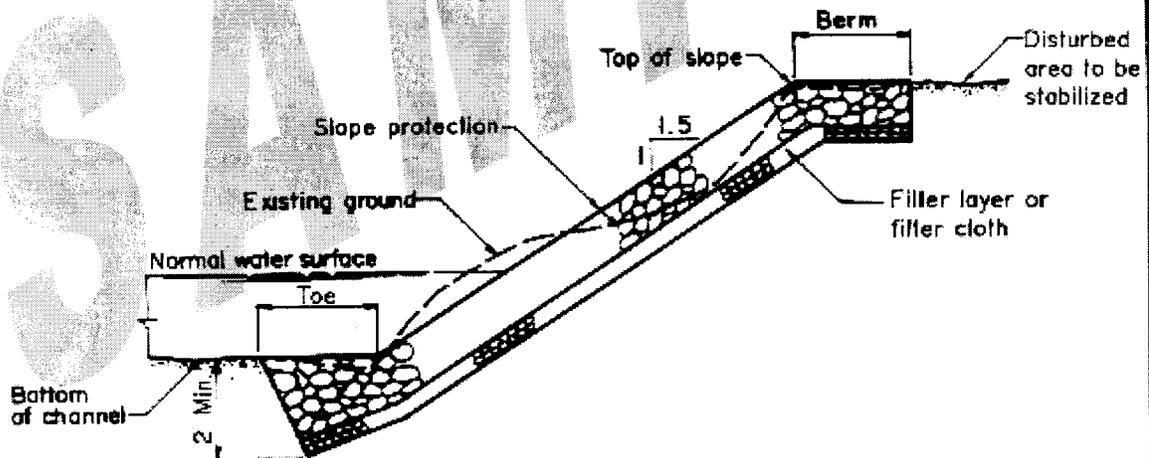
NOTE: Use of a photocopy of the U.S.G.S. quadrangle map(s) is recommended.

GENERAL PERMIT: B.D.W.W. GP-3
Bank Rehabilitation and Protection
Dwg. Nos. 2A & 2B
SLOPE PROTECTION



TYPICAL SECTION - LAKE BANK PROTECTION

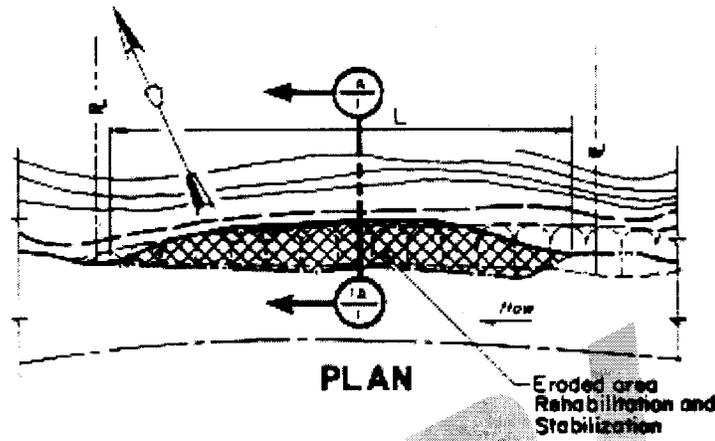
2A



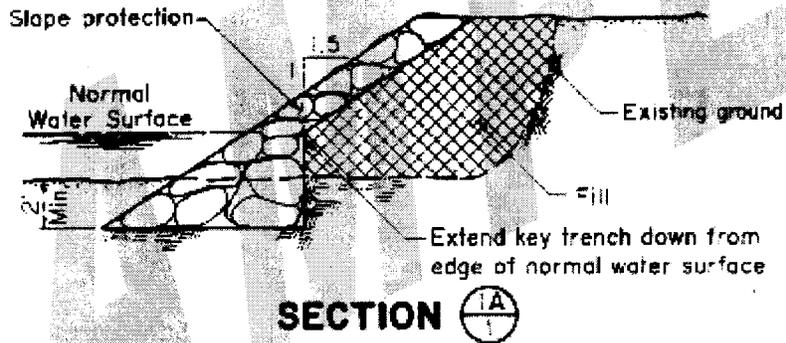
TYPICAL SECTION - STREAM BANK PROTECTION

2B

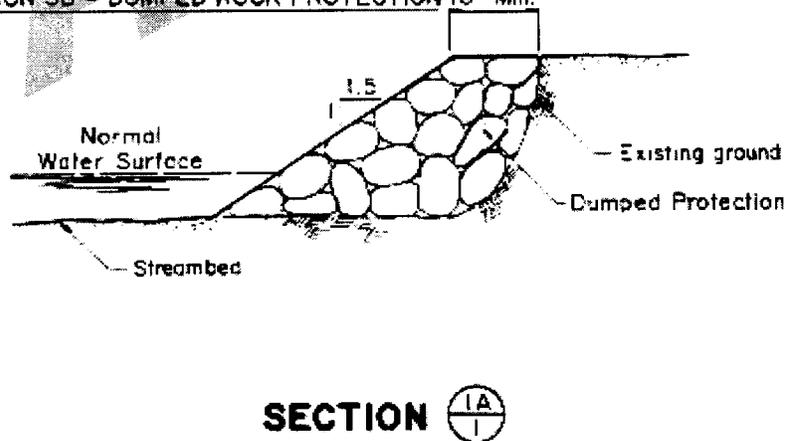
GENERAL PERMIT: B.D.W.W. GP-3
 Bank Rehabilitation and Protection
 Dwg. Nos. 3A & 3B SLOPE AND DUMPED PROTECTION



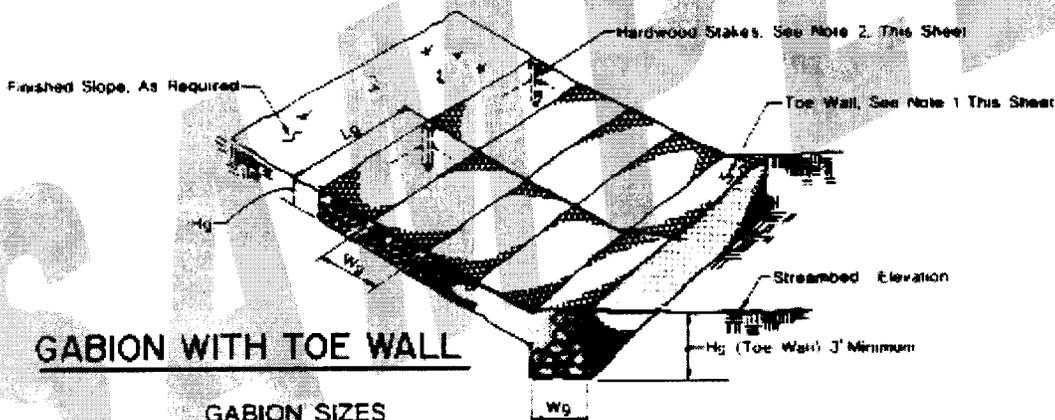
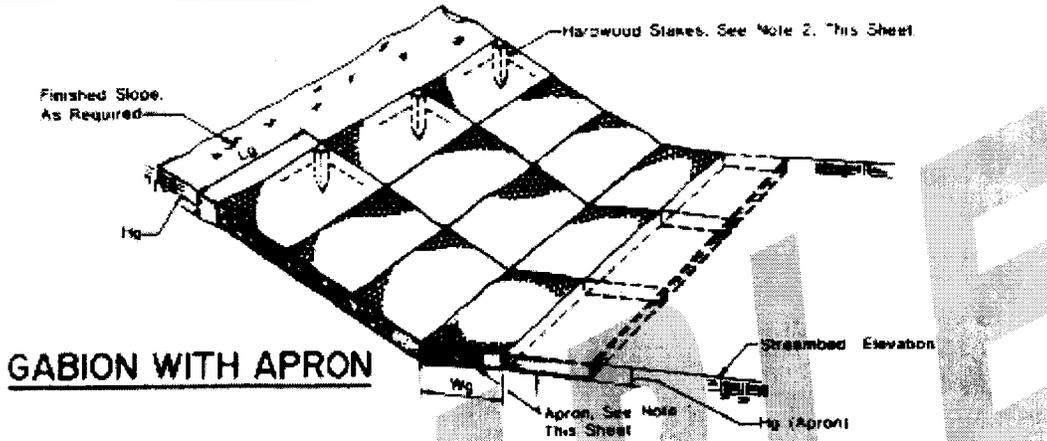
TYPICAL SECTION 3A - SLOPE PROTECTION AND FILL



TYPICAL SECTION 3B - DUMPED ROCK PROTECTION 18" Min.



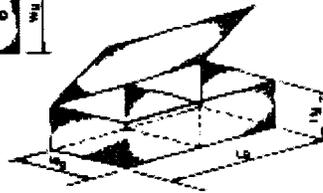
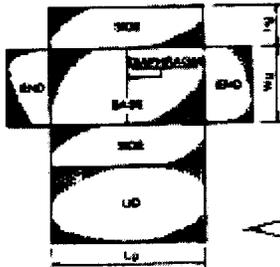
GENERAL PERMIT: B.D.W.W. GP-3
 Bank Rehabilitation and Protection
 Dwg. No. 4 GABION SLOPE PROTECTION



GABION SIZES

ADDITIONAL SIZES MAY BE AVAILABLE
 ON A SPECIAL ORDER BASIS

MATTRESS TYPE			STANDARD		
Wg	Lg	Hg	Wg	Lg	Hg
6'-0"	9'-0"	1'-9"	3'-0"	6'-0"	1'-0"
6'-0"	12'-0"	1'-9"	3'-0"	9'-0"	1'-6"
			3'-0"	6'-0"	3'-0"
			3'-0"	9'-0"	3'-0"
			3'-0"	12'-0"	3'-0"



WIRE MESH BASKETS

NOTES

1. The Apron or Toe Wall is required where the slope wall is installed adjacent to water. The apron should be approximately two times as wide as the anticipated depth of scour and the toe wall height should be at least equal to the anticipated depth of scour.
2. When gabions are placed on a 1.5 : 1.0 side slope or sleeper, hardwood stakes shall be driven through the gabions, along the top edge, to anchor the installations. Minimum embedment of stakes below gabion bottom shall be 8 inches.

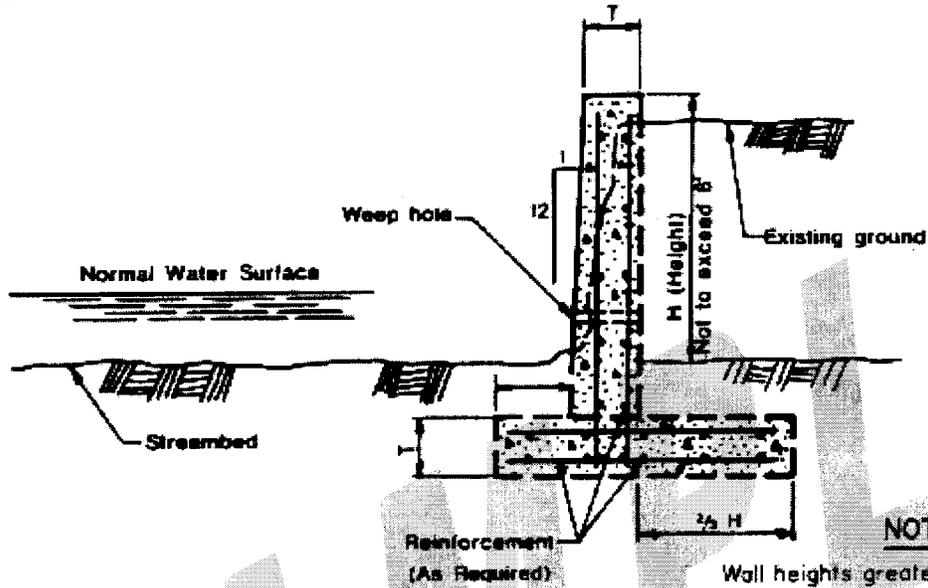
GENERAL PERMIT:

B.D.W.W. GP-3

Bank Rehabilitation and Protection

Dwg. Nos. 5A & 5B

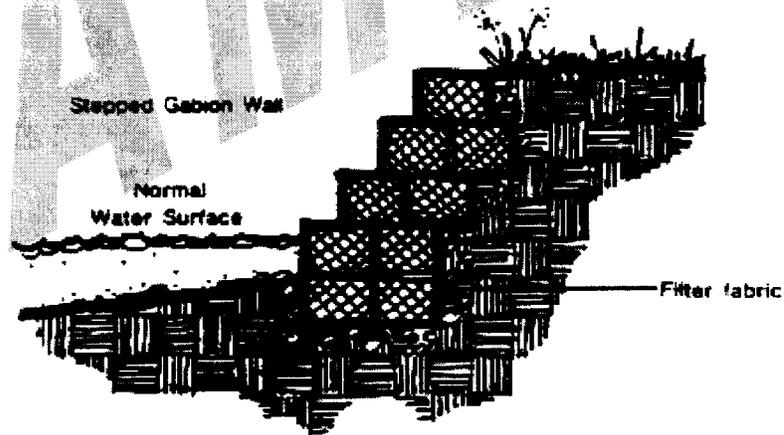
WALLS



NOTE:

Wall heights greater than six (6) feet above stream bed are not authorized.

5A



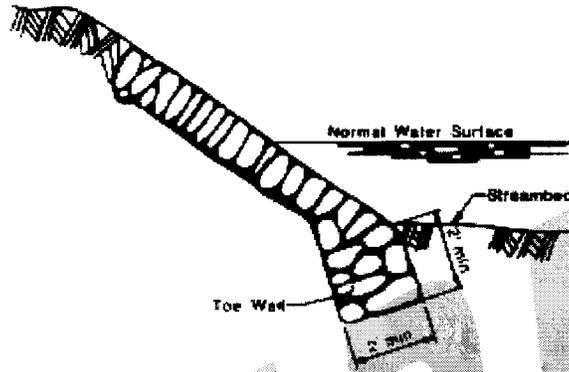
GABIONS

NOTE:

Wall heights greater than six (6) feet above stream bed are not authorized.

5B

GENERAL PERMIT: B.D.W.W. GP-3
 Bank Rehabilitation and Protection
 DWG. Nos. 6A & 6B
 WALLS



DRY OR MORTARED STONE SLOPE WALL

6A



DRY OR MORTARED STONE WALL

(Brick and / or block may be used)

6B

CONSTRUCTION GUIDELINES

Installation:

- * A wall must resist the water on the stream side and support the soil on the bank side. Walls that are carelessly constructed using short cuts have a high probability of failure.
- *The wall must be keyed at least 3' into the streambed to resist scouring.
- *The stone wall must be angled toward the streambank.

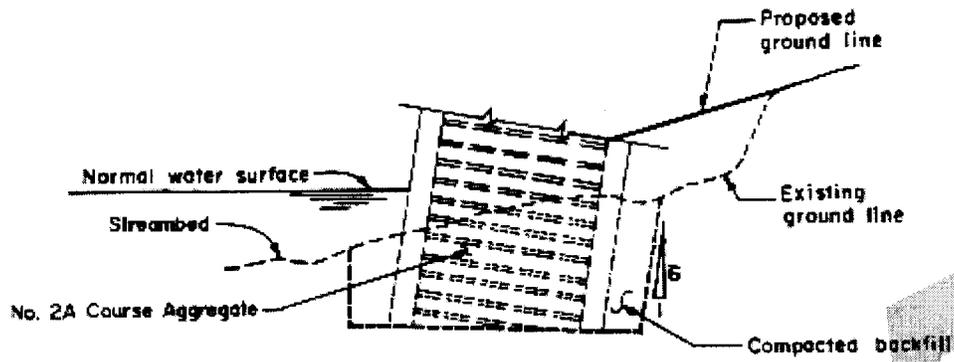
GENERAL PERMIT:

B.D.W.W. GP-3

Bank Rehabilitation and Protection

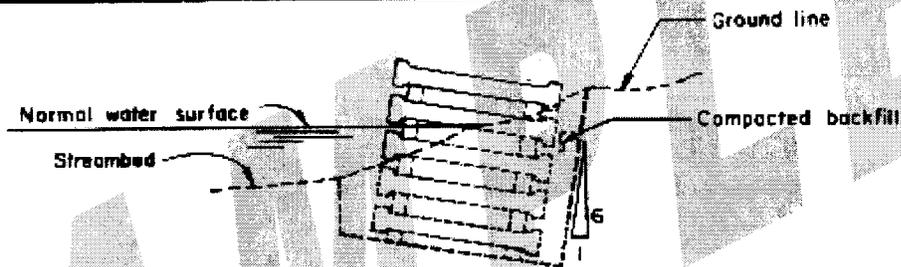
Dwg. Nos. 7A, 7B & 7C

CRIBBING



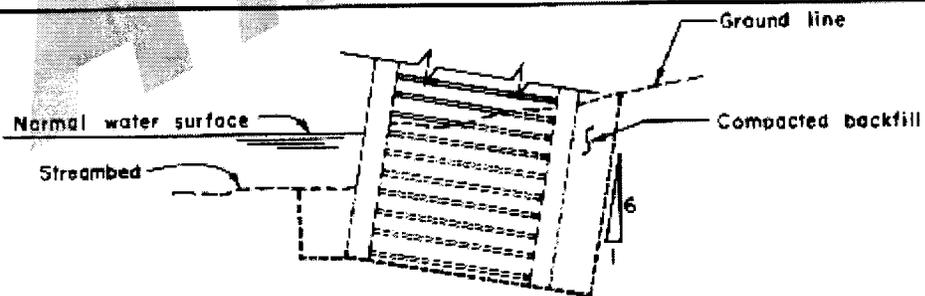
METAL CRIBBING

7A



CONCRETE CRIBBING

7B



RAILROAD TIE CRIBBING

7C

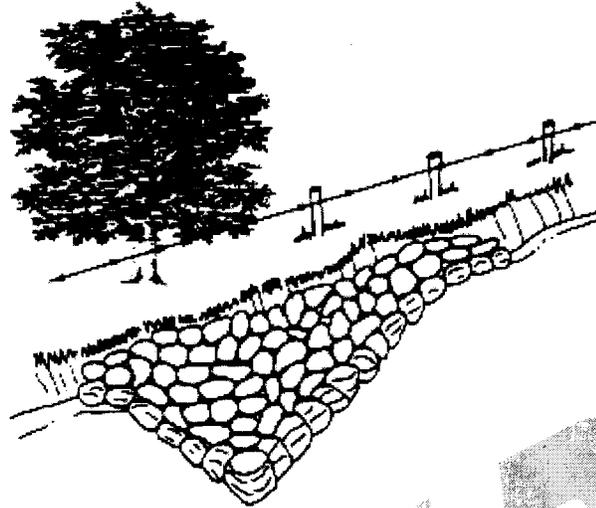
GENERAL PERMIT:

B.D.W.W. GP-3

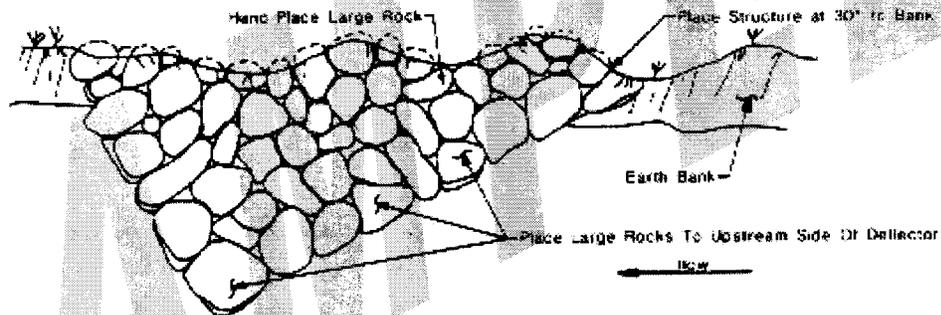
Bank Rehabilitation and Protection

ROCK CHANNEL DEFLECTOR

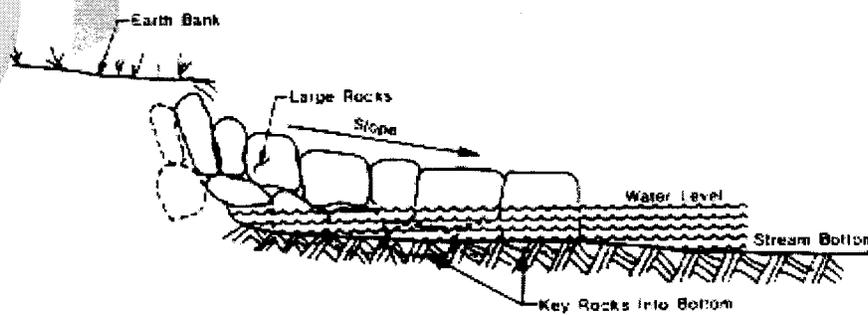
Dwg. No. 9



Deflectors should be kept low, the tip extending not more than 6 inches above normal flow at the tip and tapering upward at the bank and into the bank to prevent the possibility of water washing behind the device. The outline of the deflector should be rocks large enough that high water isn't apt to move them. The center can be smaller rocks but they should be placed in such a manner as to not be washed away easily.



PLAN



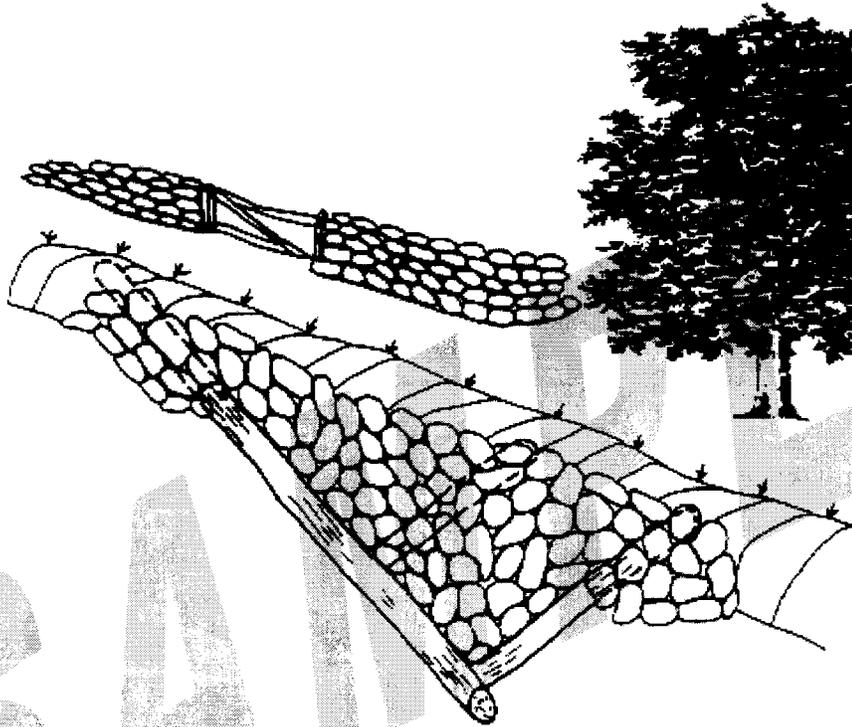
PROFILE

GENERAL PERMIT:

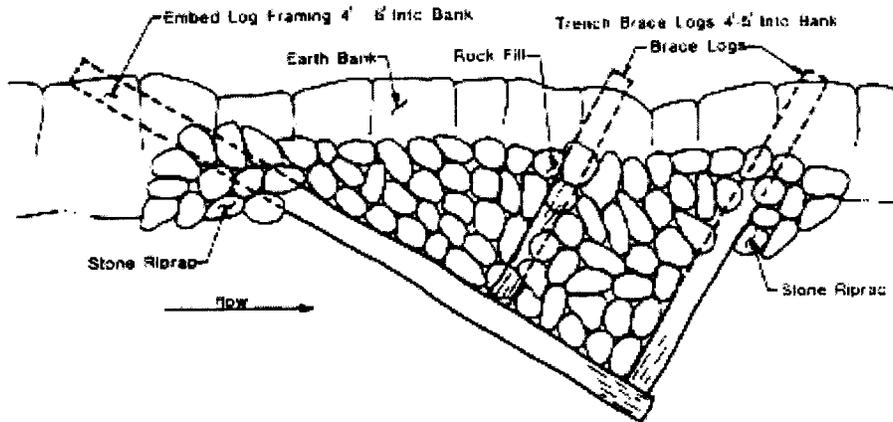
B.D.W.W. GP-3

Bank Rehabilitation and Protection
LOG FRAME CHANNEL DEFLECTOR

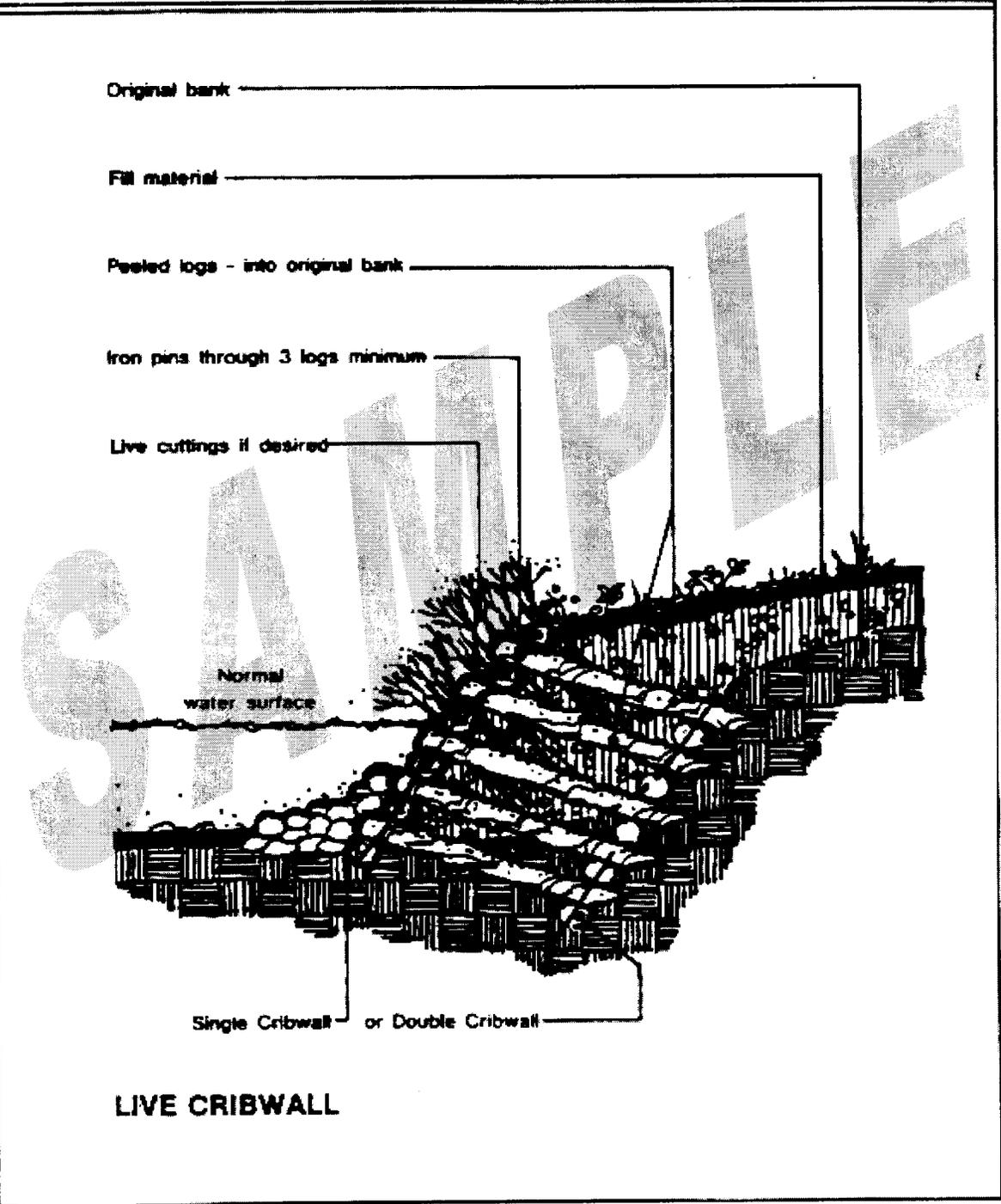
Dwg. No. 10



Deflectors will be basically 30°-60°-90° triangles with the long side abutting the stream bank. The short side will face downstream. A log frame is constructed and buried in the bank. The logs will be pinned to the streambed and to each other with metal rods or another suitable holding device. The frame will then be filled with stone and stone will be placed on the outer edges of the logs where they intersect the bank to prevent scour. The upstream log overlaps the downstream log.



GENERAL PERMIT: B.D.W.W. GP-3
Bank Rehabilitation and Protection
LIVE CRIBWALL



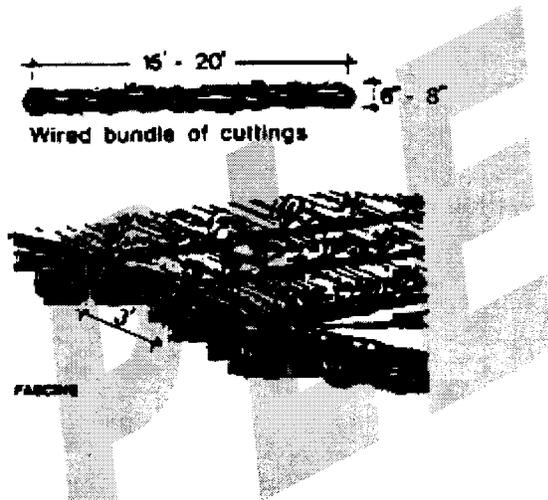
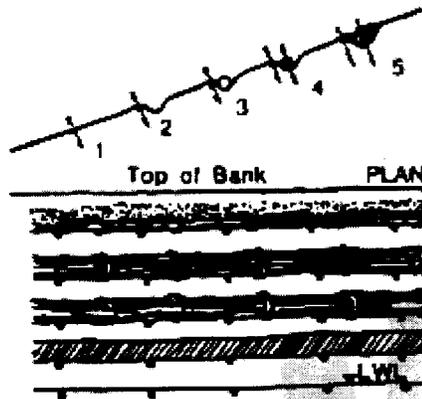
GENERAL PERMIT:

B.D.W.W. GP-3

Bank Rehabilitation and Protection

VEGETATIVE STABILIZATION

Dwg. No. 12



Size

- *Fascines can be 15' to 20' long.
- *The bundles are 6" to 8" in diameter when prepared.
- *The branches which are contained in the bundle should be at least 4' long and have a maximum trunk diameter of 1 inch.
- *Wire for bundling should be 1/10" in diameter or larger, or about the size of electrical fencing wire.

Materials

- *Cuttings must be from a species that roots easily, and has long, straight branches. Young willows are ideal for this method.
- *The cuttings are placed in bundles with the butt ends in the same direction, and wired together every 12" to 15".
- *Live stakes should be 2' to 3' long. Live stakes should be placed through the live fascine and below the fascine.

Installations

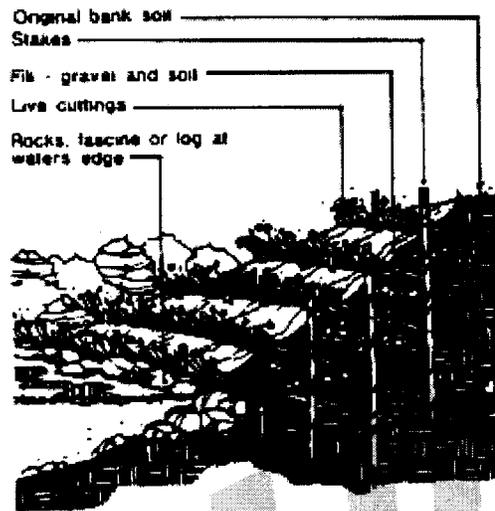
- *Beginning at the base of the bank at mean low water level, tamp stakes in a row across the slope.
- *A shallow trench as deep as the diameter of the fascine is dug above the stakes.
- *Place the bundles in the trench.
- *Tamp more stakes through the bundles.
- *Live stakes should be spaced approximately 12" apart. Extra stakes should be used at joints. Leave the tips of the stakes 6" above the soil.
- *Cover the bundles with soil from above and tamp firmly.
- *Walk on top of the bundles eliminating any air.
- *To minimize drying of the soil, trenching should not precede placement of the bundles by more than one hour.
- *Fascines should be prepared immediately before installation and must be stored in a moist, shady location.
- *The sequence proceeds layer by layer up on the slope with trenches above 3' apart. Twigs at the top of the bundles should protrude above the soil.

GENERAL PERMIT:

B.D.W.W. GP-3

Bank Rehabilitation and Protection
VEGETATIVE STABILIZATION

Dwg. No. 13



BRANCH PACKINGS

CONSTRUCTION GUIDELINES FOR 'BRANCH PACKING' METHOD



Sizes

- *Branches may be 1/2" to 3" in diameter, and long enough to reach original bank soil with 12" left exposed on the stream side.
- *Stakes should be 6" to 8" long.

Materials

- *Live cuttings are required.
- *Soil and gravel is sized and used as alternate layers between brush layers.

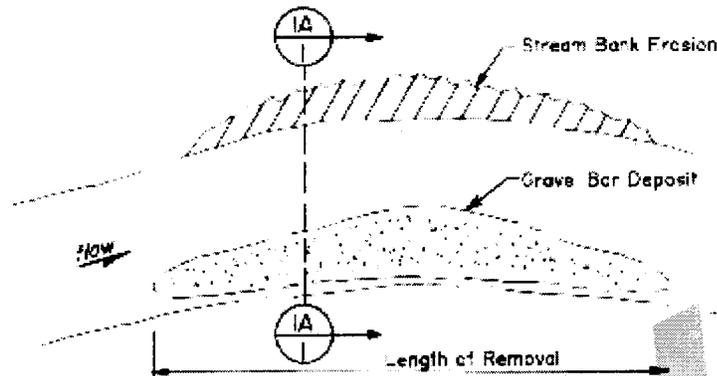
Installation

- *Starting below the low water line, tamp stakes vertically into the soil 3 feet apart.
- *First, a layer of compressed branches 3" to 4" thick is placed in the bottom of the washout between the vertical stakes and covered with an 8" to 12" layer of soil and gravel.
- *The following layers of branches are installed with the basal ends angled down into the streambank so that they are at least 12" lower than the tip of the branches.
- *Each layer of branches must be followed by a layer of soil mix and compacted thoroughly, tamping by foot, in order to insure soil contact with the branch cuttings.
- *Succeeding layers of branches and fill are alternated until the washout is completely filled.
- *The top layer should be soil and gravel fill.
- *From the stream bottom up to the average water level large rocks (do not use rocks from the stream) capable of resisting the current may be placed over the layers to prevent scour.
- *Tips of the branches must extend beyond the soil layers to grow. The basal ends must extend into undisturbed soil.

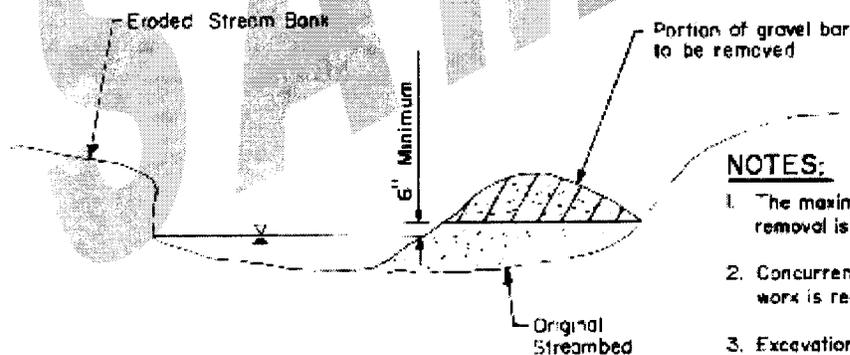
GENERAL PERMIT:

B.D.W.W. GP-3
GRAVEL BAR REMOVAL

Dwg. No. 14



PLAN



CROSS SECTION



NOTES:

1. The maximum length of removal is 500 feet.
2. Concurrent bank protection work is recommended.
3. Excavation into the streambank is prohibited.
4. Maximum removal depth is 6 inches above water level or dry streambed.
5. Access to worksite should be on the side of the gravel bar.



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).

REGISTERING A GENERAL PERMIT (GP):

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 <http://www.elibrary.dep.state.pa.us>.

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. 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 (additional details are in Section E):**

- | | |
|--|---|
| 1. General Permit Registration form | 11. Erosion & Sediment Control Plan (E&S Plan) |
| • See 16 for additional requirements for GP-11 | • Where required per Chapter 105 permit |
| 2. General Permit Registration Fee & Chapter 105 Fee Calculation Worksheet | 12. Written Directions to Project Site |
| 3. Notification sent to the Municipality & County | 13. Pennsylvania Natural Diversity Inventory (PNDI) receipt |
| • Proof of receipt is optional | 14. Request for a Bog Turtle Habitat Screening Form |
| 4. PASPGP-5 Reporting Criteria Checklist | 15. Activities which impact wetlands: |
| 5. Location Map | • wetland delineation |
| 6. Color Photographs | • wetland replacement plan |
| 7. Stream Name and Chapter 93 Classification | • check (where required for compensatory mitigation) |
| 8. Project Description & Aquatic Resource Impact Table | 16. Registration of a GP-11: |
| 9. Site Specific and/or Standard Drawings | • E&S Plan |
| 10. Site Plan | • Bridge and/or Culvert Replacement Projects or Projects That Change the Waterway Opening Worksheet |

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.

CHAPTER 105 GPs:

- **PLEASE MARK ("X") 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.
 - If registering [GP-2](#), place an "X" in the box next to the appropriate dock or facility type. Additional details are available in the GP-2 permit.
 - [GP-11](#) registrations will require additional items under Section E, Item 16.

Instructions

- **Activity Related to Oil and Gas Exploration, Production or Transmission:** Place an “X” in the box next to “Activity Related to Oil and Gas Exploration, Production or Transmission” if the activity is oil and gas related.

Contact Information for DEP’s Regional Oil and Gas offices can be found on GP Registration [Exhibit B \(3150-PM-BWEW0500B\)](#); and on DEP’s eLibrary at <http://www.elibrary.dep.state.pa.us>.

- **Activity Subject to Federal Energy Regulatory Commission (FERC) approval:** Place an “X” in the box next to “Activity Subject to FERC approval” 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.

SECTION A. APPLICANT INFORMATION:

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 H. CERTIFICATION (page 9) 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 however, that leaving out information may result in delays or denial of the authorization to use the GP.

<u>Government</u>		<u>Non-Government</u>		<u>Individual</u>	
AUTH	Authority	ASSOR	Association/Organization	INDIV	Individual
CNTY	County	NPACO	Non-Pennsylvania Corporation		
FED	Federal Agency	PACOR	Pennsylvania Corporation		
MUNI	Municipality	PARTG	Partnership-General		
SCHDI	School District	PARTL	Partnership-Limited		
STATE	State Agency	OTHER	Other (Non-government)		
OTHG	Other (Government)	SOLEP	Sole Proprietorship		
NONPG	Non-Pennsylvania Government	LLP	Limited Liability Partnership		
		LLC	Limited Liability Company		
		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 <http://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 G. 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.emappa.dep.state.pa.us).
- HGIS:** Method based on the Pennsylvania Natural Heritage Program database (formerly known as PNDI). The database is located at www.naturalheritage.state.pa.us. **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. RESOURCE IDENTIFICATION:

Please place an "X" in the appropriate box to indicate if the applicant has identified that any of these resources may be present at the project site; indicate that no resources were identified or indicate and list those resources which were identified.

- National Register of Historic Places
- Exceptional Value (EV) Waters
- Wild or Stocked Trout Streams
- National Registry of Natural Landmarks
- High Quality (HQ) Waters
- Wild and Scenic Rivers
- Local historical site
- Threatened and Endangered Species
- Wetlands

Please review the conditions of the specific GP(s) as they pertain to these items prior to completing the Registration form to determine eligibility. The registration resource identification list in this form is not all-inclusive and other resources may also require certain restrictions or prohibit registering the GP. Identification of these resources on the project site may result in specific areas, sites or conditions where the GP does not apply and is not valid.

The following items are useful in identifying these 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 <http://www.phmc.pa.gov/Preservation/Cultural-Resources-GIS/Pages/default.aspx>.

- **National Natural Landmarks:** Additional information on National Natural Landmarks and the National Registry of Natural Landmarks is available at <http://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 <http://www.dep.pa.gov/Business/Water/PointNonPointMgmt/WaterQuality/Pages/ExistingUse.aspx> and 25 Pa. Code Chapter 93 at <http://www.pacode.com/secure/data/025/chapter93/chap93toc.html>.

25 Pa. Code Chapter 93 also provides an important linkage to Exceptional Value Wetlands which are determined in 25 Pa. Code Chapter 105.17 found here <http://www.pacode.com/secure/data/025/chapter105/s105.17.html>.

- **Threatened and Endangered Species:** (see also Section E, Items 13 & 14 for requirements and documentation): Additional information can be found at <http://www.naturalheritage.state.pa.us/>
- **Wild and Stocked Trout Waters:** Additional information on Wild and Stocked Trout Waters can be found at http://fishandboat.com/waters_trout.htm.

- **Wild or Scenic Rivers:** Additional information on National or State Wild or Scenic rivers can be found at <http://www.rivers.gov/pennsylvania.php> and <http://www.dcnr.state.pa.us/brc/conservation/rivers/scenicrivers/index.htm>
- **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 http://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 [Exhibit A \(3150-PM-BWEW0500A\)](#) and [Exhibit B \(3150-PM-BWEW0500B\)](#); on DEP's website at <http://www.dep.pa.gov>; and on DEP's eLibrary at <http://www.elibrary.dep.state.pa.us>.

SECTION E. REGISTRATION CHECKLIST AND REQUIREMENTS:

Please place an "X" next to each item (1-16) 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 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. General Permit Registration form properly completed and signed
The original GP Registration form shall be accurately completed, signed and provided.
2. General Permit Registration Fee and Chapter 105 Fee Calculation Worksheet
The fee required for a project authorized under these GPs shall be consistent with 25 PA Code §105.13 (relating to regulated activities – information and fees). To determine the registration fee, please complete the [Chapter 105 Fee\(s\) Calculation Worksheet \(3150-PM-BWEW0553\)](#). Please provide the completed worksheet and a check for the applicable fee(s) made payable to the "Commonwealth of Pennsylvania Clean Water Fund" OR "_____ County Conservation District, Clean Water Fund", whichever is the reviewing entity.
3. Notification sent to the Municipality & County:
Please provide a copy of the Registration form to the Municipality & County in which the work will be performed. Please mark the checklist appropriately to indicate that the applicant has done so. Proof of receipt is not required to be provided to DEP, however if it is volunteered, it should be provided in this position within the Registration package.
4. [PASPGP-5 Reporting Criteria Checklist \(3150-PM-BWEW0051\)](#) properly completed:
PASPGP-5 Reporting Criteria Checklist must be completed and provided as part of all PADEP Chapter 105 applications / registrations to determine the appropriate federal Pennsylvania State Programmatic General Permit-5 (PASPGP 5) review procedure. Specific instructions are found on the form and should be carefully followed.
See PASPGP-5 Part II for definition of "Single and Ccomplete Pproject" prior to answering questions. PASPGP-5 can found here: <http://www.nab.usace.army.mil/Missions/Regulatory/PermitTypesandProcess.aspx>
5. 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.
6. 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.
7. Stream Name and Chapter 93 Classification (example: UNT to HOUSE RUN, HQ-WWF/EV):

Please indicate the stream name and Chapter 93 classification in a format similar to the example. Please reference both the Designated Use Classification found in 25 Pa. Code Chapter 93 and the Existing Use Classification found on DEP's website (provided in Section D). If the stream segment is on the Existing Use list, then that classification should be provided.

The stream name will assist DEP or District reviewers in determining if the project or activity also requires a Submerged Lands License Agreement (SLLA). GPs shall not be effective to authorize any project on, under or over submerged lands of this Commonwealth until the owner has obtained a license from DEP 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 the Registration package, the Department will review the project to determine if its location is on, under or over submerged lands of the Commonwealth.

If applicable, DEP will prepare an SLLA and forward it to the applicant for execution prior to acknowledgement of registration to use the GP. An annual charge is required for facilities constructed, owned or operated except for categories of activities and structures at 25 Pa. Code § 105.35 (c)(1)-(7).

8. Project Description including proposed impacts to waters and/or wetlands and PNDI Avoidance Measures (if applicable):

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.

If the PNDI Project Environmental Review Receipt for the project contains Avoidance Measures, please include the Avoidance Measures in the description.

Please prepare and provide a detailed chart of each proposed impact to waters and/or wetlands as it pertains to the project's activities per the instructions provided in Section G. Include a unique identifier (i.e. **Stream 1, Wetland 3, etc**) 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.

9. 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 including all applicable Site Specific and/or Standard Drawings for each GP and location. Please label each drawing with the unique identifier created for the Impact Table (Section E.8. above and Section G below).

10. Site Plan depicting the site of the project's General Permit activities:

Please prepare and provide a detailed Site Plan as it pertains to the project's activities per the instructions provided in Section F. If registering multiple GPs at one time, or the project has several locations, please mark all Standard Drawing locations on the Site Plan. 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.

11. 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 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 Pollution Control Program Manual \(363-2134-008\)](#).

Instructions

12. Detailed Written Directions to Project Site:

Please provide detailed written driving directions or GPS coordinates to the project site. The directions should go to the location(s) of the GP activity(s), not just the project site entrance or access point. The directions and/or coordinates may be provided on a separate sheet and included in the appropriate location as part of the Registration package.

13. Pennsylvania Natural Diversity Inventory (PNDI):

Pennsylvania Natural Diversity Inventory (PNDI) reviews are required for all GP s. Please check the appropriate box indicating the information provided:

- Complete the [Pennsylvania Natural Diversity Inventory \(PNDI\) Project Planning and Environmental Review Form \(8100-FM-FR0161\)](#) and provide it to the person conducting the online PNDI Project Planning and Environmental Review Tool search. The person performing the search could be someone from DEP, the appropriate District, or a consultant. If the completed PNDI Project Planning & Environmental Review Form is the only information provided as part of the Registration package, additional review time will be required and the Permit Decision Guarantee (see Policy for Implementing the Department of Environmental Protection Permit Review Process and Permit Decision Guarantee (021-2100-001)) will not apply.
- Alternatively, if the applicant plans to conduct the PNDI online search, a Review form is not needed prior to the PNDI online search. If the applicant conducts the PNDI online search, different registration items are required based on the search results:

- If the PNDI Project Environmental Review Receipt shows “No Known Impacts”, please provide a copy of the initialed Review Receipt as part of the Registration package.
- If the PNDI Project Environmental Review Receipt contains “Avoidance Measures”, the PNDI review is not complete or satisfied unless the applicant has initialed 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 initialed Review Receipt as part of the Registration package.

If the applicant cannot or chooses not to meet the Avoidance Measure(s), he/she must follow the process below.

- If the PNDI Project Environmental Review Receipt has "Potential Impacts", DEP and the jurisdictional agencies require that the applicant provide additional information to the agencies noted on the Receipt for further review. Please provide a copy of the initialed PNDI Project Environmental Review Search Receipt showing “Potential Impacts” AND documentation of appropriate agency coordination required on the PNDI Receipt.

14. Bog Turtle Habitat Screening:

Bog Turtle Habitat screening is required for GPs 5, 6, 7, 8, 9, 11, and 15 which may impact wetlands in the following Counties: Adams, Berks, Bucks, Carbon (Aquashicola Creek Watershed only), Chester, Cumberland, Dauphin (Swatara Creek Watershed only), Delaware, Franklin (Antietam Creek Watershed), Lancaster, Lebanon, Lehigh, Monroe, Montgomery, Northampton, Schuylkill (Swatara Creek Watershed only) and York. Please check the appropriate box indicating the information is provided:

- Complete the [Request for a Bog Turtle Habitat Screening Form \(3150-PM-BWEW0550\)](#) and provide it as part of the Registration package. If the completed Request for a Bog Turtle Habitat Screening Form is the only information provided in the Registration package, additional review time will be required.
- Alternatively, if the applicant plans to contact an agency representative to schedule an on-site assessment of the wetlands for bog turtle habitat prior to providing the Registration package, different registration items are required based on the search results:
 - Copy of “No Effect” determination from the Army Corp of Engineers
 - Documented clearance from the US Fish and Wildlife Service

15. 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:

Instructions

- 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 antidegradation concerns, include a wetland replacement, restoration or enhancement plan in accordance with the Department's Replacement criteria which provides wetland replacement acreage or function at a minimum one to one acre ratio.
- 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

16. Registration of a [GP-11](#):

Registration of a GP-11 can only be performed by DEP and requires additional information based on the details of the project, please check the appropriate box indicating the information is provided as part of the Registration package:

- N/A because not registering GP-11
- An E&S Plan shall be provided as part of the Registration package 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 the site at all times.
- If the project includes a bridge or culvert replacement or the proposed work will change the waterway opening, please complete and provide the [Bridge and/or Culvert Replacement Projects or Projects That Change the Waterway Opening \(3150-PM-BWEW0552B\)](#) 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.

SECTION F. SITE PLAN

Please prepare and provide a detailed Site Plan as it pertains to the project's activities as requested in Section E, Item 10. Please place an "X" in the appropriate box to indicate what is shown on the Site Plan; indicate that all items are included or indicate and list those items which were not included. Unless otherwise specified, all items are required to be included in the site plan.

- Stream Name (provide name of impacted stream)
- Stream Limits and Flow Direction
- Stream Impacts on site (including dimensions)
- Wetlands on site (including acreage)
- Wetland Impacts on site (including acreage)
- Other Waters (i.e. streams, pond, lakes)
- Site Specific and/or Standard Drawings location(s)
- Photograph location(s)
- 100 year Flood Elevation OR FEMA map with location marked
- Limits of Earth Disturbance Associated with this Activity
- Location of Property Lines Relative to the Project
- Existing Utilities, Right Of Ways (ROWs), Easements
- Existing Buildings, Roadways, Other Structures
- Proposed Buildings, Roadway ROWs, Other Structures

SECTION G. AQUATIC RESOURCE IMPACTS ASSOCIATED WITH PROJECT WORK SITE

Please prepare and provide a detailed worksheet of the waters and/or wetlands impacts associated with the project work site as requested in Section E, Item 8; include the unique identifier, project/site name, date and applicant name/client, project information (including latitude and longitude) and waters and/or wetlands impact data in table format. Provide one row of data for each regulated (DEP Chapter 105 and Corps Section 404) structure or activity and type of impact for the proposed project based on the instructions for each requirement below; all dimensions should be reported to the nearest one (1) foot, rounding up.

Please place an "X" in the appropriate box to indicate what is included in the Aquatic Resources Impact Table indicate that all items are included or indicate and list those items which were not included. Depending on the details of project, not all impact types will be included in the table.

Project Information:

- Structure / Activity Unique Identifier for each regulated structure and/or activity being proposed
- Aquatic Resource being impacting; stream or wetland
- Aquatic Resource Type; based on wetland or stream
 - Stream type: perennial, intermittent, ephemeral stream or floodway
 - Wetland type: PEM, PSS, PFO or POW wetland
- Latitude (dd nad 83)
- Longitude (dd nad 83)
- Work proposed / impact type: aerial, boring, excavation or fill
- Waters Name: name of the stream or wetland (if available)
- PA Code Chapter 93 Designation:

Army Corps of Engineers / Section 404 jurisdictional area:

- Corps Impact Type: temporary, permanent or n/a;

Permanent Impacts – For the purpose of the PASPGP-5, permanent impacts are defined as waters of the United States, including jurisdictional wetlands indefinitely filled, flooded, excavated, or drained as a result of the regulated activity. Permanent impacts may or may not be considered a loss of waters of the United States, as defined above, since some permanent impacts, such as those associated with bank stabilization and stream/wetland enhancement projects, may not have a permanent adverse effect.

Temporary Impacts – For the purpose of the PASPGP-5, temporary impacts are defined as waters of the United States, including jurisdictional wetlands not filled, flooded, excavated, or drained for an indefinite period of time, and restored to pre-construction contours and elevation.

➤ "n/a" if no proposed work in, over, or under waters and/or wetlands

- Stream Impact: width, length and area of stream impact;
 - Width: top of bank to top of bank, of transverse and/or full channel fill stream impacts;
 - Length: down the center line of stream, of transverse and/or full channel fill stream impacts;
 - Area: direct and indirect/secondary stream impact; dewatering or fill placed in stream channel;
 - "n/a" if impact is to a wetland OR if "n/a" to Corps Impact Type
- Wetland Impact: area of impacts to wetlands; indicate "n/a" if impact is to a stream OR if "n/a" to Corps Impact Type

DEP / Chapter 105 jurisdictional area:

- PADEP Impact Type: temporary or permanent.

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 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.

Temporary Impacts 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).

- Floodway Impact: direct and indirect/secondary 100-year floodway impact, including watercourse;
- Wetland Impact: Provide the square feet area of impacts to wetlands; indicate "n/a" if impact is to a stream

Provide completed aquatic resource impact table with Chapter 105 Water Obstruction and Encroachment application/registration. The [Aquatic Resources Impact Table \(3150-PM-BWEW0557\)](#) worksheet or equivalent may be used to complete this requirement.

SECTION H. 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:

Individual– 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.*

Corporations – 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.

Government agencies – 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.

Partnerships – 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.

Limited Liability Companies – 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.

SECTION I. ACKNOWLEDGEMENT

Upon review of this Registration package, the applicant will receive an acknowledgment letter and **one (1) copy** of the signed GP Registration form acknowledging use of the GP(s) and federal authorization under Pennsylvania State Programmatic General Permit (PASPGP). Included with PASPGP authorization will be the PASPGP Permit Compliance, Self-Certification Form which must be completed, signed and returned to the appropriate Army Corp of Engineers District office, once the project is completed. If PASPGP is not attached, work on the project may NOT begin work until federal authorization is obtained.

The acknowledgement letter, Registration package (including 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).



CHAPTER 105 WATER OBSTRUCTIONS AND ENCROACHMENT GENERAL PERMIT REGISTRATION

PLEASE MARK ("X") ALL THAT APPLY: <input type="checkbox"/> GP- 1 Fish Habitat Enhancement Structures <input type="checkbox"/> GP- 2 Small Docks & Boat Launching Ramps Please mark ("X") the specific type of project: <input type="checkbox"/> private recreational dock <input type="checkbox"/> public access facility <input type="checkbox"/> public service facility <input type="checkbox"/> other private or commercial facility <input type="checkbox"/> GP- 3 Bank Rehabilitation, Bank Protection and Gravel Bar Removal <input type="checkbox"/> GP- 4 Intake and Outfall Structures				<input type="checkbox"/> GP- 5 Utility Line Stream Crossing <input type="checkbox"/> GP- 6 Agricultural Crossings & Ramps <input type="checkbox"/> GP- 7 Minor Road Crossings <input type="checkbox"/> GP- 8 Temporary Road Crossings <input type="checkbox"/> GP- 9 Agricultural Activities <input type="checkbox"/> GP-10 Abandoned Mine Reclamation <input type="checkbox"/> GP-11 Maintenance, Testing, Repair, Rehabilitation, or Replacement of Water Obstructions and Encroachments (reviewed by DEP Regional Office only) <input type="checkbox"/> GP-15 Private Residential Construction in Wetlands				
<input type="checkbox"/> Activity Related to Oil and Gas Exploration, Production or Transmission								
<input type="checkbox"/> Activity Subject to FERC approval (Docket number _____)				<input type="checkbox"/> FERC Natural Gas Act Facility				
SECTION A. APPLICANT INFORMATION								
Applicant's Name / Client					DEP Client ID# (if known)		Employer ID# (EIN)	
Client Information - Please select Client Type / Code from drop down box under the correct entity shown to the right. (or may be written in) →			<input type="checkbox"/> Government		<input type="checkbox"/> Non-Government		<input type="checkbox"/> Individual	
Mailing Address				City		State	ZIP + 4	
Contact Person – Last Name			First	MI	Suffix	Telephone ()		Email Address
SECTION B. CONSULTANT INFORMATION (Complete if different than above)							<input type="checkbox"/> N/A	
Contact Person – Last Name			First	MI	Suffix	Consultant's Title		Consulting Firm
Mailing Address				City		State	ZIP + 4	
Telephone ()		Fax ()		Email			Employer ID# (EIN)	
SECTION C. PROJECT INFORMATION								
Project /Site Name:					DEP Site ID# (if known or leave blank)			
Client Relationship - Please select Site-to-Client Relationship / Code from drop down box to the right. (or may be written in) →					Double-click on shaded area below to select correct Site-to-Client Relationship / Code ↓			
County		Municipality		<input type="checkbox"/> City	<input type="checkbox"/> Borough	<input type="checkbox"/> Township		
Site Location / Address				City		State	ZIP + 4	
Collection Method: <input type="checkbox"/> EMAP <input type="checkbox"/> HGIS <input type="checkbox"/> GISDR* <input type="checkbox"/> ITPMP <input type="checkbox"/> GPS <input type="checkbox"/> WAAS <input type="checkbox"/> LORAN Check the horizontal reference datum (or projection datum) employed in the collection method. EMAP and HGIS (PNDI) have known datum and do not require checking here. <input type="checkbox"/> NAD27 <input type="checkbox"/> NAD83 <input type="checkbox"/> WGS84 Enter the date of collection if coordinates were derived from GPS, WAAS or LORAN. ____ mm ____ dd ____ yyyy								

Applicant's Name	GENERAL PERMIT REGISTRATION		
Please place an "X" next to each item (1 - 16) to ensure it is completed and/or provided. (continued)		Applicant Entry	DEP Use Only
14. Bog Turtle Habitat Screening: Please place an "X" next to the appropriate box indicating the information provided: - Completed Request for a Bog Turtle Habitat Screening Form..... - "No Effect" determination from the Army Corp of Engineers..... - Documented clearance from the US Fish and Wildlife Services..... - N/A due to GP type, wetland impact and/or County of project.....			
15. Activities which impact wetlands: 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 acres, a compensatory mitigation plan in accordance with the Department's Replacement criteria which provides compensation at a minimum one to one acre 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.....			
16. Registration of a GP-11: Please place an "X" next to the appropriate box indicating the worksheet(s) provided: - N/A because not registering use of GP-11..... - E&S Plan..... - Bridge and/or Culvert Replacement Projects or Projects That Change the Waterway Opening			
SECTION F. SITE PLAN			
Please place an "X" next to the appropriate box indicating what is shown on the site plan. Unless otherwise specified in the permit, all items are required to ensure a complete Registration package. All items included on Site Plan..... Items <u>not</u> included on Site Plan and reason: - _____ - _____ - _____		Applicant Entry	DEP Use Only
SECTION G. IMPACT TABLE			
Please place an "X" next to the appropriate box indicating what is shown on the Impact Table. The <u>Aquatic Resource Impact Table (3150-PM-BWEW0557)</u> worksheet or equivalent is required. All information included on Impact Table..... Information <u>not</u> included on Impact Table and reason: - Project Information: _____ - Corps / 404: _____ - DEP / 105: _____		Applicant Entry	DEP Use Only

Applicant's Name	GENERAL PERMIT REGISTRATION
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SECTION H. CERTIFICATION

I certify under penalty of law that the information provided in this permit registration is true and correct to the best of my knowledge and information and that I possess the authority to undertake the proposed action. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. (If any of the information and/or plans is found to be in error, falsified, and/or incomplete, this authorization/verification may be subject to modification, suspension, or revocation in accordance with applicable regulations.)

Signature of Applicant/Owner	Date
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Typed / Printed Name

Typed / Printed Title

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

Signature of Reviewer	Date
-----------------------	------

Reviewer's Typed / Printed Name	() Phone Number
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Reviewer's Typed / Printed Title	Email Address
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This General Permit shall not be effective until the owner has had their E&S Plan reviewed by the appropriate Regional Office or District, obtained Federal Authorization and, where required, obtained an SLLA from DEP.

AN ACKNOWLEDGED COPY OF THIS GENERAL PERMIT REGISTRATION PACKAGE (INCLUDING THE ACKNOWLEDGEMENT LETTER AND TERMS AND CONDITIONS), REQUIRED FEDERAL AUTHORIZATION, AND THE E&S PLAN MUST BE AVAILABLE AT THE PROJECT SITE DURING CONSTRUCTION.

SECTION I. ACKNOWLEDGEMENT – DEP USE ONLY

Signatures authorizing acknowledgment to use and register:

A. Completeness Review:		Completeness Status
DEP / District Reviewer Signature	Begin Date: _____	<input type="checkbox"/> YES <input type="checkbox"/> NO
Reviewer's Typed / Printed Name	Incomplete Date: _____	
	Response Date: _____	
	End Date: _____	

B. Eligibility Review:		
DEP / District Reviewer Signature	Begin Date: _____	<input type="checkbox"/> Deficient - DENIED
Reviewer's Typed / Printed Name	Incomplete Date: _____	
	Response Date: _____	
	End Date: _____	

C. Decision Review:		Disposition Status
DEP / District Manager Signature	Begin Date: _____	<input type="checkbox"/> WITHDRAWN <input type="checkbox"/> APPROVED <input type="checkbox"/> RETURNED <input type="checkbox"/> DENIED
Reviewer's Typed / Printed Name	End Date: _____	

D. Contact Information:		
Typed / Printed Name	() Phone Number	Email Address

E. Permit Tracking:				
Received _____	Acknowledged _____	SLLA required: <input type="checkbox"/> NO <input type="checkbox"/> YES	PASPGP-5: <input type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> REP	<input type="checkbox"/> NONREP
GP - _____	GP - _____	GP - _____	GP - _____	GP - _____
Notes: _____				

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 1150 Spring Creek Road 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

PENNSYLVANIA FISH AND BOAT COMMISSION continued

DIVISION OF ENVIRONMENTAL SERVICES
450 Robinson Lane, Bellefonte, PA 16823-9620
814-359-5147

DIVISION OF FISHERIES MANAGEMENT
450 Robinson Lane, Bellefonte PA 16823-9620
814-359-5110

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 Phone: 412-395-7155 Fax: 412-644-4211	Baltimore District Corps of Engineers Pennsylvania Field Office 1631 South Atherton Street, Suite 101 State College, PA 16801 Phone: 814-235-0570 Fax: 814-235-0576	Philadelphia District Corps of Engineers Regulatory Branch Wanamaker Building 100 Penn Square East Philadelphia, PA 19107 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
Meadville, PA 16335
(814) 332-6860

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

Southwest Regional Office

400 Waterfront Drive
Pittsburgh, PA 15222-4745
(412) 442-4024

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

Eastern Regional Office

208 W. Third Street, Suite 101
Williamsport, PA 17701
(570) 974-2602

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

Delegated Programs

- ◆ Chapter 105
- NPDES and E&S Permits

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 Ave., 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
County Administrative Building
330 Main Street, Room 9
Clarion, PA 16214
814-226-4070 Ext. 113
- Clearfield County
650 Leonard St.
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
◆ P.O. Box 448
300 Center St.
Ridgway, PA 15853
814-776-5373
- 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
◆ 19 S Washington St., Suite 150
Waynesburg, PA 15370-1839
724-852-5278
- 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
1300 Old Plank Rd.
Mayfield, PA 18433
570-281-9495
- 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

- 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 102
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
◆753 Greenville Rd.
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
◆112 Woodbine Lane, Suite 2
Danville, PA 17821
570-271-1140
- Northampton County
Greystone Building.
14 Gracedale Ave.
Nazareth, PA 18064
610-746-1971
- 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
◆81 Public Ave
Montrose, PA 18801
570-278-4600 Ext. 280
- Tioga County
◆50 Plaza Lane
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
◆300 Hospital Dr., Suite D
Warren, PA 16365
814-726-1441
- Washington County
◆100 W. Beau St., Suite 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
1 Hollowcrest Complex
Tunkhannock, PA 18657
570-836-2589 Ext. 3
- York County
118 Pleasant Acres Rd.
York, PA 17402
717-840-7430

CHAPTER 105 FEE(S) CALCULATION WORKSHEET

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

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.

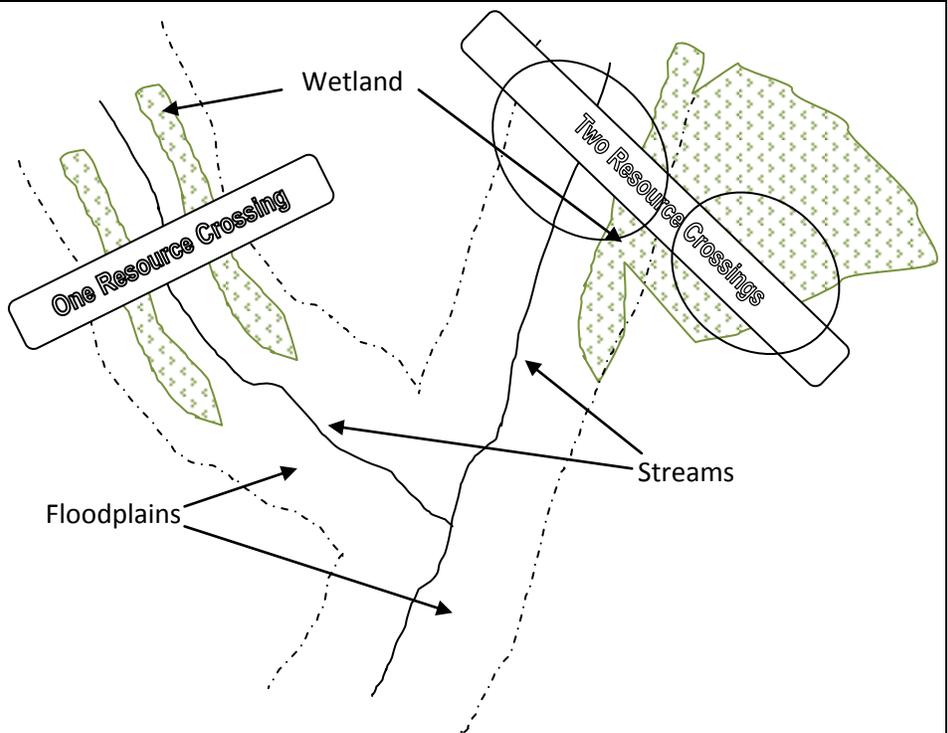
Floodway – The channel of the watercourse and portions of the adjoining floodplains which are reasonably required to carry and discharge the 100-year frequency flood. Unless otherwise specified, the boundary of the floodway is as indicated on maps and flood insurance studies provided by FEMA. In an area 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.



PART ONE: WATER OBSTRUCTIONS AND ENCROACHMENTS

SECTION A. APPLICATION FEES

WATER OBSTRUCTION AND ENCROACHMENT PERMIT (Joint Permit Application)

Some activities or structures within a project may also qualify for an accumulation of General Permit fees, please mark the box above indicating an Individual Water Obstruction and Encroachment Permit AND the corresponding fee(s) in the General Permit section below those. Activities or structures not qualifying for a General Permit fee must include a disturbance fee.

<input type="checkbox"/> Administrative Filing Fee ¹		\$ 1,750	+	
<input type="checkbox"/> Temporary Disturbance (\$400/0.1ac)	_____ acres x \$4,000 =	\$ _____	+	
<input type="checkbox"/> Permanent Disturbance (\$800/0.1ac)	_____ acres x \$8,000 =	\$ _____		= \$ _____
WO&E FEE subtotal (a)				\$ _____

GENERAL PERMIT(S) (select activity/structure(s) below, see page 4 for “#” explanation)

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.

<input type="checkbox"/> GP-1 Fish Habitat Enhancement Structures		\$ 50		= \$ _____
<input type="checkbox"/> GP-2 Small Docks and Boat Launching Ramps.....	_____ (#) X	\$ 175		= \$ _____
<input type="checkbox"/> GP-3 Bank Rehabilitation, Bank Protection and Gravel Bar Removal	_____ (#) X	\$ 250		= \$ _____
<input type="checkbox"/> GP-4 Intake and Outfall Structures	_____ (#) X	\$ 200		= \$ _____
<input type="checkbox"/> GP-5 Utility Line Stream Crossings ²	_____ (#) X _____ (#) X	\$ 250		= \$ _____
<input type="checkbox"/> GP-6 Agricultural Crossings and Ramps	_____ (#) X	\$ 50		= \$ _____
<input type="checkbox"/> GP-7 Minor Road Crossings ²	_____ (#) X	\$ 350		= \$ _____
<input type="checkbox"/> GP-8 Temporary Road Crossings ²	_____ (#) X	\$ 175		= \$ _____
<input type="checkbox"/> GP-9 Agricultural Activities		\$ 50		= \$ _____
<input type="checkbox"/> GP-10 Abandoned Mine Reclamation		\$ 500		= \$ _____
<input type="checkbox"/> GP-11 Maintenance, Testing, Repair, Rehabilitation, or Replacement of Water Obstructions and Encroachments ¹		\$ 750	+	
<input type="checkbox"/> Temporary Disturbance (\$400/0.1ac)	_____ acres x \$4,000 =	\$ _____	+	
<input type="checkbox"/> Permanent Disturbance (\$800/0.1ac)	_____ acres x \$8,000 =	\$ _____		= \$ _____
<input type="checkbox"/> GP-15 Private Residential Construction in Wetlands ¹		\$ 750	+	
<input type="checkbox"/> Temporary Disturbance (\$400/0.1ac)	_____ acres x \$4,000 =	\$ _____	+	
<input type="checkbox"/> Permanent Disturbance (\$800/0.1ac)	_____ acres x \$8,000 =	\$ _____		= \$ _____
GP(s) FEE subtotal (b)				\$ _____

PART ONE: SECTION A. APPLICATION FEE(S) subtotal (a+b=c) \$ _____

SECTION B. OTHER FEES

<input type="checkbox"/> Environmental Assessment for Waived Activities (§105.13(c)(2)(iv))		\$ 500		\$ _____
<input type="checkbox"/> Amendment to Water Obstruction and Encroachment Permit				
<input type="checkbox"/> Major Amendment ¹		\$ 500	+	
<input type="checkbox"/> Temporary Disturbance	_____ acres x \$4,000 =	\$ _____	+	\$ _____
<input type="checkbox"/> Permanent Disturbance	_____ acres x \$8,000 =	\$ _____		= \$ _____
<input type="checkbox"/> Minor Amendment		\$ 250		\$ _____

Transfer of Water Obstruction and Encroachment Permit *does not require submission of this form;*
see [Application for Transfer of Permit / Submerged Lands License Agreement \(3150-PM-BWEW-0016\)](#)

PART ONE: SECTION B. OTHER FEE(S) subtotal (d) \$ _____

PART ONE: FEE(S) TOTAL (c+d=e) \$ _____

DEP USE ONLY

FEE TOTAL: _____	Permit / Authorization Number (s): _____
Correct Amount: _____	Check #: _____
Check Amount: _____	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

- 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 \$ 900 \$ _____

Letter of Amendment or Authorization

- 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

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 Crossing:** Minor road crossing of a stream that qualifies for BDWM GP-07.

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

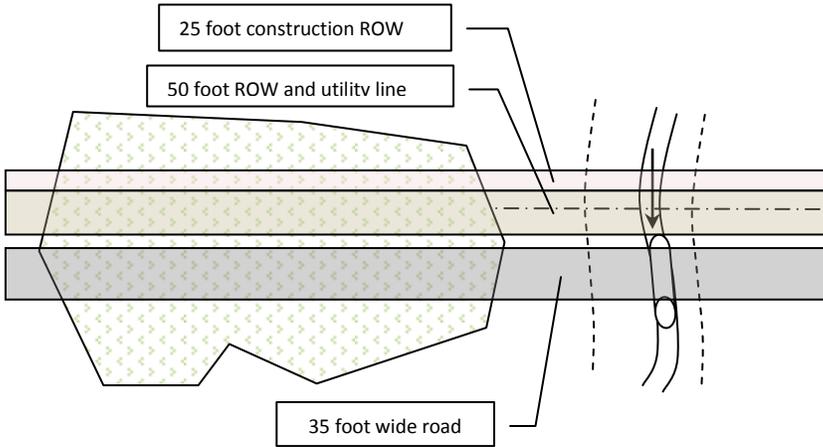
Some activities or structures within a project requiring an Individual Water Obstruction and Encroachment Permit may qualify for an accumulation of General Permit fees, please mark the corresponding fee(s) below but not the box above indicating a General Permit.

GP-7 Minor Road Crossings..... 1 (#) x \$ 350 = \$ 350
GP(s) FEE subtotal (b) \$ 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.

Administrative Filing Fee \$ 1,750 +
 Temporary Disturbance (\$400/0.1ac)..... 0.0 acres x \$4,000 = \$ 0 +
 Permanent Disturbance (\$800/0.1ac)..... 0.3 acres x \$8,000 = \$ 2,400 = \$ 4,150
WO&E FEE subtotal (a) \$ 4,150

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

Resource/Impact Type	Permanent	Temporary
Wetland		
Road	0.28	0
Utility Const. ROW	0	0.2
Utility Perm. ROW	0.4	0
Floodway/Stream		
Road	0.05	0
Utility Const. ROW	0	0.04
Utility Perm. ROW	0.08	0
Totals:	0.81	0.24
Rounded Totals:	0.9	0.3

<input checked="" type="checkbox"/> Administrative Filing Fee	\$ 1,750	+	
<input checked="" type="checkbox"/> Temporary Disturbance (\$400/0.1ac)..... <u>0.3</u> acres x \$4,000 =	\$ <u>1,200</u>	+	
<input checked="" type="checkbox"/> Permanent Disturbance (\$800/0.1ac)..... <u>0.9</u> acres x \$8,000 =	\$ <u>7,200</u>		= \$ <u>10,150</u>
WO&E FEE subtotal (a)			\$ <u>10,150</u>

4. 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.

<input checked="" type="checkbox"/> Administrative Filing Fee	\$ 1,750	+	
<input type="checkbox"/> Temporary Disturbance (\$400/0.1ac)..... <u>0.0</u> acres x \$4,000 =	\$ <u>0</u>	+	
<input checked="" type="checkbox"/> Permanent Disturbance (\$800/0.1ac)..... <u>0.2</u> acres x \$8,000 =	\$ <u>1,600</u>		= \$ <u>3,350</u>
WO&E FEE subtotal (a)			\$ <u>3,350</u>

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

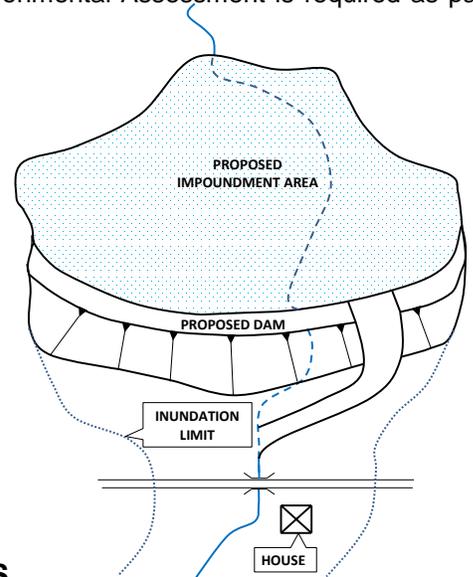
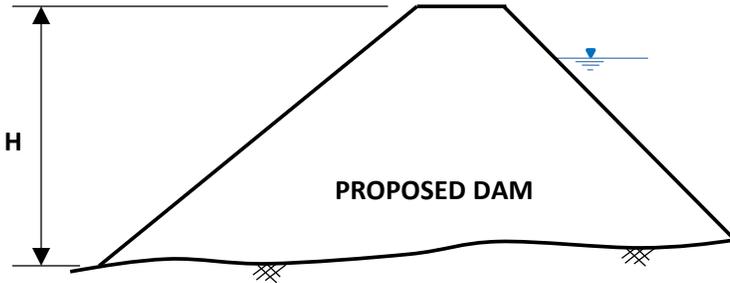
Some activities or structures within a project requiring an Individual Water Obstruction and Encroachment Permit may qualify for an accumulation of General Permit fees, please mark the corresponding fee(s) below but not the box above indicating a General Permit.

<input checked="" type="checkbox"/> GP-5 Utility Line Stream Crossings..... <u>6</u> (#) x	\$ 250		= \$ <u>1,500</u>
<input checked="" type="checkbox"/> 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) subtotal (a+b=c) \$ 5,550

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.

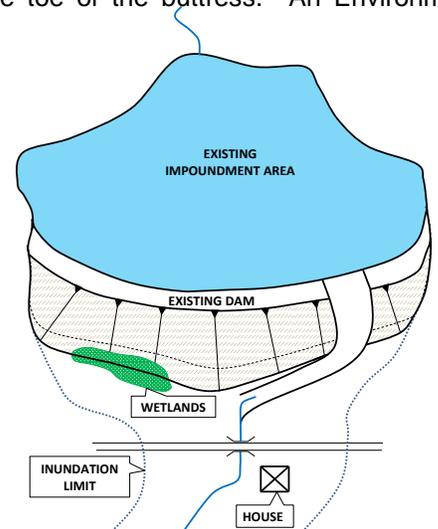
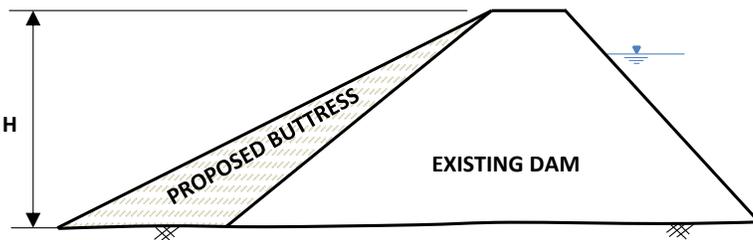


**DAM SAFETY APPLICATION FEES
(TO BE FILED WITH DAM SAFETY WITH THE DAM PERMIT APPLICATION)**

DAM PERMIT APPLICATION – NEW DAM

<input checked="" type="checkbox"/> Size C	<input type="checkbox"/> Hazard 1 \$10,500	<input checked="" type="checkbox"/> Hazard 2 \$10,500	<input type="checkbox"/> Hazard 3 \$10,000	<input type="checkbox"/> 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.

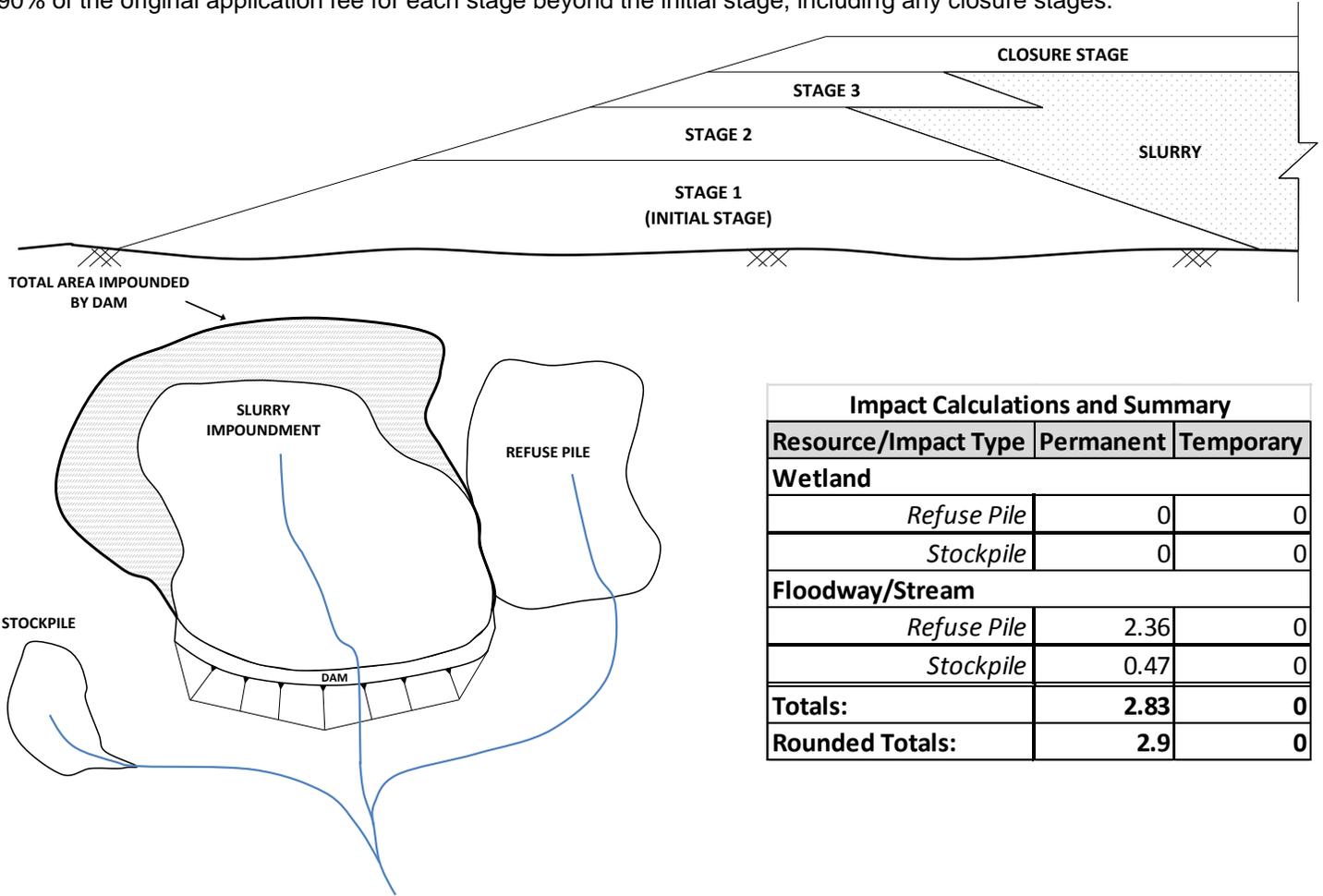


DAM SAFETY FEES

<input checked="" type="checkbox"/> Letter of Amendment or Authorization	
<input checked="" type="checkbox"/> Minor (<\$250,000)	
<input type="checkbox"/> Size A \$ 1,300	<input type="checkbox"/> Size B \$ 1,000
<input checked="" type="checkbox"/> Environmental Assessment	
<input checked="" type="checkbox"/> Letter of Amendment or Authorization	
<input type="checkbox"/> Size A \$ 1,400	<input type="checkbox"/> Size B \$ 1,000

<input checked="" type="checkbox"/> Size C	\$ 650	<u>\$ 650</u>
<input checked="" type="checkbox"/> Size C	\$ 900	<u>\$ 900</u>
DAM SAFETY FEE total		\$ 1,550

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.



Impact Calculations and Summary		
Resource/Impact Type	Permanent	Temporary
Wetland		
Refuse Pile	0	0
Stockpile	0	0
Floodway/Stream		
Refuse Pile	2.36	0
Stockpile	0.47	0
Totals:	2.83	0
Rounded Totals:	2.9	0

WATER OBSTRUCTION AND ENCROACHMENT FEES

(TO BE FILED WITH DEP REGIONAL OFFICE, COUNTY CONSERVATION OFFICE, OR DISTRICT MINING)

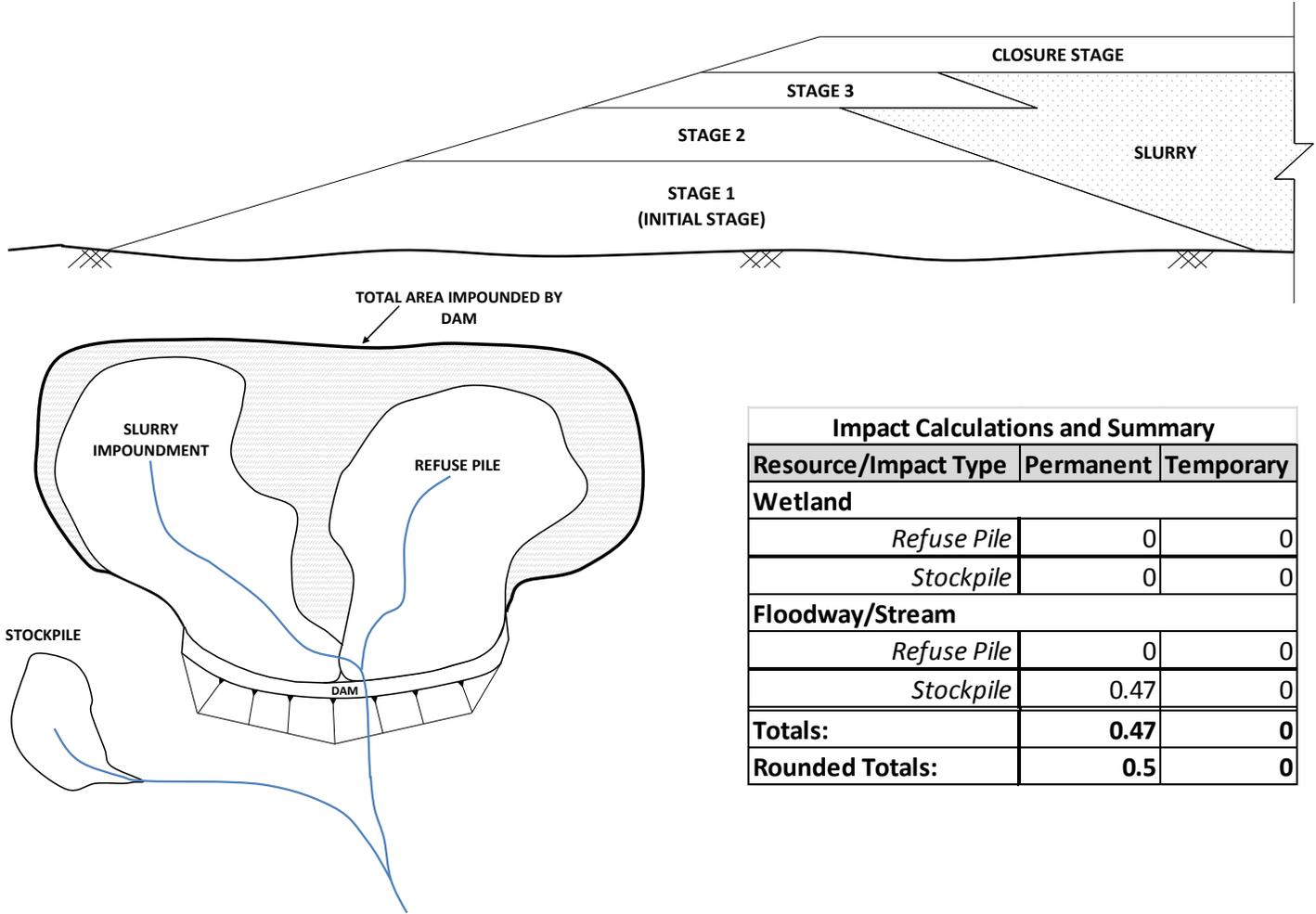
<input checked="" type="checkbox"/> Administrative Filing Fee		\$1,750
<input type="checkbox"/> Temporary Disturbance (\$400/0.1ac)	0.0 acres x \$4,000 =	
<input checked="" type="checkbox"/> Permanent Disturbance (\$800/0.1ac)	2.9 acres x \$8,000 =	\$23,200
WO&E FEE total		\$24,950

DAM SAFETY APPLICATION FEES

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

<input checked="" type="checkbox"/> DAM PERMIT APPLICATION – NEW DAM		
<input checked="" type="checkbox"/> Size A	<input checked="" type="checkbox"/> Hazard 1 \$26,500	<input type="checkbox"/> Hazard 2 \$26,500
	<input type="checkbox"/> Hazard 3 \$25,500	<input type="checkbox"/> Hazard 4 \$23,500
		\$ 26,500
<input checked="" type="checkbox"/> STAGED CONSTRUCTION		
No. OF STAGES BEYOND INITIAL STAGE <u>3</u> 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.



Impact Calculations and Summary		
Resource/Impact Type	Permanent	Temporary
Wetland		
Refuse Pile	0	0
Stockpile	0	0
Floodway/Stream		
Refuse Pile	0	0
Stockpile	0.47	0
Totals:	0.47	0
Rounded Totals:	0.5	0

WATER OBSTRUCTION AND ENCROACHMENT FEES

(TO BE FILED WITH DEP REGIONAL OFFICE, COUNTY CONSERVATION OFFICE, OR DISTRICT MINING)

<input checked="" type="checkbox"/> Administrative Filing Fee		\$1,750
<input type="checkbox"/> Temporary Disturbance (\$400/0.1ac)	0.0 acres x \$4,000 =	
<input checked="" type="checkbox"/> Permanent Disturbance (\$800/0.1ac)	0.5 acres x \$8,000 =	\$4,000
WO&E FEE total		\$5,750

DAM SAFETY APPLICATION FEES

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

<input checked="" type="checkbox"/> DAM PERMIT APPLICATION – NEW DAM		
<input checked="" type="checkbox"/> Size A	<input checked="" type="checkbox"/> Hazard 1 \$26,500	<input type="checkbox"/> Hazard 2 \$26,500
<input type="checkbox"/> Hazard 3 \$25,500	<input type="checkbox"/> Hazard 4 \$23,500	\$ 26,500
<input checked="" type="checkbox"/> 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



INSTRUCTIONS FOR COMPLETING THE PASPGP-5 REPORTING CRITERIA CHECKLIST

Follow the instructions below (pages 1-6) to complete the PASPGP-5 Reporting Criteria Checklist (pages 1-4) questionnaire. The questionnaire must be completed and provided as part of all DEP Chapter 105 applications / registrations to determine the appropriate federal Pennsylvania State Programmatic General Permit-5 (PASPGP-5) review procedure.

Incomplete submissions, including lack of certification signature, will be returned. Only the completed form (pages 1-4 need to be provided as part of the DEP Chapter 105 application / registration; do not submit the instructions.

NOTE: Many of the questions relate to work associated with a "Single and Complete Project". See PASPGP-5 Part II for definition of "Single and Complete Project" prior to answering questions.

SECTION A: ELIGIBILITY DETERMINATION

Question 1:

Answer YES if the proposed work associated with the Single and Complete Project individually or cumulatively impacts more than 1.0 acre of waters and/or wetlands, or results in the loss of greater than 1,000 linear feet of stream channel(s). The 1.0 acre area measurement includes all attendant features, both temporary and permanent, that are part of the Single and Complete Project, and the calculation is the sum total of all impacts to waters (streams, rivers, and other watercourses) and/or wetlands.

Question 2:

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;
- f. All of the Mahoning River;
- g. All of the Monongahela River;
- h. The Youghiogheny River from its mouth at McKeesport, Pennsylvania to river mile 31.2 at West Newton, Pennsylvania;
- i. 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
- l. 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 3:

Answer YES if any portion of the proposed work has been denied a DEP Chapter 105 Permit, a State Water Quality Certification as required under Section 401 of the Clean Water Act, or a Coastal Zone Consistency Determination.

Question 4:

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).

SECTION B: REPORTING ACTIVITY DETERMINATION

Question 1:

Answer YES if the proposed work associated with the Single and Complete Project, including any attendant features, permanently or temporarily impacts greater than 0.5 acre of waters of the United States, including jurisdictional wetlands.

Questions 2a – 2d:

Answer YES for **2a** if your proposed Single and Complete Project permanently impacts greater than 250 linear feet of streams, rivers, or other watercourses (excluding wetlands).

If YES for 2a, answer YES for **2b** if the work associated with the Single and Complete Project for stream bank stabilization, rehabilitation, protection and/or enhancement propose impacts of greater than 500 linear feet for stream channel(s).

If YES for 2a, answer YES for **2c** if the Single and Complete Project qualifies for a DEP GP-1 for Fish and Enhancement Structures.

If YES for 2a, answer YES for **2d** if your project is covered by a programmatic state water quality certification issued by DEP that is conditioned upon receiving approval by the Environmental Review Committee.

See PASPGP-5 Non-reporting Activity 20b for further information.

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 the utility line impacts for the Single and Complete Project exceed 500 linear feet.

Question 5:

Answer YES if the utility line runs parallel to a stream bed that is within a wetland/stream/waterbody complex.

If the application/registration does not include a utility line, answer NO.

Question 6:

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).

Questions 7a and 7b:

Answer YES to **7a** 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
Conneauttee 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

Questions 7a and 7b (cont):

If YES for 7a, answer YES to 7b if you have received documented clearance from the USFWS, or a “No Effects” determination from the Corps pursuant to Section 7 of the Endangered Species Act dated May 4, 2015 or later. Documented clearance from the USFWS could include PNDI language stating “NO KNOWN IMPACT”; or, if in a USFWS letter the language must indicate “no effect” or “the project or activity will not affect Federally listed species.”

Questions 8a and 8b:

Answer YES to 8a if the proposed work will impact Federally regulated wetlands in one of the below listed counties. Counties: Adams, Berks, Bucks, Carbon (only Aquashicola Creek Watershed), Chester, Cumberland, Delaware, Dauphin (only Swatara Creek Watershed), Franklin (only Antietam Creek Watershed) Lancaster, Lebanon, Lehigh, Monroe, Montgomery, Northampton, Schuylkill (only Swatara Creek Watershed), and York.

If YES for 8a, answer YES for 8b if you have received documented clearance from the USFWS, or a “No Effects” determination from the Corps pursuant to Section 7 of the Endangered Species Act dated May 4, 2015 or later. Documented clearance from the USFWS could include PNDI language stating “NO KNOWN IMPACT”; or, if in a USFWS letter the language must indicate “no effect” or “the project or activity will not affect Federally listed species.”

Questions 9a and 9b:

Answer YES for 9a if your completed PNDI search identifies a potential conflict(s) for a Federally listed species.

If YES for 9a, answer YES for 9b if 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.

Question 10:

Answer YES if the proposed work is associated with maintenance dredging of a reservoir to maintain the designed storage capacity, including the removal of accumulated sediments, and the work is authorized pursuant to Section 7 of the Dam Safety and Encroachments Act, 32 P.S. § 693.1, et seq., and the rules and regulations promulgated there under in the PA Bulletin (codified at 25 PA. Code, Chapter 105, § 105.131 (c)).

For work associated with maintenance of a pond that qualifies for DEP Chapter 105 Waiver 14, enter NO.

Questions 11a – 11c:

Answer YES for 11a if the DEP Chapter 105 application/registration required you to submit a Cultural Resources Notification Form to the Pennsylvania Historic and Museum Commission (PHMC), and you have included the response letter from the State Historic Preservation Office (SHPO), i.e. PHMC.

Cultural Resources Notification Form is not required for DEP Chapter 105 General Permits (GP). If registering use of a GP, answer YES.

If YES for 11a, answer YES for 11b if the SHPO, i.e., PHMC has determined that archaeological or other cultural resources are believed to exist within the permit area, or has recommended that a Phase 1 archeological survey be performed.

If PHMC has determined that archaeological or other cultural resources are believed NOT to exist within the permit area, answer NO.

If YES for 11b, answer YES for 11c if you have received documented clearance from PHMC or a No Potential to Effect determination from the Corps. Documented clearance from the PHMC could include: a letter stating “No Effect on Historic Properties”; a letter stating that “Historic Properties (historic and archeological) are not present or are unlikely to occur within the project area”; or a letter stating that no sites that are listed or eligible for listing in the National Register will be effected. **If YES, provide copy of such document(s) in application / registration.**

Questions 12a and 12b:

Answer Yes for 12a if the proposed work occurs in a component of the National Wild and Scenic River System or in a river officially designated by Congress as a “Study River” for possible inclusion in the System (See below for listing of waters).

1. Allegheny River, from the Kinzua Dam Mile 197.2, downstream approximately 7 miles to the US Route 6 Bridge, at mile 190.7, in Warren, then from the Buckaloons Recreation Area in Allegheny National Forest at mile 181.7 downstream 47 miles to Alcorn Island just north of Oil City at river mile 133.7, and then continuing from the Franklin Wastewater Treatment Plant at mile 122.7, downstream 31 miles to the refinery at Emlenton mile 90.7;

Questions 12a and 12b (cont):

2. Clarion River from mile 91.1 in the Borough of Ridgeway, Elk County, Pennsylvania, at the National Forest and Gamelands Boundary to mile 39.4 at the normal pool elevation of Piney Dam;
3. Upper Delaware Scenic and Recreational River, including the ¼ mile buffer from each bank, beginning at Hancock, New York, and continuing 73.4 river miles to Mill Rift, Pennsylvania;
4. Middle Delaware Scenic and Recreational River (from bank to bank) as it flows through the Delaware Water Gap National Recreation Area;
5. Lower Delaware River beginning 7 river miles north of Belvidere, New Jersey, continuing to Washington Crossing, Pennsylvania, including Paunacussing Creek within Solebury Township, all of the Tincum Creek including Rapp Creek and Beaver Creek Tributaries, and Tohickon Creek from the mouth to the Lake Nockamixon Dam, including a ¼ mile buffer from each bank; and
6. White Clay Creek watershed including all of its tributaries.

If YES for 12a, answer YES for **12b** if you received a written determination from the Federal agency with direct management responsibility for such river that the proposed activity will not adversely affect any Wild and Scenic River including study rivers. **If YES, provide copy of such document(s) in application / registration.**

Question 13:

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

Question 14:

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

Question 15:

Answer YES if you are proposing activities authorized pursuant to DEP Chapter 105 permits in conjunction with coal and non-coal mining permits issued by the DEP District Mining Offices (Bureau of Mining and Reclamation), including activities authorized pursuant to Chapter 105 Waiver 4 [25 Pa. Code §105.12(a)(4)] and GP-101 and GP-102.

Question 16:

Answer YES if the proposed work is associated with the construction of a Mitigation Bank or In Lieu Fee site, developed to meet the requirements of the Corps and EPA April 10, 2008 Compensatory Mitigation for Losses of Aquatic Resources: Final Rule.

Question 17:

Answer YES if the proposed work will alter, use, build upon, attempt to possess, or potentially harm or impair any existing or proposed Corps of Engineers Civil Works project, or any Corps of Engineers owned or managed property. Additional information on the location of Corps Civil Works projects and property may be obtained by checking with the appropriate Corps District.

Questions 18a – 18c:

Answer YES for **18a** if the proposed project is part of or involves the construction or expansion of a residential, commercial or institutional subdivision or development.

If YES for 18a, answer YES for **18b** 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.**

If YES for 18a, and 18b, answer YES for **18c** 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.**

Question 19:

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 20:

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 purpose. **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.

Question 20 (cont):

- Project Name: The name the project is commonly referred to
- Date of Submittal: The date the application/registration was submitted to DEP
- DEP Reviewing Office: Name of DEP Regional Office, or County Conservation District reviewing application/registration.
- Corps Reviewing Office: If application/registration is being reviewed by the Corps, enter Baltimore, Pittsburgh or Philadelphia District.

Question 21:

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.

Questions 22a and 22b:

Answer YES for **22a** if you are proposing work in the below listed waters.

Waterway	Action Area (From Point Specified to the Confluence with the Delaware River)	Latitude	Longitude
Marcus Hook Creek	US Route 13 Bridge	39.822054	-75.409873
Stoney Creek	US Route 13 Bridge	39.828408	-75.400953
Chester Creek	Kerlin Street Bridge	39.855846	-75.37641
Ridley Creek	McDade Boulevard	39.869522	-75.356692
Crum Creek	US Route 13 Bridge	39.866799	-75.340677
Darby Creek	Pine Street Bridge	39.914006	-75.259994
Frankford Creek	Frankford Avenue/US 13 Bridge	40.005314	-75.070173
Frankford Creek (Original Mouth)	End of Channel	40.004912	-75.070173
Pennypack Creek	Route 13 Bridge	40.043421	-75.020638
Poquessing Creek	Mill Road bridge	40.043421	-75.982076
Neshaminy Creek	Rapids just below Hulmeville Road Bridge (SR 513), Bucks County	40.141393	-74.911899
Unnamed Tributary 1, located in Croydon, PA	River Road crossing	40.085774	-74.8856
Otter/Mill Creek	US 13 (Bristol Pike) Bridge	40.100424	-74.866976
Unnamed Tributary 2, located in Bristol, PA	Wood Street Bridge	40.102044	-74.845682
Martins Creek	Main Street (Tulleytown)	40.141975	-74.812026
Scott's Creek	End of creek	40.12921	-74.793879
Scott's Creek Relocated Channel, located at Money Island, Bucks County, PA	First culvert crossing	40.125578	-74.776886
Non-Tidal Tributaries			
Buck Creek	Delaware Canal	40.243699	-74.838279
Dyers Creek	Delaware Canal	40.267098	-74.858495
Houghs Creek	Delaware Canal	40.28148	-74.865783
Jericho Creek	Delaware Canal	40.313984	-74.902899
Pidcock Creek	Delaware Canal	40.331508	-74.935788

If YES for 22a, answer YES for **22b** if you can conduct the work in compliance with the following conservation measures:

1. No work shall occur from March 15 to November 15, of any given year.
2. All Dredging shall be performed by a mechanical dredge and/or techniques (clamshell bucket etc.).
3. All work, including the installation of turbidity curtains and dewatering cofferdams, shall be performed during low tide or when the tide is waterward of the proposed work in all tidal waterbodies listed, or during periods of low or no flow in the non-tidal waterbodies listed.

Questions 22a and 22b (cont):

4. Blasting is not authorized by the PASPGP-5 within the listed waterbodies.
5. Pile Driving:
 - a. Piles shall not be greater than 12 inches in diameter;
 - b. Piles shall be installed using a vibratory hammer or an impact hammer provided noise attenuation devices (cushion blocks, etc.) are used, and a “soft start” is performed each day of pile driving. A “soft start” is the building up of power slowly during pile driving activities to allow for fish and other wildlife to leave the area; and
 - c. Pile driving activities shall be limited to no more than 12 hours per day.

SECTION C: CERTIFICATION

Please sign and date in the appropriate locations. The submission will not be accepted unless the original form and copy are signed and dated by the applicant (the owner). (See [Chapter 105 Water Obstructions and Encroachment General Permit Registration \(3150-PM-BWEW0500\)](#) Section A – Applicant Information for clarification on applicant signatures)

IMPERVIOUS SURFACE DATA FOR CORPS

Questions 1a – 1c:

Answer YES for **1a** if your project is located in the area covered by the Corps of Engineers Philadelphia District (Delaware River Watershed), or Chester, Lancaster, or York County. If YES, answer 1b and 1c.

If YES for 1a, answer YES for **1b** if your project proposes a permanent impervious surface(s) within the footprint of a waterbody, including wetlands, and enter the amount of impervious fill within the waterbody on the blank line following the question. Impervious surfaces are defined as a hard surface area which either prevents or retards the entry of water into the soil. Common impervious surfaces include roof tops, walkways, patios, driveways, parking lots or storage areas, concrete or asphalt paving, gravel roads, packed earthen material, and oiled surfaces. Examples of project fill components constructed as a result of permanent discharges of dredged or fill material into waters of the United States that are considered to be an impervious surface may include, but are not limited to: house pads, walkways, patios, driveways, parking lots, storage areas, concrete, asphalt paving, pre-cast concrete planks or slabs, road crossings, and concrete abutments. For bank stabilization activities, an impervious surface is only applicable to the concrete lining of waterways and grouted riprap/rock within jurisdictional waters of the United States that exist above the mean high water (MHW) line in tidal waters or above the ordinary high water mark (OHWM) in non-tidal waters.

The following list contains examples of project components that are **not** considered impervious surface cover: temporary fills/structures; fill for lawns/parks; mechanized land clearing (tilling, etc.); pavers (specifically designed to allow water infiltration, i.e. with vegetation holes); boat ramps with loose rock, stone, gravels, and metal grate panels; and bank stabilization with ungrouted riprap, rock, utilizing bio-engineering techniques (e.g. willow planting, root wads, large woody debris, etc.); rock filled gabions; and any project feature that is specifically designed to infiltrate water.

If YES for 1a, answer YES for **1c** if you will be removing any impervious surfaces as part of your project. **If YES, then enter the amount of impervious surface being permanently removed as part of project.**

PASPGP-5 REPORTING CRITERIA CHECKLIST

The following questionnaire must be completed (instructions on pages 1-6) and submitted as part of all DEP Chapter 105 applications / registrations to determine the appropriate Federal Pennsylvania State Programmatic General Permit-5 (PASPGP-5) review procedure. **Incomplete submissions, including lack of certification signature, will be returned.**

Applicant / Project Name:

County(s):

SECTION A: ELIGIBILITY DETERMINATION

- YES NO 1. Does the proposed work associated with the Single and Complete Project temporarily and/or permanently impact greater than 1.0 acre of waters and/or wetlands, and/or result in the loss of greater than 1,000 linear feet of stream channel(s)?
- YES NO 2. Is any of the proposed work located waterward of the ordinary high water mark (OHWM) of any of the ineligible waterbodies identified in the instructions?
- YES NO 3. Has any portion of the proposed work been denied a DEP Chapter 105 Permit, a State Water Quality Certification as required under Section 401 of the Clean Water Act, or a Coastal Zone Consistency Determination?
- YES NO 4. Does the proposed work 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)?

SECTION B: REPORTING ACTIVITY DETERMINATION

- YES NO 1. Does proposed work associated with a Single and Complete Project, including any attendant features, permanently and/or temporarily impact greater than 0.5 acre of waters of the United States, including jurisdictional wetlands?
- YES NO 2a. Does the application/registration include any proposed Single and Complete Projects permanently impacting greater than 250 linear feet of streams, rivers, or other watercourses (excluding wetlands)?
- YES NO 2b. Is the Single and Complete Project for stream bank stabilization, rehabilitation, protection and/or enhancement and propose impacts of greater than 500 linear feet of stream channel(s)?
- YES NO 2c. Does the Single and Complete Project qualify for DEP GP1 for Fish and Enhancement Structures?
- YES NO 2d. Is the project covered by a programmatic state water quality certification issued by - that is conditioned upon receiving approval by- the Environmental Review Committee?
- YES NO 3. Does the application/registration include any Single and Complete Projects that propose the permanent conversion of greater than 0.10 acre of forested and/or shrub-scrub wetlands in association with a regulated activity?
- YES NO 4. If the application/registration is for a utility line, do any of the single and complete projects in waters of the United States, including jurisdictional wetlands, exceed 500 linear feet (excluding overhead lines)?
- YES NO 5. Is this application/registration to place a buried utility line in waters and/or wetlands in a manner that the utility line will run parallel to or along a stream bed?

SECTION B: REPORTING ACTIVITY DETERMINATION (CONT)

YES NO 6. Is your application/registration 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 Corps as a Category III/Reporting Activity? **If YES, please complete the following table.**

Authorization Type	Authorization Number	Date (mm/dd/yyyy)	Federal Permitted Impacts	
			Wetlands	Waters

YES NO 7a. Is your proposed project located in 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? See *instructions for list of waterways.*

YES NO 7b. If 7a is yes, have you received documented clearance from the USFWS, or a Section 7 of the Endangered Species Act (ESA) "no effect" determination from the Corps? Documented clearance from the USFWS could include PNDI language stating "NO KNOWN IMPACT"; or, if in a USFWS letter the language must indicate "no effect" or "the project or activity will not affect Federally listed species."

YES NO 8a. Does your project propose impacts to Federally regulated wetlands in a county that requires bog turtle screening procedures? See *instructions for list of counties.*

YES NO 8b. If 8a is YES, have you received documented clearance from the USFWS, or a Section 7 ESA "no effects" determination from the Corps? Documented clearance from the USFWS could include PNDI language stating "NO KNOWN IMPACT"; or, if in a USFWS letter the language must indicate "no effect" or "the project or activity will not affect Federally listed species."

YES NO 9a. Does your completed Pennsylvania Natural Diversity Inventory (PNDI) search receipt identify a potential conflict(s) for a Federally listed species?

YES NO 9b. If YES for 9a, have you received additional documented Section 7 ESA clearance, or do you agree, through signing of the PNDI receipt, to comply with all avoidance measures identified on the PNDI receipt associated with Federally listed species for the proposed work?

YES NO 10. Is the proposed work associated with maintenance dredging of a reservoir's design storage capacity, including the removal of accumulated sediments? This corresponds to activities authorized pursuant to Section 7 of the Dam Safety and Encroachments Act (DSEA), 32 P.S. § 693.1, et seq., and the rules and regulations promulgated there under in the PA Bulletin (codified at 25 PA. Code, Chapter 105, § 105.131(c)).

YES NO 11a. If the DEP Chapter 105 application/registration requires submittal of a Cultural Resources Notification Form as part of the application/registration, have you included the response letter from the State Historic Preservation Officer (SHPO), i.e., Pennsylvania Historic and Museum Commission (PHMC) with your application/registration?

YES NO 11b. Has the PHMC determined that archaeological or other cultural resources are believed to exist within the permit area?

YES NO 11c. If yes for 11b, have you received follow-up documented clearance from PHMC, or a Section 106 "no effect" determination from the Corps?

YES NO 12a. Does the proposed work occur in a component of the National Wild and Scenic River System or in a river officially designated by Congress as a "Study River" for possible inclusion in the System? See *instructions for listing.*

YES NO 12b. If yes for 12a, have you received a written determination from the Federal agency with direct management responsibility for such river that the proposed activity will not adversely affect any Wild and Scenic River including study rivers?

YES NO 13. Does the proposed project require the preparation of an Environmental Impact Statement?

YES NO 14. Does the proposed regulated activity or area of indirect impact (secondary impact) extend across state boundaries (i.e., the work is not wholly located within the Commonwealth of Pennsylvania)?

SECTION B: REPORTING ACTIVITY DETERMINATION (CONT)

- YES NO 15. Is the proposed work authorized pursuant to DEP Chapter 105 permits in conjunction with coal and non-coal mining permits issued by the DEP District Mining Offices (Bureau of Mining and Reclamation), including activities authorized pursuant to Chapter 105 Waiver 4 [25 Pa. Code §105.12(a)(4)] and GP-101 and GP-102]?
- YES NO 16. Is the proposed work associated with the construction of a Mitigation Bank or In Lieu Fee site developed to meet the requirements of the Corps and EPA April 10, 2008 Compensatory Mitigation for Losses of Aquatic Resources: Final Rule?
- YES NO 17. Will the proposed work alter, use, build upon, attempt to possess, or that may harm or impair any existing or proposed Corps Civil Works project, and any Corps-owned or managed property?
- YES NO 18a. Does the Single and Complete Project involve the construction or expansion of a residential, commercial or institutional subdivision or development?
- YES NO 18b. Does greater than 0.25 acre of wetland(s) exist within the property boundary that are not proposed to be directly impacted as part of this application/registration? **If YES, provide wetland acreage: _____ acres.**
- YES NO 18c. Are you proposing to protect the wetland area(s) through a deed restriction or conservation easement that follows the Corps' Model Protective Covenant?
- YES NO 19. Does the proposed work temporarily impact waters and/or wetlands that will exist for more than 1 year?
- YES NO 20. Do you have any other pending applications/registrations with the DEP or Corps that are necessary for this total proposed project to function and meet its intended purpose? **If YES, provide following information.**

Application / Registration Number / Type	Project Name	Date of Submittal to DEP (mm/dd/yyyy)	DEP / CCD Reviewing Office	Corps Reviewing Office

- YES NO 21. Are you 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 Francis E. Walter Dam, located in Carbon and Luzerne County, Pennsylvania between March 15 and June 30)?
- YES NO 22a. Does the proposed work occur in any of the waters listed in the instructions?
- YES NO 22b. Will you comply with all of the identified conservation measures?

SECTION C: CERTIFICATION

I certify that the information provided on this form is true and correct to the best of my knowledge and information. If any of the information and/or plans is found to be in error, falsified, and/or incomplete, your Chapter 105/PASPGP-5 authorization/verification may be subject to modification, suspension, or revocation in accordance with applicable regulations.

Signature of Applicant

Date

Name Typed or Printed

IMPERVIOUS SURFACE DATA FOR CORPS

- YES NO 1a. Is your project located in the Corps of Engineers Philadelphia District (Delaware River Watershed), or in Chester, Lancaster, or York County?
- YES NO 1b. Does your project propose impervious surfaces within waters and wetlands? **If YES, provide area of impervious surface within the footprint of waters and wetlands:** _____ square feet
- YES NO 1c. Does any part of your project propose the removal of any impervious surfaces? **If YES, provide area of impervious surface being removed:** _____ square feet

FOR DEP USE ONLY

DEP / District Manager Signature

Date

Name Typed or Printed

Permit Number

How to Use the PNDI Large Project Form

If your Project is a “Large Project”— too large/long to search on the online system
Projects are considered “Large Projects” when the ENTIRE project is:

- Linear/Large Projects that exceed the PNDI online project size limits of 10 miles in length or 1200 acres
- Township-wide, Countywide or Statewide Projects. Examples: Act 537 Sewage Plans, Wind Farms, Roadway Improvements exceeding map limits above.

Due to system limitations and agency requirements, projects should not be submitted piecemeal. The entire project area including roads and infrastructure should be submitted as a single unit.

What to Send to Jurisdictional Agencies

Send the following information to all of the agencies listed on the Large Project Form.

Check-list of Minimum Materials to be submitted:

- Completed Large Project Form
- Supplemental project narrative with a description of the overall project, the work to be performed, current physical characteristics of the site and acreage to be impacted.
- USGS 7.5-minute Quadrangle with project boundary clearly indicated, and quad name on the map

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

- GIS shapefiles depicting the project extent
- A basic site plan (particularly showing the relationship of the project to the physical features such as wetlands, streams, ponds, rock outcrops, etc.)
- Color photos keyed to the basic site plan (i.e. showing on the site plan where and in what direction each photo was taken and the date of the photos)
- Information about the presence and location of wetlands in the project area, and how this was determined (e.g., by a qualified wetlands biologist), if wetlands are present in the project area, provide project plans showing the location of all project features, as well as wetlands and streams

PNDI Large Project Form Definitions

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

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

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

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

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

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



Aquatic Resource Impact Table

Applicant's Name / Client:

for Pennsylvania Chapter 105 Water Obstruction and Encroachment application/registration and US Army Corps of Engineers Section 404 application

INSTRUCTIONS:

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 page) and the date of application/registration package submission (upper right, under Applicant's Name / Client). Then complete one row of data for each regulated (DEP Chapter 105 and Corps Section 404) 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.**

Project / Permit Number	DEP / Corps USE ONLY
DEP Permit Number:	<i>leave blank</i> , it will be completed by DEP upon permit acknowledgement/issuance/verification.
Single and Complete Project Number:	<i>leave blank</i> , it will be completed by DEP/Corps upon permit acknowledgement/issuance/verification.
Crossing Number:	<i>leave blank</i> , it will be completed by DEP upon permit acknowledgement/issuance/verification.
Project Information <i>provide the appropriate information based on the details on each impact for the project</i>	
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 aspects of the permit registration/application package.
Aquatic Resource:	indicate if the structure or activity is impacting a stream or wetland
Aquatic Resource Type:	select/provide the type of aquatic resource (based on wetland or stream) being impacted; Stream: select/provide the type of stream being impacted; perennial, intermittent, ephemeral stream or stream floodway Wetland: select/provide the type of wetland being impacted; PEM, PSS, PFO or POW wetland
Latitude (nad 83):	provide the latitude of the aquatic resource impact in decimal degrees
Longitude (nad 83):	provide the longitude of the aquatic resource impact in decimal degrees
Work proposed / impact type:	select/provide the type of work proposed to impact the resource; aerial, boring, excavation or fill
Waters Name:	provide the name of the stream or wetland (if available)
PA Code Chapter 93 Designation:	provide the Chapter 93 designation for the aquatic resource
Corps / 404 area <i>provide the appropriate information based on the aquatic resource impact within the Section 404 jurisdictional area, list all impacts separately.</i>	
Corps Impact Type:	select/provide the type of aquatic resource impact; temporary, permanent or n/a; indicate "n/a" if you are not proposing any work in, over, or under waters and/or wetlands
WIDTH	provide the linear feet, measuring from top of bank to top of bank, of transverse and/or full channel fill stream impacts; indicate "n/a" if impact is to a wetland OR if "n/a" to Corps Impact Type
LENGTH	provide the linear feet, measuring down the center line of stream, of transverse and/or full channel fill stream impacts; indicate "n/a" if impact is to a wetland OR if "n/a" to Corps Impact Type
AREA	provide the square feet area of direct and indirect/secondary stream impact; dewatering or fill placed in stream channel such as rip rap or fish habitat; indicate "n/a" if impact is to a wetland OR if "n/a" indicated above to Corps Impact Type
AREA	provide the square feet area of impacts to wetlands; indicate "n/a" if impact is to a stream OR if "n/a" to Corps Impact Type
PADEP / 105 area <i>provide the appropriate information based on the aquatic resource impact within Chapter 105 jurisdictional area, list all impacts separately.</i>	
PADEP Impact Type:	select/provide the type of aquatic resource impact; temporary or permanent.
Floodway Impact:	AREA provide the square feet area of direct and indirect/secondary 100-year floodway impact, including watercourse; indicate "n/a" if impact is to a wetland.
Wetland Impact:	AREA provide the square feet area of impacts to wetlands; indicate "n/a" if impact is to a stream

Project / Site Name: _____ **Date:** July 1, 2016

DEP / Corps use only		Project Information										Corps / 404			PADEP / 105					
		PADEP Permit Number <i>leave blank</i>	Crossing Number <i>leave blank</i>	Structure / Activity unique identifier	Aquatic Resource being impacted	Aquatic Resource TYPE	Latitude <i>dd mmss</i>	Longitude <i>ddd mmss</i>	Work Proposed / Impact Type	Waters Name	PA Code Chapter 93 Designation	Corps Impact TYPE <i>temp / perm</i>	Stream WIDTH linear feet	Stream Impact LENGTH linear feet	Stream Impact AREA square feet	Wetland Impact AREA square feet	DEP Impact TYPE <i>temp / perm</i>	Floodway Impact AREA square feet	Wetland Impact AREA square feet	
				Stream 1	Stream	Perennial	41.7710519	-77.1526930	Excavation	UNT	CWF	Temp	6	110	713	N/A	N/A	Temp	2201	N/A
				Wetland 1	Wetland	Paulstine Emergent (42.6895100	-76.1539500	Boring	WETLAND	OTHER	N/A	N/A	N/A	N/A	N/A	N/A	Perm	N/A	300
				Wetland 2	Wetland	Paulstine Emergent (42.7026800	-76.1546200	Fill	WETLAND	OTHER	Perm	N/A	N/A	N/A	N/A	N/A	Perm	N/A	83

