

WATER OBSTRUCTION AND ENCROACHMENT APPLICATION PACKAGE



Edward G. Rendell, *Governor*
Commonwealth of Pennsylvania

An Equal Opportunity Employer

www.depweb.state.pa.us

Kathleen A. McGinty, *Secretary*
Department of Environmental Protection

3930-BK-DEP2175 Rev. 2/2008

PLEASE READ THIS FIRST

REMINDER

YOU MUST SUBMIT THE FOLLOWING:

(1) - PERMIT APPLICATION - GENERAL INFORMATION

AND

(2) - JOINT APPLICATION FOR U.S. ARMY CORPS OF
ENGINEERS SECTION 404 PERMIT AND PA WATER
OBSTRUCTION AND ENCROACHMENT PERMIT

AND

(3) - ALL OTHER REQUIRED FORMS AND REPORTS

ALL INFORMATION MUST BE SUBMITTED IN
TRIPLICATE

Any questions, please contact the Permitting and Technical Services Section in the
appropriate DEP Regional Office.

OVER

WATER OBSTRUCTION AND ENCROACHMENT APPLICATION PACKAGE

LIST OF FORMS/INFORMATION INCLUDED

For information on Land use, please visit the following Web site:

<http://www.dep.state.pa.us/hosting/growingsmarter>

General Information Forms (GIF)

Instructions - Authorization Application (8000-PM-IT0001)

Appendix A - Authorization/Application Types Affected by DEP's Land Use Policy
(8000-PM-IT0001)

*Form –Authorization Application (8000-PM-IT0001)

Checklist –Authorization Application (8000-PM-IT0001)

GIF Codes –Authorization Application (8000-PM-IT0001)

NAICS Codes

Locational Data Codes

Instructions for Completing Cultural Resource Notice and List of Exemptions
(0120-PM-PY0003) (0120-PM-PY0003a)

*Cultural Resource Notice (0120-PM-PY0003)

Checklist - Cultural Resource Notice (0120-PM-PY0003)

Fact Sheet - DEP Money-Back Guarantee Permit Review Program (4000-FS-DEP1835)

Joint Permit Application Instructions for a Pennsylvania Water Obstruction and Encroachment Permit
Application and a U.S. Army Corps of Engineers Section 404 Permit Application (3930-PM-WM0036)

*Joint Application for Pennsylvania Water Obstruction and Encroachment Permit and
U.S. Army Corps of Engineers Section 404 Permit (3930-PM-WM0036A)

Environmental Assessment Form (E.A. Form) Instructions (3930-PM-WM0017)

*Environmental Assessment Form (E.A. Form) (3930-PM-WM0017A)

*Pennsylvania Natural Diversity Inventory Form (8100-FM-FR0161)

Fact Sheet - Pennsylvania State Programmatic General Permit PASPGP-3 (3930-FS-DEP1800)

***Forms that must be returned to process application. These pages are perforated for removal.**

INSTRUCTIONS

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTIONGENERAL INFORMATION FORM -- AUTHORIZATION APPLICATION
INSTRUCTIONS

GENERAL INFORMATION

To Obtain DEP Application Packages. To expedite the processing of the applicant's request, the Department of Environmental Protection (DEP) asks that you use the most up-to-date application package available. The most recent version of this General Information Form (GIF) package can be obtained by contacting the appropriate DEP office, or through our Web site noted below. This package, as well as other Department-wide and/or Program-Specific Permit Application Form Packages are available in Microsoft Word format at this same web location. Applicants can download the appropriate form to a personal computer, complete the form electronically, and print the document for submittal to the Department.

<http://www.depweb.state.pa.us>

Select: Subjects, P, Permits/Authorizations, Department-wide Permit Application Form Packages, GIF Form (also available are: Instructions, Authorizations/Applications Affected by Land Use Policy and Checklist).

General Instructions. This package is designed to assist the applicant in completing the General Information Form (GIF) and in determining which environmental permits or approvals are needed for the project. Please type or print clearly when completing the form. If information needed is more than space allows, attach additional sheets as necessary. If a question is not applicable to you or your project, write NA in the appropriate box. *For example -- application is in reference to the Act 537 Program. Many GIF questions may not apply to this type of applicant; but program-specific forms for that particular program will need more information from the applicant.*

A full application for a particular DEP permit or other authorization will generally consist of this GIF and additional forms related to the particular permit or other authorization. Individual applications may require more detailed information, such as site drawings and more detailed applicant information. Moreover, an applicant may need to provide proof of financial responsibility (such as performance bonds, insurance policies, or both) in order to qualify for some DEP permits or authorizations. These requirements vary by program. Be sure to ask each program whether you must supply financial responsibility documents in order to obtain your permit or other authorization.

If multiple applications are submitted, only one GIF need be submitted with the various program-specific applications. If the applications are submitted at different times, the applicant may photocopy the most up-to-date version of the GIF or refer to the Application Processing System (APS) coordination number assigned by DEP (if known) when submitting forms.

DEFINITIONS

To provide the applicant with a better understanding of terminology, we are including the following definitions.

eFACTS (Environment, Facility, Application, Compliance Tracking System). The Department of Environmental Protection's electronic application system to document and maintain client, site and facility data for purposes of authorizing regulated activities and tracking compliance.

eNotice. DEP has developed a comprehensive environmental compliance information reporting system to give the public access to permitting and compliance information on individual facilities by program and by geographic area. This system is available by logging on to the DEP Web site and selecting eNOTICE.

Client (Responsible Party). A client (also referred to as Applicant) is a person or organization that requests approval from DEP to perform a regulated activity. Client information is documented and assigned an internal DEP Client ID# for tracking purposes.

Site (Place). A site is a physical location of importance to DEP. A site may include locations where a regulated facility is physically located or where a regulated activity occurs that has the potential to impact the health and safety of the citizens and/or the natural resources of the Commonwealth. A site is not solely defined by geographical location (can span several municipalities and even counties in some cases) but rather by the client/applicant's purpose of doing business. All DEP programs involvement at a physical location of importance to DEP is grouped under one 'entity' – site. This holistic view of site will promote an understanding of the interrelationships of facilities to support pollution prevention; multi-media inspections; a Department-wide view of compliance; and public understanding and access of information. Site information is documented and assigned an internal DEP Site ID# for tracking purposes.

Site-to-Client Relationships. DEP will create internal records to relate (link) each site with all clients associated with the site and/or its facilities.

Facility. A facility (also referred to as Primary Facility (PF)) is a logical bridge between sites and sub-facilities that allows DEP to provide a framework for a facility's or an activity's regulation. Primary facility is a way to group a program's involvement at a site (what it regulates) under one heading. For example: The Coal Mining program groups all of their involvement (regulated entities) under the Primary Facility type of 'Coal Mining Operations'. Facility information is documented and assigned an internal DEP Facility ID# for tracking purposes.

Other examples of PFs are:

Water Pollution Control Facility
Radiation Facility
Oil & Gas Location
Water Resource
Air Emissions Plant
Encroachment Location

Sub-Facility. A sub-facility (SF) is program-specific. A sub-facility is what DEP regulates. For example: A Deep Mine is a sub-facility of a Coal Mining Operation primary facility.

Other examples of PFs and associated SFs are:

Primary Facility (PF)	Sub-Facility (SF)
Water Pollution Control Facility	<ul style="list-style-type: none"> • Treatment Plant • Discharge Point
Radiation Facility	<ul style="list-style-type: none"> • X-ray Machine • Radioactive Materials
Oil & Gas Location	<ul style="list-style-type: none"> • Well • Pit
Water Resource	<ul style="list-style-type: none"> • Surface Water Withdrawal • Groundwater Withdrawal
Air Emissions Plant	<ul style="list-style-type: none"> • Incinerator • Process
Encroachment Location	<ul style="list-style-type: none"> • Bridge • Dock

Project. A project includes all the construction, installation, and/or renovation needed to achieve the applicant's goal. An applicant must obtain all required permits/approvals from DEP before beginning regulated activities or the construction or expansion of a regulated facility. Project information is documented and assigned an internal DEP application processing system number (APS ID#) for tracking purposes.

Authorization. Any DEP approval. For example: permits, plans, approvals, licenses, registrations, certifications, etc. Authorization information is documented and assigned an internal DEP Auth ID# for tracking purposes.

Permit Coordination. Projects that need more than one permit/approval from DEP are coordinated so that the permits/approvals are normally issued simultaneously.

CLIENT INFORMATION

DEP Client ID#. Department-wide unique identification number assigned by DEP to the client after client information is entered into DEP's computer system. This one number identifies the client regardless of the program with which the client is working. This identification number will be identified on future correspondence from DEP as well as on client information available on our DEP Web site. When replying to DEP, inclusion of this number will make it easier to process your request in a timely manner. If you know your Client ID#, enter it. If you are a new client to DEP, skip to the next request for information.

Client Type Code. Enter the code that represents the type of client acting as the responsible authority for the permitted activity. The list of Client Type Codes can be found on the list of Type Codes included at the end of this instruction document.

Organization Name or Registered Fictitious Name. Clients other than individuals must provide the name under which they conduct the activity or business in which the permit or other authorization will be issued.

Individuals should complete the "Organization Name" if they conduct their business or activity under a name other than their own (for example, "Jones Construction Company", rather than "Mary Jones").

For partnerships, be sure to list the business name of the partnership as it appears on legal partnership papers.

If the applicant is an individual(s) or partnership, be sure to also provide the appropriate information on the individual name lines.

Employer ID#. Also referred to as "Federal Tax ID#". The EIN aids DEP in identifying the organization and prevents duplicate data entry from occurring. This information is required.

Dun & Bradstreet ID#. If known, supply the applicant's Dun & Bradstreet Identification Number. This information is optional.

Individual Last Name, First Name, MI, Suffix, Social Security Number. This information, with the exception of the SSN, must be provided for applicants who are individuals or partnerships. The SSN aids DEP in identifying the individual and prevents duplicate data entry, although, it is optional. This information is not accessible by the public or other government agencies.

Additional Individual Last Name, First Name, MI, Suffix, Social Security Number.

This information, with the exception of the SSN, must be provided for additional applicants who are individuals or partnerships. The SSN aids DEP in identifying the individual and prevents duplicate data entry, although, it is optional. This information is not accessible by the public or other government agencies.

Mailing Address. The mailing address of the client identified above (this should *not* include locational data that is not appropriate for a mail piece). In addition to the street number and name, PO Box#, RR# Box#, or Highway Contract# designations, use any appropriate designation and number to further define the mailing address of the applicant.

e.g.,	APT	(Apartment)	DEPT	(Department)	RM	(Room)
	BLDG	(Building)	FL	(Floor)	STE	(Suite)

City, State, ZIP+4, Country. Enter an appropriate city, borough, or town designation (do not enter a township designation in this area). Do *not* use abbreviations for the city name. Use the two-character abbreviation for the state. Include the four-digit extension to the ZIP code. If other than USA, provide country.

Client Contact Information. Clients that are organizations must provide the name of a person representing the client (organization). This client contact must be an employee of the organization and must be located at the mailing address of the client and may receive correspondence on behalf of the client. Include the individual's name, title, daytime phone number, and email address. The Department will use this contact information for maintaining client data. This individual should be a high-level employee such as CEO, VPs, Operations Manager, etc. or someone capable of answering informational questions regarding the organization such as EIN, fictitious name ownership, address data, related organizations, corporate changes, etc. Project contact information should be entered in the Site Contact found in the Site Information section.

SITE INFORMATION

DEP Site ID#. Department-wide unique identification number assigned to the site after site information is entered into DEP's computer system. This one number identifies the site regardless of the program with which the applicant is working. This identification number will be identified on future correspondence from DEP as well as on site information available on our DEP Web site. When replying to DEP, inclusion of this number will make it easier to process your application in a timely manner. If you know your Site ID#, enter it. If you are identifying a new site to DEP, skip to the next request for information.

Site Name. The name of the site at the specific physical location. Do not use abbreviations, acronyms, etc.

EPA ID#. If known, supply the EPA ID# for the site (this number is also referred to as a FINDS ID#). This is optional.

Estimated Number of Employees to be Present at Site. To assist with future Pollution Prevention and Compliance Assistance initiatives, please include the estimated number of employees to be present at the site once it is active.

Description of Site. Provide a written description of the proposed site (e.g., water treatment plant, sewage treatment plant, toy factory, etc.).

County, Municipality, State. Indicate the county(ies) and municipality(ies) in which the site is located. Check the appropriate box to identify the type of municipality entered (city, borough, township). Include the two-character abbreviation for the state.

Site Location. Provide the physical address of the location where the permitted activities will occur. No PO Box Numbers will be accepted for site location information. Provide the City (or municipality), State, and the ZIP+4, if known.

Detailed Written Directions to Site. When providing written directions, do not use PO Box address data. Include landmarks and approximate distances from the nearest highway.

Site Contact Information. Provide the name of the person having overall responsibility for environmental matters at the site. Include the individual's name, title, firm, mailing address, daytime phone number, and email address (optional).

NAICS Codes. Clients applying for an authorization from DEP need to provide the appropriate North American Industry Classification System (NAICS pronounced nākes) code(s) at the Sector level (at a minimum). Enter all NAICS codes that pertain to the activity for which the application is being completed. More than one two-digit or three-digit NAICS code may be entered in the box provided. If you know your six-digit NAICS code, enter it in the optional box provided. The list of NAICS Sector and Subsector level codes can be found by referencing 'GIF NAICS Codes'. This document can be found on the DEP Web site with this GIF package or by contacting a DEP office identified at the end of this instructions document.

Site-to-Client Relationship. Enter the relationship code that best describes how the client is related to the activity or operation at the site for which the permit or other authorization is being sought. The list of Site-to-Client Relationship Codes can be found on the list of Type Codes included at the end of this instructions document.

FACILITY INFORMATION

Modification of Existing Facility. If this project is to modify an existing facility, system, or activity, indicate the facility type and its DEP facility identification number.

Latitude / Longitude. Latitude and longitude measures aid in providing the physical location of the facility. If known, indicate appropriate degrees, minutes, and seconds for the project. The Latitude/Longitude Point of Origin is the place or location where the reading was actually taken.

Additional Locational Data Information. This information is being requested in order to determine the method, accuracy and description of the latitude and longitude information that is being provided with the application. If known, please provide this information for your locational data. The list of locational data codes and descriptions can be found by referencing 'GIF Locational Data Codes'. This document can be found on the DEP Web site with this GIF package or by contacting a DEP office identified at the end of this instructions document.

PROJECT INFORMATION

Project Name. Provide the name by which this proposed activity or project is, or will be, known (e.g., XYZ Sub-Division, ABC Plant Expansion).

Project Description. Provide a detailed description of the project. If applying for a part of a larger project, broadly describe the entire project (e.g., a pipe crossing to serve the XYZ Sub-Division).

Project Consultant Information. Provide the name of the consultant for this project, if applicable. Include the individual's name, title, firm, mailing address, daytime phone number, and email address (optional).

Time Schedules / Project Milestones. Provide the proposed schedule of project milestones, if any (e.g., 09-15-2002 Proposed Construction Start Date).

Project's Land Use. The answers provided to Questions 1, 2, & 3 will determine whether this project requires land use review under Acts 67, 68 and 127 of 2000; and whether the Land Use Information section that follows needs to be completed. Authorization/application types that are affected by DEP's land use policy are attached to these instructions as Appendix A. If you are not sure if your authorization/application type is affected by the land use policy, please contact the appropriate DEP office.

LAND USE INFORMATION

Applicants must complete the Land Use Information section according to their answers provided to the three questions in the Project Information section. If you are required to complete this section, you must answer all of the questions in this section.

If the project has already received local planning approvals, building permits or special exemptions or conditional approvals to the local zoning ordinance, attach such documentation if possible. If the site is "grand-fathered" as a pre-existing use or a vested right, document that information as well.

Applicants may choose an early opt-out option but are required to attach special approval letters from municipal and county governing bodies where the project is being proposed. For more information on this option see DEP's land use policy for permits – Document ID: 012-0200-001.

If you are not exercising the early opt-out option and your authorization/application type requires you to send a municipality and county notice, the notice that you send must include specific language as described in DEP's land use policy for permits. Information on this policy can be found at www.depweb.state.pa.us (Keyword: "Land Use Reviews"). Along with the notice, you must include a copy of this completed GIF. You should also include copies of the materials referenced above and any additional information that describes your project and will aid the county and municipality in evaluating the land use implications of your project.

COORDINATION INFORMATION

Multiple authorizations are often required for residential, commercial, or industrial land development. This section is vital in determining if any other environmental permits or approvals are needed for your project.

Special Note: By completing this section, you will assist DEP and County Conservation Districts in coordinating all authorizations that may be required for your project. County Conservation District approval does not automatically guarantee the issuance of other permits for your project, nor does it relieve you of the responsibility of making timely application for other necessary permits. Note that local municipal approvals may also be required before the project can be initiated. If your proposal will generate sewage, the local municipality will need to review its sewage plan and receive approval from DEP prior to your submission. In addition, please note that even though you may soon receive a General Permit authorization, other permit requirements may preclude site development or other activities until all permits are issued.

What Your "Yes" Answers Mean. If you answer "Yes" to any of the questions in this section, you will probably need a specific permit or approval from DEP. Refer to the information provided at the end of these instructions that identifies specific regional, central, and district offices. Contact the appropriate DEP office to further discuss the need for an authorization. If additional applications are necessary, they will be mailed to you.

If "Yes" to Question,	Contact:
1.0	District Mining Permitting Section
1.1 to 1.3	Regional Air Quality Program
1.4	Regional Water Quality Permitting Section
1.5	Central Office Dam Safety Division
1.6	Regional Oil & Gas Program <i>(SW & NW Regional Offices Only)</i>
2.0	District Mining Permitting Section
2.1 to 2.3	Regional Air Quality Program
2.4	Regional Water Quality Permitting Section
2.5	Central Office Dam Safety Division
3.0 to 3.3	Regional Oil & Gas Program <i>(SW & NW Regional Offices Only)</i>
4.0 to 5.0	Local County Conservation District - <i>or</i> - Regional Soils & Waterways Section
6.0 to 8.0	Regional Water Quality Permitting Section
9.0	Regional/District Water Quality Planning Section
10.0	Regional Water Quality Operations Section
11.0 to 12.0	Central Office Dam Safety Division

If "Yes" to Question,	Contact:
13.0	Regional Air Quality Program
14.0 to 17.0	Regional Water Supply Mgmt Program - <i>and</i> - Community Health Office
18.0	Regional Waste Management Program
19.0	District Mining Permitting Section
20.0 to 23.0	Central Office Storage Tanks Division

CERTIFICATION

A legally responsible agent of the client should complete and sign the certification.

APPLICANT'S CHECKLIST

To assure your application is complete, we are providing a convenient checklist of what may need to be attached to the application as well as who to contact for additional information. This checklist is optional and need not be returned with the completed application.

TYPE CODES

The following list of codes is to identify specific types of requested information.

CLIENT INFORMATION. Client Type / Codes

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

Note: If two individuals' names are listed as the application's clients, the Client Type Code of "Partnership/General" should be used.

SITE INFORMATION. Site-to-Client Relationship Codes

Code	Type	Code	Type
OWN	Owner	LESOP	Lessee / Operator
OPR	Operator	CONTR	Contractor for Owner or Operator
OWNOP	Owner/Operator	AGENT	Agent for Owner or Operator
LESSE	Lessee	OTHER	Other (Explain)

DEP OFFICES

The following information is to assist the client with appropriate contact information when addressing the Department. Listed below is information for regional, central, and district mining offices and the counties they serve.

REGIONAL OFFICES

**PA Dept of Environmental Protection
SE Regional Office
2 E. Main Street
Norristown PA 19401-4915**

(484) 250-5900

SERO Counties: Bucks, Chester, Delaware, Montgomery, and Philadelphia. Oil & Gas issues should be addressed to SW Regional Office for these counties.

Note: Air Quality in the City of Philadelphia is regulated by the Philadelphia Health Department, Division of Air Management Services (AMS). Information on AMS permitting requirements can be obtained by calling 215-685-7572.

**PA Dept of Environmental Protection
SC Regional Office
909 Elmerton Ave
Harrisburg PA 17110-8200**

(717) 705-4700

SCRO Counties: Adams, Bedford, Berks, Blair, Cumberland, Dauphin, Franklin, Fulton, Huntingdon, Juniata, Lancaster, Lebanon, Mifflin, Perry, and York. Oil & Gas issues should be addressed to SW Regional Office for these counties.

**PA Dept of Environmental Protection
SW Regional Office
400 Waterfront Dr
Pittsburgh PA 15222-4745**

(412) 442-4000

SWRO Counties: Allegheny, Armstrong, Beaver, Cambria, Fayette, Greene, Indiana, Somerset, Washington, and Westmoreland.

**PA Dept of Environmental Protection
NE Regional Office
Two Public Square
Wilkes Barre PA 18711-0790**

(570) 826-2511

NERO Counties: Carbon, Lackawanna, Lehigh, Luzerne, Monroe, Northampton, Pike, Schuylkill, Susquehanna, Wayne, and Wyoming. Oil & Gas issues should be addressed to NW Regional Office for these counties.

**PA Dept of Environmental Protection
NC Regional Office
208 W Third St Ste 101
Williamsport PA 17701**

(570) 327-3636

NCRO Counties: Bradford, Cameron, Clearfield, Centre, Clinton, Columbia, Lycoming, Montour, Northumberland, Potter, Snyder, Sullivan, Tioga, and Union. Oil & Gas issues should be addressed to NW Regional Office for these counties.

**PA Dept of Environmental Protection
NW Regional Office
230 Chestnut St
Meadville PA 16335-3481**

(814) 332-6945

NWRO Counties: Butler, Clarion, Crawford, Elk, Erie, Forest, Jefferson, Lawrence, McKean, Mercer, Venango, and Warren.

CENTRAL OFFICES

**PA Dept of Environmental Protection
Dam Safety Division
PO Box 8554
Harrisburg PA 17105-8554**

(717) 787-8568

**PA Dept of Environmental Protection
Water Standards & Facility Regulation Bureau
Drinking Water Mgmt Division
PO Box 8467
Harrisburg PA 17105-8467**

(717) 772-4018 (activities outside PA)
Appropriate Regional Office (activities in PA)

**PA Dept of Environmental Protection
Hazardous Waste Mgmt Division
PO Box 8471
Harrisburg PA 17105-8471**

(717) 787-6239

**PA Dept of Environmental Protection
Radiation Protection Bureau
PO Box 8469
Harrisburg PA 17105-8469**

(717) 787-2480

**PA Dept of Environmental Protection
Certification & Licensing Section
PO Box 8454
Harrisburg PA 17105-8454**

(717) 787-5236 (Water/Wastewater Certification)

(717) 787-6045 (Sewage Enforcement Office Certification & Laboratory Certification)

(717) 787-8059 (Blaster License, Storage Magazine License, Sales Permit, Explosives Purchase Permit)

**PA Dept of Environmental Protection
Storage Tanks Division
PO Box 8762
Harrisburg PA 17105-8762**

1-800-42TANKS (toll free within PA)
(717) 772-5599 (local & outside PA)

**PA Dept of Environmental Protection
Water Standards & Facility Regulation Bureau
Wastewater Mgmt Division
PO Box 8774
Harrisburg PA 17105-8774**

(717) 787-8184 (activities outside PA)
Appropriate Regional Office (activities in PA)

**PA Dept of Environmental Protection
Municipal & Residual Waste Mgmt Division
PO Box 8472
Harrisburg PA 17105-8472**

(717) 787-7381

**PA Dept of Environmental Protection
Certification & Licensing Section
PO Box 8455
Harrisburg PA 17105-8455**

(717) 772-4497 (X-Ray Equipment Renewal)

DISTRICT MINING OFFICES

**PA Dept of Environmental Protection
Greensburg District Office
Armbrust Bldg
RR 2 Box 603-C
Greensburg PA 15601-0982**

(724) 925-5500

Greensburg DO Counties: Allegheny, Armstrong, Beaver, Fayette, Greene, Washington, and Westmoreland.

**PA Dept of Environmental Protection
Pottsville District Office
5 W Laurel Blvd
Pottsville PA 17901-2545**

(570) 621-3118

Pottsville DO Counties: Adams, Berks, Bucks, Carbon, Chester, Columbia, Dauphin, Cumberland, Delaware, Franklin, Juniata, Monroe, Lackawanna, Lancaster, Lebanon, Lehigh, Luzerne, Mifflin, Montgomery, Pike, Montour, Northampton, Perry, Northumberland, Philadelphia, Schuylkill, Snyder, Susquehanna, Union, Wayne, Wyoming, and York.

**PA Dept of Environmental Protection
California District Office
California Tech Park
25 Technology Drive
Coal Center PA 15423**

(724) 941-7100

McMurray DO Counties: All counties where mining and subsidence occur.

**PA Dept of Environmental Protection
Cambria District Office
286 Industrial Park Rd
Ebensburg PA 15931-4119**

(814) 472-1900

Cambria DO Counties: Bedford, Blair, Cambria, Fulton, Huntingdon, Indiana, and Somerset.

**PA Dept of Environmental Protection
Moshannon District Office
186 Enterprise Drive
Philipsburg PA 16866**

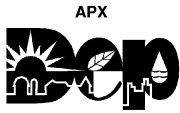
(814) 342-8200

Hawk Run DO Counties: Bradford, Cameron, Centre, Clearfield, Clinton, Potter, Lycoming, Sullivan, and Tioga.

**PA Dept of Environmental Protection
Knox District Office
White Memorial Bldg
PO Box 669
Knox PA 16232-0669**

(814) 797-1191

Knox DO Counties: Butler, Clarion, Crawford, Elk, Erie, Forest, Warren, Jefferson, Lawrence, McKean, Mercer, and Venango.



APPENDIX A

AUTHORIZATION/APPLICATION TYPES AFFECTED BY DEP'S LAND USE POLICY

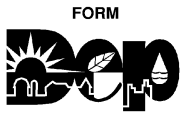
The following permit/authorization types are affected by DEP's Land Use Policy. The last column is for crosswalk to DEP's eFACTS data system codes and is added for DEP staff reference or for electronic permit submissions.

AIR QUALITY PROGRAM	
Authorization/Permit Type & Description	eFACTS Codes
Major Facility Plan Approval - <ul style="list-style-type: none"> • Case-by-Case MACT • Hazardous Air Pollutant Standard Part 61 • MACT Air Toxics Part 63 • New Facility Review Prevention of Significant Deterioration • New Source Performance Standard • New Source Review Non-Attainment • State Regulation 	MASAT/NEW MFAP/NEW MAAT/NEW MNSRP/NEW MFSP/NEW MNSRN/NEW MFSR/NEW
Minor Facility Plan Approval - <ul style="list-style-type: none"> • Hazardous Air Pollutant Standard Part 61 • MACT Air Toxics • New Source Performance Standard • State Regulation 	MISAT/NEW MSATM/NEW MISPS/NEW MSSR/NEW
COAL MINING PROGRAM	
Authorization/Permit Type & Description	eFACTS Codes
Preparation-Processing Plant Permit	P/NEW
Refuse Disposal Permit	RD/NEW
Surface Mining Permit	SM/NEW
Underground Mining Permit (surface facilities only)	UM/NEW
INDUSTRIAL MINERALS (NONCOAL) MINING PROGRAM	
Authorization/Permit Type & Description	eFACTS Codes
Bluestone Surface Mining Permit	BS/NEW
Large Surface Mining Permit (includes underground mining, surface facilities)	LSM/NEW
Small Surface Mining Permit	NSM/NEW
OIL & GAS MANAGEMENT PROGRAM	
Authorization/Permit Type & Description	eFACTS Codes
Drilling or Altering a Well (Disposal Wells Only)	DOWDR/NEW
NPDES Permit Industrial Wastewater Discharge Minor	8NIWM/NEW
NPDES Permit Stormwater-Construction (Individual)	8NSC/NEW
NPDES Permit Stormwater Industrial Site Runoff (Individual)	8NSIR/NEW
Water Obstruction & Encroachment Permit	8WOJP/NEW
Water Quality Mgmt Part II, Industrial Wastewater Facility	8W2IW/NEW
WASTE MANAGEMENT – HAZARDOUS WASTE PROGRAM	
Authorization/Permit Type & Description	eFACTS Codes
Captive Disposal Permit	CD/NEW
Captive Storage Permit	CS/NEW
Captive Treatment Permit	CT/NEW
Commercial Disposal Permit	COD/NEW *
Commercial Recycling Permit	COR/NEW
Commercial Storage Permit	COS/NEW
Commercial Treatment Permit	COT/NEW *

WASTE MANAGEMENT – MUNICIPAL WASTE PROGRAM	
Authorization/Permit Type & Description	eFACTS Codes
Construction/Demolition Landfill Permit (Alternative Project) • (new facility) • Expansion or Increased Capacity/ADV/MDV/Acreage	CDLA/NEW * CDL/MODEO *
Municipal Landfill • (new facility) • Expansion or Increased Capacity/ADV/MDV/Acreage	LA/NEW * L/MODEO *
MW Composting Permit	C/NEW
Resource Recovery & Other Processing Permit	RRO/NEW
Transfer Station Permit	TS/NEW
WASTE MANAGEMENT – RESIDUAL WASTE PROGRAM	
Authorization/Permit Type & Description	eFACTS Codes
Landfill-Class I, II or III Permit (commercial or captive) • (new facility) • (major modification for new acreage)	RL3A/NEW RL3/MOD
Commercial Landfill-Class I, II or III Permit (Alternative Project) • (new facility) • (major modification for new acreage)	RL3AP/NEW * RL3AP/MOD *
Disposal Impoundment-Class I or II Permit	DI2/NEW *
Processing and/or Incinerator Permit	PI/NEW
RW Composting Permit	RC/NEW
Transfer Station Permit	T/NEW
WASTE MANAGEMENT – STORAGE TANKS PROGRAM	
Authorization/Permit Type & Description	eFACTS Codes
Site Specific Installation Permit	SSIP/NEW
WATER MANAGEMENT – DAM SAFETY PROGRAM	
Authorization/Permit Type & Description	eFACTS Codes
Dam Safety Permit	DSP/NEW
Limited Power Permit	LPP/NEW
WATER MANAGEMENT – NPDES PROGRAM	
Authorization/Permit Type & Description	eFACTS Codes
Concentrated Animal Feed Operations Individual NPDES Permit	NCAF/NEW
NPDES Permit for New & Existing Industrial Discharger, Major	NIWMA/NEW
NPDES Permit Industrial Wastewater Discharge Minor	NIWM/NEW
NPDES Permit Stormwater Industrial Site Runoff (Individual)	NSIR/NEW
WATER MANAGEMENT – STATE WATER POLLUTION CONTROL PROGRAM	
Authorization/Permit Type & Description	eFACTS Codes
Water Quality Mgmt Part II, Industrial Wastewater Facility	W2IW/NEW
Water Quality Mgmt Part II, Manure Storage Facility for CAFO	W2CAF/NEW
WATER MANAGEMENT – SAFE DRINKING WATER PROGRAM	
Authorization/Permit Type & Description	eFACTS Codes
Public Water Supply Permit Bottled Water System Construction	BWSC/NEW
Public Water Supply Permit Bottled Water System-Finished Water Source Construction	BWSFC/NEW
Public Water Supply Permit Bulk Water Hauler-Finished Water Source Construction	BWHF/NEW
Public Water Supply Permit Bulk Water Hauler Construction	BWHC/NEW
Public Water Supply Permit Community Water System Construction	CWSC/NEW
Public Water Supply Permit Retail Water System Construction	RWSC/NEW
Public Water Supply Permit Retail Water System-Finished Water Source Construction	RWSFW/NEW
Public Water Supply Permit Vended Water System Construction	VWSC/NEW

WATER MANAGEMENT – EROSION & SEDIMENT PROGRAM	
Authorization/Permit Type & Description	eFACTS Codes
Erosion & Sediment Control Permit	EDP/NEW
NPDES Permit Stormwater-Construction (Individual)	NSC/NEW
PAG-02 NPDES Stormwater-Construction (general permit; includes all PAG-02s except those required for Oil & Gas activities)	NSC2/NEW
WATER MANAGEMENT – WATER OBSTRUCTION & ENCROACHMENT PROGRAM	
Authorization/Permit Type & Description	eFACTS Codes
Water Obstruction & Encroachment Permit	WOJP/NEW

* If a different project timeline is negotiated, a special eFACTS code will be established.



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
GENERAL INFORMATION FORM – AUTHORIZATION APPLICATION

Before completing this General Information Form (GIF), read the step-by-step instructions provided in this application package. This version of the General Information Form (GIF) must be completed and returned with any program-specific application being submitted to the Department.

Related ID#s (If Known) Client ID# _____ APS ID# _____ Site ID# _____ Auth ID# _____ Facility ID# _____	DEP USE ONLY Date Received & General Notes
--	--

CLIENT INFORMATION

DEP Client ID#	Client Type / Code		
Organization Name or Registered Fictitious Name	Employer ID# (EIN)	Dun & Bradstreet ID#	
Individual Last Name	First Name	MI	Suffix SSN
Additional Individual Last Name	First Name	MI	Suffix SSN
Mailing Address Line 1	Mailing Address Line 2		
Address Last Line – City	State	ZIP+4	Country
Client Contact Last Name	First Name	MI	Suffix
Client Contact Title	Phone	Ext	
Email Address	FAX		

SITE INFORMATION

DEP Site ID#	Site Name		
EPA ID#	Estimated Number of Employees to be Present at Site		
Description of Site			
County Name	Municipality	City	Boro Twp State
		<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
County Name	Municipality	City	Boro Twp State
		<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
Site Location Line 1	Site Location Line 2		
Site Location Last Line – City	State	ZIP+4	
Detailed Written Directions to Site			
Site Contact Last Name	First Name	MI	Suffix
Site Contact Title	Site Contact Firm		
Mailing Address Line 1	Mailing Address Line 2		
Mailing Address Last Line – City	State	ZIP+4	
Phone	Ext	FAX	Email Address

NAICS Codes (Two- & Three-Digit Codes – List All That Apply)

6-Digit Code (Optional)

Client to Site Relationship

FACILITY INFORMATION

Modification of Existing Facility

Yes **No**

1. Will this project modify an existing facility, system, or activity?

2. Will this project involve an addition to an existing facility, system, or activity?

If "Yes", check all relevant facility types and provide DEP facility identification numbers below.

Facility Type	DEP Fac ID#	Facility Type	DEP Fac ID#
<input type="checkbox"/> Air Emission Plant	_____	<input type="checkbox"/> Industrial Minerals Mining Operation	_____
<input type="checkbox"/> Beneficial Use (water)	_____	<input type="checkbox"/> Laboratory Location	_____
<input type="checkbox"/> Blasting Operation	_____	<input type="checkbox"/> Land Recycling Cleanup Location	_____
<input type="checkbox"/> Captive Hazardous Waste Operation	_____	<input type="checkbox"/> MineDrainageTrmt/LandRecyProjLocation	_____
<input type="checkbox"/> Coal Ash Beneficial Use Operation	_____	<input type="checkbox"/> Municipal Waste Operation	_____
<input type="checkbox"/> Coal Mining Operation	_____	<input type="checkbox"/> Oil & Gas Encroachment Location	_____
<input type="checkbox"/> Coal Pillar Location	_____	<input type="checkbox"/> Oil & Gas Location	_____
<input type="checkbox"/> Commercial Hazardous Waste Operation	_____	<input type="checkbox"/> Oil & Gas Water Poll Control Facility	_____
<input type="checkbox"/> Dam Location	_____	<input type="checkbox"/> Public Water Supply System	_____
<input type="checkbox"/> Deep Mine Safety Operation -Anthracite	_____	<input type="checkbox"/> Radiation Facility	_____
<input type="checkbox"/> Deep Mine Safety Operation -Bituminous	_____	<input type="checkbox"/> Residual Waste Operation	_____
<input type="checkbox"/> Deep Mine Safety Operation -Ind Minerals	_____	<input type="checkbox"/> Storage Tank Location	_____
<input type="checkbox"/> Encroachment Location (water, wetland)	_____	<input type="checkbox"/> Water Pollution Control Facility	_____
<input type="checkbox"/> Erosion & Sediment Control Facility	_____	<input type="checkbox"/> Water Resource	_____
<input type="checkbox"/> Explosive Storage Location	_____	<input type="checkbox"/> Other:	_____

Latitude/Longitude Point of Origin	Latitude			Longitude		
	Degrees	Minutes	Seconds	Degrees	Minutes	Seconds

Horizontal Accuracy Measure Feet --or-- Meters

Horizontal Reference Datum Code North American Datum of 1927
 North American Datum of 1983
 World Geodetic System of 1984

Horizontal Collection Method Code

Reference Point Code

Altitude Feet --or-- Meters

Altitude Datum Name The National Geodetic Vertical Datum of 1929
 The North American Vertical Datum of 1988 (NAVD88)

Altitude (Vertical) Location Datum Collection Method Code

Geometric Type Code

Data Collection Date

Source Map Scale Number Inch(es) = Feet
--or-- Centimeter(s) = Meters

PROJECT INFORMATION

Project Name

Project Description

Project Consultant Last Name **First Name** **MI** **Suffix**

Project Consultant Title **Consulting Firm**

Mailing Address Line 1 **Mailing Address Line 2**

Address Last Line – City **State** **ZIP+4**

Phone **Ext** **FAX** **Email Address**

Time Schedules	Project Milestone (Optional)

1. **Is this application for an authorization type on the list of authorizations affected by the land use policy?** Yes No

Note: If "Yes", you must complete the following Land Use Information section, unless exempted by Questions 2 or 3 below.
 If "No", skip Questions 2 & 3 below as well as the following Land Use Information section.
 For referenced list, see Appendix A attached to the GIF Instructions.

2. **For an Air program authorization only. All other authorizations continue with Question 3 below. Will the permit authorize the construction of facilities outside an existing permitted area?** Yes No

Note: If "Yes", you must complete the following Land Use Information section unless exempted by Question 3 below.
 If "No", skip Question 3 below as well as the following Land Use Information section.

3. **Have you attached or submitted municipal and county 'Early Opt Out' approval letters for the project?** Yes No

Note: If "Yes" to Question 3, skip the following Land Use Information section. This should only be checked "Yes" if applicant is choosing the early opt-out option. Required approval letters described in the GIF Checklist and Instructions should be attached.
 If "No" to Question 3, continue with the following Land Use Information section.

LAND USE INFORMATION

Note: Applicants are encouraged to submit copies of local land use approvals or other evidence of compliance with local comprehensive plans and zoning ordinances.

1. **Is there a municipal comprehensive plan(s)?** Yes No

2. **Is there a county comprehensive plan(s)?** Yes No

3. **Is there a multi-municipal or multi-county comprehensive plan?** Yes No

4. **Is the proposed project consistent with these plans?** If no plan(s) exists, answer "Yes". Yes No

5. **Is there a municipal zoning ordinance(s)?** Yes No

6. **Is there a joint municipal zoning ordinance(s)?** Yes No

7. **Will the proposed project require a zoning approval (e.g., special exception, conditional approval, re-zoning, variance)?** If zoning approval has already been received, attach documentation. Yes No

8. **Are any zoning ordinances that are applicable to this project currently the subject of any type of legal proceeding?** Yes No

9. **Will the project be located on a site that has been or is being remediated under DEP's Land Recycling Program?** Yes No

10. **Will the project result in reclamation of abandoned mine lands through re-mining or as part of DEP's Reclaim PA Program?** Yes No

11. **Will the project be located in an agricultural security area or an area protected under an agricultural conservation easement?** Yes No

12. **Will the project be located in a Keystone Opportunity Zone or Enterprise Development Area?** Yes No

13. **Will the project be located in a Designated Growth Area as defined by the Municipalities Planning Code?** Yes No

COORDINATION INFORMATION

Note: The PA Historical and Museum Commission must be notified of proposed projects in accordance with DEP Technical Guidance Document 012-0700-001 and the accompanying Cultural Resource Notice Form.

If the activity will be a mining project (i.e., mining of coal or industrial minerals, coal refuse disposal and/or the operation of a coal or industrial minerals preparation/processing facility), respond to questions 1.0 through 2.5 below.

If the activity will not be a mining project, skip questions 1.0 through 2.5 and begin with question 3.0.

1.0	Is this a coal mining project? If "Yes", respond to 1.1-1.6. If "No", skip to Question 2.0. (DEP Use/48y1)	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
1.1	Will this coal mining project involve coal preparation/ processing activities in which the total amount of coal prepared/processed will be equal to or greater than 200 tons/day? (DEP Use/4x70)	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
1.2	Will this coal mining project involve coal preparation/ processing activities in which the total amount of coal prepared/processed will be greater than 50,000 tons/year? (DEP Use/4x70)	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
1.3	Will this coal mining project involve coal preparation/ processing activities in which thermal coal dryers or pneumatic coal cleaners will be used? (DEP Use/4x70)	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
1.4	For this coal mining project, will sewage treatment facilities be constructed and treated waste water discharged to surface waters? (DEP Use/4x62)	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
1.5	Will this coal mining project involve the construction of a permanent impoundment meeting one or more of the following criteria: (1) a contributory drainage area exceeding 100 acres; (2) a depth of water measured by the upstream toe of the dam at maximum storage elevation exceeding 15 feet; (3) an impounding capacity at maximum storage elevation exceeding 50 acre-feet? (DEP Use/3140)	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
1.6	Will this coal mining project involve underground coal mining to be conducted within 500 feet of an oil or gas well? (DEP Use/4z41)	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
2.0	Is this a non-coal (industrial minerals) mining project? If "Yes", respond to 2.1-2.6. If "No", skip to Question 3.0. (DEP Use/48y1)	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
2.1	Will this non-coal (industrial minerals) mining project involve the crushing and screening of non-coal minerals other than sand and gravel? (DEP Use/4x70)	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
2.2	Will this non-coal (industrial minerals) mining project involve the crushing and/or screening of sand and gravel with the exception of wet sand and gravel operations (screening only) and dry sand and gravel operations with a capacity of less than 150 tons/hour of unconsolidated materials? (DEP Use/4x70)	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
2.3	Will this non-coal (industrial minerals) mining project involve the construction, operation and/or modification of a portable non-metallic (i.e., non-coal) minerals processing plant under the authority of the General Permit for Portable Non-metallic Mineral Processing Plants (i.e., BAQ-PGPA/GP-3)? (DEP Use/4x70)	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
2.4	For this non-coal (industrial minerals) mining project, will sewage treatment facilities be constructed and treated waste water discharged to surface waters? (DEP Use/4x62)	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
2.5	Will this non-coal (industrial minerals) mining project involve the construction of a permanent impoundment meeting one or more of the following criteria: (1) a contributory drainage area exceeding 100 acres; (2) a depth of water measured by the upstream toe of the dam at maximum storage elevation exceeding 15 feet; (3) an impounding capacity at maximum storage elevation exceeding 50 acre-feet? (DEP Use/3140)	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No

3.0	Will your project, activity, or authorization have anything to do with a well related to oil or gas production, site development for such activity, or the waste from such a well? If "Yes", respond to 3.1-3.3. If "No", skip to Question 4.0. (DEP Use/4z41)	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
3.1	Does the oil- or gas-related project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a watercourse, floodway or body of water (including wetlands)? (DEP Use/4z41)	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
3.2	Will the oil- or gas-related project involve discharge of industrial wastewater or stormwater to a dry swale, surface water, ground water or an existing sanitary sewer system or storm water system? If "Yes", discuss in <i>Project Description</i> . (DEP Use/4z41)	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
3.3	Will the oil- or gas-related project involve the construction and operation of industrial waste treatment facilities? (DEP Use/4z41)	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
4.0	Will the project involve a construction activity that results in earth disturbance? If "Yes", specify the total disturbed acreage. (DEP Use/4x66)	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
	4.0.1 Total Disturbed Acreage				
5.0	Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a watercourse, floodway or body of water (including wetlands)? (DEP Use/4x66)	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
6.0	Will the project involve discharge of industrial wastewater or stormwater to a dry swale, surface water, ground water or an existing sanitary sewer system or separate storm water system? If "Yes", discuss in <i>Project Description</i> . (DEP Use/4x62)	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
7.0	Will the project involve the construction and operation of industrial waste treatment facilities? (DEP Use/4x62)	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
8.0	Will the project involve construction of sewage treatment facilities, sanitary sewers, or sewage pumping stations? If "Yes", indicate estimated proposed flow (gal/day). Also, discuss the sanitary sewer pipe sizes and the number of pumping stations/treatment facilities/name of downstream sewage facilities in the <i>Project Description</i> , where applicable. (DEP Use/4x62)	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
	8.0.1 Estimated Proposed Flow (gal/day)				
9.0	Was sewage planning submitted and approved? If "Yes", attach the Act 537 approval letter unless the submitted application is actually requesting Act 537 approval (Approval required prior to 105/NPDES approval). (DEP Use/4x61)	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
	9.0.1 Is Act 537 Approval Letter attached?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
10.0	Is this project for the beneficial use of biosolids for land application within Pennsylvania? If "Yes" indicate how much (i.e. gallons or dry tons per year). (DEP Use/4X62)	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
	10.0.1 Gallons Per Year (residential septage)				
	10.0.2 Dry Tons Per Year (biosolids)				
11.0	Does the project involve construction, modification or removal of a dam? If "Yes", identify the dam. (DEP Use/3140)	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
	11.0.1 Dam Name				
12.0	Will the project interfere with the flow from, or otherwise impact, a dam? If "Yes", identify the dam. (DEP Use/3140)	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
	12.0.1 Dam Name				
13.0	Will the project involve operations (excluding during the construction period) that produce air emissions (i.e., NOX, VOC, etc.)? If "Yes", identify each type of emission followed by the amount of that emission. (DEP Use/4x70)	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
	13.0.1 Enter all types & amounts of emissions; separate each set with semicolons.				

14.0	Is an on-site drinking water supply (well), other than individual house wells, proposed for your project? If "Yes", indicate total number of people served and/or the total number of connections served, if applicable. Also, check all proposed sub-facilities. (DEP Use/4x81)	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
14.0.1	Number of Persons Served				
14.0.2	Number of Employee/Guests				
14.0.3	Number of Connections				
14.0.4	Sub-Fac: Distribution System	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
14.0.5	Sub-Fac: Water Treatment Plant	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
14.0.6	Sub-Fac: Source	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
14.0.7	Sub-Fac: Pump Station	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
14.0.8	Sub-Fac: Entry Point	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
14.0.9	Sub-Fac: Transmission Main	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
14.0.10	Sub-Fac: Storage Facility	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
15.0	Will your project involve purchasing water in bulk, excluding during the construction period? If "Yes, name the provider. Also, indicate the daily number of employees or guests served. (DEP Use/4x81)	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
15.0.1	Provider's Name				
15.0.2	Number of Employees/Guests				
16.0	Is your project to be served by public water supply? If "Yes", indicate name of supplier and attach letter from supplier stating that it will serve the project. (DEP Use/4x81)	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
16.0.1	Supplier's Name				
16.0.2	Letter of Approval from Supplier is Attached	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
17.0	Will this project involve a new or increased drinking water withdrawal from a stream or other water body? If "Yes", provide name of stream. (DEP Use/4x81)	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
17.0.1	Stream Name				
18.0	Will the construction or operation of this project involve treatment, storage, reuse, or disposal of waste? If "Yes", indicate what type (i.e., hazardous, municipal (including infectious & chemotherapeutic), residual) and the amount to be treated, stored, re-used or disposed. (DEP/Use4x32)	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
18.0.1	Type & Amount				
19.0	Will your project involve the removal of coal, minerals, etc. as part of any earth disturbance activities? (DEP Use/48y1)	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
20.0	Does your project involve installation of a field constructed underground storage tank? If "Yes", list each Substance & its Capacity. Note: Applicant may need a Storage Tank Site Specific Installation Permit. (DEP Use/2570)	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
20.0.1	Enter all substances & capacity of each; separate each set with semicolons.				
21.0	Does your project involve installation of an aboveground storage tank greater than 21,000 gallons capacity at an existing facility? If "Yes", list each Substance & its Capacity. Note: Applicant may need a Storage Tank Site Specific Installation Permit. (DEP Use/2570)	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
21.0.1	Enter all substances & capacity of each; separate each set with semicolons.				
22.0	Does your project involve installation of a tank greater than 1,100 gallons which will contain a highly hazardous substance as defined in DEP's Regulated Substances List, 2570-BK-DEP2724? If "Yes", list each Substance & its Capacity. Note: Applicant may need a Storage Tank Site Specific Installation Permit. (DEP Use/2570)	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
22.0.1	Enter all substances & capacity of each; separate each set with semicolons.				

23.0 Does your project involve installation of a storage tank at a new facility with a total AST capacity greater than 21,000 gallons? If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit. (DEP Use/2570) Yes No

23.0.1 Enter all substances & capacity of each; separate each set with semicolons.

CERTIFICATION

I certify that I have the authority to submit this application on behalf of the applicant named herein and that the information provided in this application is true and correct to the best of my knowledge and information.

Type or Print Name _____

Signature _____

Title _____

Date _____



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

**GENERAL INFORMATION FORM -- AUTHORIZATION APPLICATION
APPLICANT'S CHECKLIST**

This final checklist is to assist the applicant in assuring that all requests for responses, contacts, additional documentation, etc. have been addressed. Please check the following list to make sure that you have included all the required information. Failure to provide all of the requested information will delay the processing of the application and may result in the application being placed on hold with no action, or will be considered withdrawn and the application file closed. This applicant's checklist need not be returned to DEP with your completed application.

REQUIREMENTS

- 1. ATTACHMENTS.** The completion of the GIF may require the submission of some or all of the following. Where appropriate, include the appropriate attachment(s) with the completed GIF.
- a) Site Information, Written Directions to Site** - Attach additional sheets as necessary.
 - b) Facility Information, Latitude/Longitude** – Attach additional sheets as necessary.
 - c) Project Information, Project Description** – Attach additional sheets as necessary.
 - d) Project Information, Time Schedules** -- Attach additional sheets as necessary.
 - e) Land Use Information** – If the project has already received local planning approvals, building permits or special exemptions or conditional approvals to the local zoning ordinance, attach such documentation if possible. If the site is "grand-fathered" as a pre-existing use or a vested right, document that information as well. If the early opt-out option is being used, attach approval letters from local municipality(ies) and county(ies) where project is being proposed. For more information on this, see the GIF Instructions and the Department's policy on the land use review process for permitting – Document ID: 012-0200-001.
 - f) Coordination Information** - If land is disturbed, it may be the applicant's responsibility to also notify the PA Historical and Museum Commission, Bureau of Historic Preservation, 400 North Street, Floor 2, Harrisburg, PA 17120-0093, (717) 787-3362.
PHMC notification is required for:
 - 1) purposes of construction activities for Individual NPDES permits disturbing 10 or more acres; and
 - 2) Erosion & Sediment Control permits.
 General NPDES permits disturbing 10 or more acres are exempt from PHMC notification. For additional information, see Cultural Resource Notice instructions to determine whether submission of information to PHMC is required for this permit application.
 - g) Coordination Information, Question 9.0.1** – Attach copy– Act 537 Approval Letter. Note: Approval required prior to 105/NPDES approval.
 - h) Coordination Information, Question 16.0.2** – Attach copy - Public Water Supplier's Agreement Letter to Serve the Project.
- 2. CONTACTS MADE.** According to information provided in the Coordination Information section, the appropriate DEP office may need to be contacted; as well as some agencies outside DEP. See the Instructions document for appropriate contact per coordination question.
In addition to contacts referenced above, prior to proceeding with any project, DEP encourages applicants to be in touch with municipal and county governments to get information on and secure, if possible, any local permits or approvals that might be required for the project. By doing so, potential conflicts at the local level can be resolved prior to application submission to DEP.
- 3. BEFORE YOU DIG -- CONTACT.** Pennsylvania One Call System at 1-800-242-1776.
- 4. APPLICATION SUBMITTED.** Application has been completed and properly signed according to instructions and type codes; and will be submitted to the appropriate DEP office.



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

NAICS CODES

GENERAL INFORMATION

The United States has a new industry classification system. On April 9, 1997, the Office of Management and Budget (OMB) announced its decision to adopt the **North American Industry Classification System** (NAICS pronounced nākes) as the industry classification used by the statistical agencies of the United States. NAICS codes replace the 1987 Standard Industrial Classification (SIC) codes. The nomenclature of the groupings within the system is different in NAICS. NAICS refers to the highest level of aggregation in the system as a sector; the SIC referred to this grouping as a division. Other changes have been made to the nomenclature as shown in the following table. For additional information on NAICS, log on to the US Census Bureau web site at www.census.gov/epcd/www/naics.html.

New NAICS Code Information		Previous SIC Code Information	
2-digit	Sector	Division	Letter
3-digit	Subsector	Major Group	2-digit
4-digit	Industry Group	Industry Group	3-digit
5-digit	NAICS Industry	Industry	4-digit
6-digit	National	N/A	N/A

TWO & THREE-DIGIT NAICS CODES

Sector Code	Sector Description
11	<p>Agriculture, Forestry, Fishing & Hunting -- The Agriculture, Forestry, Fishing and Hunting sector comprises establishments primarily engaged in growing crops, raising animals, harvesting timber, and harvesting fish and other animals from a farm, ranch, or their natural habitats. The establishments in this sector are often described as farms, ranches, dairies, greenhouses, nurseries, orchards or hatcheries.</p> <p>Sub-Sector Codes & Descriptions</p> <p>111 Crop Production</p> <p>112 Animal Production</p> <p>113 Forestry & Logging</p> <p>114 Fishing, Hunting & Trapping</p> <p>115 Support Activities for Agriculture & Forestry</p>
21	<p>Mining -- The Mining sector comprises establishments that extract naturally occurring mineral solids, such as coal and ores; liquid minerals such as crude petroleum; and gases, such as natural gas. The Mining sector distinguishes two basic activities: mine operation and mining support activities.</p> <p>Sub-Sector Codes & Descriptions</p> <p>211 Oil & Gas Extraction</p> <p>212 Mining (except Oil & Gas)</p> <p>213 Support Activities for Mining</p>

Sector Code	Sector Description
22	<p>Utilities -- The Utilities sector comprises establishments engaged in the provision of the following utility services: electric power, natural gas, steam supply, water supply, and sewage removal.</p> <p>Sub-Sector Codes & Descriptions 221 Utilities</p>
23	<p>Construction -- The Construction sector comprises establishments primarily engaged in the construction of buildings and other structures, heavy construction (except buildings), additions, alterations, reconstruction, installation, and maintenance and repairs. This sector is divided into three subsectors of construction activities: 1) building construction and land subdivision and land development; 2) heavy construction (except buildings), such as highways, power plants, and pipelines; and 3) construction activity by special trade contractors.</p> <p>Sub-Sector Codes & Descriptions 233 Building, Developing, & General Contracting 234 Heavy Construction 235 Special Trade Contractors</p>
31-33	<p>Manufacturing -- The Manufacturing sector comprises establishments engaged in the mechanical, physical, or chemical transformation of materials, substances, or components into new products. Establishments in the Manufacturing sector are often described as plants, factories, or mills and characteristically use power-driven machines and materials-handling equipment.</p> <p>Sub-Sector Codes & Descriptions 311 Food Manufacturing 312 Beverage & Tobacco Product Manufacturing 313 Textile Mills 314 Textile Product Mills 315 Apparel Manufacturing 316 Leather & Allied Product Manufacturing 321 Wood Product Manufacturing 322 Paper Manufacturing 323 Printing & Related Support Activities 324 Petroleum & Coal Products Manufacturing 325 Chemical Manufacturing 326 Plastics & Rubber Products Manufacturing 327 Nonmetallic Mineral product Manufacturing 331 Primary Metal Manufacturing 332 Fabricated Metal Product Manufacturing 333 Machinery Manufacturing 334 Computer & Electronic Product Manufacturing 335 Electrical Equipment, Appliance, & Component Manufacturing 336 Transportation Equipment Manufacturing 337 Furniture & Related Product Manufacturing 339 Miscellaneous Manufacturing</p>
42	<p>Wholesale Trade -- The Wholesale Trade sector comprises establishments engaged in wholesaling merchandise, generally without transformation, and rendering services incidental to the sale of merchandise. The wholesaling process is an intermediate step in the distribution of merchandise. Wholesalers are organized to sell or arrange the purchase or sale of (a) goods for resale (i.e., goods sold to other wholesalers or retailers), (b) capital or durable nonconsumer goods, and (c) raw and intermediate materials and supplies used in production.</p> <p>Sub-Sector Codes & Descriptions 421 Wholesale Trade, Durable Goods 422 Wholesale Trade, Nondurable Goods</p>

Sector Code	Sector Description
44-45	<p>Retail Trade -- The Retail Trade sector comprises establishments engaged in retailing merchandise, generally without transformation, and rendering services incidental to the sale of merchandise. The retailing process is the final step in the distribution of merchandise; retailers are therefore, organized to sell merchandise in small quantities to the general public. This sector comprises two main types of retailers: store and nonstore retailers.</p> <p>Sub-Sector Codes & Descriptions</p> <ul style="list-style-type: none"> 441 Motor Vehicle & Parts Dealers 442 Furniture & Home Furnishings Stores 443 Electronics & Appliance Stores 444 Building Material & Garden Equipment & Supplies Dealers 445 Food & Beverage Stores 446 Health & Personal Care Stores 447 Gasoline Stations 448 Clothing & Clothing Accessories Stores 451 Sporting Goods, Hobby, Book, & Music Stores 452 General Merchandise Stores 453 Miscellaneous Store Retailers 454 Nonstore Retailers
48-49	<p>Transportation & Warehousing -- The Transportation and Warehousing sector includes industries providing transportation of passengers and cargo, warehousing and storage for goods, scenic and sightseeing transportation, and support activities related to modes of transportation. Establishments in these industries use transportation equipment or transportation related facilities as a productive asset. The type of equipment depends on the mode of transportation. The modes of transportation are air, rail, water, road, and pipeline.</p> <p>Sub-Sector Codes & Descriptions</p> <ul style="list-style-type: none"> 481 Air Transportation 482 Rail Transportation 483 Water Transportation 484 Truck Transportation 485 Transit & Ground Passenger Transportation 486 Pipeline Transportation 487 Scenic & Sightseeing Transportation 488 Support Activities for Transportation 491 Postal Service 492 Couriers & Messengers 493 Warehousing & Storage
51	<p>Information -- The Information sector comprises establishments engaged in the following processes: (a) producing and distributing information and cultural products, (b) providing the means to transmit or distribute these products as well as data or communications, and (c) processing data. The main components of this sector are the publishing industries, including software publishing, the motion picture and sound recording industries, the broadcasting and telecommunication industries, and the information services and data processing industries.</p> <p>Sub-Sector Codes & Descriptions</p> <ul style="list-style-type: none"> 511 Publishing Industries 512 Motion Picture & Sound Recording Industries 513 Broadcasting & Telecommunications 514 Information Services & Data Processing Services

Sector Code	Sector Description
52	<p>Finance & Insurance -- The Finance and Insurance sector comprises establishments primarily engaged in financial transactions (transactions involving the creation, liquidation, or change in ownership of financial assets) and/or in facilitating financial transactions. The three principal types of activities identified are: 1) raising funds by taking deposits and/or issuing securities and, in the process, incurring liabilities; 2) pooling of risk by underwriting insurance and annuities; 3) providing specialized services facilitating or supporting financial intermediation, insurance, and employee benefit programs.</p> <p>Sub-Sector Codes & Descriptions</p> <p>521 Monetary Authorities - Central Bank 522 Credit Intermediation & Related Activities 523 Securities, Commodity Contracts, & Other Financial Inve 524 Insurance Carriers & Related Activities 525 Funds, Trusts, & Other Financial Vehicles</p>
53	<p>Real Estate & Rental & Leasing -- The Real Estate and Rental and Leasing sector comprises establishments primarily engaged in renting, leasing, or otherwise allowing the use of their own assets by others. The major portion of this sector comprises establishments that rent, lease, or otherwise allow the use of their won assets by others. The assets may be tangible, as is the case of real estate and equipment, or intangible, as is the case with patents and trademarks.</p> <p>Sub-Sector Codes & Descriptions</p> <p>531 Real Estate 532 Rental & Leasing Services 533 Lessors of Nonfinancial Intangible Assets (except Copyrig</p>
54	<p>Professional, Scientific & Technical Services -- The Professional, Scientific and Technical Services sector comprises establishments that specialize in performing professional, scientific, and technical activities for others. These activities require a high degree of expertise and training. Activities performed include; legal advice and representation; accounting, bookkeeping, and payroll services; architectural, engineering, and specialized design service; computer services; consulting services; research services; advertising services; photographic services; translation and interpretation services; veterinary services; and other professional, scientific, and technical services.</p> <p>Sub-Sector Codes & Descriptions</p> <p>541 Professional, Scientific, & Technical Services</p>
55	<p>Management of Companies & Enterprises -- The Management of Companies and Enterprises sector comprises (1) establishments of owning a controlling interest or influencing management decisions or (2) establishments (except government establishments) that administer, oversee and manage establishments of the company or enterprise and that normally undertake the strategic or organizational planning and decision-making role of the company or enterprise.</p> <p>Sub-Sector Codes & Descriptions</p> <p>551 Management of Companies & Enterprises</p>
56	<p>Administrative & Support & Waste Management & Remediation Services -- The Administrative and Support and Waste Management and Remediation Services sector comprises establishments performing routing support activities for the day-to-day operations of other organizations. Activities performed include: office administration, hiring and placing of personnel, document preparation and similar clerical services, solicitation, collection, security and surveillance services, cleaning, and waste services. These activities are typically on a contract or fee basis.</p> <p>Sub-Sector Codes & Descriptions</p> <p>561 Administrative & Support Services 562 Waste Management & Remediation Services</p>

Sector Code	Sector Description
61	<p>Educational Services -- The Educational Services sector comprises establishments that provide instruction and training in a wide variety of subjects. This instruction and training is provided by specialized establishments, such as schools, colleges, universities, and training centers.</p> <p>Sub-Sector Codes & Descriptions 611 Educational Services</p>
62	<p>Health Care & Social Assistance -- The Health Care and Social Assistance sector comprises establishments providing health care and social assistance for individuals. The industries in this sector are arranged on a continuum starting with those establishments providing medical care exclusively, continuing with those providing health care and social assistance, and finally finishing with those providing only social assistance. These services are delivered by training professionals.</p> <p>Sub-Sector Codes & Descriptions 621 Ambulatory Health Care Services 622 Hospitals 623 Nursing & Residential Care Facilities 624 Social Assistance</p>
71	<p>Arts, Entertainment & Recreation -- The Arts, Entertainment, and Recreation sector includes a wide range of establishments that operate facilities or provide services to meet varied cultural, entertainment, and recreational interests of their patrons. This sector comprises: (1) establishments that are involved in producing, promoting, or participating in live performances, events, or exhibits intended for public viewing; (2) establishments that preserve and exhibit objects and sites of historical, cultural, or educational interest; (3) establishments that operate facilities or provide services that enable patrons to participate in recreational activities or pursue amusement, hobby, and leisure time interests.</p> <p>Sub-Sector Codes & Descriptions 711 Performing Arts, Spectator Sports, & Related Industries 712 Museums, Historical Sites, & Similar Institutions 713 Amusement, Gambling, & Recreation Industries</p>
72	<p>Accommodation & Food Services -- The Accommodation and Food Services sector comprises establishments providing customers with lodging and/or preparing meals, snacks and beverages for immediate consumption.</p> <p>Sub-Sector Codes & Descriptions 721 Accommodation 722 Food Services & Drinking Places</p>
81	<p>Other Services (except Public Administration) -- The Other Services (except Public Administration) sector comprises establishments engaged in providing services not specifically provided for elsewhere in the classification system. Establishments in this sector are primarily engaged in activities, such as equipment and machinery repairing, promoting or administering religious activities, grantmaking, advocacy, and providing drycleaning and laundry service, personal care service, death care service, pet care service, photofinishing services, temporary parking services, and dating services.</p> <p>Sub-Sector Codes & Descriptions 811 Repair & Maintenance 812 Personal & Laundry Services 813 Religious, Grantmaking, Civic, Professional, and Similar 814 Private Households</p>

Sector Code	Sector Description
92	<p>Public Administration -- The Public Administration sector consists of establishments of federal, state, and local government agencies that administer, oversee, and manage public programs and have executive, legislature, or judicial authority over other institutions within a given area.</p> <p>Sub-Sector Codes & Descriptions</p> <p>921 Executive, Legislative, & Other General Government Supp</p> <p>922 Justice, Public Order, & Safety Activities</p> <p>923 Administration of Human Resource Programs</p> <p>924 Administration of Environmental Quality Programs</p> <p>925 Administration of Housing Programs, Urban Planning, and C</p> <p>926 Administration of Economic Programs</p> <p>927 Space Research & Technology</p> <p>928 National Security & International Affairs</p>



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

LOCATIONAL DATA CODES

GENERAL INFORMATION

Locational data information aids the Department in determining the method, accuracy and description of the latitude and longitude information that is being provided with the application. In some cases, the application requests the specific code; in a few cases, the options are specifically identified and only a check of the appropriate option is necessary.

LOCATIONAL DATA CODES

Horizontal Accuracy Measure. The measure of the accuracy in feet of the latitude and longitude coordinates. Using the latitude and longitude coordinates provided by the applicant will guarantee you are no more than this number of feet or meters from the actual location.

Horizontal Reference Datum. The code and description that represent the reference datum used in determining latitude and longitude coordinates.

Code	Description
GEO84	World Geodetic System of 1984 (WGS84)
NAD27	North American Datum of 1927
NAD83	North American Datum of 1983

Horizontal Collection Method. The code and description that represent the method used to determine the latitude and longitude coordinates for a point on the earth.

Code	Description
ZP2CN	Center of an area defined by the 5-digit ZIP code and its 2-digit geographic segment extension.
ZP4CN	Center of an area defined by the 5-digit ZIP code and its 4-digit geographic segment extension.
EPGPS	Environmental Protection GPS Equipment
AMBLF	Geographic coordinate determination method based on address matching-block face.
AMDIG	Geographic coordinate determination method based on address matching-digitized.
AMHNO	Geographic coordinate determination method based on address matching-house number.
AMINT	Geographic coordinate determination method based on address matching-nearest intersection
AMOTH	Geographic coordinate determination method based on address matching-other.
AMPN	Geographic coordinate determination method based on address matching-primary name.
AMSTC	Geographic coordinate determination method based on address matching-street centerline.
CB90	Geographic coordinate determination method based on census block-1990-centroid.
CB90G	Geographic coordinate determination method based on census/group-1990-centroid.
CB90T	Geographic coordinate determination method based on census/tract-1990-centroid.
CENOT	Geographic coordinate determination method based on census-other.
EMAP	Geographic coordinate determination method based on eMapPA.
SURVY	Geographic coordinate determination method based on classical surveying techniques.
GPSKN	Geographic coordinate determination method based on GPS carrier phase kinematic relative positioning technique.

Code	Description
GPSST	Geographic coordinate determination method based on GPS carrier phase static relative positioning technique.
GPSDF	Geographic coordinate determination method based on GPS code measurements (pseudo range) differential (DGPS).
GPSPR	Geographic coordinate determination method based on GPS code measurements (pseudo range) precise positioning service.
GPSON	Geographic coordinate determination method based on GPS code measurements (pseudo range) standard positioning service (SA On).
GPSOF	Geographic coordinate determination method based on GPS code measurements (pseudo range) standard positioning service (SA Off).
ITPMP	Geographic coordinate determination method based on interpolation-map.
ITPOT	Geographic coordinate determination method based on interpolation-other.
ITPPH	Geographic coordinate determination method based on interpolation-photo.
ITPSA	Geographic coordinate determination method based on interpolation-satellite.
LORAN	Geographic coordinate determination method based on Loran C.
PLSQS	Geographic coordinate determination method based on public land survey quarter of a section.
PLSSC	Geographic coordinate determination method based on public land survey section.
GISDR	Geographic coordinate determination method based on the use of GIS and Digital Raster Graphic 1:24000 scale USGS 7.5 minute quadrangle maps.
ZPCEN	Geographic coordinate determination method based on zipcode-centroid.
TIGER	Geographic coordinate determination method is based on a digital map source (TIGER).
PLSES	Geographic coordinate determination method is based on a public land survey, an eighth of a section.
PLSFT	Geographic coordinate determination method is based on a public land survey footing.
PLSSX	Geographic coordinate determination method is based on a public land survey, a sixteenth of a section.
ITPMS	Geographic coordinate determination method is based on the use of a Multi-Spectral Scanner (MSS).
ITPTM	Geographic coordinate determination method is based on the use of a Thematic Mapper (TM).
ITPSP	Geographic coordinate determination method uses SPOT (Système Probatoire d'Observation de la Terre), a French-owned satellite launched in 1984.
GPS	Global Positioning Method, with unspecified parameters.
GPSCN	GPS Code Measurements (pseudo range) Standard Positioning Service Corrected using Canadian Active Control System.
UNK	Unknown

Reference Point Code. The code and description that represent the place for which geographic coordinates were established.

Code	Description
ADBLD	Administrative Building-A building where business, school, or governmental business affairs are managed.
AIRMN	Air Monitoring Station-The station where air monitoring occurs.
AIRST	Air Release Stack-The stack where air releases occur.
AIRVT	Air Release Vent-The vent where air releases occur.
ATETU	Atmospheric Emissions Treatment Unit-The unit where atmospheric emissions are treated.
CENTER	Center of the facility.
CTROD	Centroid for the area where the facility is.
INPIP	Intake Pipe-A pipe where fluid enters an enclosure.
LGOON	Lagoon or Settling Pond-A body of water at rest, where clarification takes place as sediment is deposited.

Code	Description
LWTU	Liquid Waste Treatment Unit-The unit where liquid waste is treated.
LODCT	Loading Area Centroid-The centroid for the loading area.
LODNG	Loading Facility-The facility where loading occurs.
CORNE	Northeast corner of the land parcel.
CORNW	Northwest corner of the land parcel.
WELOG	Oil or Gas Well
ENTFT	Plant Entrance (freight)-The freight entrance to a plant.
ENTGN	Plant Entrance (general)-The general entrance to a plant.
ENTPE	Plant Entrance (personnel)-The personnel entrance to a plant.
CNTAM	Potential source of contamination to drinking water supply.
PUCEN	Process Unit Area Centroid-The centroid for the area where the process unit is.
PUNIT	Process Unit-The unit where processing occurs.
SWSTR	Solid Waste Storage Area-The area where solid wastes are stored.
SWTDU	Solid Waste Treatment/Disposal Unit-The unit where solid wastes are treated or disposed of.
H2OSR	Source Water Area-The area that potentially supplies water to a drinking water intake.
H2OPR	Source Water Protection Area-The drinking water source area where protective management action occur.
CORSE	Southeast corner of the land parcel.
CORSW	Southwest corner of the land parcel.
SPRNG	Spring-A place where ground water flows naturally from a rock or the soil into the land surface or into a body of surface water.
STANK	Storage Tank
UNK	Unknown-The information is not known.
H2OMS	Water Monitoring Station-The station where water monitoring occurs.
H2OPI	Water Release Pipe-The pipe where water releases occur.
H2OWL	Water Well-A shaft or dug hole, whose depth is greater than its diameter, sunk into the ground to a depth that allows the withdrawal of water from a water-yielding geologic unit.
WELPA	Wellhead Protection Area-The surface and subsurface area surrounding a water well or well field, supplying a public water system, through which contaminants are reasonably likely to move toward and reach such water well or well field.

Altitude. The height of anything above a given planetary reference plane. In this document, altitude should be referenced to sea level on earth.

Altitude Datum Name. The identification given to the surface taken as the surface of reference from which altitudes are measured.

Code	Description
NAV88	North American Vertical Datum of 1988
NGV29	National Geodetic Vertical Datum of 1929

Altitude (Vertical) Location Datum Collection Method. The code and description that represent the method used to collect the vertical measure (i.e., the altitude) of a reference point.

Code	Description
ALTIM	A method used to determine vertical components based on altimetry.
SRVEY	Geographic coordinate determination method based on classical surveying techniques.
GPSKN	Geographic coordinate determination method based on GPS carrier phase kinematic relative positioning technique.
GPSST	Geographic coordinate determination method based on GPS carrier phase static relative positioning technique.
GPSDF	Geographic coordinate determination method based on GPS code measurements (pseudo range) differential (DGPS).

Code	Description
GPSPR	Geographic coordinate determination method based on GPS code measurements (pseudo range) precise positioning service.
GPSOF	Geographic coordinate determination method based on GPS code measurements (pseudo range) standard positioning service (SA Off).
GPSON	Geographic coordinate determination method based on GPS code measurements (pseudo range) standard positioning service (SA On).
LVLNB	Leveling between non-benchmark control points.
UNSPF	Other, unspecified.
PHGRM	Photogrammetric.
LVLBM	Precise leveling from a bench mark.
TOPO	Topographic map interpolation.
TRGLV	Trigonometric leveling.

Geometric Type Code. The code and description that represent the geometric entity represented by one point or a sequence of latitude and longitude points.

Code	Description
POINT	Point referenced by geographic coordinates.

Data Collection Date. The calendar date when data were collected.

Source Map Scale Number. The number that represents the proportional distance on the ground for one unit of measure on the map or photo. An example of this type of information is 1 inch = 10 feet.



INSTRUCTIONS FOR COMPLETING CULTURAL RESOURCE NOTICE

GENERAL INFORMATION

This package is designed to assist the applicant in completing the necessary documentation regarding archaeological sites and historic structures encountered while undertaking permitting projects.

This form is to be completed, signed, and dated by applicants for certain DEP permits or plan approvals. Please refer to the List of Exemptions for a list of applications which are exempt from this requirement. It is the responsibility of the applicant to complete this form and mail it to the PHMC at the following address:

Pennsylvania Historical and Museum Commission
Bureau of Historic Preservation
400 North Street, Second Floor
Harrisburg, PA 17120-0093

Please be aware that PHMC will keep the Notice and submitted materials for its files. Therefore, keep a copy of the Notice and any materials submitted with it. Applicants should mail all Cultural Resource Notices "Certified Mail Return Receipt Requested" in order to prove submission and the date PHMC received the Notice.

Attach a copy of your completed Cultural Resource Notice and the return receipt to your permit application.

SECTION A. APPLICANT IDENTIFIER

For purposes of identifying and tracking complete permit packages, enter the following requested information.

APPLICANT NAME. Please insert applicant name using the same name as will be used with the Permit Application. Also, please insert applicant address and phone number. (Note: This would not be the consultant or engineering firm preparing the application.)

PROJECT TITLE. Please enter the title of the project as will be used with the Permit Application.

SECTION B. LOCATION OF PROJECT

MUNICIPALITY. Indicate the municipality(ies) in which the site is located. If the site is located in more than two municipalities, attach a separate sheet of paper.

COUNTY. Indicate the county(ies) in which the site is located. Write out the county name and also give the DEP county code. (County codes are provided on page 2 of these instructions.) If the site is located in more than two counties, attach a separate sheet of paper.

SECTION C. PERMITS OR APPROVALS

Give the name(s) of specific DEP permit or approval. Check the appropriate box for any anticipated federal permits that may be required.

SECTION D. GOVERNMENT FUNDING SOURCES

Indicate any authorized or anticipated governmental funding source and give the name of this funding source, i.e., PennVest or Rural Utility Services.

SECTION E. RESPONSIBLE DEP REGIONAL, CENTRAL, DISTRICT MINING, OR OIL AND GAS MANAGEMENT OFFICE

Check the appropriate box that identifies the DEP Regional, Central, District Mining, or Oil and Gas Management Office that is responsible for the review of this permit application. A list of DEP offices and counties supported is included at the end of these instructions.

SECTION F. COUNTY CONSERVATION DISTRICT

Some permit applications are reviewed by County Conservation Districts. If this is the case, give the name of the district office and the telephone number, if known.

SECTION G. CONSULTANT IDENTIFIER

For purposes of avoiding confusion should the consultant submit the determination notice to PHMC for the applicant, enter the following requested information: Consultant Engineer Name, Address and Telephone Number.

SECTION H. PROJECT BOUNDARIES AND DESCRIPTION

Assure that the following items are attached and submitted with the Notice form:

- 7.5' USGS Map indicating boundaries of the proposed activity. Maps should include all relevant details. (Example: For a sewage facilities plan, the location of proposed sewerage facilities, including collection sewers, interceptor lines, pump stations and sewage treatment plants would be relevant information that PHMC would need.)
- Narrative description of the proposed activity.
- Photographs of any buildings over 50 years old. Indicate what is to be done to all buildings in the project area.
- Indicate the total acres in the property under review. Of this acreage, indicate the total acres of earth disturbance for the proposed activity.
- The return receipt of delivery of this Notice to the Pennsylvania Historical and Museum Commission.

PHMC requests the following items:

- Photographs of any buildings over 40 years old.
- Site maps of the proposed activity, if available.

SECTION I. SIGNATURE BLOCK

A legally responsible agent of the applicant should complete and sign the notice. If this form is prepared by someone else, such as a consultant or contractor, that individual should complete and sign the notice.

SECTION B. LOCATION OF PROJECT

County Codes:

01 Adams	24 Elk	47 Montour
02 Allegheny	25 Erie	48 Northampton
03 Armstrong	26 Fayette	49 Northumberland
04 Beaver	27 Forest	50 Perry
05 Bedford	28 Franklin	51 Philadelphia
06 Berks	29 Fulton	52 Pike
07 Blair	30 Greene	53 Potter
08 Bradford	31 Huntingdon	54 Schuylkill
09 Bucks	32 Indiana	55 Snyder
10 Butler	33 Jefferson	56 Somerset
11 Cambria	34 Juniata	57 Sullivan
12 Cameron	35 Lackawanna	58 Susquehanna
13 Carbon	36 Lancaster	59 Tioga
14 Centre	37 Lawrence	60 Union
15 Chester	38 Lebanon	61 Venango
16 Clarion	39 Lehigh	62 Warren
17 Clearfield	40 Luzerne	63 Washington
18 Clinton	41 Lycoming	64 Wayne
19 Columbia	42 McKean	65 Westmoreland
20 Crawford	43 Mercer	66 Wyoming
21 Cumberland	44 Mifflin	67 York
22 Dauphin	45 Monroe	
23 Delaware	46 Montgomery	99 Out of State

DEP REGIONAL AND CENTRAL OFFICES

PA Dept. of Environmental Protection
SE Regional Office
 2 East Main Street
 Norristown, PA 19401-4915 Phone: (484) 250-5900

Counties: Bucks, Chester, Delaware, Montgomery and Philadelphia

PA Dept. of Environmental Protection
NE Regional Office
 Two Public Square
 Wilkes-Barre, PA 18711-0790 Phone: (570) 826-2511

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

PA Dept. of Environmental Protection
SC Regional Office
 909 Elmerton Avenue
 Harrisburg, PA 17110-8200 Phone: (717) 705-4700

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

PA Dept. of Environmental Protection
NC Regional Office
 208 West 3rd Street, Suite 101
 Williamsport, PA 17701-6448 Phone: (717) 570-3636

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

PA Dept. of Environmental Protection
SW Regional Office
 400 Waterfront Drive
 Pittsburgh, PA 15222-4745 Phone: (412) 442-4000

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

PA Dept. of Environmental Protection
NW Regional Office
 230 Chestnut Street
 Meadville, PA 16335-3481 Phone: (814) 332-6945

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

PA Dept. of Environmental Protection
Central Office
 400 Market Street
 P.O. Box 8554
 Harrisburg, PA 17105-8554 Phone: (717) 787-5027

DEP OIL AND GAS OFFICES

PA Dept. of Environmental Protection
 Oil and Gas Management
 Rachel Carson State Office Building
 5th Floor
 400 Market Street
 P.O. Box 8765
 Harrisburg, PA 17105-8765 Phone: (717) 772-2199

PA Dept. of Environmental Protection
 Oil and Gas Management
 Northwest Regional Office
 230 Chestnut Street
 Meadville, PA 16335-3481 Phone: (814) 332-6860

PA Dept. of Environmental Protection
 Oil and Gas Management
 Southwest Regional Office
 400 Waterfront Drive
 Pittsburgh, PA 15222-4745 Phone: (412) 442-4000

DEP DISTRICT MINING OFFICES

PA Dept. of Environmental Protection
Greensburg District Office

Armbrust Professional Center
8205 Route 819
Greensburg, PA 15601 Phone: (724) 925-5500

Counties: Allegheny, Armstrong, Beaver, Fayette, Greene, Washington and Westmoreland

PA Dept. of Environmental Protection
Cambria District Office

286 Industrial Park Road
Ebensburg, PA 15931-4119 Phone: (814) 472-1900

Counties: Bedford, Blair, Cambria, Fulton, Huntingdon, Indiana and Somerset

PA Dept. of Environmental Protection
Pottsville District Office

5 West Laurel Boulevard
Pottsville, PA 17901-2454 Phone: (570) 621-3118

Counties: Adams, Berks, Bucks, Carbon, Chester, Columbia, Cumberland, Dauphin, Delaware, Franklin, Juniata, Lackawanna, Lancaster, Lebanon, Lehigh, Luzerne, Mifflin, Monroe, Montgomery, Montour, Northampton, Northumberland, Perry, Philadelphia, Pike, Schuylkill, Snyder, Susquehanna, Union, Wayne, Wyoming, and York

PA Dept. of Environmental Protection
Moshannon District Office

186 Enterprise Drive
Phillipsburg, PA 16866-1860 Phone: (814) 342-8200

Counties: Bradford, Cameron, Centre, Clearfield, Clinton, Lycoming, Potter, Sullivan and Tioga

PA Dept. of Environmental Protection
California District Office

25 Technology Drive
California Technology Park
Coal Center, PA 15423-1051 Phone: (724) 769-1100

Serving: All of Western Pennsylvania

PA Dept. of Environmental Protection
Knox District Office

White Memorial Building
P.O. Box 669
Best Avenue
Knox, PA 16232-0669 Phone: (814) 797-1191

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

**DEP/PHMC POLICIES AND PROCEDURES
IMPLEMENTATION OF THE HISTORY CODE
LIST OF EXEMPTIONS
May 2006**

These DEP Permits are Exempt...	...Unless these qualifying conditions apply.
FOR ALL BUREAUS	Permitted activities which may affect Historic Resources on the National Register of Historic Places are not exempt regardless of size.
A. BUREAU OF AIR QUALITY Air Quality Plan Air Quality Operating Permit	Exempt unless more than 10 acres of earth disturbance.
B. BUREAU OF WASTE MANAGEMENT Projects which do not involve earth disturbance Facilities operating under permit-by-rule provisions	
C. BUREAU OF RADIATION PROTECTION Naturally Occurring and Accelerator Produced Radioactive Materials (NARM) Licenses	
D. BUREAU OF OIL AND GAS MANAGEMENT Individual Well Permits (normally only ½ to 1½ acre in size) DEP contracts for plugging wells Well registration Pillar Permits Underground Injection Control Permit NGPA Gas Well Classification Determinations Clean Streams Law Part II Permits for disposal wells and treatment facilities	Exempt unless more than 10 acres of earth disturbance.

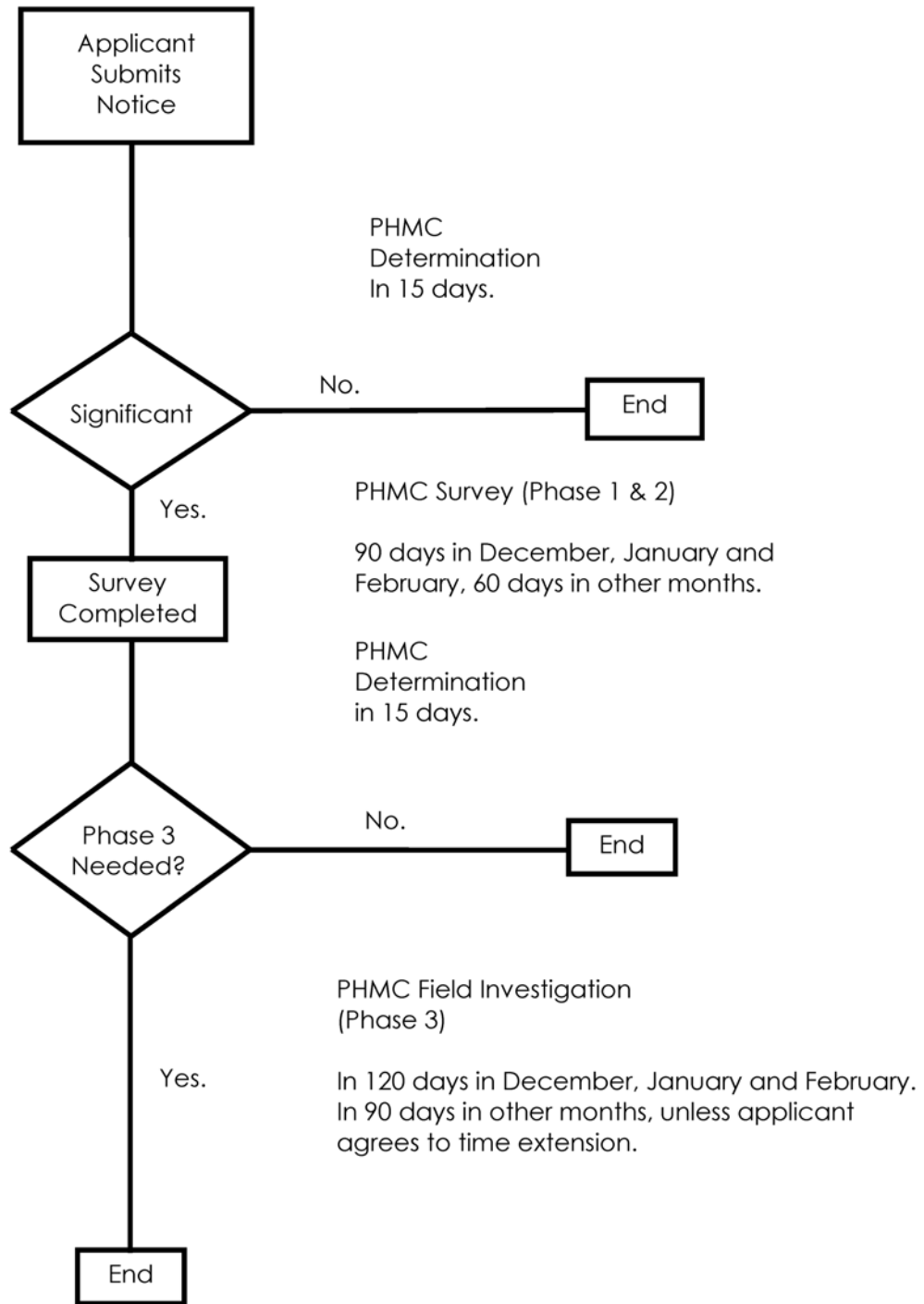
**DEP/PHMC POLICIES AND PROCEDURES
IMPLEMENTATION OF THE HISTORY CODE
LIST OF EXEMPTIONS
May 2006**

These DEP Permits are Exempt...	...Unless these qualifying conditions apply.
FOR ALL WATER MANAGEMENT BUREAUS	The following Water Management permits are exempt unless the project also requires a NPDES Individual Permit for Storm Water Discharges Associated with Construction Activities (NPDES Construction Permit) <u>and</u> the earth disturbance is greater than 10 acres.
<p>E. BUREAU OF WATERSHED MANAGEMENT</p> <p>I. Division of Waterways, Wetlands and Stormwater Management</p> <ol style="list-style-type: none"> 1. Chapter 105 Emergency Permit 2. Chapter 105 General Permit 3. NPDES General Permit for Storm Water Discharges Associated with Construction Activities (NPDES Construction Permit) 4. NPDES Individual Permit for Storm Water Discharges Associated with Construction Activities (NPDES Construction Permit) <p>II. Division of Water Use Planning</p> <ol style="list-style-type: none"> 1. Water Allocation Permit <p>III. Division of Conservation Districts and Nutrient Management</p> <ol style="list-style-type: none"> 1. CAFOs 	Exempt unless more than 10 acres of earth disturbance.
<p>F. BUREAU OF WATER STANDARDS AND FACILITY REGULATION</p> <p>I. Division of Planning and Permits</p> <ol style="list-style-type: none"> 1. National Pollutant Discharge Elimination System (NPDES) Permit for Sewage Discharge 2. Water Quality Management (Permit - Sewage Treatment Plants, Pump Stations or Sewer Extensions) 3. General National Pollutant Discharge Elimination System (NPDES) Permits 4. National Pollutant Discharge Elimination System (NPDES) Permit for Industrial Wastewater 5. General Water Quality Management Permits. 6. Water Quality Management Permit (Industrial Wastewater) 	

These DEP Permits are Exempt...	...Unless these qualifying conditions apply.
<ul style="list-style-type: none"> 7. Planning Approval Under the Sewage Facilities Act <ul style="list-style-type: none"> a. Component 1 – Exception to the Requirement to Revise the Official Plan b. Component 2 – Individual and Community Onlot Disposal of Sewage c. Component 3 – Sewage Collection and Treatment Facilities d. Component 3s – Small Flow Treatment Facilities e. Exemption from Sewage Facilities Planning II. Division of Operations Monitoring and Training <ul style="list-style-type: none"> 1. Public Water Supply Permits that do not involve any earth moving activity 2. Public Water Supply Permits for wells 3. Other Public Water Supply Permits 	<p>Exempt unless more than 10 acres of each disturbance.</p> <p>Exempt unless more than 10 acres of earth disturbance.</p> <p>Exempt unless more than 10 acres of earth disturbance.</p> <p>Exempt unless more than 10 acres of earth disturbance.</p>
<p>G. BUREAU OF WATERWAYS ENGINEERING</p> <ul style="list-style-type: none"> I. Division of Dam Safety <ul style="list-style-type: none"> 1. Limited Power Permit – Major Water Power Project 	
<p>H. BUREAU OF MINING AND RECLAMATION</p> <p>Permit Renewals/Transfers</p> <p>Permits for Small Non-Coal Mining ($\leq 2,000$ tons per year)</p> <p>Permits for Non-Coal Mining $< 10,000$ tons per year</p> <p>Coal/Non-Coal Exploration Notices</p> <p>Deep Mine Provisions</p> <p>Bonding authorizations within an approved Surface Mining Permit</p> <p>Strip mine reclamation using on-site previously disturbed material</p> <p>Portals without permanent linings or facings</p> <p>Exploratory drilling or well drilling</p> <p>Abandoned mine refuse pile grading or fire extinguishment</p> <p>Drainage control work in previously disturbed areas</p>	

These DEP Permits are Exempt...	...Unless these qualifying conditions apply.
Abandoned coal refuse piles	
<p>I. BUREAU OF ABANDONED MINE RECLAMATION (March 31, 1993 memo between Bureau and BHP of PHMC)</p> <p>Strip mine reclamation using on-site previously disturbed material</p> <p>Backfilling or flushing deep mines</p> <p>Backfilling or capping vertical mine openings</p> <p>Portals without permanent linings or facings</p> <p>Exploratory drilling or well drilling</p> <p>Abandoned mine refuse pile grading or fire extinguishment</p> <p>Abandoned deep mine dangerous gas venting projects</p> <p>Drainage control work in previously disturbed areas</p> <p>Abandoned coal refuse piles</p>	

PHMC'S TIME FRAMES



**CULTURAL RESOURCE NOTICE**

Read the instructions before completing this form.

SECTION A. APPLICANT IDENTIFIER

Applicant Name _____

Street Address _____

City _____

State _____

Zip _____

Telephone Number _____

Project Title _____

SECTION B. LOCATION OF PROJECT

Municipality _____

County Name _____

DEP County Code _____

SECTION C. PERMITS OR APPROVALS

Name of Specific DEP Permit or Approval Requested: _____

Anticipated federal permits:

Surface Mining

404 Water Quality Permit

Army Corps of Engineers

Federal Energy Regulatory Commission

401 Water Quality Certification

Other: _____

SECTION D. GOVERNMENT FUNDING SOURCES

State: (Name) _____

Local: (Name) _____

Federal: (Name) _____

Other: (Name) _____

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

DEP Regional Office Responsible for Review of Permit Application

Central Office (Harrisburg)

Southeast Regional Office (Norristown)

Northeast Regional Office (Wilkes-Barre)

Southcentral Regional Office (Harrisburg)

Northcentral Regional Office (Williamsport)

Southwest Regional Office (Pittsburgh)

Northwest Regional Office (Meadville)

District Mining Office: _____

Oil & Gas Office: _____

SECTION F. RESPONSIBLE COUNTY CONSERVATION DISTRICT, if applicable.

County Conservation District _____

Telephone Number, if known _____

SECTION G. CONSULTANT

Consultant, if applicable _____

Street Address _____

City _____

State _____

Zip _____

Telephone Number _____

SECTION H. PROJECT BOUNDARIES AND DESCRIPTION

REQUIRED

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

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

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

Attach a narrative description of the proposed activity.

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

REQUESTED

Attach photographs of any building over 40 years old.

Attach site map, if available.

SECTION I. SIGNATURE BLOCK

_____ Applicant's Signature	_____ Date of Submission of Notice to PHMC



CULTURAL RESOURCE NOTICE

APPLICANT'S ✓ CHECKLIST

Please check the following list to make sure that you have included all the required information. Place a checkmark in the column provided for all items completed and/or provided.

Failure to provide all of the requested information will delay the processing of the application and may result in the application being placed on hold with no action, or will be considered withdrawn and the application file closed.

	Requirement	Check ✓ If Included
1.	Attachments, where appropriate	
	a) Section B - Additional municipality information.	
	b) Section B - Additional county information.	
	c) Section H - 7.5' USGS Map (with defined boundaries of proposed activity).	
	d) Section H - Narrative description of proposed activity.	
	e) Section H - Photographs of any buildings over 50 years old. Indicate what is to be done to all buildings in the project area.	
	f) Section H - Total acres in property under review. Of this acreage, total acres of earth disturbance for the proposed activity.	
	g) Return receipt of delivery of Cultural Resource Notice to the Pennsylvania Historical and Museum Commission.	
2.	Mailings	
	a) Notice mailed to PHMC on _____.	
	b) Received return receipt from PHMC on _____.	
	c) Submitted application to DEP Regional, Central, District Mining or Oil and Gas Mgmt. Office on _____ with copy of return receipt from PHMC as proof of submittal. or	
	d) Submitted application to County Conservation District Office on _____ with copy of Return Receipt from PHMC as proof of submittal.	
	Requests	Check ✓ If Included
3.	Attachments requested, where appropriate	
	a) Section H - Photographs of any buildings over 40 years old.	
	b) Section H - Site maps of the proposed activity, if available.	



Fact Sheet

Commonwealth of Pennsylvania • Department of Environmental Protection

DEP MONEY-BACK GUARANTEE PERMIT REVIEW PROGRAM

Introduction

The purpose of the DEP Money-Back Guarantee Permit Review Program is to demonstrate DEP's commitment to providing timely permit decisions. Applicants who fail to get an answer from DEP within the deadline will automatically have their permit application processing fee returned. This program demonstrates DEP's commitment to timely decisions without sacrificing public review. It also recognizes the responsibility of the applicant to provide DEP with a complete application that meets agency requirements.

The DEP Permit Review Process is a standardized process followed by all DEP permitting programs. The process encourages quality submissions by the applicant and is the basis for the DEP Money-Back Guarantee Permit Review Program. The permit review process includes four key decision points:

- 1) Is the application administratively complete;
- 2) Is the application technically complete;
- 3) Is the application technically sound; and
- 4) Should the permit be issued?

Permit Coordination

Permit applications are sent to various regulatory programs within DEP for a preliminary review to determine if other permits are required for the activity proposed. If it appears other permits are necessary, DEP will send the applicant applications for those regulated activities. Assistant Regional Directors (ARD) are responsible for coordination of the permit application reviews. It is highly recommended that permit applicants schedule pre-application conferences with the appropriate regional ARDs if their proposed projects may involve obtaining permits from multiple DEP programs.

DEP Region	ARD	Phone
Southeast	John Kennedy	484-250-5940
Northeast	Gary Greenfield	570-826-2511
Southcentral	Lynn Langer	717-705-4929
Northcentral	Gary Byron	570-327-3320
Southwest	Ron Schwartz	412-442-4181
Northwest	James Rozakis	814-332-6816

Administrative Review

Administrative reviews vary slightly by program, but generally include checking for the appropriate signatures, filing fees, notarizations, maps and application forms. The purpose of the administrative completeness review is to determine whether the applicant provided the required forms, fees and signatures. DEP will not, at this time, evaluate the quality or content of the information. Administrative reviews are generally conducted within 20 days of the receipt of the application.

If an application is administratively deficient, DEP will notify the applicant by phone or letter. DEP will provide a reasonable time frame in which to submit the required information. If the information is not submitted within that time frame, DEP will return the application to the applicant without action.

When an application is determined to be administratively complete, DEP will accept it and will initiate the technical review. Applicants are notified by letter that their application has been accepted. The acceptance letter will include the name and phone number of the person to whom the application has been assigned for review.

Technical Review

Technical reviews begin once an application is deemed administratively complete and are performed by one or more of DEP's professional staff. The technical review includes an analysis of the proposal for potentially adverse environmental impacts; completeness, clarity and soundness of engineering proposals; conformity with applicable statutes and regulations; and analysis of comments submitted by the public. Please note, DEP will not review applications containing major technical errors. DEP will return technically deficient applications with a request that the applicant take more care in preparing the application.

A critical part of the technical review process is the review of comments from the general public and other governmental agencies. Comments may be solicited as a result of publishing a notice of the permit request or draft permit in the *Pennsylvania Bulletin* and/or newspapers of general circulation, circulating the application to other governmental agencies or through public meetings or hearings. Unsolicited comments in the form of letters and petitions are also given consideration.

After DEP staff review the application and all other relevant information, the applicant will be notified by phone or letter if there are deficiencies in the application. Applicants are given a reasonable period of time in which to address the deficiencies. If applicants fail to do so within the allotted time, the application may be denied and returned and any Money-Back Guarantee becomes void. If the material submitted in response to the deficiency letter still fails to meet DEP's requirements, DEP will issue a pre-denial letter. This letter will state that DEP is prepared to deny the application if the on-going deficiencies are not corrected within a stated time frame. The applicant will have one final opportunity to address those deficiencies; otherwise, DEP will deny the permit.

If all applicable requirements are met, DEP will issue the permit. When multiple permits are involved, the Assistant Regional Director's office will coordinate the issuance of the permits. DEP may deny a permit for any number of reasons, including: failure to supply the required information needed for a complete and comprehensive technical review (as described in the paragraph above); failure to show that the activity will not have an adverse impact on the environment; failure to satisfy all applicable legal requirements; or, in some cases, a negative compliance history of the applicant.

If an applicant believes the stated deficiencies in either the deficiency letter or pre-denial letter are not significant, the applicant has the option of asking DEP to make a decision based on the information already made available.

Public Input and Participation

Permit applications may be subject to any or all of the following: notice in the *Pennsylvania Bulletin* or other publication of general circulation; a public meeting; and a public hearing. These opportunities for public input are often required by regulation or statute, but may also occur at the discretion of DEP.

Appeal Process

Any person aggrieved by a DEP action may appeal to the Environmental Hearing Board. Appeals must be filed with the Environmental Hearing Board within 30 days of receipt of written notice of an action unless the appropriate statute provides a different time period. Copies of the appeal form and the board's rules of practice and procedure may be obtained from the board. The appeal form and the board's rules of practice and procedure are also available in Braille or on audio tape from the Secretary to the Board at 717-787-3483.

Frequently Asked Questions

How are the deadlines established for the Money-Back Guarantee Permit Review Program?

The overall deadlines include four phases -- administrative completeness, technical review 1, technical review 2 (if needed) and final decision. Opportunities for written public comment are factored into these phases and usually run concurrently with the technical or decision reviews. The maximum number of days for processing an application is the total of all four phases, plus the time the applicant may take to submit additional information to DEP. If an application is accurate and complete when first submitted, DEP will not only meet the deadline, but most likely beat it.

Will this program reduce public input opportunities in the processing of permit applications?

In no way will any existing public input opportunities be changed or affected by this program. All permit review times include the statutory or regulatory requirements for public notice and receipt and review of comments at appropriate stages in the application review process. Each process step incorporates adequate time to receive, review and consider written public comments. The time needed to hold a public hearing, in addition to the written public comment period, does not count in the review time.

When does the guarantee clock start ticking?

The clock begins ticking on the day DEP receives the application. This date begins the administrative completeness review phase. The administrative completeness review will take no longer than 20 days for most authorizations.

When (if ever) does the clock stop ticking?

The clock stops ticking if an application has to be returned to an applicant because it is deficient or incomplete. This type of stop could occur after administrative completeness review, the first technical review, or second technical review. The clock may also stop if DEP determines that a public meeting and/or hearing is appropriate.

Do applicants have deadlines too?

Yes. Applicants are responsible for responding to deficiency letters within 30-90 days. The faster the applicant responds, the faster DEP can process the application. If the applicant fails to respond within the stated time frame, the Money-Back Guarantee is canceled.

Will this program jeopardize public health and safety because DEP is forced to make a decision before it has fully analyzed a pending application?

No. It is clearly stated in the Executive Order (1995-5) that specific deadlines shall be established

for the review of permit applications, “*but not at the expense of public comment and good environmental decisions.*” Missing a final date in the timeline will not force DEP to approve any permit automatically.

What if more than one DEP permit is involved?

It is DEP’s policy to coordinate multiple permits for new facilities or projects. The coordination process includes deciding the permits necessary for a single project, tracking those permits so reviews occur concurrently and holding all permits so the entire package of permits is issued simultaneously. Permits covered by this program will continue to be coordinated in this manner. DEP will adhere to timelines for covered permits and will notify the applicant upon completion of the technical review(s). Unless extenuating circumstances prevail, such coordinated permits will not be issued to the applicant until DEP is prepared to make a decision on the final permit in the coordinated package.

What happens if DEP cannot meet or beat the required due date?

The timeline will not affect DEP’s decision on the permit application, nor will an application be approved automatically if the agency fails to meet the established due date. The established due date is defined as the last day of the decision review phase. If an established due date for a DEP decision is not met by DEP, then DEP will automatically refund the application fee and the applicant may:

- 1) ask DEP to continue reviewing the application and agree on a deadline for a decision; or
- 2) ask DEP to make a decision within 30 days based on the current record.

Are there any exceptions to the program?

Yes. DEP will not provide Money-Back Guarantee refunds in instances where it fails to make timely permit decisions because of outstanding compliance actions or violations, coordination with federal oversight agencies, and/or is awaiting the filing of financial responsibility instruments. DEP will do everything it can to assure that reviews by other agencies occur within the time frames.

What can applicants do to speed applications?

Anyone who may be unfamiliar with DEP’s permitting process, or has large-scale projects planned, should request a pre-application conference before completing a permit application. These conferences are used to review the applicant’s plans with DEP staff and for DEP staff to share all known regulatory requirements. Applicants should contact the Assistant Regional Director in the appropriate regional office or Permit Chief in the appropriate district mining office to schedule this meeting. When completing applications, applicants should be sure to include all information needed for a decision. Written project descriptions and photographs are often useful

in conveying this information. Finally, applicants should check to make sure the application package is complete and meets all regulatory requirements.

What is an alternative project timeline?

Because of the size, complexity and technical issues generally associated with certain permit applications and because of DEP’s desire to involve the public to a greater degree in these decisions, stakeholders will negotiate a customized timeline for the processing of certain applications. DEP will not accept an application until such time that a timeline has been fully negotiated. The applicant, DEP, and representatives of the host community will negotiate the timeline. In the event the parties are unable to reach consensus on a timeline, DEP will determine an appropriate timeline which will consider the level of public interest and include sufficient opportunities for meaningful public participation. Should DEP fail to meet the processing time established, DEP will automatically return the application processing fee.

What permits fall into the alternative project timeline category?

Five types of permit applications are included in the alternative project timeline category. They are:

- 1) low level radioactive waste disposal siting;
- 2) hazardous waste commercial boiler industrial furnace, incinerators, disposal and treatment facilities;
- 3) municipal waste landfills;
- 4) municipal waste construction/demolition landfills; and
- 5) residual waste commercial landfills.

What additional information related to permits and processing timeframes is available?

The *Guide to DEP Permits & Other Authorizations* is available on the DEP Web site at: www.depweb.state.pa.us, keyword: Permits. This guide provides detailed information on the processing of applications and provides information related to individual types of authorizations.

Permit/Authorization application packages are available on the DEP Web site at: www.depweb.state.pa.us, keyword: Permits. These packages include instructions, forms, checklists, and other related documentation needed to apply for a permit or other authorization from DEP.

eNotice is available on the DEP Web site at: www.depweb.state.pa.us, keyword: eNotice. eNotice is DEP’s electronic notification system. Web site users can subscribe to eNotice, select items they wish to receive email notices on (or ‘eNotices’) when changes occur in the status of a particular item or when new items are available for viewing. eNotices covering permit applications are processed daily.

REGIONAL OFFICES ENVIRONMENTAL PROTECTION	COUNTIES SERVED
Southeast Office - 484-250-5940 Assistant Director Permit Coordinator 2 East Main Street Norristown, PA 19401-4915	Bucks, Chester, Delaware, Montgomery and Philadelphia
Northeast Office - 570-826-2511 Assistant Director Permit Coordinator 2 Public Square Wilkes-Barre, PA 18711-0790	Carbon, Lackawanna, Lehigh, Luzerne, Monroe, Northampton, Pike, Schuylkill, Susquehanna, Wayne and Wyoming
Southcentral Office - 717-705-4700 Assistant Director Permit Coordinator 909 Elmerton Avenue Harrisburg, PA 17110-8200	Adams, Bedford, Berks, Blair, Cumberland, Dauphin, Franklin, Fulton, Huntingdon, Juniata, Lancaster, Lebanon, Mifflin, Perry and York
Northcentral Office - 570-327-3636 Assistant Director Permit Coordinator 208 W. 3rd Street, Suite 101 Williamsport, PA 17701-6448	Bradford, Cameron, Clearfield, Centre, Clinton, Columbia, Lycoming, Montour, Northumberland, Potter, Snyder, Sullivan, Tioga and Union
Southwest Office - 412-442-4000 Assistant Director Permit Coordinator 400 Waterfront Drive Pittsburgh, PA 15222-4745	Allegheny, Armstrong, Beaver, Cambria, Fayette, Greene, Indiana, Somerset, Washington and Westmoreland
Northwest Office - 814-332-6945 Assistant Director Permit Coordinator 230 Chestnut Street Meadville, PA 16335-3481	Butler, Clarion, Crawford, Elk, Erie, Forest, Jefferson, Lawrence, McKean, Mercer, Venango and Warren
PA Dept. of Environmental Protection P.O. Box 2063 Harrisburg, PA 17105-2063	

BUREAU OF DISTRICT MINING OPERATIONS DISTRICT OFFICES	COUNTIES SERVED
Cambria - 814-472-1900 286 Industrial Park Road Ebensburg, PA 15931-4119	Bedford, Blair, Cambria, Fulton, Huntingdon, Indiana and Somerset
Greensburg - 724-925-5500 Armbrust Professional Building RR 2, Box 603C Greensburg, PA 15601-8739	Allegheny, Armstrong, Beaver, Fayette, Greene, Washington and Westmoreland
Moshannon - 814-342-8200 186 Enterprise Drive Philipsburg, PA 16866	Bradford, Cameron, Centre, Clearfield, Clinton, Lycoming, Potter, Sullivan and Tioga
Knox - 814-797-1191 White Memorial Building P.O. Box 669 Knox, PA 16232-0669	Butler, Clarion, Crawford, Elk, Erie, Forest, Jefferson, Lawrence, McKean, Mercer, Venango and Warren
California - 724-769-1100 25 Technology Drive California Technology Park Coal Center, PA 15423	All counties where bituminous deep mining and subsidence occur.
Pottsville - 570-621-3118 5 West Laurel Boulevard Pottsville, PA 17901-2454 FAX: 570-621-3110	Adams, Berks, Bucks, Carbon, Chester, Columbia, Cumberland, Dauphin, Delaware, Franklin, Juniata, Lackawanna, Lancaster, Lebanon, Lehigh, Luzerne, Mifflin, Monroe, Montgomery, Montour, Northampton, Northumberland, Perry, Philadelphia, Pike, Schuylkill, Snyder, Susquehanna, Union, Wayne, Wyoming and York
Bureau of Deep Mine Safety Anthracite & Industrial Minerals Div. 5 West Laurel Boulevard Pottsville, PA 17901 570-621-3139 FAX: 570-621-3445	Anthracite - Lycoming, Sullivan, Lackawanna, Luzerne, Columbia, Carbon, Schuylkill, Northumberland and Dauphin Non-Coal - Entire state
Bureau of Deep Mine Safety Bituminous Mine Safety Div. Fayette County Health Center 100 New Salem Road Uniontown, PA 15401 724-439-7469 FAX: 724-439-7324	Greene, Fayette, Washington, Westmoreland, Cambria, Indiana, Beaver, Butler, Armstrong, Jefferson and Clearfield

For more information, visit DEP's Web site at www.depweb.state.pa.us, keyword: Money-Back Guarantee.



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

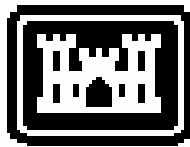
JOINT PERMIT APPLICATION INSTRUCTIONS

FOR A

**PENNSYLVANIA WATER OBSTRUCTION AND
ENCROACHMENT PERMIT APPLICATION**

AND A

**U.S. ARMY CORPS OF ENGINEERS
SECTION 404 PERMIT APPLICATION**



US Army Corps
of Engineers

For more information,
visit DEP's Web site at www.depweb.state.pa.us,
keyword: Water Management.

JOINT PERMIT APPLICATION INSTUCTIONS

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INTRODUCTION

This booklet is intended to assist the applicant in properly completing a **Joint Permit Application** for a state (Department of Environmental Protection (DEP)) **Water Obstruction and Encroachment permit** and a federal (U.S. Army Corps of Engineers (the Corps)) **Section 9, Section 10 or Section 404** permit. DEP is committed to the explanation of its permitting requirements and in assisting, to the fullest extent possible, those persons whose activities require them to secure a state and/or federal permit.

The basic procedure for making application involves submitting three (3) complete application packages including the General Information Form and Environmental Assessment Form to the appropriate DEP Regional Office indicated on the **Application Mailing Instructions (page iii)**. One copy of the application will be retained by the Department, one will be forwarded to the Corps, and the third copy will be forwarded to the Pennsylvania Fish and Boat Commission.

Upon favorable review of the complete application package, the applicant may receive both state and federal permits for the project.

The following items explain some of the review procedures associated with the application process.

Pre-Application Conferences

The purpose of a pre-application conference is to improve communications between the potential applicant and the Department staff that will be reviewing any future permit application. Although this requires an investment of time, it is the Department's goal that these conferences result in improved applications being submitted by applicants. Likewise, DEP staff is afforded the opportunity to learn details about the project prior to reviewing the application.

Pre-application conferences are not required, but are available for anyone requesting a meeting. DEP does recommend the pre-application meeting for all first time applicants and for complex and technically difficult projects. DEP staff will review all of the application forms and documentation required to be completed by the applicant. They will also inform the applicant of any fees, reports or license agreements which may be required.

PASPGP

The PASPGP (Pennsylvania State Programmatic General Permit) authorizes the discharge of dredged, excavated or fill material or structures into waters of the United States and waters of the Commonwealth, including wetlands. The PASPGP is a federal Clean Water Act Section 404 Permit issued for the Commonwealth of Pennsylvania for processing approximately 80 percent of the applications received. If appropriate, DEP will provide both state and federal authorizations for the proposed project.

There is no additional initial work on the part of the applicant to initiate the PASPGP review process. All permit applications submitted to the Department will be reviewed to determine the scope of the work and the applicability of the PASPGP. If it is determined that the application does not qualify for this dual (state and federal) review by DEP, the application will be forwarded to the Corps for a separate federal review. All other applications will be processed entirely by DEP. In either case, the applicant will be advised as to which procedure his application is undergoing.

401 Water Quality Certification

A separate federal issue associated with the permit application process is the need for a Water Quality Certification under Section 401 of the Federal Water Pollution Control Act (33 U.S.C.A. 1341(a)). There is no need on the part of the applicant to initiate this review; it is initiated by the Department for each application that is submitted. If DEP approves an application and issues a Water Obstruction and Encroachment Permit, the

INTRODUCTION

review for the 401 certification will have been completed and the 401 certification will be included with the permit.

DEP Money Back Guarantee Permit Review Program

The purpose of the DEP Money-Back Guarantee Permit Review Program is to demonstrate DEP's commitment to providing timely permit decisions. Applicants who fail to receive an answer from DEP within the established deadline will automatically have their permit application processing fee returned. This program demonstrates the Department's commitment to timely decisions without sacrificing public review. It also recognizes the responsibility of the applicant to provide the Department with a complete application that meets agency requirements.

The time frame established for completing an application for the 105 program is 130 days. The applicant can assist the Department in meeting this goal by providing a complete application package. Therefore, it is important that the instructions contained in this booklet be followed very closely. Errors, omissions and other irregularities in the application package must be resolved before any detailed reviews of an application may begin.

Submerged Lands License Agreement

A Submerged Lands License Agreement (SLLA) will be required for any regulated water obstruction or encroachment to occupy submerged lands of this Commonwealth located in a navigable lake or river or stream declared a Public Highway. No separate action or application for such agreements is required by the applicant. Upon review of all applications for a **Water Obstruction and Encroachment permit**, DEP will determine if a SLLA is required. If one is required, it will be prepared and sent to the applicant for signature.

Growing Smarter Legislation

On June 22, 2000, Governor Tom Ridge signed into law "Growing Smarter" initiatives by amending the Municipalities Planning Code (MPC) with the new laws - Acts 67, 68 and 127. The new law also provides state agencies additional legal authority to consider local zoning ordinances and comprehensive plans in making certain permit and funding decisions.

To fulfill its obligation under these new laws, the Department of Environmental Protection (DEP) will take into consideration local land use plans and ordinances when reviewing permit applications.

APPLICATION MAILING INSTRUCTIONS

The set of three completed copies of the application, the General Information Form (GIF) and the Environmental Assessment Form (E.A.) with all other required documents, should be mailed or hand delivered to the appropriate DEP Regional Office. **PLEASE KEEP THIS SHEET FOR ANY FUTURE CORRESPONDENCE OR TELEPHONE CONTACTS WITH THE REGIONAL OFFICE.**

REGIONAL OFFICE	COUNTY RESPONSIBILITY
Northwest Regional Office Permitting and Technical Services Section 230 Chestnut Street Meadville, PA 16335 (814) 332-6984	Butler, Clarion, Crawford, Elk, Erie, Forest, Jefferson, Lawrence, McKean, Mercer, Venango and Warren
Northcentral Regional Office Permitting and Technical Services Section 208 W. Third St., Suite 101 Williamsport, PA 17701 (570) 327-3574	Bradford, Cameron, Centre, Clearfield, Clinton, Columbia, Lycoming, Montour, Northumberland, Potter, Snyder, Sullivan, Tioga and Union
Northeast Regional Office Permitting and Technical Services Section 2 Public Square Wilkes-Barre, PA 18711-0790 (570) 826-2511	Carbon, Lackawanna, Lehigh, Luzerne, Monroe, Northampton, Pike, Schuylkill, Susquehanna, Wayne and Wyoming
Southwest Regional Office Permitting and Technical Services Section 400 Waterfront Drive Pittsburgh, PA 15222-4745 (412) 442-4000	Allegheny, Armstrong, Beaver, Cambria, Fayette, Greene, Indiana, Somerset, Washington and Westmoreland
Southcentral Regional Office Permitting and Technical Services Section 909 Elmerton Avenue, 2nd Floor Harrisburg, PA 17110 (717) 705-4707	Adams, Bedford, Berks, Blair, Cumberland, Dauphin, Franklin, Fulton, Huntingdon, Juniata, Lancaster, Lebanon, Mifflin, Perry and York
Southeast Regional Office Permitting and Technical Services Section 2 E. Main Street Norristown, PA 19401-4915 (484) 250-5970	Bucks, Chester, Delaware, Montgomery and Philadelphia

I. ACTIVITIES WHICH REQUIRE A PERMIT

- A. **GENERAL:** A Chapter 105 Water Obstruction and Encroachment permit is needed for any structure or activity which changes, expands or diminishes the course, current or cross section of a **watercourse, floodway** or **body of water**. **Figure 1.1** shows a cross sectional view of a typical watercourse (stream, creek, river, etc.) and adjoining floodway.

Floodways (to carry the 100-year frequency flood) are determined in one of two ways. Many municipalities have flood insurance studies and maps prepared by the Federal Emergency Management Agency (FEMA) which indicate floodway boundaries. Inquiries to the local municipal government will disclose whether the floodway has been determined along a particular watercourse or body of water. In the absence of any FEMA determined floodway along a watercourse, the floodway shall be considered to extend 50 feet landward from the top of each streambank (refer to **Figure 1.1**).

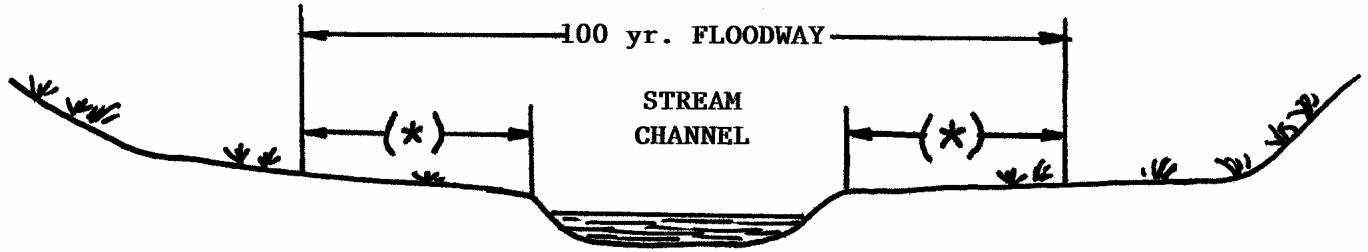
Bodies of water include both natural and artificial lakes, ponds, reservoirs, swamps, marshes and wetlands. In a few locations, FEMA has delineated a floodway along a body of water. However, in most cases, no FEMA floodway has been delineated and the 50-foot rule does not apply. A permit is required only if the structure or activity adjoins or encroaches into the body of water or into the floodway as defined by FEMA.

Under the Department's Chapter 106 Rules and Regulations additional permit requirements are placed upon the Commonwealth, political subdivisions of the Commonwealth and Public Utilities for activities, structures or an assembly of materials on the **floodplain** which may impede, retard or change flood flows. The difference between floodway and floodplain is illustrated in Figure 1.2. Since such activities and structures within the floodway portion of the overall floodplain are already regulated under the Chapter 105 Rules and Regulations, the Chapter 106 requirements are basically limited to that floodway fringe area shown in **Figure 1.2**. The same **Joint Permit Application** shall be used for both Chapter's 105 and 106 **Water Obstruction and Encroachment permits**.

- B. **PERMIT WAIVERS:** Before preparing a joint permit application, the applicant should review the availability of permit waivers for specified structures and activities. These waivers are listed under Section 105.12 of DEP's Chapter 105 Rules and Regulations and have been included in Appendix I of this section. Most of the waivers are automatic and do not need prior DEP approval. Any person using such waivers needs only to develop and retain such information as will verify their qualification to use a waiver. This information would be made available to DEP only if so requested as a result of a general inquiry or in the investigation of a complaint. The only exceptions to the "automatic" waivers concern subsections 105.12(a)(4), 105.12(a)(11), 105.12(a)(16) and 105.12(b)(2). These subsections require that any person wishing to use these permit waivers must first submit specified information to DEP for its review and approval.
- C. **GENERAL PERMITS:** Certain regulated structures and activities may qualify for permitting under one of 12 available Department General Permits. Specific limits and restrictions on use are contained in the instructions for each General Permit. Applicants need only to register their intent to construct the project in accordance with conditions of the general permit. Contact the appropriate DEP Regional Office (page iii) (for more information, visit us through the Pennsylvania homepage at www.state.pa.us or visit DEP directly at www.depweb.state.pa.us, keyword: Water Management) for copies of the General Permits. A list and brief description of the available General Permits are included in Appendix II of this section.

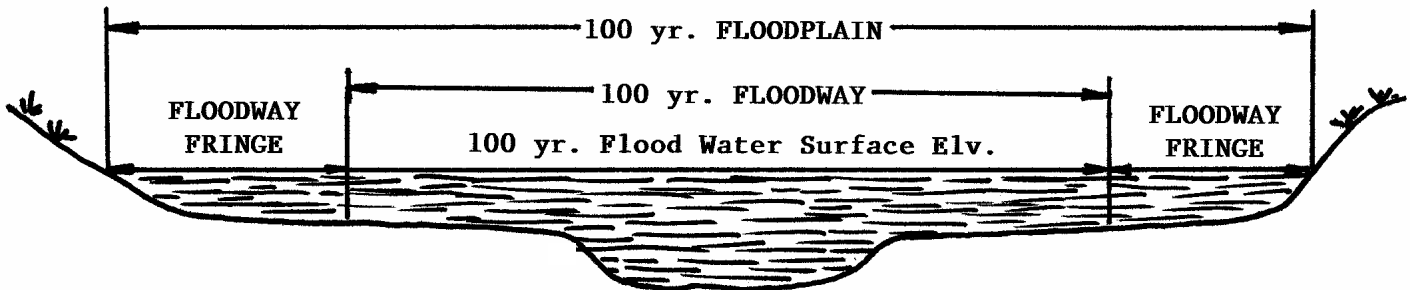
I. ACTIVITIES WHICH REQUIRE A PERMIT

FIGURE 1.1



(*) = DISTANCE FROM TOP OF BANK TO LIMIT OF FLOODWAY AS DETERMINED BY FEMA FLOOD INSURANCE STUDY. IF NO FEMA STUDY HAS BEEN COMPLETED, THIS DISTANCE WILL BE 50 FEET.

FIGURE 1.2



I. ACTIVITIES WHICH REQUIRE A PERMIT

- D. LIMITED POWER PERMITS:** These permits are required for all power projects consisting of complete units of improvements or development for the supply of water power or for the procuring or supply of light, heat or power, by electricity, consisting of changes in streams to develop water power or to supply water for stream power. When, upon review of a Joint Permit Application, it is determined that a Limited Power Permit is required, DEP will forward a separate Limited Power Permit application to the applicant.
- E. ENVIRONMENTAL ASSESSMENT FORM (E.A. FORM):** The Pennsylvania Department of Environmental Protection requires a review of all environmental impacts associated with activities (see EA Instructions 3930-PM-WM0017 and EA Form 3930-PM-WM0017A) or structures in watercourses, floodways, and/or bodies of water, including wetlands. If you are seeking a Water Obstruction and Encroachment Permit to "build in" reservoirs, lakes, ponds, swamps, wetlands, marshes, bogs, floodways, waterways, or open waters in Pennsylvania, an Environmental Assessment must be approved by the DEP as part of the permit review process. **The Environmental Assessment is a necessary part of a complete Chapter 105 Dam Safety and/or Water Obstruction and Encroachment Permit application.** If you are completing the Environmental Assessment as part of a permit application, several maps, plans and other information requested herein will have already been submitted via the application package and do not have to be duplicated. In these instances, please reference where in the application the information is provided. However, these documents must be included with the Environmental Assessment if a permit is not required. **IN THE FOLLOWING CIRCUMSTANCES, A CHAPTER 105 PERMIT IS NOT NECESSARY BUT AN APPROVED ENVIRONMENTAL ASSESSMENT IS REQUIRED:**

- §105.12(a)(11) - Waiver No. 11 removal of abandoned dams, water obstructions and encroachments.
- §105.12(a)(16) - Waiver No. 16 restoration activities associated within an approved DEP Restoration Plan.
- §105.15(b) - For structures or activities where water quality certification is required under Section 401 of the Clean Water Act (33 U.S. CA. §1341). These activities include but are not limited to Federal Nationwide Permits (NWP).
- §105.15(a)(2) and (3) - Non-jurisdictional dams that are located in wetlands or exceptional value water as defined in Chapter 93.

The Environmental Assessment for all Chapter 105 General Permits has been deemed approved by the Department. Therefore, the Environmental Assessment is not necessary when registering for use of a General Permit.

For further information regarding Environmental Assessments, please contact the Permitting and Technical Services Section in the appropriate DEP Regional Offices listed on page iii (Application Mailing Instructions).

II. WHICH TYPE OF PERMIT TO APPLY FOR

- A. GENERAL:** If you do not qualify for a waiver or general permit, the Department's Chapter 105 Rules and Regulations allow for two types (Small Projects and Standard) of joint permit application to be made for a Water Obstruction and Encroachment Permit. A **Small Projects Application** may be made for projects in streams and floodplains where insignificant impacts on safety and protection of life, health, property and the environment can be demonstrated without detailed studies or engineering calculations. For all other projects including those projects affecting wetlands and those projects where safety and environmental impacts must be determined through technical studies, a **Standard Application** must be made. Either type of application can be made using the **Joint Permit Application forms**. The applicant shall indicate which type of application is being made at the beginning of the forms and then follow subsequent instructions to complete the application type indicated.
- B. SMALL PROJECTS:** Small Projects are those water obstructions and encroachments located in a stream or floodplain which will have an "insignificant impact" (see definition below) on safety and protection of life, health, property and the environment as defined in Chapter 105.1 of the Department's regulations. **The Small Projects Application may not be used for projects located in wetlands.** Examples of small projects include, but are not limited to:

Bridges; culverts; streamside retaining walls; boat and other access ramps; docks; on-grade construction and excavations within the floodplain; low flow crossings; removal of flood debris; removal of limited amounts of unvegetated gravel bars; small buildings and similar structures within the floodplain; repair, reconstruction, widening, extension and replacement of existing water obstructions; and water pollution treatment devices.

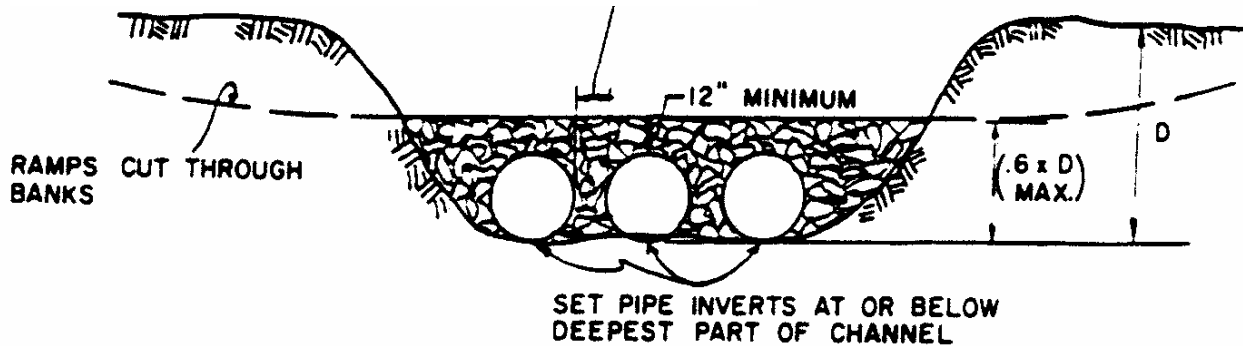
INSIGNIFICANT IMPACTS: Generally speaking, the size and scope of a small project must not represent an obvious resultant increase in local flood heights or patterns because the activity is small compared to the overall channel and/or floodplain size. In other cases, a project may appear to cause a localized increase in flood stages but such increases will be across open or unimproved land owned or placed under flowage easement by the applicant. The absence of any buildings or other structures in floodplain areas adjacent to the proposed project also helps to justify a small project. Similar criteria would apply to judging potential environmental impacts. **SPECIFIC LIMITING CRITERIA FOR SMALL PROJECTS APPLICATIONS INCLUDE:**

1. No work in wetlands.
2. No impacts to a Federal wilderness area or national historic site.
3. No impacts on the habitat of rare, threatened or endangered species based on a review of the PA Natural Diversity Inventory (the PNDI form is contained in the application package).
4. No significant impacts to public water supplies, high quality and exceptional value watersheds, scenic rivers, and wild and stocked trout streams.
5. Low flow culvert crossings and bridges must be constructed in accordance with the specifications and to the general configurations shown in SAMPLE DRAWINGS A1 AND A2. Fill placed for approach roadways must be minimal.
6. Except for low flow crossings, all new bridges and culverts should have a single waterway opening equal to or greater in width than the existing channel in the area of construction.
7. Channel excavation projects associated with existing bridges or culverts are generally limited to 50 feet above and below the structure.
8. Channel restoration work is generally limited to a total length of 200 feet to repair recent flood damages. Unvegetated gravel bars may be removed down to 6 inches above the water level at the time of construction. Channels may not be realigned except to restore pre-flood alignments. Construction equipment shall not be used in the stream channel unless absolutely necessary.

II. WHICH TYPE OF PERMIT TO APPLY FOR

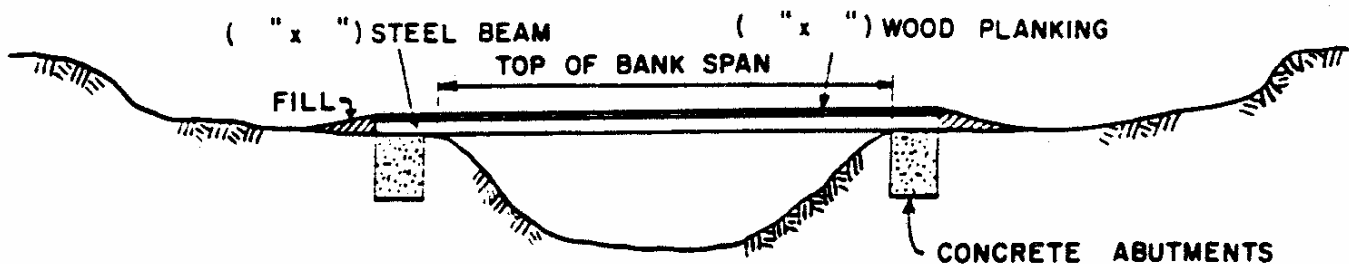
9. The cross sectional area of buildings or other structures placed in the floodplain must be insignificant compared to the overall size of the floodplain. The final grade of excavations, regradings, parking lots and similar work in the floodplain shall, on average, match the existing land surface grade. For structures, a letter is required from the local municipality indicating consistency with their local floodplain management program.
10. Sinkhole repairs in a watercourse must not use any materials regulated by the Solid Waste Act.

SAMPLE DRAWING A1: LOW FLOW CROSSING



- NOTES: (1) MAXIMUM HEIGHT OF STRUCTURES AND FILL PLACED IN THE CHANNEL MAY NOT EXCEED [.6 x D (AVG. CHANNEL DEPTH)]
- (2) SEE MANUFACTURERS' SPECIFICATIONS FOR SPACING AND OVERTOPPING FILL REQUIREMENTS

SAMPLE DRAWING A2: TYPICAL BRIDGE CROSSING



- NOTE: THIS SAMPLE DRAWING SHOWS A PROPOSED BRIDGE THAT DOES NOT INVOLVE PLACING ABUTMENTS OR PIERS WITHIN THE CHANNEL, IT HAS AN UNDERCLEARANCE THAT DOES NOT EXTEND BELOW THE LOWEST NATURAL STREAMBANK ELEVATION, AND THE PROJECT DOES NOT INVOLVE PLACING SUBSTANTIAL FILL TO BUILD UP THE APPROACHES. THEREFORE, STRUCTURE DIMENSIONS AND CONSTRUCTION MEET GUIDELINES CRITERIA.

III. COMPLETING THE JOINT PERMIT APPLICATION FORM

SECTION A - APPLICATION TYPE: Place an "X" in either the STANDARD or SMALL PROJECTS block to indicate type of application being made.

SECTION B - APPLICANT IDENTIFIER: Applicant Name: If 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.

SECTION C - PROJECT LOCATION DATA:

- Provide the USGS name of the stream, river or body of water. If none, enter "unnamed". If wetland, enter "wetland".
- Place an "X" in the appropriate Corps District block. Baltimore covers the Susquehanna River Basin; Philadelphia covers the Delaware River Basin; Pittsburgh covers the Ohio River basin, and portions of the Lake Erie and the Genessee River Basins located in Pennsylvania.
- Provide the name of the USGS 7 1/2 minute Quadrangle map where the project is located and provide the other site location information as requested. Each application must contain a project location map drawn to, or otherwise utilizing an existing 1:24000 scale (1 inch equals 2,000 feet). This is the scale used on U.S.G.S. 7.5 minute topographic maps. (A current list of USGS Map Dealers in Pennsylvania is available on the internet at www.usgs.gov). A photocopy of the appropriate U.S.G.S. topographic map, with the project site identified, is the recommended method to comply with this requirement (see Figure III-1 in Appendix III). The photocopy must include a 3-inch radius of map coverage around the project site. If a U.S.G.S. photocopy is used for a location map, all the requirements of Subsection 105.13(d)(1)(ii) of DEP's regulations will be satisfied. Refer to that subsection for required location map features if another type, or hand drawn map is used.
- Provide a concise and accurate narrative of the project type, purpose and need.

SECTION D - PROJECT STATUS: Has Any Portion Of The Proposed Project Been Completed?: Please mark yes and the date completed only if any physical work has been undertaken at the site. Please attach a detailed description of those portions of the project that have been completed.

SECTION E - OTHER APPROVALS: List approvals, certifications, denials or notices of violation received from federal, interstate, state or local agencies for structures, construction, discharges or other activities described in this application. Use additional sheets of paper, if required, and attach to application.

SECTION F - APPLICATION COMPLETENESS CHECKLIST: Applicant must place an entry - Y = Yes, N = No, N/A = Not Applicable - for each requirement in the column designated as Applicant Entry. If you are applying under the **Small Projects Application** format, place an entry in only those spaces prefixed by an asterisk (*).

The Department's review of all applications begins with a determination of completeness. If an application package is incomplete, the Department will correspond with the applicant and request submission of corrected and/or previously omitted documents. The Department's 130-day goal for review and decision of permit applications will not begin until a complete application has been received. See Section 105.13 of the DEP's Chapter 105 Rules and Regulations for specific requirements. Additional guidance for the required checklist items is as follows:

III. COMPLETING THE JOINT PERMIT APPLICATION FORM

CHECKLIST ITEMS:

- a. **General Information Form (GIF):** Complete and attach to each copy of the application package, the "PERMIT APPLICATION - GENERAL INFORMATION" form. Additional instructions for completing this form are provided at the front of the application package. **Permit application properly signed, sealed and witnessed:** See detailed instructions contained in **Section I** of the permit application.
- b. **Application Fee enclosed (see Section G):** Please attach the check made payable to "Commonwealth of Pennsylvania" to the front of the application package.
- c. **Copies and proof of receipt - Acts 14/67/68/127 notification:** Act 14 Municipal and County Notification requires that the Department wait 30 days from the date of project notification to both the local and county governments before issuing its permit(s). DEP must receive a copy of the Act 14 notification letters to each affected municipality and **proof** that each municipality received the notification. DEP is specifically inviting the local municipality and the county to submit comments to DEP related to comprehensive plans and zoning ordinances under Acts 67 and 68. Act 14 notices must be amended to include specific language as outlined on the sample notification letter (see Appendix VII).
- d. **Cultural Resource Notice:** Complete and attach to each copy of the application package, completed form "**CULTURAL RESOURCE NOTICE**" for the determination of historic/archaeological sites. Additional instructions for completing this notice is provided with the form.
- e. **Pennsylvania Natural Diversity Inventory (PNDI) Search Receipt:** The PNDI Search Receipt indicating that potential conflicts have been resolved with appropriate resource agencies. Include this receipt and natural resource agency(ies) written recommendations with your Chapter 105 environmental assessment or permit application submission. A copy of this information must be attached to each copy of the application submission.
- f. **Plans:** The applicant must prepare a site plan, cross-sectional drawings and any other drawings as needed to clearly illustrate, in graphic form, the specific construction details and potential hydraulic impacts of the proposed project. These plans must be submitted on size 8 ½" x 11" paper or on larger sized paper provided each sheet is individually folded to 8 ½" x 11" size. Any plans received in rolls or that have not been folded to the proper size will be discarded and will be sufficient cause to consider the application incomplete. All drawings shall contain a title block at the lower right corner of the sheet. The title block shall contain the project name, name of the applicant, name of the plan PREPARER (if different then the applicant) and the date the plan was prepared.
 - (1) **Site Plan:** A site plan must be included in the application which provides a complete plan view of the proposed structure or activity and those adjoining upstream and downstream areas where potential and/or actual hydraulic or environmental impacts will occur (see Sample Site Plans). Specific requirements are as follows:
 - (a) Plans shall clearly show existing and proposed limits for all regulated waters of this Commonwealth (edges of streams, rivers, lakes, swamps, bogs, marshes, wetlands, ponds or reservoirs) and the limits of their floodplains. When the proposed worksite is located within a detailed Federal Emergency Management Agency (FEMA) flood insurance study area, the existing and proposed FEMA 100-year frequency **floodway** limits must be shown on the site plan. When the project involves impacts to wetlands, the wetland boundaries must be delineated in accordance with the Department's Wetland Delineation Policy (see Environmental Assessment Form).

III. COMPLETING THE JOINT PERMIT APPLICATION FORM

- (b) Plans must be drawn to a scale of 1 inch equals 200 feet or larger and show all proposed structures or activities and all existing roads, utility lines, lots (show property lines and names of adjoining property owners), buildings and other man-made structures in the area of the proposed project. Natural features such as contours, surface drainage patterns and other prominent topographic features should be illustrated. A north arrow must be placed on the site plan.
- (c) When required under subsection 105.13(i) of the Department's regulations, the plans must be affixed with a registered professional engineer's seal and certification.

- (2) **Cross Sectional Drawings:** A cross sectional drawing of existing and proposed conditions at the project site must be included on the site plan or on a separate plan (see Sample Plans in Appendix IV). If the proposed project causes changes in upstream or downstream flood water surface elevations, cross sectional drawings are required for the channel and floodway conditions in these areas. All cross sections must show existing and proposed design discharge water surface elevations and the 100-year frequency flood water surface elevation.
- (3) **Profiles:** Certain regulated activities require that a plan profile drawing be prepared. Profiles require that the streambed, normal water surface and flood water surfaces be plotted (see Figure III-2). This requirement is listed under (and must be completed for) the following subsections:

105.151 - Culverts and Bridges

105.191 - Stream Enclosures

105.231 - Channel Changes and Dredging

105.261 - Fills, Levees, Floodwalls and Streambank Retaining Devices

- g. **Location map:** Provide an 8 ½" x 11" copy of a 7.5 minute U.S.G.S. quad map with map name.
- h. **Project description narrative:** Provide a detailed description of the project including structure type(s), amounts of excavation/fill and what purpose the activity will serve. For example: **The project will consist of placing a 48-inch CM pipe culvert in Pine Creek with 2 feet of rock fill overtop to provide vehicle access to our new home. There is no other existing access to this site.** The narrative must also describe in detail what effects the project will have on public health, safety and the environment. The narrative must contain a statement on why the project must be built in, along, across or over a watercourse, floodway or body of water. Is there an alternative to the proposed project that would not require such impacts?
- i. **Color photographs with map showing location taken:** Provide color photographs of the proposed site that accurately depict the project area and areas of proposed impact. In addition, provide a relative scale of the project to the surrounding area and a map showing the location and orientation of each photograph. The number of photographs needed to meet this requirement will vary with the size and/or length of proposed work. For singular or small worksites such as a bridge project, two photographs taken at the site, one looking upstream and one looking downstream, may be all that is required if the adjoining channel reaches and overbank areas are not obscured by trees, brush or similar visual impediments. In such cases, additional photos will be needed looking upstream and downstream to the bridge site. Also, more photos may be required in overbank areas to show the relative location, elevation and condition of nearby buildings and the area that the bridge approach roadways will occupy. For extensive projects such as channel realignment or

III. COMPLETING THE JOINT PERMIT APPLICATION FORM

restoration projects, photos looking upstream and downstream should be taken at regular intervals along the proposed workreach. Again, the interval of these photo reference sites will be dictated by the degree of visual impediments existing along the proposed workreach.

Three sets of color photographs (one set for each permit application package) are required and they should be mounted in transparent photo holders or glued/taped to a 8 ½" x 11" piece of cardboard. The photo reference number, in ink, should be placed on the lower left corner of each photo along with the date the photo was taken. To the photograph sheet(s) attach a copy of the general site plan and mark the site of each photo (number) on the map (See Sample Photo Reference Map in Appendix III). From the photo site, draw a short arrow in the direction that the photo was taken.

- j. **Environmental Assessment form:** An incomplete Environmental Assessment form will result in the entire application being considered **INCOMPLETE**. Please refer to "Environmental Assessment Form (E.A. Form) Instructions."

STOP IF YOU ARE APPLYING FOR A SMALL PROJECTS PERMIT. YOU HAVE COMPLETED ALL THE NECESSARY REQUIREMENTS FOR ATTACHMENTS TO THE APPLICATION PACKAGE UPON REACHING SECTION F, ITEM j. GO TO SECTION G AND COMPLETE THE REST OF THE APPLICATION.

IF YOU ARE APPLYING FOR A STANDARD PERMIT, CONTINUE ON TO COMPLETE SECTION F, ITEMS k. THROUGH r. AND THEN THE REST OF THE APPLICATION.

- k. **Erosion and Sediment Control Plan and approval letter:** Attach copies of a letter of plan approval from the appropriate county conservation district and copies of the actual Erosion and Sediment Control Plan that was approved.
- l. **Hydrologic and hydraulic analysis:** This analysis should be prepared as a separate report and contain the seal and certification statement of the licensed Professional Engineer who prepared the report, when appropriate. The following is a **suggested** format to be used in the preparation of a **HYDROLOGY AND HYDRAULICS** (H & H) Report. Under each section title, a discussion is presented on what information is required and where to secure that information.
 - (1) **SITE HISTORY AND CONDITIONS:** List all historical flood data that can be secured for this site or structure including existing conditions and problems. Typical items to be addressed include:
 - (a) Flood records. This can be flood records secured from nearby U.S.G.S. gaging stations, municipal flood records or eyewitness accounts by area residents. Flood events must be presented as either a discharge rate, such as cubic feet/second or as a high water mark indexed to local elevations or referenced to a point on a local permanent structure. All flood events must be dated. If known, list past flood damages to homes or other structures in the project area.
 - (b) Site Conditions. State what flooding problems exist at this site (if any) that will be corrected by the proposed project. Note any adverse influences on site conditions caused by nearby structures such as bridges, culverts, fills, etc.
 - (2) **HYDROLOGY:** The objective of this part of the report is to list, or show the calculations performed to determine the design and 100-year frequency flood discharges for the proposed worksite. If the site is located within the limits of a detailed Federal Emergency Management Agency (FEMA) flood insurance study, contact the local municipality to find the 100-year and

III. COMPLETING THE JOINT PERMIT APPLICATION FORM

other frequency flood discharges. No other listed or computed flood discharges will be accepted for sites located within a FEMA detailed flood study area.

In the absence of any flood records, studies or other published flood records, the design and 100-year frequency flood discharges must be determined through the use of currently accepted methods for determining rainfall and runoff amounts.

(a) **RAINFALL DETERMINATIONS - The Department recommends use of the following to determine rainfall amounts or intensities.**

- (i) **Rainfall Duration Frequency Tables for Pennsylvania** - This DEP publication may be obtained by sending a request to:

DEP - Bureau of Watershed Management
Division of Water Use Planning
10th Floor, Rachel Carson State Office Building
P.O. Box 8555
Harrisburg, PA 17105-8555

- (ii) **SCS TR-55, Urban Hydrology for Small Watersheds** - Copies of SCS's TR-55 may be obtained by contacting:

National Technical Information Service
5285 Port Royal Road
Springfield, VA 22161
Telephone (703) 487-4650

Publication Number: NTIS # PB87-101580/AS

- (iii) **Weather Bureau Technical Paper 40, U.S. Department of Commerce, Hershfield, D.M.** - This publication is no longer in print although past copies are still in wide use by engineering consultants. It is the basis for the rainfall maps included in TR-55.

(b) **RUNOFF CALCULATIONS - The Department recommends the use of the following methods to determine design and 100-year frequency flood discharges:**

- (i) **Rational:** This method is widely discussed and explained in engineering/hydrology texts. We recommend reference to the discussion and use of the worksheets contained in the Department's **Erosion and Sediment Pollution Control Program Manual**. This manual can be obtained by contacting:

DEP - Bureau of Watershed Management
Division of Waterways, Wetlands and Stormwater Management
10th Floor, Rachel Carson State Office Building
P.O. Box 8775
Harrisburg, PA 17105-8775
Telephone (717) 787-6827

- (ii) **SCS TR-55, Urban Hydrology for Small Watersheds:** See previous reference under Rainfall Determinations, Part ii. for where to obtain copies.

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(iii) Procedure PSU-IV for Estimating Design Flood Peaks on Ungaged Pennsylvania Watersheds (manual and computerized versions).

(iv) Other Methods and Computer Models: The use of other hydrology methods including computer programs will be accepted on a case by case basis. All submissions must be clear and adequately illustrated with factors, coefficients and other components clearly referenced. Input data and results from computer models must be summarized or listed for review.

NOTE: Usual practice is to use two separate methods to compute and compare site hydrology.

(3) **HYDRAULIC ANALYSIS:** This part of the report must clearly demonstrate the difference in hydraulic capacity, stability and flood water surface elevations between existing and proposed conditions. For example, if the proposed project is to consist of enlarging a 500-foot reach of channel for flood control, the capacity of both the existing channel section and proposed channel section must be computed. This will also produce flow velocities from which channel stability may be reviewed. Finally, the design and 100-year frequency flood water surface elevations may be plotted. The amount of increase in flood water surface elevations allowed under the Chapter 105 Rules and Regulations varies with the type of structure/activity and its location.

The Department recommends the following computational methods or programs be used for hydraulic analysis:

- (a) Mannings Equation - Used to determine the capacity of, and flow velocity within, open channel sections. Refer to the Department's Erosion and Sediment Pollution Control Program Manual for details on how to use Mannings Equation.
- (b) Hydraulic Design of Highway Culverts, HDS No. 5, U.S. Department of Transportation, FHA. This publication is used to determine the capacity of, and water surface elevations for flow through culverts and some small bridges. There is also a computer version titled HY-8. This publication may be obtained by contacting:

National Technical Information Service
5285 Port Royal Road
Springfield, VA 22161
Telephone (703) 487-4650

Publication Number: NTIS # PB86-196961/AS

- (c) HEC-2 Water Surface Profiles, U.S. Army Corps of Engineers. This is a computer program used for backwater analysis of existing and proposed channel conditions. This, or a similarly detailed backwater analysis, is required to establish the changes (if any) in flood water surface elevations caused by the proposed project. This program may be obtained through the Corps or from various commercial software retailers.
- (d) HEC-RAS River Analysis System. This is a computer program which allows the user to perform one-dimensional steady flow, unsteady flow, and sediment transport calculations. Information on this program can be obtained from:

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U.S. Army Corps of Engineers
Hydrologic Engineering Center
609 Second Street
Davis, CA 95616
Telephone (916) 756-1104

The Chapter 105 Rules and Regulations contain specific permit application information requirements (in addition to those in Section 105.13) and design, construction, operational and/or maintenance approval criteria under the following Subchapters:

Subchapter C. Culverts and Bridges

Subchapter D. Stream Enclosures

Subchapter E. Channel Changes and Dredging for Facility Construction and Maintenance

Subchapter F. Fills, Levees, Floodwalls and Streambank Retaining Devices

Subchapter G. Stream Crossings, Outfalls and Headwalls

Subchapter H. Docks, Wharves and Bulkheads

Subchapter I. Commercial Dredging

Subchapter J. Discharges of Dredged or Fill Material

The applicant must demonstrate in the H & H report that all appropriate Subchapter requirements have been met. An outline for a suggested Hydrology and Hydraulics Report is listed in Appendix V.

- m. Stormwater Management Analysis w/consistency letter:** Water obstructions and encroachments requiring DEP permits are often additionally regulated under local municipal stormwater control ordinances adopted under the Stormwater Management Act (32 P.S. §§ 680.1-680.17). If such an ordinance exists, an analysis of the proposed project's impact on the Stormwater Management Plan must be undertaken and reviewed by the local municipality. The analysis and a letter of review from the municipality must be included in the application package.
- n. Floodplain Management Analysis w/consistency letter:** If the proposed water obstruction or encroachment is located within a floodway delineated on a FEMA map, an analysis of the project's impact on the floodway delineation and water surface profiles may be required. The analysis and a letter of review from the municipality must be included in the application package.
- o. Risk Assessment:** If the stormwater and/or the floodplain management analysis conducted under items l or m indicate increases in peak runoff rates or flood elevations, include as a separate document, a description of property and land uses which may be affected and an analysis of the degree of increased risk to life, property and the environment.
- p. Professional engineer's seal and certification:** If the proposed water obstruction or encroachment poses a threat to human life or substantial potential risk to property, the plans, specifications and reports accompanying such applications shall be affixed with the seal of a registered professional engineer and a certification, signed by the registered professional engineer, which shall read as follows:

III. COMPLETING THE JOINT PERMIT APPLICATION FORM

"I (name) do hereby certify pursuant to the penalties of 18 Pa. C.S.A., Section 4904 to the best of my knowledge, information and belief, that the information contained in the accompanying plans, specifications and reports has been prepared in accordance with accepted engineering practice, is true and correct, and is in conformance with Chapter 105 of the rules and regulations of the Department of Environmental Protection."

- q. **Alternatives Analysis:** As a separate document, an analysis must be performed detailing practicable alternatives to the proposed activities, including alternative locations, routings, designs, etc., to avoid or minimize adverse environmental impacts.
- r. **Mitigation plan:** The mitigation plan must be a separate document which describes how project planning employed mitigation concepts as defined in DEP's Chapter 105 Rules and Regulations. If these impacts cannot be eliminated, then the mitigation plan must include details and plans for replacing the impacted environment. The specific replacement resources or environments must be itemized and construction, operation and maintenance activities must be detailed in the plan. As defined under Section 105.1 of DEP's Chapter 105 Rules and Regulations, **Mitigation** is:
 - (i) **An action undertaken to accomplish one or more of the following:**
 - (A) **Avoid and minimize impacts by limiting the degree or magnitude of the action and its implementation.**
 - (B) **Rectify the impact by repairing, rehabilitating or restoring the impacted environment.**
 - (C) **Reduce or eliminate the impact over time by preservation and maintenance operations during the life of the action.**
 - (ii) **If the impact cannot be eliminated by following clauses (A)-(C), compensate for the impact by replacing the environment impacted by the project or by providing substitute resources or environments.**

SECTION G - DETERMINATION OF APPLICATION FEES:

Specific types of water obstructions and encroachments and their corresponding permit fees are shown on the "**DETERMINATION OF APPLICATION FEES**" chart. If the proposed activity does not readily fit into any of the types listed, reference should be made to the definitions for projects which consist of "**water obstruction**", "**encroachment**", "**stream enclosure**", "**fill**" and "**levee**" in Section 105.1 of the Chapter 105 Rules and Regulations. Reference should also be made to the definition for Small Projects. Projects involving stream enclosures, commercial dredging and peat extraction must always be submitted under the Standard Joint Permit Application and the fees listed paid.

The "Number of Units" column shall be used to indicate the total number of each type of water obstruction or encroachment being applied for. For example, if two bridges are to be constructed, enter the number 2 in the "Units" column and \$400.00 in the "Subtotal Amount" column. Do not include as separate units, those appurtenant or supplementary activities. For example, if a bridge is to be built and includes channel change work in the immediate area of the bridge, there will be no separate fee charge under "channel changes" for this work. However, if the proposed channel change work is to be located

III. COMPLETING THE JOINT PERMIT APPLICATION FORM

an extended distance upstream or downstream from the bridge site, then a separate fee charge would apply.

There will be a single fee of \$100.00 for Small Projects applications regardless of the number of water obstructions or encroachments included in the application.

The determination of application fees is for the DEP permit only. Upon receipt of a copy of the application package, the U.S. Army Corps of Engineers will determine if any federal permit application fees apply. If fees are required, the applicant will be so advised.

SECTION H - ADJOINING PROPERTY OWNERS: List the name and address of all property owners whose properties adjoin the project site property.

SECTION I - CERTIFICATION AND SIGNATURE: Please read instructions on form.

APPENDIX I PERMIT WAIVERS

"§ 105.12. Waiver of permit requirements.

- (a) Under section 7 of the act (32 P.S. § 693.7), the requirements for a permit are waived for the following structures or activities, regardless of when commenced. If the Department upon complaint or investigation finds that a structure or activity which is eligible for a waiver, has a significant effect upon safety or the protection of life, health, property or the environment, the Department may require the owner of the structure to apply for and obtain a permit under this chapter.
- (1) A dam not exceeding 3 feet in height in a stream not exceeding 50 feet in width, except wild trout streams designated by the Fish Commission.
 - (2) A water obstruction in a stream or floodway with a drainage area of 100 acres or less. This waiver does not apply to wetlands located in the floodway.
 - (3) An aerial crossing of a non-navigable stream or wetland by electric, telephone or communication lines which are not located in a Federal wilderness area or watercourse or body of water designated as a wild or scenic river under the Wild and Scenic Rivers Act of 1968 (16 U.S.C.A. §§ 1271-1287) or the Pennsylvania Scenic Rivers Act (32 P.S. §§ 820.21-820.29). This waiver applies to one or more wires attached aboveground to single poles. This does not apply to the maintenance and construction of towers, roads or other water obstructions or encroachments.
 - (4) A dam subject to the requirements of the Mine Safety and Health Administration, 30 CFR 77.216-1 and 77.216-2 (relating to water, sediment or slurry impoundments and impounding structures; identification; and water, sediment, or slurry impoundments or impounding structures; minimum plan requirements; changes or modifications; certification), if the Department determines on the basis of preliminary data submitted by the applicant that the dam is of a Size Classification C and Hazard Potential Classification 3 as defined in § 105.91 (relating to classification of dams and reservoirs) and is not located in a watercourse or body of water designated as a wild and scenic river under the Wild and Scenic Rivers Act of 1968 or the Pennsylvania Scenic Rivers Act.
 - (5) A water obstruction or encroachment located in, along, across or projecting into a wetland or impoundment, constructed and maintained for the purpose of treating acid mine drainage, sewage or other waste, if the wetland or impoundment is a treatment facility constructed under a valid permit issued by the Department under the Surface Mining Conservation and Reclamation Act (52 P.S. §§ 1396.1-1396.31), The Clean Streams Law (35 P.S. §§ 691.1-691.1001), the Noncoal Surface Mining Conservation and Reclamation Act (52 P.S. §§ 3301-3326), the Solid Waste Management Act (35 P.S. §§6018.101-6018.1003), the Oil and Gas Act (58 P.S. §§601.101-601.605) and the Pennsylvania Sewage Facilities Act (35 P.S. §§750.1-750.20).
 - (6) A water obstruction or encroachment located in, along, across or projecting into a stormwater management facility or an erosion and sedimentation pollution control facility which meets the requirements in Chapter 102 (relating to erosion control), if the facility was constructed and continues to be maintained for the designated purpose.

**APPENDIX I
PERMIT WAIVERS**

- (7) Maintenance of field drainage systems that were constructed and continue to be used for crop production. Crop production includes:**

 - (i) Plowing, cultivating, seeding, grazing or harvesting.**
 - (ii) Crop rotation.**
 - (iii) Government set aside programs.**
- (8) Plowing, cultivating, seeding or harvesting for crop production.**
- (9) Construction and maintenance of ford crossings of streams for individual private personal use which require only grading of banks for approach roads and the placement of not more than 12 inches of gravel for roadway stability. Fords may not be used for commercial purposes and shall cross the regulated waters of this Commonwealth in the most direct manner. This waiver does not apply in exceptional value streams as listed under Chapter 93 (relating to water quality standards) or in wild trout streams.**
- (10) A navigational aid or marker, buoy, float, ramp or other device or structure for which a permit has been issued by the Fish Commission under 30 Pa. C.S. § 5123(a)(7) (relating to general boating regulations).**
- (11) The removal of abandoned dams, water obstructions and encroachments if the Department determines in writing on the basis of data, information or plans submitted by the applicant that the removal of the abandoned dam, water obstruction or encroachment cannot imperil life or property, have significant effect on coastal resources or have an adverse impact on the environment, and the plans provide for restoration and stabilization of the project area.**
- (12) The construction, operation or removal of staff gages, water recording devices, water quality testing devices, including, but not limited to, sensors, intake tubes, weirs and small buildings which contain required instruments and similar scientific structures.**
- (13) A bridge or culvert purchased from an operating railroad company subsequent to the abandonment of the railroad line, track, spur or branch pursuant to the approval of the Interstate Commerce Commission. Major maintenance or reconstruction, or stream dredging may not be undertaken until the new owner obtains a permit under this chapter.**
- (14) The maintenance of an artificial pond or reservoir to its original storage capacity where:**

 - (i) The contributory drainage area is less than or equal to 100 acres.**
 - (ii) The greatest depth of water at maximum storage elevation is less than or equal to 15 feet.**
 - (iii) The impounding capacity at maximum storage elevation is less than or equal to 50 acre feet.**
- (15) The construction and maintenance of an encroachment or water obstruction on an abandoned mining site, where the Department has issued a notice of intent to forfeit the bond for a mining activity permitted after July 1982.**

**APPENDIX I
PERMIT WAIVERS**

- (16) Restoration activities undertaken and conducted pursuant to a restoration plan which has been approved, in writing, by the Department.
- (b) The requirements for a permit for existing structures or activities, as provided in section 6(c) of the act (32 P.S. § 693.6(c)), are waived for the following structures or activities, if construction was completed prior to July 1, 1979. If the Department upon complaint or investigation finds that a structure or activity which is eligible for a waiver, has a significant effect upon safety or the protection of life, health, property or the environment, the Department may require the owner of the structure or activity to apply for and obtain a permit under this chapter.
- (1) A dam not exceeding 5 feet in height in a nonnavigable stream operated and maintained for water supply purposes.
 - (2) A dam which the Department determines, on the basis of preliminary data submitted by the applicant, is of Size Classification C and Hazard Potential Classification 3, as defined in § 105.91 and does not have a significant effect on coastal resources or an adverse impact on the environment.
 - (3) A fill not located on navigable lakes and navigable rivers.
 - (4) A streambank retaining device.
 - (5) A stream crossing other than a crossing located on submerged lands of this Commonwealth and a crossing by pipelines for conveyance of petroleum products and gas.
 - (6) An outfall, headwall or water intake structure.
 - (7) A culvert, bridge or stream enclosure on a watercourse where the drainage area above the culvert, bridge or stream enclosure is 5 square miles or less.
- (c) Structures and activities shall meet the construction, operation, maintenance, monitoring and other requirements of this chapter. No other permits which may be required under a law other than the act are waived by this section."

Note: Fish Commission references are now Fish and Boat Commission.

APPENDIX II GENERAL PERMITS

BDWW-GP-1 FISH HABITAT ENHANCEMENT STRUCTURES

Used for the installation, operation and maintenance of fish habitat enhancement structures in the regulated waters of this Commonwealth.

BDWW-GP-2 SMALL DOCKS AND BOAT LAUNCHING RAMPS

Used for the installation, operation, modification and maintenance of small docks and boat launching ramps in and along the regulated waters of this Commonwealth.

BDWW-GP-3 BANK REHABILITATION, BANK PROTECTION AND GRAVEL BAR REMOVAL

Used for 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.

BDWM-GP-4 INTAKE AND OUTFALL STRUCTURES

Used for the construction, operation and maintenance of intake and outfall structures in, along, across or projecting into the regulated waters of this Commonwealth.

BDWM-GP-5 UTILITY LINE STREAM CROSSINGS

Used for the installation, operation and maintenance of utility line stream crossings of the regulated waters of this Commonwealth.

BDWM-GP-6 AGRICULTURAL CROSSINGS AND RAMPS

Used for the installation, operation and maintenance of agricultural crossings and ramps in the regulated waters of this Commonwealth.

BDWM-GP-7 MINOR ROAD CROSSINGS

Used for: (1) the construction, operation and maintenance of a minor road crossing across wetlands which disturbs less than 0.1 acre of wetlands; (2) the construction, operation and maintenance of a minor road crossing across a stream where the watershed drainage is 1.0 square mile or less; and (3) the removal of an existing minor road crossing across a stream where the drainage area is 1.0 square mile or less.

BDWM-GP-8 TEMPORARY ROAD CROSSINGS

Used for the construction, operation and maintenance of temporary road crossings of the regulated waters of this Commonwealth.

BDWM-GP-9 AGRICULTURAL ACTIVITIES

Used for the installation, operation, modification and maintenance of certain agricultural activities that encroach into streams and their floodways or bodies of water wholly or partially within or forming part of the boundary of this Commonwealth. Such approved activities include grassed or lined waterways, terraces, diversions, waste storage facilities, spring development and minor drainage that supports these activities and is necessary for contour strips when engaged in as a part of an existing agricultural

APPENDIX II GENERAL PERMITS

operation and shall only be implemented as part of a conservation plan consistent with the 25 PA Code, Chapter 102 Regulations and approved by the county conservation district.

BDWW-GP-10 ABANDONED MINE RECLAMATION

Used for the construction, operation or maintenance of an encroachment or water obstruction for reclamation of an abandoned mining site, where the Department has issued a notice of intent to forfeit the bond for a mining activity permitted after August 1977 and before July 1982.

BWM-GP-11: MAINTENANCE, TESTING, REPAIR, REHABILITATION, OR REPLACEMENT OF WATER OBSTRUCTIONS AND ENCROACHMENTS

Authorizes the maintenance, testing, repair, rehabilitation and replacement of existing water obstructions and encroachments including currently serviceable bridges, culverts, utility lines, and docks. The applicant will be required to register the project by submitting written notice and all applicable information to the department.

BWQP-GP-15 PRIVATE RESIDENTIAL CONSTRUCTION IN WETLANDS

Used for the placement and maintenance of fill in, or the excavation of, non-tidal wetlands for the construction or expansion of a single family home for the personal residence of the permittee, including reasonable and necessary features such as a driveway, storage shed and utilities on a residential lot purchased by the permittee prior to November 22, 1991, within established subdivisions approved by the local governing authority where such activities do not impact greater than 0.50 acre of non-tidal wetlands.

**APPENDIX III
SAMPLE OF COMPLETED APPLICATION FORM**

3930-PM-WM0036A Rev. 10/2005



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
and
DEPARTMENT OF ARMY CORPS OF ENGINEERS
(Baltimore, Philadelphia, and Pittsburgh Districts)

Coordination # _____

**JOINT APPLICATION FOR
PENNSYLVANIA WATER OBSTRUCTION AND ENCROACHMENT PERMIT AND
U.S. ARMY CORPS OF ENGINEERS SECTION 404 PERMIT**

**Before completing this form, please read the step-by-step instructions
and Section F Application Completeness Checklist provided with this Joint Permit package.**

AGENCY USE ONLY		
Application ID # (Assigned by DEP) _____	RECEIVED DATE _____	CHECK NO. _____
Program Application No. _____	REQUIRED APP. FEE _____	AMOUNT \$ _____

SECTION A. APPLICATION TYPE: STANDARD SMALL PROJECTS

SECTION B. APPLICANT IDENTIFIER

Applicant Name
John E. Doe

SECTION C. PROJECT LOCATION DATA

Name of stream and/or body of water.
Spruce Creek

Corps District where project will occur.
 Baltimore Philadelphia Pittsburgh

Name of the U.S.G.S. 7 1/2 Minute Quadrangle Map where project is located: *Tioga, PA*

Indicate location of project on this map by measuring (in inches) from the lower right corner:
North (up) *7.5* inches; West (to the left) *10.0* inches; Latitude *41°53'*; Longitude *77°7'*

Project type, purpose and need: *A bridge to provide access from SR5912 across Spruce Creek to my new home.*

SECTION D. PROJECT STATUS

HAS ANY PORTION OF PROPOSED PROJECT BEEN COMPLETED? yes no _____ date completed
If yes, attach description of those portions of the project that have been completed and identify dates of completion.

SECTION E. OTHER APPROVALS

LIST APPROVALS, CERTIFICATIONS, DENIALS OR NOTICES OF VIOLATION RECEIVED FROM FEDERAL, INTERSTATE, STATE OR LOCAL AGENCIES FOR STRUCTURES, CONSTRUCTION, DISCHARGES OR OTHER ACTIVITIES DESCRIBED IN THIS APPLICATION.

_____ *PennDOT Highway Occupancy Permit*

_____ *Tioga Township Building Permit*

**APPENDIX III
SAMPLE OF COMPLETED APPLICATION FORM**

3930-PM-WM0036A Rev. 10/2005

SECTION F. APPLICATION COMPLETENESS CHECKLIST

(Applicant must place an entry - Y = yes, N = No, N/A = Not Applicable - in each left side column space. See Section 105.13 for additional details. If you are applying under the Small Projects Application format, place an entry in only those comments prefixed by an asterisk (*).

REQUIREMENT	Applicant Entry	DEP Use Only
a. GIF and permit application properly signed, sealed and witnessed	* Y	
b. Application Fee enclosed (see Section G.)	* Y	
c. Copies and proof of receipt - Act 14 notification - Acts 67/68/127	* Y	
d. Cultural Resource Notice - Copy and Proof of Receipt	* Y	
e. Completed and approved Pennsylvania Natural Diversity Inventory Form (PNDI search)	* Y	
f. Plans (site plan including cross sections and profiles for Subsections 151, 191, 231, 261)	* Y	
g. Location map	* Y	
h. Project description narrative	* Y	
i. Color photographs with map showing location taken	* Y	
j. Environmental Assessment form	* Y	
k. Erosion and Sediment Control Plan and approval letter	Y	
l. Hydrologic and hydraulic analysis	Y	
m. Stormwater Management Analysis w/consistency letter	N/A	
n. Floodplain Management Analysis w/consistency letter	Y	
o. Risk Assessment	N/A	
p. Professional engineer's seal and certification	Y	
q. Alternative analysis	Y	
r. Mitigation plan	NA	

SECTION G. DETERMINATION OF APPLICATION FEES (DEP FEES ONLY)

Types of Water Obstructions and Encroachments	Number of Units	Fee Per Unit	Subtotal Amount
Stream enclosures		\$ 350.00	\$
Channel changes		\$ 300.00	\$
Commercial dredging		\$ 300.00	\$
Peat extraction		\$ 750.00	\$
Fills, levees, floodwalls		\$ 350.00	\$
Bridges and other water obstructions and encroachments	1	\$ 200.00	\$ 200.00
Small projects (\$100 fee regardless of number of units)		\$ 100.00	\$
Qualifies for General Permit (fee waived)		\$0.00	N/A

Make Check Payable to: Commonwealth of Pennsylvania

TOTAL FEE

\$ 200.00

List each type and number of water obstructions and encroachments that are included in this application and indicate subtotal and total fee amounts.

FAILURE TO PROVIDE ALL OF THE REQUESTED INFORMATION WILL DELAY THE PROCESSING OF THE APPLICATION AND MAY RESULT IN THE APPLICATION BEING PLACED ON HOLD WITH NO ACTION, OR IT MAY BE CONSIDERED WITHDRAWN AND THE FILE CLOSED.

**APPENDIX III
SAMPLE OF COMPLETED APPLICATION FORM**

3930-PM-WM0036A Rev. 10/2005

SECTION H. ADJOINING PROPERTY OWNERS

Please list the name and address of all property owners whose land adjoins the project property.

<u>NAME</u>	<u>ADDRESS</u>
<i>Sam E. Jones</i>	<i>12 Hemlock Drive, Tioga, PA</i>
<i>Tom T. Thompson</i>	<i>14 Hemlock Drive, Tioga, PA</i>

SECTION I. CERTIFICATION AND SIGNATURE

If Privately Owned, all owners (such as husband and wife) must sign. One or more members authorized to sign on behalf of an entire partnership must sign. For a Corporation, the president, vice president or other responsible official is required to sign. For Political Subdivision, signatures of the chief officer or other responsible official empowered to sign is required with the seal affixed and attested by the clerk. For Commonwealth departments, boards, commissions, receivers, trustees and authorities, a department head, bureau director, executive director, chairman, commissioner or other responsible official is required to sign. Signatures other than above must be accompanied by a power of attorney or other notarized legal documentation indicating authorization to sign on behalf of the applicant.

Application is hereby made for a permit to authorize the activities described herein. I certify I am familiar with the information contained in this application, and to the best of my knowledge and belief, such information is true, complete and accurate. I further certify I possess the authority to undertake the proposed activities.

I certify that the project proposed in this application complies with and will be conducted in a manner that is consistent with the approved Coastal Zone Management program of the Commonwealth of Pennsylvania. (Only portions of Erie, Bucks, Philadelphia and Delaware Counties are in the Coastal Zone).

I grant permission to the agencies responsible for authorization of this work, or their duly authorized representative, to enter the project site for inspection purposes during working hours. I will abide by the conditions of the permit or license if issued and will not begin work without the appropriate authorization.

By: John E. Doe
(PRINT NAME)

John E. Doe 1/1/94
(SIGNATURE) (DATE)

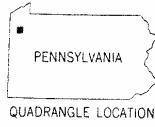
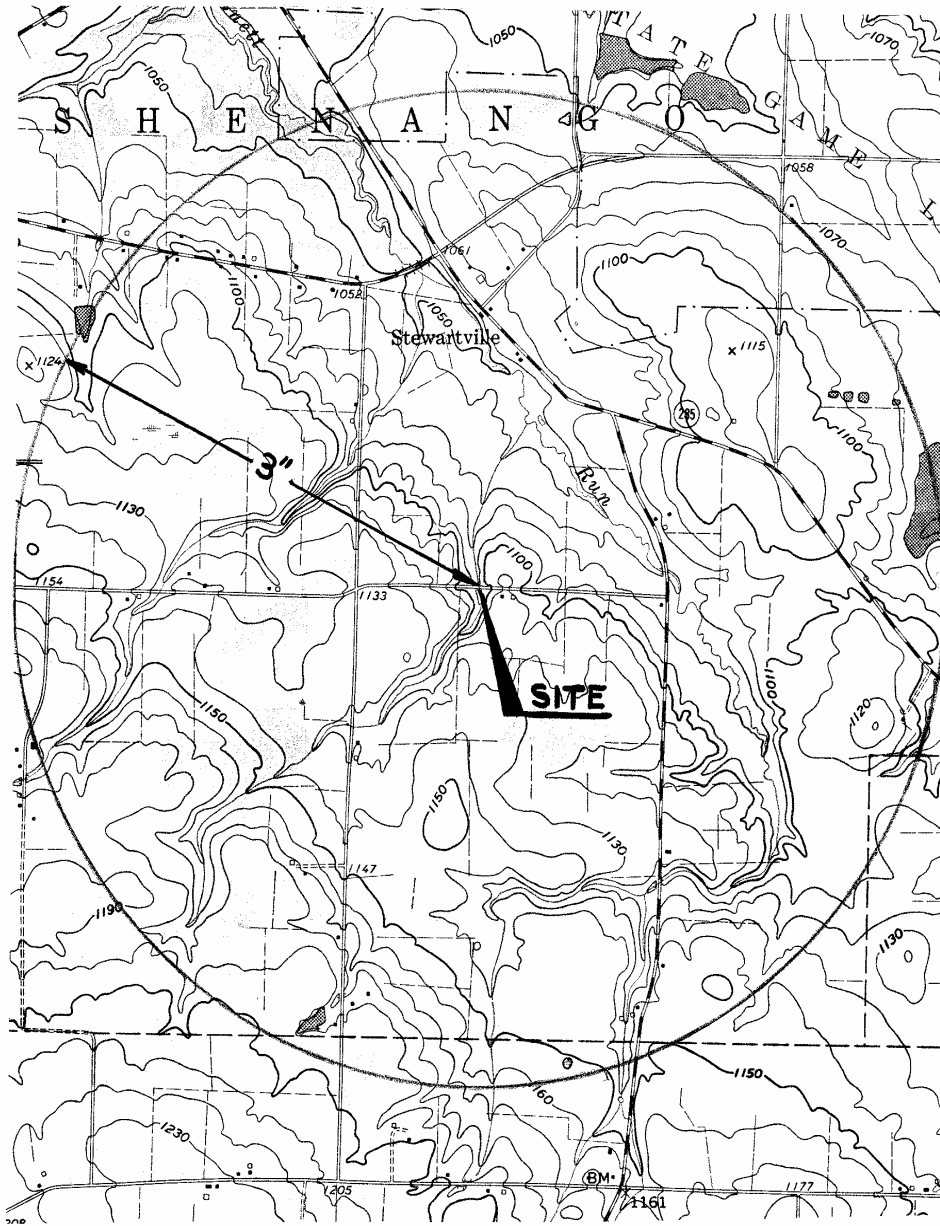
SEAL

Owner
(TITLE)

WITNESS: Sara Smith

**APPENDIX III
SAMPLE OF COMPLETED APPLICATION FORM**

**FIGURE III-1:
SAMPLE LOCATION MAP
(U.S.G.S. 7.5 Min. QUADRANGLE MAP PHOTOCOPY)**



DENOTE QUAD. NAME

HARTSTOWN, PA.

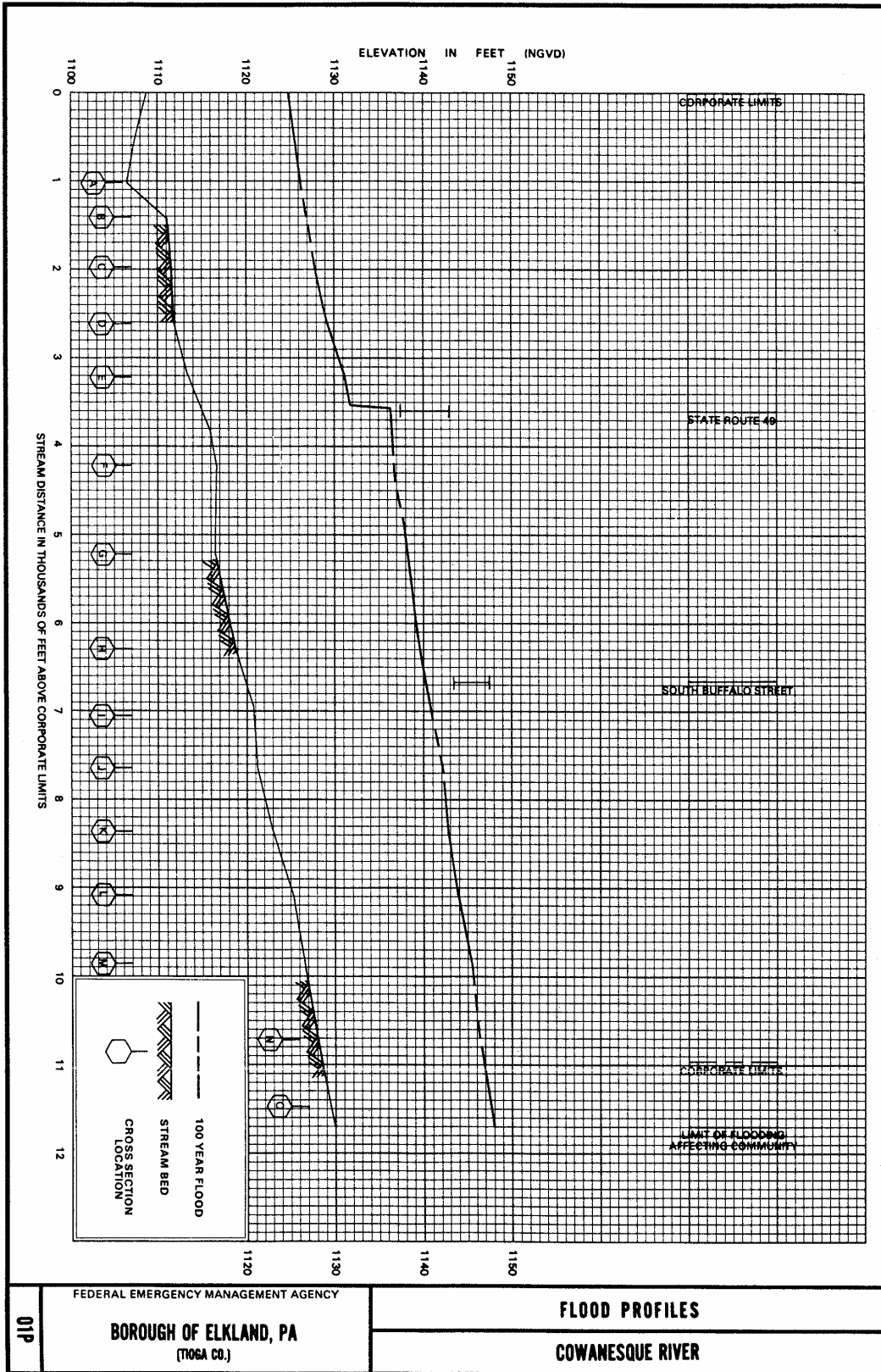
N 4130-W 8022.5/7.5

1959
PHOTOREVISED 1970
AMS 4967 III SW--SERIES V831

Revisions shown in purple compiled in cooperation with State of Pennsylvania agencies from aerial photographs taken 1970. This information not field checked

APPENDIX III SAMPLE OF COMPLETED APPLICATION FORM

FIGURE III-2 (PROFILE DRAWING)



APPENDIX III
SAMPLE OF COMPLETED APPLICATION FORM

SAMPLE PHOTO REFERENCE MAP

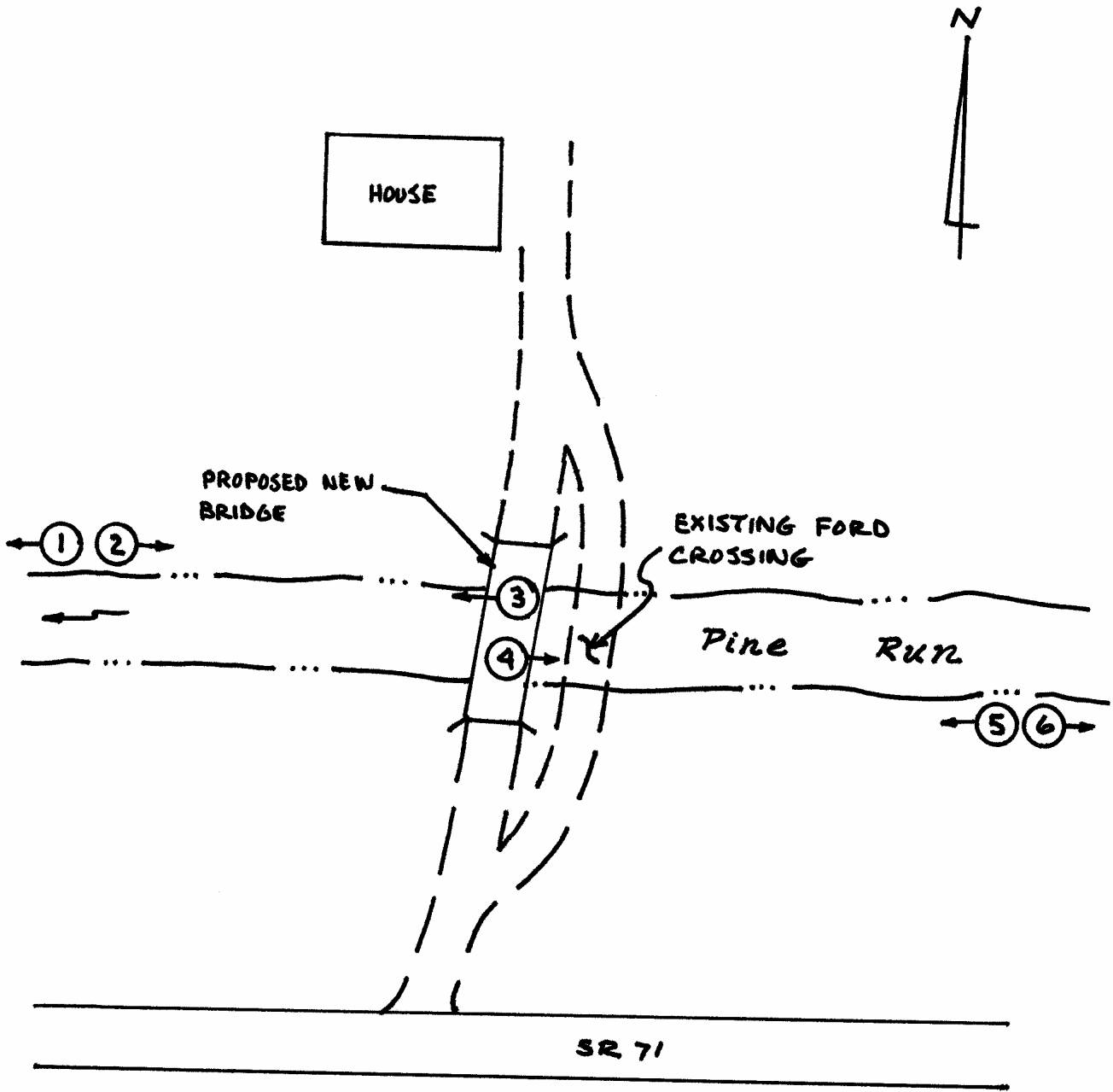
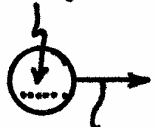


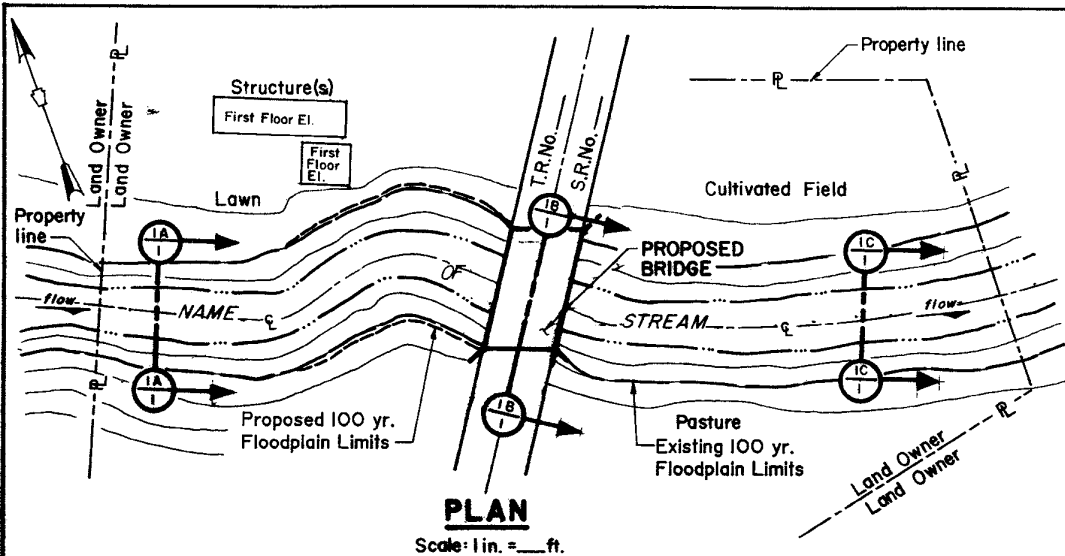
PHOTO NUMBER



INDICATES DIRECTION OF PHOTOGRAPH VIEW

APPENDIX IV

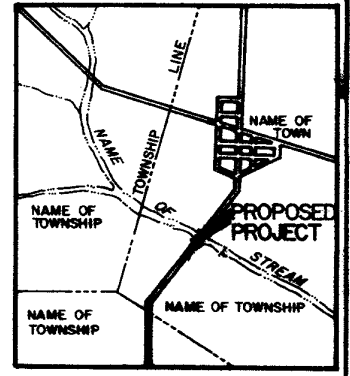
SAMPLE PLANS



BRIDGE

Data Summary #
 DRAINAGE AREA = _____
 SPAN = _____
 UNDERCLEARANCE = _____
 STREAM SLOPE = _____
 DESIGN DISCHARGE = _____
 100 YR. FLOOD DISCHARGE = _____

* Detailed Hydrologic and Hydraulic Calculations must be submitted.



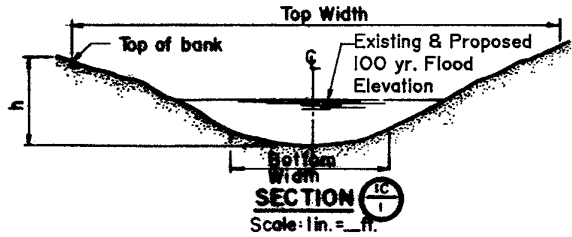
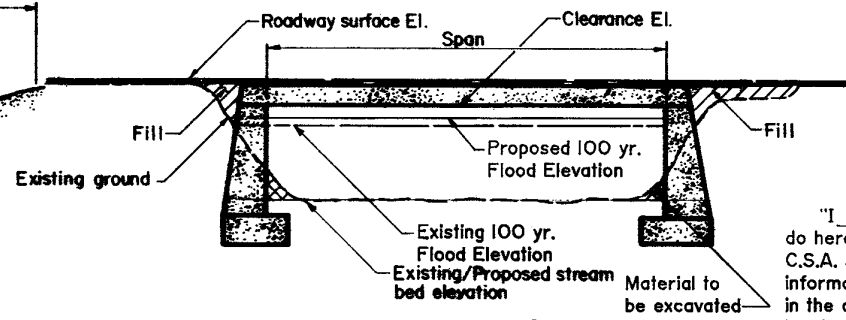
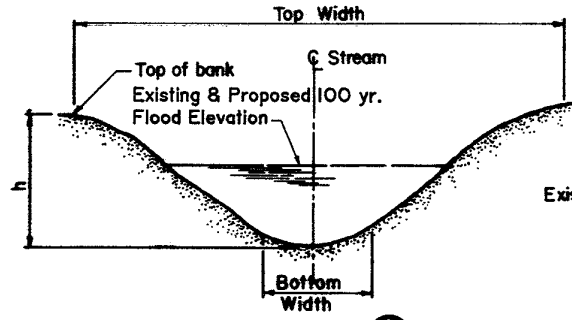
Scale: 1 in. = ___ mi.
 NOTE: Use of U.S.S.S. quadrangle maps is recommended.

NOTES:

- Existing and proposed 100-year flood elevations must be shown.
- If fill is used in bridge approaches, cross-section must extend to either side to show the extent of the fill. Hydraulic calculations must include effects of fill.

(If Required)
 REGISTERED PROFESSIONAL ENGINEER'S CERTIFICATION

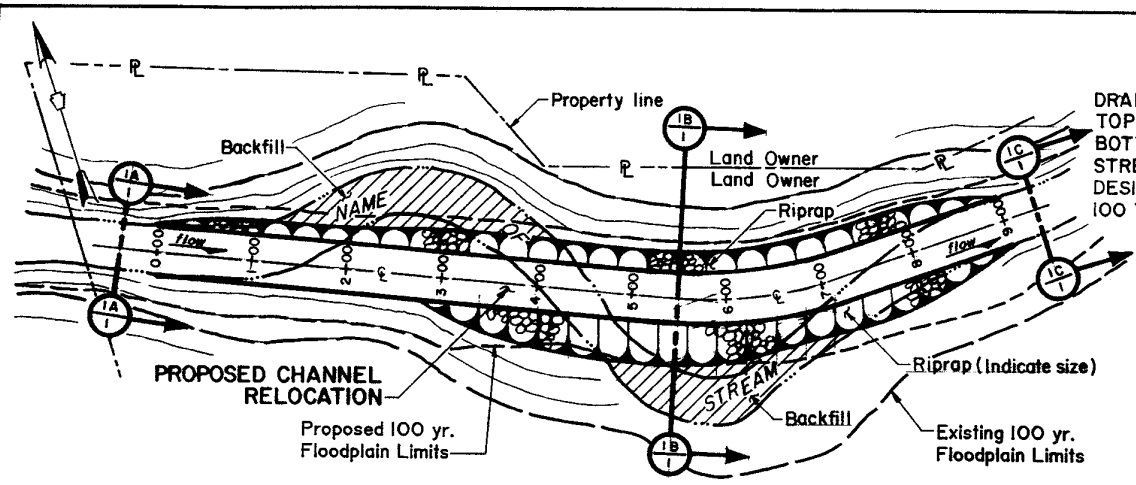
"I _____ (Name) do hereby certify pursuant to the penalties of 18 Pa. C.S.A. Sec. 4904 to the best of my knowledge, information and belief, that the information contained in the accompanying plans, specifications and reports has been prepared in accordance with accepted engineering practice, is true and correct, and is in conformance with Chapter 105 of the rules and regulations of the Department of Environmental Protection."



SAMPLE PLAN NO. 1



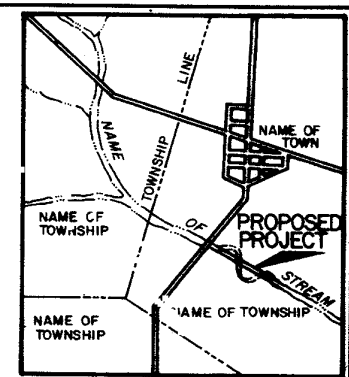
PROPOSED BRIDGE OVER THE NAME OF STREAM AT OR NEAR TOWN, TOWNSHIP & COUNTY



CHANNEL

Data Summary

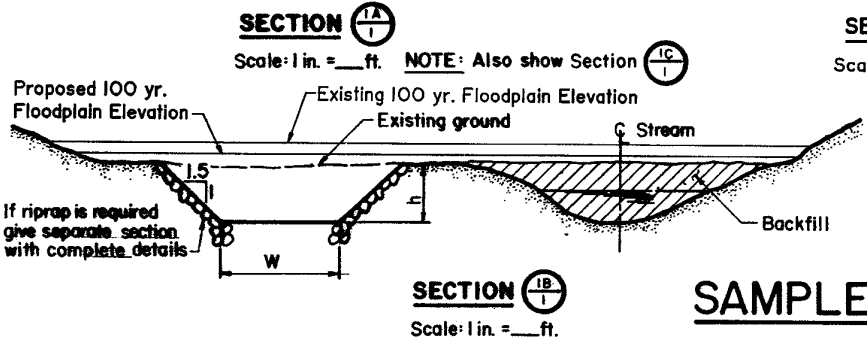
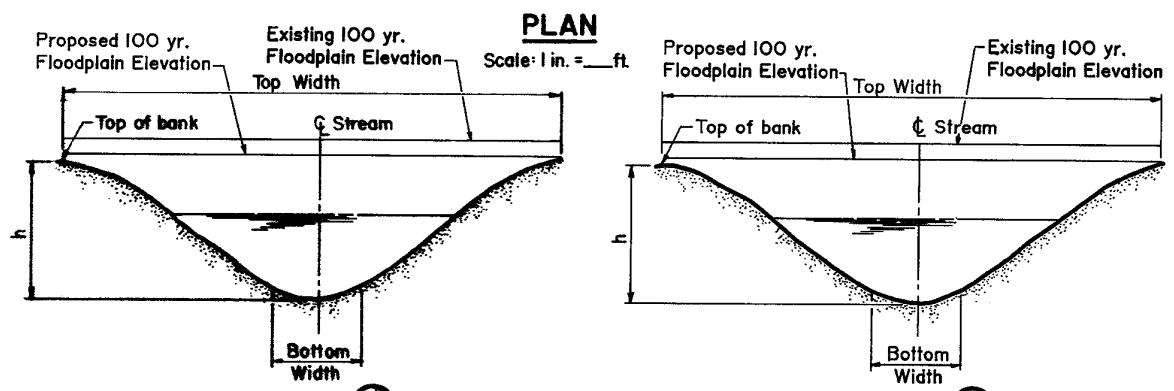
DRAINAGE AREA	=	_____
TOP WIDTH	=	_____
BOTTOM WIDTH	=	_____
STREAM SLOPE	=	_____
DESIGN DISCHARGE	=	_____
100 YR. FLOOD DISCHARGE	=	_____



LOCATION MAP

Scale: 1 in. = 1 mi.

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



SAMPLE PLAN NO.2

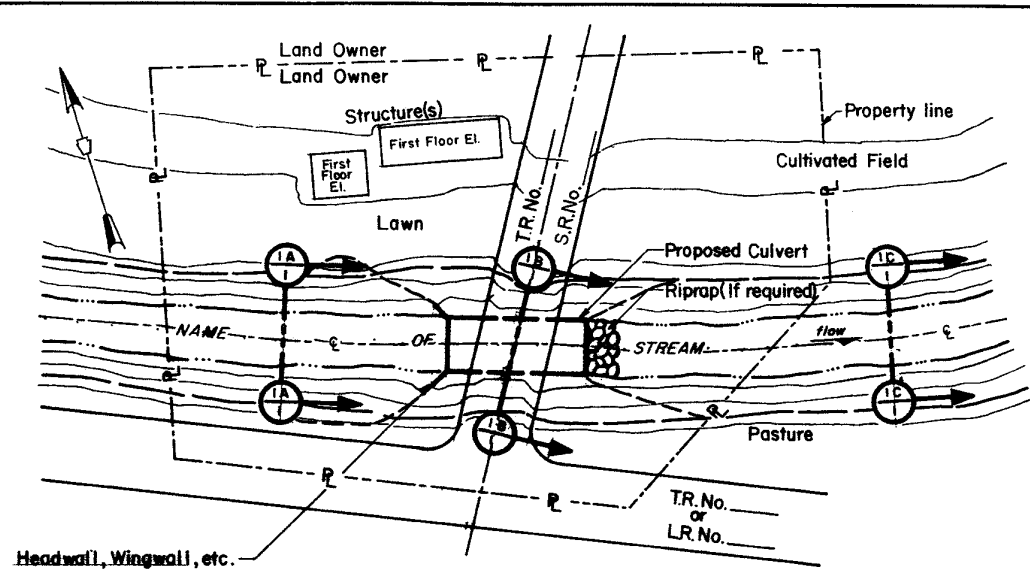
- NOTES:**
1. Minimum recommended side slope ratio is 1.5 Horizontal: 1 Vertical.
 2. Show any other cross-sections needed to adequately describe the scope of work.
 3. Existing and proposed 100-year floodplain limits may vary. Limits for both conditions should be shown.

(If Required)
REGISTERED PROFESSIONAL
ENGINEER'S CERTIFICATION

"I _____ (Name)
do hereby certify pursuant to the penalties of 18 Pa. C.S.A. Section 4904 to the best of my knowledge, information and belief, that the information contained in the accompanying plans, specifications and reports has been prepared in accordance with accepted engineering practice, is true and correct, and is in conformance with Chapter 105 of the rules and regulations of the Department of Environmental Protection."



**PROPOSED
CHANNEL RELOCATION OR
CHANNEL REALIGNMENT OF
NAME OF STREAM
AT OR NEAR
TOWN, TOWNSHIP & COUNTY**



PLAN

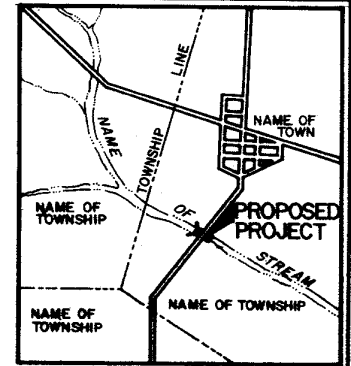
Scale: 1 in. = __ft.

CULVERT

Data Summary*

DRAINAGE AREA = _____
 SPAN = _____
 UNDERCLEARANCE = _____
 STREAM SLOPE = _____
 DESIGN DISCHARGE = _____
 100 YR. FLOOD DISCHARGE = _____
 TOTAL LENGTH OF CULVERT = _____

* Detailed Hydrologic and Hydraulic Calculations must be submitted.



LOCATION MAP



Scale: 1 in. = __mi.

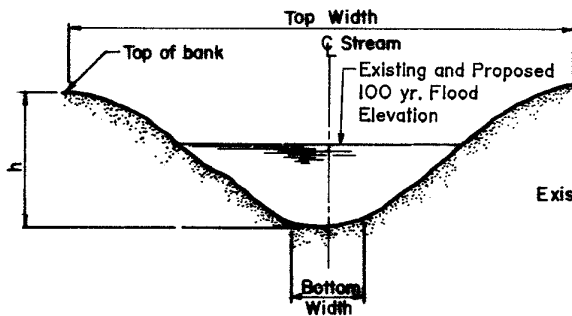
NOTE: Use of U.S.G.S. quadrangle map(s) is recommended.

NOTES:

- Existing and proposed 100-year flood elevations must be shown.
- If fill is used in bridge approaches, cross-section must extend to either side to show the extent of the fill. Hydraulic calculations must include effects of fill.
- If backwater from culvert occurs plan must indicate what areas are affected and to what extent.
- If overflow of roadway is anticipated adequate cross-section with dimensions must be provided

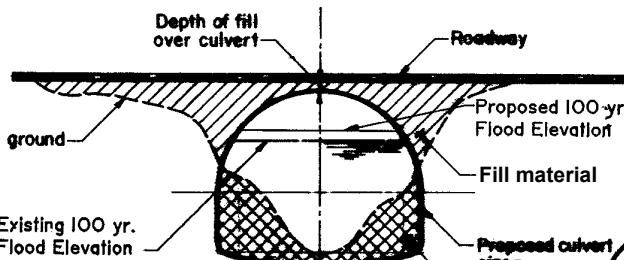
(If Required)

REGISTERED PROFESSIONAL ENGINEER'S CERTIFICATION



SECTION 1A

Scale: 1 in. = __ft.



SECTION 1B

Scale: 1 in. = __ft.

NOTE: Also show Section 1C

"I, _____ (Name) do hereby certify pursuant to the penalties of 18 Pa. C.S.A. Sec. 4904 to the best of my knowledge, information and belief, that the information contained in the accompanying plans, specifications and reports has been prepared in accordance with accepted engineering practice, is true and correct, and is in conformance with Chapter 105 of the rules and regulations of the Department of Environmental Protection"

PROFESSIONAL ENGINEER'S SEAL (If Required)

SAMPLE PLAN NO.3

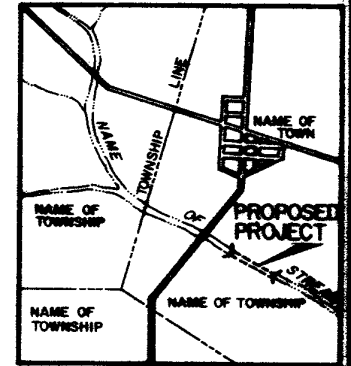
**PROPOSED CULVERT
 IN THE
 NAME OF STREAM
 AT OR NEAR
 TOWN, TOWNSHIP & COUNTY**

STREAM ENCLOSURE

Data Summary *

DRAINAGE AREA = _____
 SPAN = _____
 UNDERCLEARANCE = _____
 STREAM SLOPE = _____
 DESIGN DISCHARGE = _____
 100 YR. FLOOD DISCHARGE = _____
 TOTAL LENGTH OF CULVERT = _____

* Detailed Hydrologic and Hydraulic Calculations must be submitted.
 * * 100 year design discharge must be used.



LOCATION MAP



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

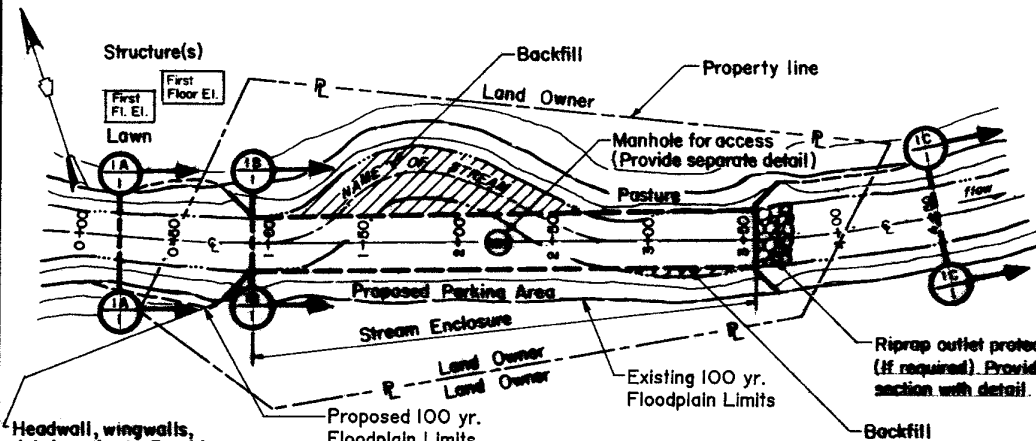
NOTES:

- Existing and proposed 100-year flood elevations must be shown.
- If backwater from culvert occurs, plan must indicate what areas are affected and to what extent.

(If Required)
 REGISTERED PROFESSIONAL
 ENGINEER'S CERTIFICATION

"I, _____ (Name)

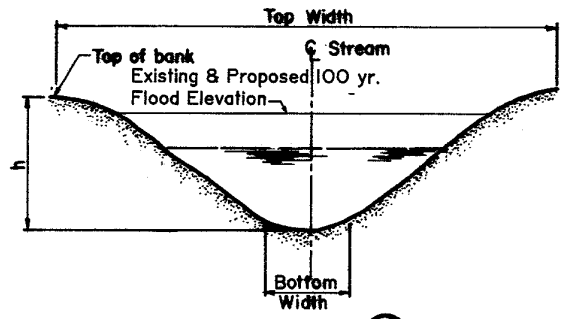
do hereby certify pursuant to the penalties of 18 Pa. C.S.A. Sec. 4904 to the best of my knowledge, information and belief, that the information contained in the accompanying plans, specifications and reports has been prepared in accordance with accepted engineering practice, is true and correct, and is in conformance with Chapter 105 of the rules and regulations of the Department of Environmental Protection"



PLAN

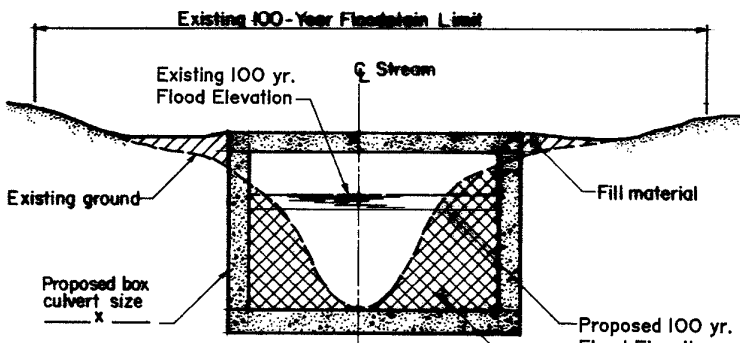
Scale: 1 in. = ____ ft.

Headwall, wingwalls, debris rock, etc. Provide separate section with detail.



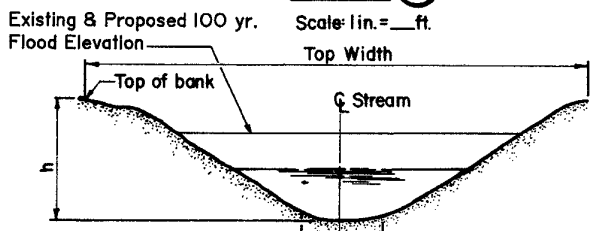
SECTION A-A

Scale: 1 in. = ____ ft.



SECTION B-B

Scale: 1 in. = ____ ft.



SECTION C-C

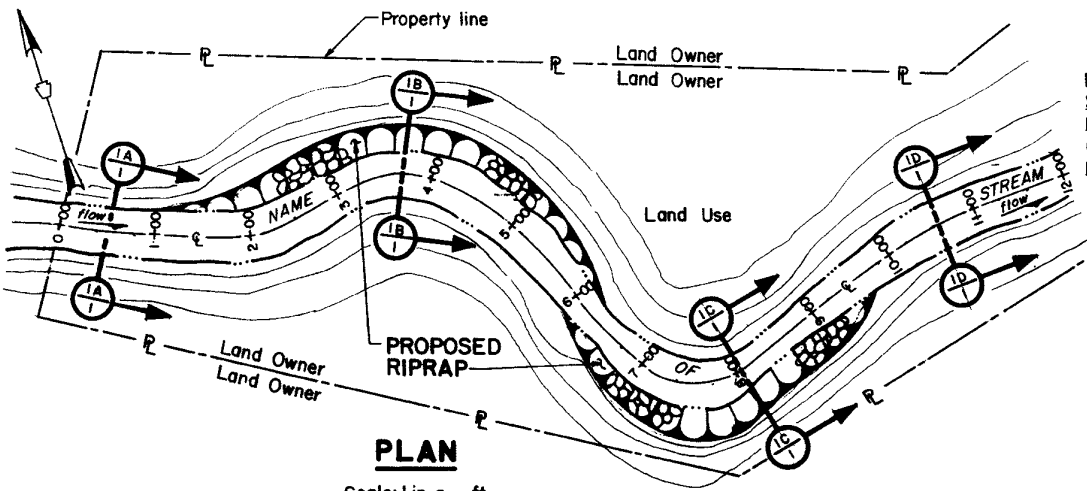
Scale: 1 in. = ____ ft.

NOTE: Stream enclosure is defined as any bridge, culvert or other structure in excess of 100 feet in length upstream to downstream and which encloses any regulated waters of this Commonwealth.

SAMPLE PLAN NO. 4

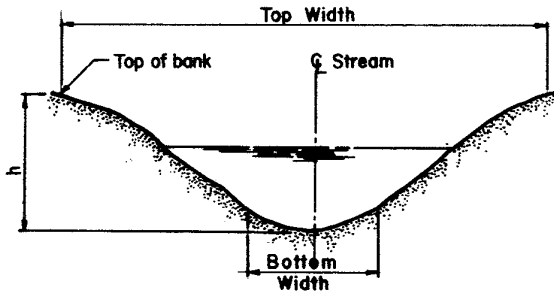


**PROPOSED
 STREAM ENCLOSURE
 OF THE
 NAME OF STREAM
 AT OR NEAR
 TOWN, TOWNSHIP & COUNTY**



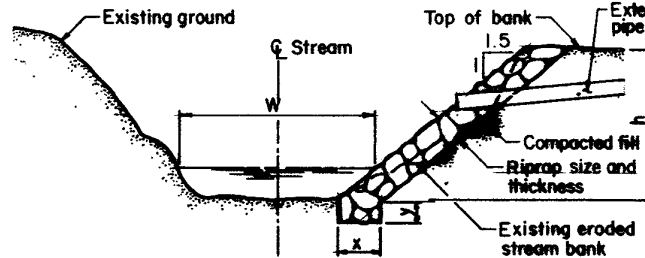
PLAN

Scale: 1 in. = ___ ft.



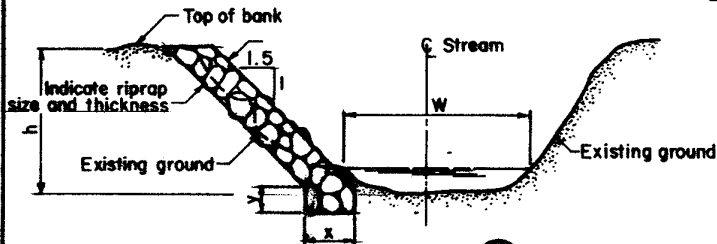
SECTION IA-I

Scale: 1 in. = ___ ft.



SECTION IC-I

Scale: 1 in. = ___ ft.



SECTION IB-I

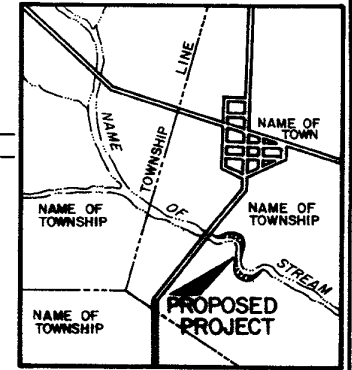
Scale: 1 in. = ___ ft.

RIPRAP

Data Summary

DRAINAGE AREA = _____
 STREAM SLOPE = _____
 EXPECTED DESIGN DISCHARGE = _____
 CHANNEL DISCHARGE CAPACITY = _____
 DESIGN FLOW VELOCITY = _____ fps.

* Show Hydrologic and Hydraulic Calculations in separate report.



LOCATION MAP



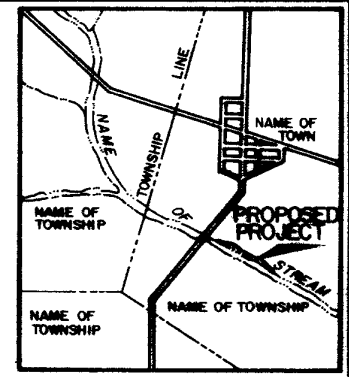
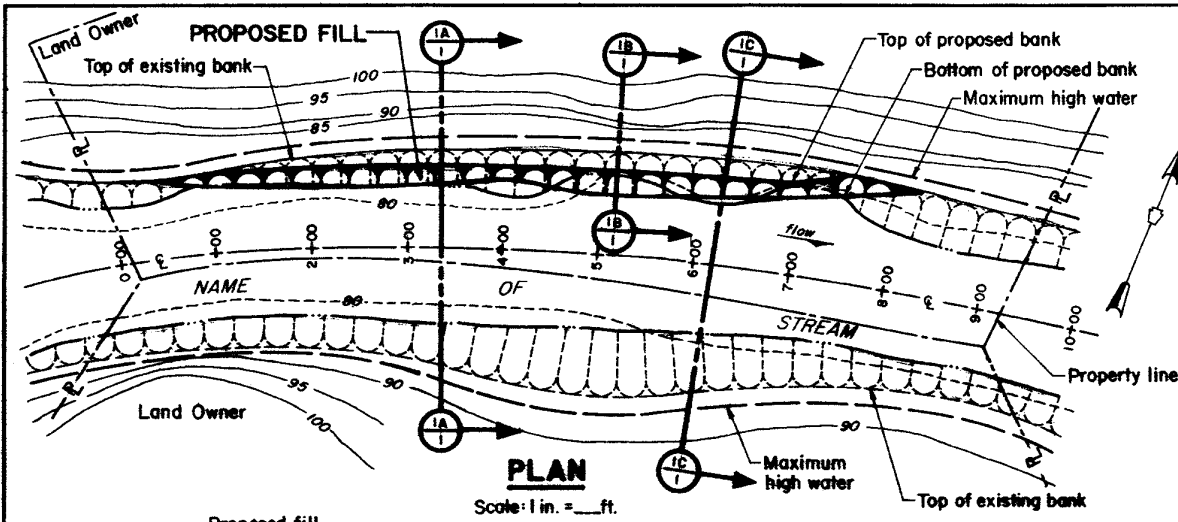
NOTE: Use of U.S.G.S. quadrangle map(s) is recommended.

NOTES:

1. Minimum recommended side slope ratio is 1.5 Horizontal: 1 Vertical.
2. Show any other cross-sections needed to adequately describe the scope of work.
3. Minimum recommended riprap toe dimensions are $x = 2'$ and $y = 1'$. Design criteria would vary with size of riprap used.
4. Registered Professional Engineer's Certification and Seal are usually not required for this type of project.

SAMPLE PLAN NO. 5

**PROPOSED RIPRAP
 ALONG THE
 NAME OF STREAM
 AT OR NEAR
 TOWN, TOWNSHIP & COUNTY**

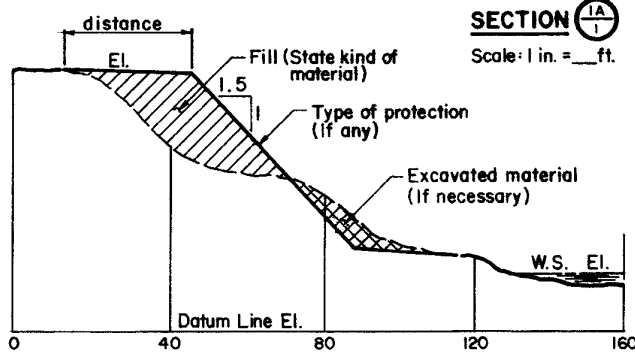
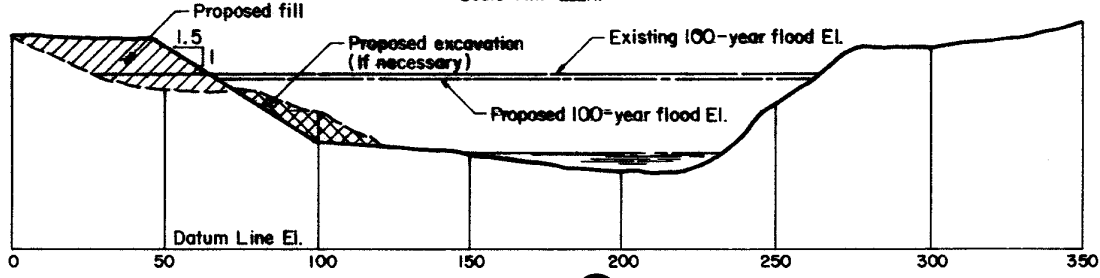


LOCATION MAP

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

GENERAL NOTES:

1. Federal flood insurance study information must be used if the study is completed for the subject municipality or township.
2. Project must be consistent with local floodplain management programs.
3. Any existing outfall pipe(s) should be extended (if necessary) to avoid blocking the outlet.
4. Detailed Hydrologic and Hydraulic calculations must be submitted showing effect of proposed fill on existing 100 year flood elevation.



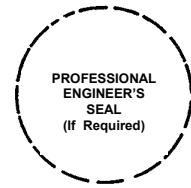
NOTE: Also show Section IC

NOTE:

1. Section must show kind of material and method of protection against erosion.
2. Minimum recommended slope is 1.5 Horizontal: 1 Vertical

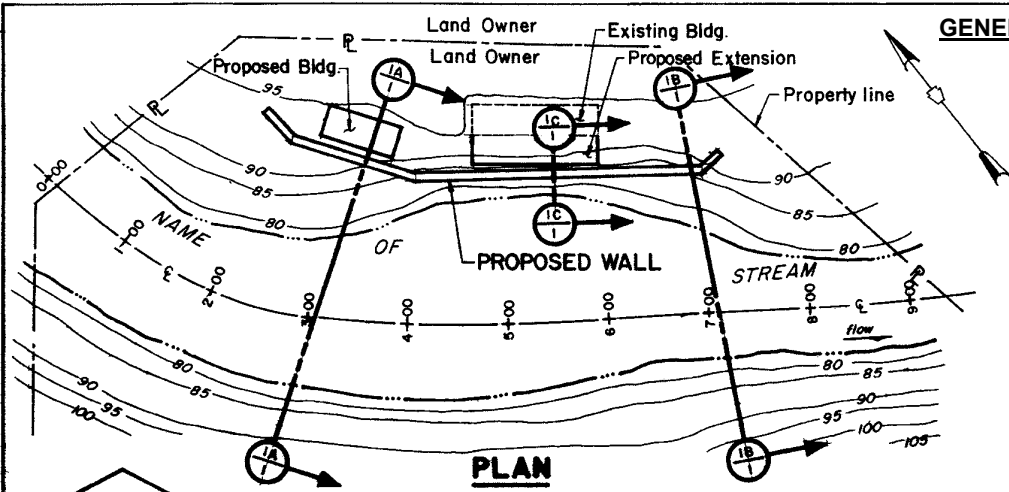
(If Required)
REGISTERED PROFESSIONAL
ENGINEER'S CERTIFICATION

I, _____ (Name)
do hereby certify pursuant to the penalties of 18 Pa. C.S.A. Sec. 4904 to the best of my knowledge, information and belief, that the information contained in the accompanying plans, specifications and reports has been prepared in accordance with accepted engineering practice, is true and correct, and is in conformance with Chapter 105 of the rules and regulations of the Department of Environmental Protection."



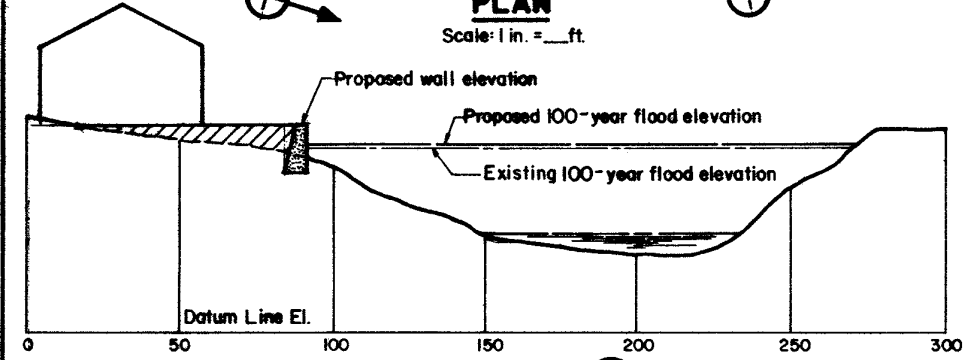
**PROPOSED FILL
ALONG THE
NAME OF STREAM
AT OR NEAR
TOWN, TOWNSHIP & COUNTY**

SAMPLE PLAN NO.6



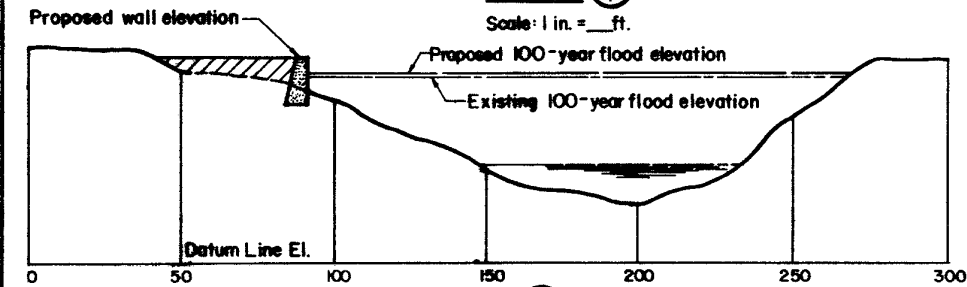
PLAN

Scale: 1 in. = __ft.



SECTION 1A

Scale: 1 in. = __ft.

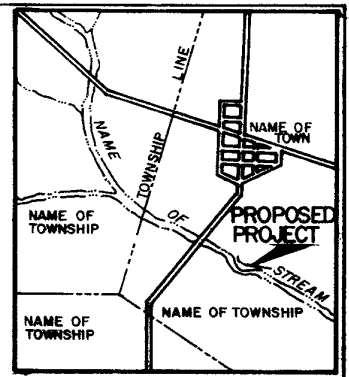


SECTION 1B

Scale: 1 in. = __ft.

GENERAL NOTES:

1. Detailed Hydrologic and Hydraulic calculations must be submitted showing effect of proposed wall on existing 100-year flood elevation.
2. Federal flood insurance study information must be used if the study is completed for the subject municipality or township.
3. Project must be consistent with local floodplain management programs.
4. Any existing outfall pipe(s) should be extended (if necessary) to avoid blocking the outlet.
5. Indicate first floor elevations for all existing and proposed buildings.

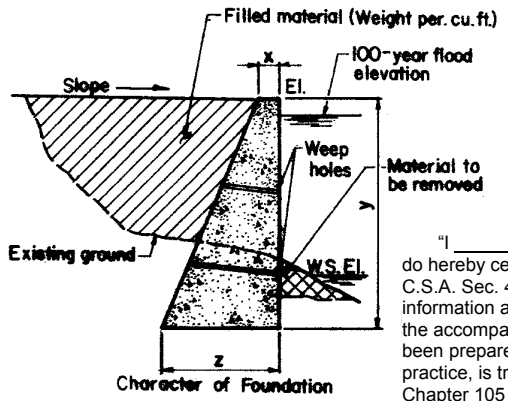


LOCATION MAP



Scale: 1 in. = __mi.

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



SECTION 1C

Scale: 1 in. = __ft.

NOTE: Complete stability computations must also be submitted.

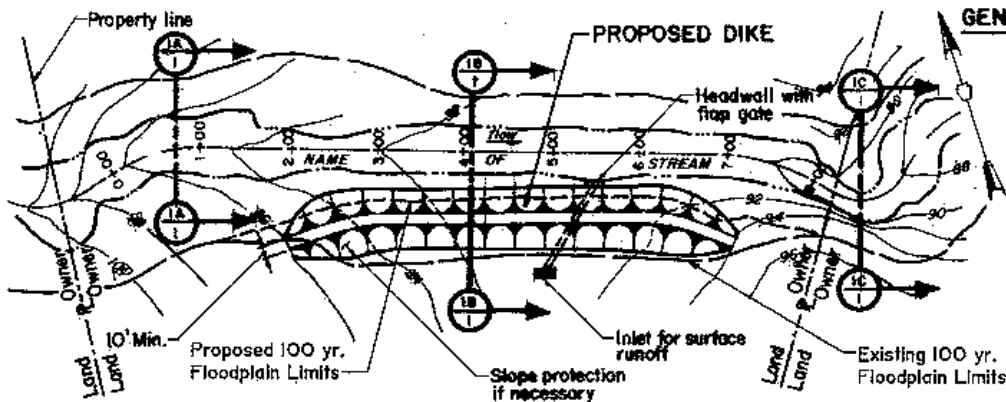


(If Required)
REGISTERED PROFESSIONAL
ENGINEER'S CERTIFICATION

"I _____ (Name)
do hereby certify pursuant to the penalties of 18 Pa.
C.S.A. Sec. 4904 to the best of my knowledge,
information and belief, that the information contained in
the accompanying plans, specifications and reports has
been prepared in accordance with accepted engineering
practice, is true and correct, and is in conformance with
Chapter 105 of the rules and regulations of the
Department of Environmental Protection."

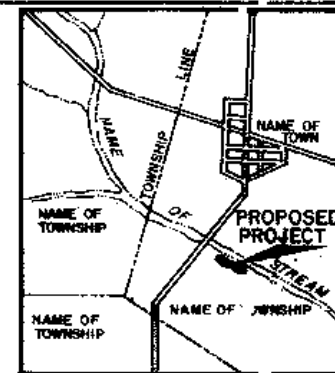
**PROPOSED WALL
ALONG THE
NAME OF STREAM
AT OR NEAR
TOWN, TOWNSHIP & COUNTY**

SAMPLE PLAN NO.7



GENERAL NOTES:

1. Existing and proposed 100-year flood elevations must be shown.
2. Detailed Hydrologic and Hydraulic calculations must be submitted showing effect of proposed dike on existing 100-year flood elevation.
3. Federal flood insurance study information must be used if the study is completed for the subject municipality or township.
4. Projects must be consistent with local floodplain management programs.



LOCATION MAP

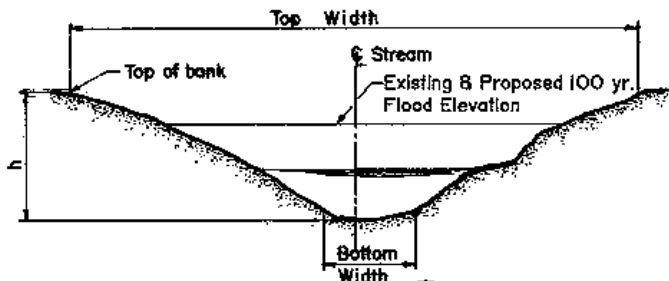


Scale: 1 in. = ____ mi.

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

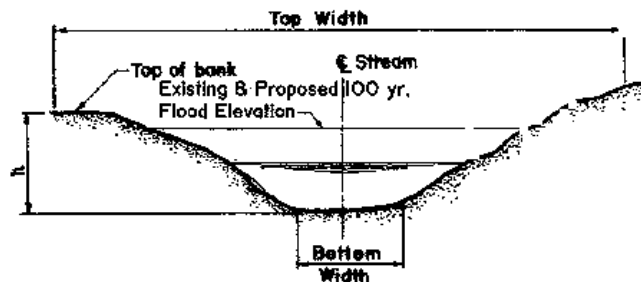
PLAN

Scale: 1 in. = ____ ft.



SECTION 1A

Scale: 1 in. = ____ ft.

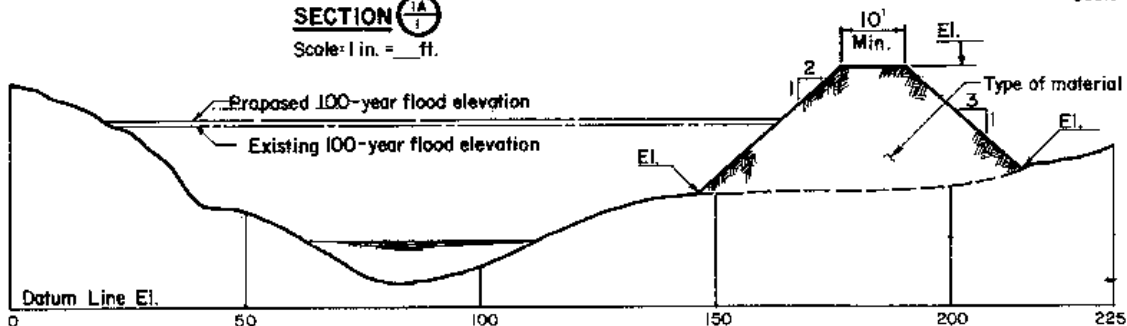


SECTION 1C

Scale: 1 in. = ____ ft.

(If Required)
REGISTERED PROFESSIONAL
ENGINEER'S CERTIFICATION

"I, _____ (Name) do hereby certify pursuant to the penalties of 18 Pa. C.S.A. Sec. 4904 to the best of my knowledge, information and belief, that the information contained in the accompanying plans, specifications and reports has been prepared in accordance with accepted engineering practice, is true and correct, and is in conformance with Chapter 105 of the rules and regulations of the Department of Environmental Protection"



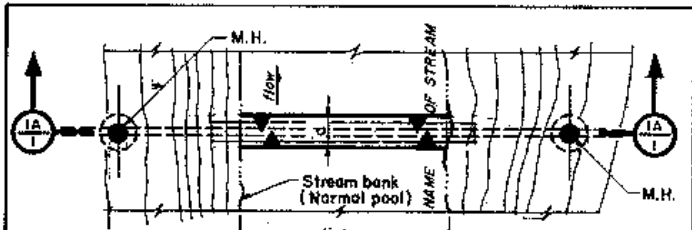
SECTION 1B

Scale: 1 in. = ____ ft.

SAMPLE PLAN NO. 8

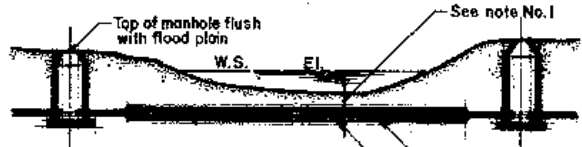


**PROPOSED DIKE
ALONG THE
NAME OF STREAM
AT OR NEAR
TOWN, TOWNSHIP & COUNTY**



PLAN

Scale: 1 in. = ___ ft.

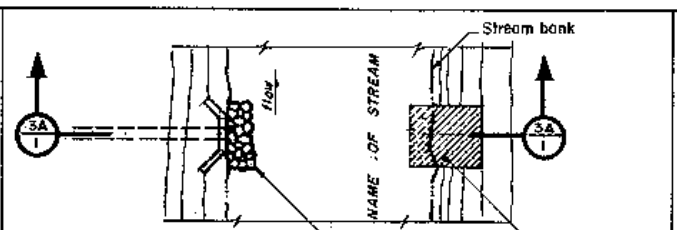


SECTION 1A

Scale: 1 in. = ___ ft.

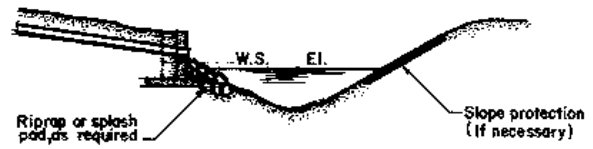
PIPELINE OR CONDUIT CROSSING

- NOTES:**
1. Minimum of 3' of cover over pipe or encasement, except in rock where 1' of cover shall be provided.
 2. Maximum length of near horizontal pipe must be provided to allow for future channel expansion.



PLAN

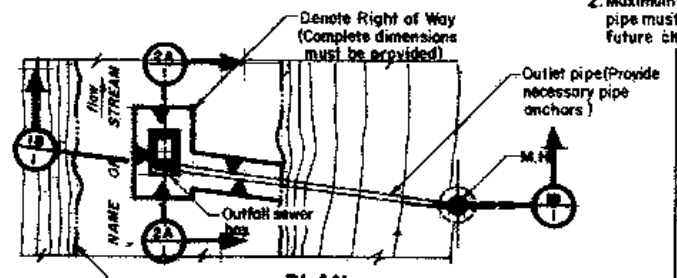
Scale: 1 in. = ___ ft.



SECTION 3A

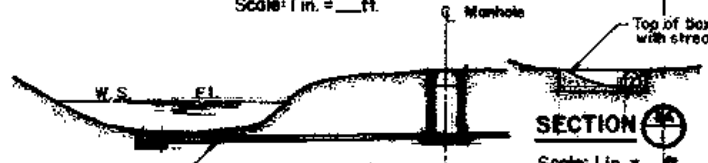
Scale: 1 in. = ___ ft.

HEADWALL



PLAN

Scale: 1 in. = ___ ft.



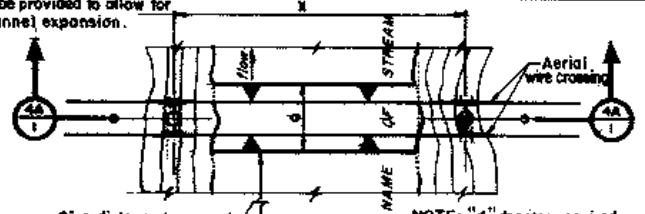
SECTION 1B

Scale: 1 in. = ___ ft.

SECTION 1B

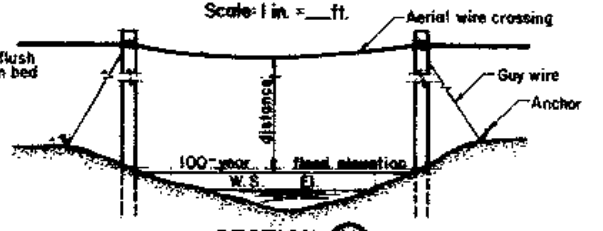
Scale: 1 in. = ___ ft.

OUTFALL



PLAN

Scale: 1 in. = ___ ft.

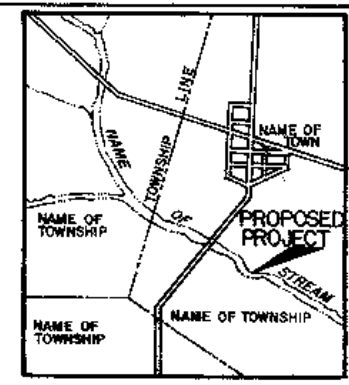


SECTION 3A

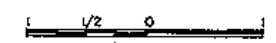
Scale: 1 in. = ___ ft.

AERIAL CROSSING

SAMPLE PLAN NO. 9



LOCATION MAP



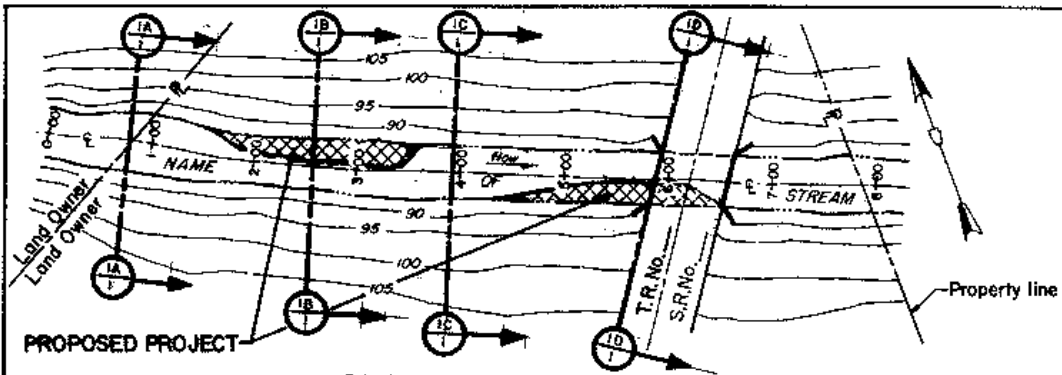
Scale: 1 in. = ___ mi.

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

GENERAL NOTES:

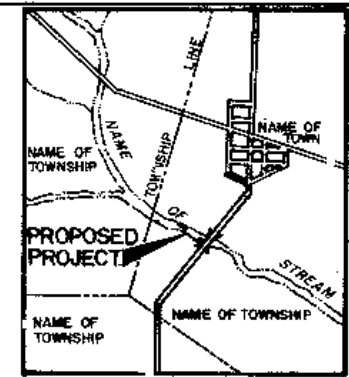
1. Property lines should be indicated on plans
2. Plans must show complete dimensions

OUTFALL, HEADWALL, AERIAL AND PIPELINE OR CONDUIT CROSSING IN, ALONG OR ACROSS THE NAME OF STREAM AT OR NEAR TOWN, TOWNSHIP & COUNTY



PLAN

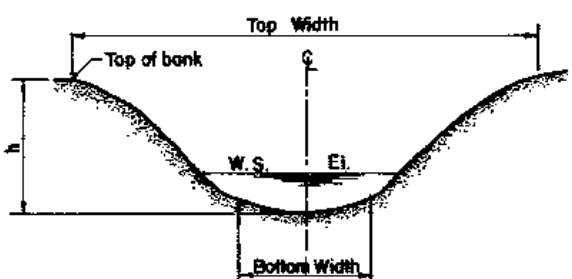
Scale: 1 in. = ___ ft.



LOCATION MAP

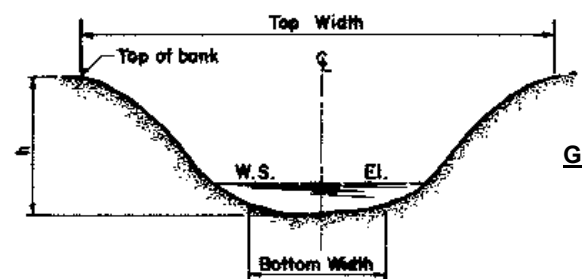
Scale: 1 in. = ___ mi.

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



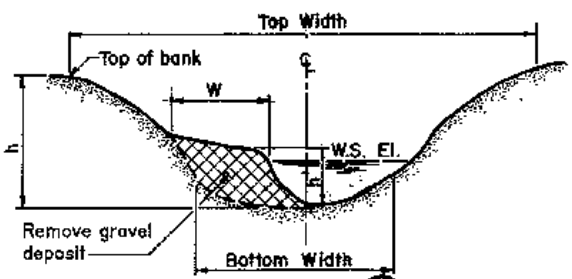
SECTION IA

Scale: 1 in. = ___ ft.



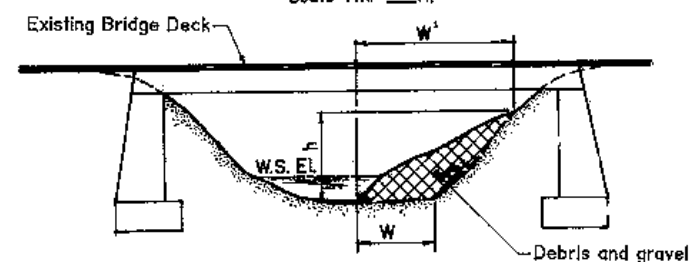
SECTION IC

Scale: 1 in. = ___ ft.



SECTION IB

Scale: 1 in. = ___ ft.



SECTION ID

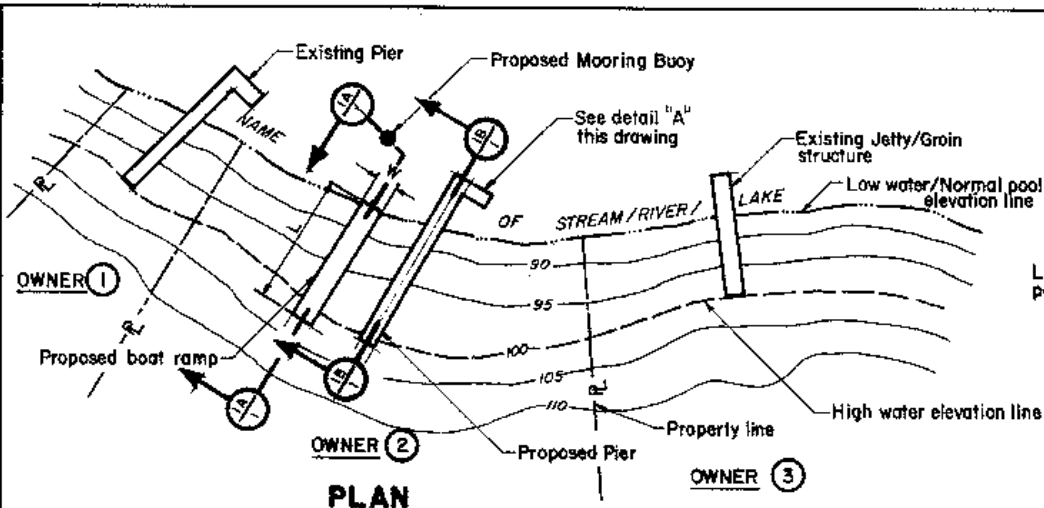
Scale: 1 in. = ___ ft.

GENERAL NOTES:

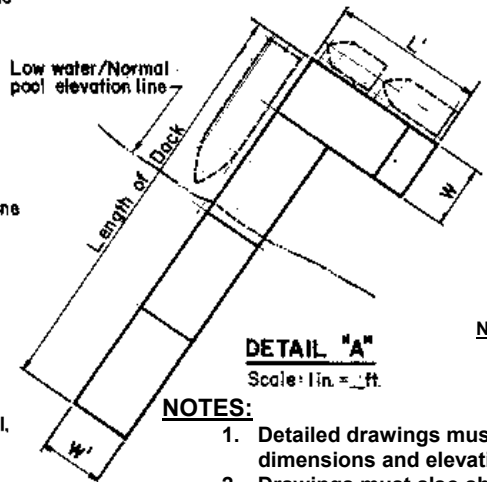
1. Complete details with dimensions of gravel bar and/or debris is required.
2. The removed gravel or deposit material must be disposed of outside the 100-year floodplain.

SAMPLE PLAN NO. 10

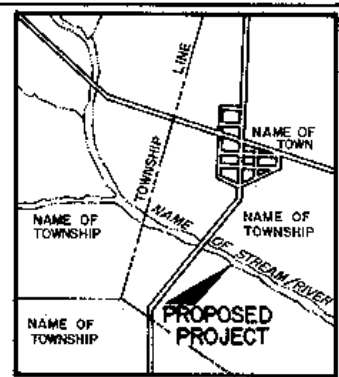
PROPOSED DEBRIS OR GRAVEL BAR REMOVAL FROM OR ALONG THE NAME OF STREAM AT OR NEAR TOWN, TOWNSHIP & COUNTY



PLAN
Scale: 1 in. = ft.



DETAIL "A"
Scale: 1 in. = ft.



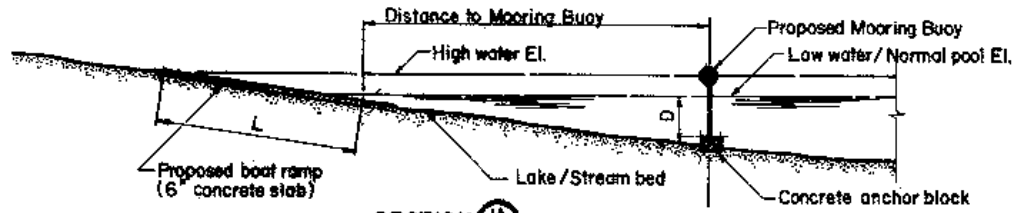
LOCATION MAP

Scale: 1 in. = mi.

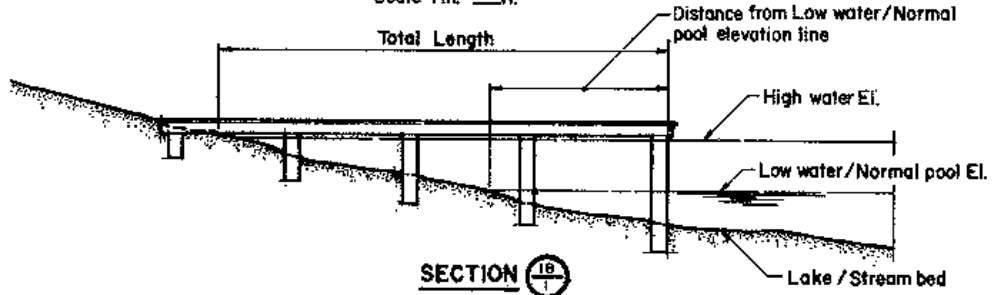
NOTE: Use of U.S.G.S. quadrangle map(s) is recommended.

NOTES:

1. Detailed drawings must include all structures with dimensions and elevations.
2. Drawings must also show maximum mooring area, i.e., the area occupied by boats/ships at the docking facilities (Number, length and width of boats/ships and approximate mooring location must be shown).
3. Normal pool elevation or Low water line must be shown on all drawings.



SECTION A-A
Scale: 1 in. = ft.



SECTION B-B
Scale: 1 in. = ft.

SAMPLE PLAN NO. II

**PROPOSED
BOAT RAMP, PIER,
MOORING BUOY,
JETTY OR GROIN
IN / ALONG THE
NAME OF STREAM
RIVER / LAKE
AT OR NEAR
TOWN, TOWNSHIP & COUNTY**

APPENDIX V
OUTLINE FOR SUGGESTED HYDROLOGY AND HYDRAULICS REPORT FORM

The following is an outline for suggested Hydrology and Hydraulics report format.

HYDROLOGY AND HYDRAULIC REPORT
(NAME OR IDENTIFICATION NUMBER OF STRUCTURE/ACTIVITY)
(STATION #, MILE POST MARKER # OR OTHER SPECIAL IDENTIFICATION)
(NAME OF STREAM, RIVER OR BODY OF WATER IF NOT LISTED ABOVE)
(MUNICIPALITY)
(COUNTY)

1. SITE HISTORY AND CONDITIONS
 - a. Flood records
 - b. Site conditions

2. HYDROLOGY
 - a. Rainfall determinations
 - b. Runoff calculations or listing of existing determinations.

3. HYDRAULIC ANALYSIS
 - a. Hydraulic calculations for capacity of existing and proposed conditions.
 - b. Flood water surface calculations/determinations (develop profiles, maps and cross sectional drawings).
 - c. Streambed/streambank stabilization study. Design of remedial measures.
 - d. Determination if Risk Assessment is required.
 - e. Attachments, computer runs, etc.

**APPENDIX VI
SAMPLE - REQUIREMENTS FOR A PROPOSED BRIDGE**

The following is provided as an example of requirements for a proposed bridge (Subchapter C) and a recommendation on how to complete these requirements.

EXAMPLE 1: PROPOSED BRIDGE

"Subchapter C. CULVERTS AND BRIDGES

PERMITS

§ 105.151. Permit applications for construction or modification of culverts and bridges.

In addition to the information required under § 105.13 (relating to permit applications—information and fees), applications for permits under this subchapter for the construction or modification of culverts and bridges shall contain the following:

- (1) **Plans showing the location, type, size and height of the proposed bridge or culvert and detailing the topographic features, elevations and structures so as to enable an appraisal of the hazard potential of the structure.** [This is basically a duplication of the "site plan" requirement specified under Section 105.13(d)(1)(i). Accordingly, a separate "H & H" site plan is not required.]
- "(2) **A description of the character of the stream bed and banks and a profile of the stream for a reasonable distance above and below the proposed site, showing slopes of bed, normal water surface and flood water surface.**" [See Sample Drawing A2 for an example of a profile drawing. Such profiles may be hand drawn or computer generated. When a project is located in a FEMA flood study area, a photocopy of the FEMA profile must be used with the altered flood water surfaces clearly shown.]
- "(3) **A hydrologic and hydraulic analysis which shall include: data on size, shape, and characteristics of the watershed; the amount and frequency of the design flood; the hydraulic capacity of the structure; the hydraulic capacity of the channel upstream and downstream; and, where flooding is a problem, flood damage and backwater analysis.**" [The "hydrologic" portion of analysis will be completed as previously discussed (see pages 9-11). The level of hydraulic analysis required (see pages 11-12) will depend on the actual structure proposed, its impacts and the potential threat to nearby homes and other properties. New or replacement bridges must be analyzed relative to the changes in flood water elevations between existing and proposed conditions. In subsequent portions of this example, specific design criteria will be listed and this must be used in the analysis.

"DESIGN CRITERIA FOR CONSTRUCTION OR MODIFICATION

§ 105.161. Hydraulic capacity

- a. **Bridges and culverts shall be designed and constructed in accordance with the following criteria:**
 - (1) **The structure shall pass flood flows without loss of stability.** [Based on the results of the hydraulic analysis, additional calculations may be required to demonstrate that the structure will pass design flows without damages to abutment footers, wingwalls, etc., or from overtopping during larger flood events.]
 - "(2) **The structure may not create or constitute a hazard to life or property, or both.**" [The results of the hydraulic analysis must clearly demonstrate that the proposed structure will not increase flow

APPENDIX VI SAMPLE - REQUIREMENTS FOR A PROPOSED BRIDGE

velocities or flood water elevations to the extent of adversely impacting or threatening life or property.]

- "(3) **The structure may not materially alter the natural regime of the stream.**" [This typically refers to creation of standing water upstream, or increased flow velocity downstream of the proposed structure that would permanently alter normal stream flow characteristics. The hydraulic analysis must demonstrate that neither condition will occur.]
- "(4) **The structure may not so increase velocity or direct flow in a manner which results in erosion of stream beds and banks.**" [This refers to a change in downstream flow direction and/or increase in flow velocity that would cause damage to the stream bed or banks. The hydraulic analysis must demonstrate that flows exiting the structure are not sufficient to initiate erosion of the existing stream bed or banks. If exit velocities will initiate erosion, the analysis must then include the hydraulic design of energy dissipaters, rock riprap or similar stabilization works needed to offset the effects of the proposed structure. Refer to the Department's Erosion and Sediment Pollution Control Manual for additional discussion on design considerations for these problems.]
- "(5) **The structure may not significantly increase water surface elevations.**" [This is a critical requirement and must be analyzed on a case by case basis. See the following subsection (e) for additional specific requirements.]
- "(6) **The structure shall be consistent with local flood plain management programs.**" [This requirement may be satisfied through compliance with Section 105.13 (d)(1)(vi) requirements. This requirement also applies to local flood plain management programs where no detailed FEMA flood studies have been completed.]
- "b. **In determining flood flows and frequencies for purposes of this subchapter, hydrologic analysis shall be by methods generally accepted in the engineering profession.**" [Actual recommendations have been made in the "HYDROLOGY" section (see pages 9-11).]
- "c. **The general criteria for design flows are as follows:**
- (1) **Rural area - 25-year frequency flood flow.**
 - (2) **Suburban area - 50-year frequency flood flow.**
 - (3) **Urban area - 100-year frequency flood flow.**
- [These requirements are self explanatory. However, the Department will review, on a case by case basis, requests to lower or raise this criteria due to geological, environmental, future development and other unique site conditions.]
- "d. **The determination of flood flows for design shall be made with reasonable consideration of development which may alter the runoff characteristics of the watershed during the anticipated life of the structure. Specific design requirements in subsection (c) may be varied to fit the conditions at the site and the requirements of flood plain management regulations and ordinances.**" [This requires the applicant to check with the local municipality and/or county planning commission to determine projected development in the watershed and to determine any municipal design requirements in excess of those listed in subsection (c). Based on the results of such inquiry, the design flow for the project may be adjusted to fit these requirements.]

APPENDIX VI
SAMPLE - REQUIREMENTS FOR A PROPOSED BRIDGE

- "e. **The structure shall pass the 100-year frequency flood with less than a 1.0-foot increase in the natural unobstructed 100-year water surface elevation, except where the structure would be located in a floodway which is delineated on a FEMA map, in which case no increase in the 100-year water surface elevation will be permitted. Exceptions to this criteria may be approved by the Department if the applicant prepares a risk assessment which demonstrates, and the Department finds, that the structure will not significantly increase the flooding threat to life and property or the environment, and if applicable, is consistent with the municipal floodplain management programs adopted under the National Flood Insurance Program and a FEMA Flood Insurance Study. This information may be obtained from the Department of Community and Economic Development, Governor's Center for Local Government Services, 4th Floor, Commonwealth Keystone Building, Harrisburg, Pennsylvania 17120.**" [This requires that a hydraulic analysis be performed that clearly demonstrates that the proposed work will not cause more than the allowable increase in flood water surface elevations. If the analysis shows more than the allowable increase, then the applicant should consider project redesign. If a redesign is not possible, then a risk assessment must be prepared and attached to the application package. The applicant would mark "Y" (Yes) for the "Risk Assessment" (Section F o) on the Application Completeness Checklist on Page 2 of the application. The Risk Assessment must clearly demonstrate that the increased flood water surfaces will not cause an increased flooding threat to life, property or the environment. When located in a FEMA flood study area, the Risk Assessment must include documentation that the municipality has contacted FEMA about the proposed flood water surface increases and will be taking those necessary steps to revise the FEMA flood study to reflect such increases.]

****The above provides a good example of how, in completing one mandatory permit application requirement, the need for a secondary requirement is established. In this case, if the hydraulic analysis shows flood water surface increases within the allowable limits, no risk assessment would be required and on page 2 of the application, an entry of "N/A" (not applicable) would be made for "Section F o" of the Application Completeness Checklist. If the allowable limits are exceeded, then the Risk Assessment must be prepared and "Section F o" on the checklist would be marked with a "Y" (yes).

The example will end at this point. However, the applicant should be aware that if working on a real application, similar considerations as discussed would be required for the remaining subsections 105.162 through 105.166, concerning culverts and bridges.

**APPENDIX VII
LETTER FROM APPLICANT TO MUNICIPALITY AND COUNTY
TO SATISFY ACTS 14, 67, 68 and 127**

Note: This letter may be duplicated and used as a fill-in form letter, with one copy to be addressed and sent certified mail to the County Commissioners or Clerk for county notification; and to the Secretary, Township Supervisors, Manager, Mayor or Borough Council, as appropriate for municipal notification.

Date _____

Dear _____:

The purpose of this notice is to inform you of our intent to submit an application to the Pennsylvania Department of Environmental Protection (DEP) for the following application:

1. Project Name: _____
2. Project Description: _____

3. Applicant Name: _____
4. Applicant Contact: _____
(provide name, address and phone #)
5. Site Location: _____
6. Municipality/County: _____

Section 1905-A of the Commonwealth Administrative Code, as amended by Act 14, requires that each applicant for a DEP permit must give written notice to the municipality(ies) and the county(ies) in which the permitted activity is located. The written notices shall be received by the municipality(ies) and county(ies) at least 30 days before the Department may issue or deny the permit.

"Acts 67 and 68, which amended the Municipalities Planning Code to support sound land use practices and planning efforts, direct state agencies to consider comprehensive plans and zoning ordinances when reviewing applications for permitting of facilities or infrastructure, and specify that state agencies may rely upon comprehensive plans and zoning ordinances under certain conditions as described in Sections 619.2 and 1105 of the Municipalities Planning Code. Enclosed is a General Information Form (GIF) we have completed for this project. DEP invites you to review the attached GIF and comment on the land use aspects of this project; please be specific to DEP when identifying any areas of conflict. If you wish to submit comments for DEP to consider in a land use review of this project, you must respond within 30 days to the DEP regional office listed below. If there are no land use comments received by the end of the comment period, DEP will assume that there are no substantive land use conflicts and proceed with the normal application review process."

Please submit any comments concerning this project within 30 days from date of receipt of this letter to the DEP Permitting and Technical Services Section at _____
_____.

For more information about this land use review process, please visit www.depweb.state.pa.us, (keyword: Land Use Reviews).

Sincerely,

Enclosure (completed GIF)



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
 and
DEPARTMENT OF ARMY CORPS OF ENGINEERS
 (Baltimore, Philadelphia, and Pittsburgh Districts)

<i>Coordination #</i>

JOINT APPLICATION FOR
PENNSYLVANIA WATER OBSTRUCTION AND ENCROACHMENT PERMIT AND
U.S. ARMY CORPS OF ENGINEERS SECTION 404 PERMIT

Before completing this form, please read the step-by-step instructions and Section F Application Completeness Checklist provided with this Joint Permit package.

AGENCY USE ONLY	
Application ID# (Assigned by DEP) _____	RECEIVED DATE _____ CHECK NO. _____
Program Application No. _____	REQUIRED APP. FEE _____ AMOUNT \$ _____

SECTION A. APPLICATION TYPE: STANDARD SMALL PROJECTS

SECTION B. APPLICANT IDENTIFIER

Applicant Name _____

SECTION C. PROJECT LOCATION DATA

Name of stream and/or body of water. _____

Corps District where project will occur.
 Baltimore Philadelphia Pittsburgh

Name of the U.S.G.S. 7 1/2 Minute Quadrangle Map where project is located: _____
 Indicate location of project on this map by measuring (in inches) from the lower right corner:
 North (up) _____ inches; West (to the left) _____ inches; Latitude _____ ; Longitude _____

Project type, purpose and need: _____

SECTION D. PROJECT STATUS

HAS ANY PORTION OF PROPOSED PROJECT BEEN COMPLETED? yes no _____ date completed
 If yes, attach description of those portions of the project that have been completed and identify dates of completion.

SECTION E. OTHER APPROVALS

LIST APPROVALS, CERTIFICATIONS, DENIALS OR NOTICES OF VIOLATION RECEIVED FROM FEDERAL, INTERSTATE, STATE OR LOCAL AGENCIES FOR STRUCTURES, CONSTRUCTION, DISCHARGES OR OTHER ACTIVITIES DESCRIBED IN THIS APPLICATION.

SECTION F. APPLICATION COMPLETENESS CHECKLIST

(Applicant must place an entry - Y = Yes, N = No, N/A = Not Applicable - in each left side column space. See Section 105.13 for additional details. If you are applying under the Small Projects Application format, place an entry in only those comments prefixed by an asterisk (*).

REQUIREMENT	Applicant Entry	DEP Use Only
a. GIF and permit application properly signed, sealed and witnessed	*	
b. Application Fee enclosed (see Section G.)	*	
c. Copies and proof of receipt - Act 14 notification - Acts 67/68/127	*	
d. Cultural Resource Notice - Copy and Proof of Receipt	*	
e. Completed and approved Pennsylvania Natural Diversity Inventory Form (PNDI search)	*	
f. Plans (site plan including cross sections and profiles for Subsections 151, 191, 231, 261)	*	
g. Location map		
h. Project description narrative	*	
i. Color photographs with map showing location taken	*	
j. Environmental Assessment form	*	
k. Erosion and Sediment Control Plan and approval letter		
l. Hydrologic and hydraulic analysis		
m. Stormwater Management Analysis w/consistency letter		
n. Floodplain Management Analysis w/consistency letter		
o. Risk Assessment		
p. Professional engineer's seal and certification		
q. Alternative analysis		
r. Mitigation plan		

SECTION G. DETERMINATION OF APPLICATION FEES (DEP FEES ONLY)

Types of Water Obstructions and Encroachments	Number of Units	Fee Per Unit	Subtotal Amount
Stream enclosures		\$ 350.00	\$
Channel changes		\$ 300.00	\$
Commercial dredging		\$ 300.00	\$
Peat extraction		\$ 750.00	\$
Fills, levees, floodwalls		\$ 350.00	\$
Bridges and other water obstructions and encroachments		\$ 200.00	\$
Small projects (\$100 fee regardless of number of units)		\$ 100.00	\$
Qualifies for General Permit (fee waived)		\$0.00	N/A
Make Check Payable to: Commonwealth of Pennsylvania		TOTAL FEE	\$

List each type and number of water obstructions and encroachments that are included in this application and indicate subtotal and total fee amounts.

FAILURE TO PROVIDE ALL OF THE REQUESTED INFORMATION WILL DELAY THE PROCESSING OF THE APPLICATION AND MAY RESULT IN THE APPLICATION BEING PLACED **ON HOLD WITH NO ACTION**, OR IT MAY BE CONSIDERED WITHDRAWN AND THE FILE CLOSED.

SECTION H. ADJOINING PROPERTY OWNERS

Please list the name and address of all property owners whose land adjoins the project property.

<u>NAME</u>	<u>ADDRESS</u>
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

SECTION I. CERTIFICATION AND SIGNATURE

If Privately Owned, all owners (such as husband and wife) must sign. One or more members authorized to sign on behalf of an entire partnership must sign. For a Corporation, the president, vice president or other responsible official is required to sign. For Political Subdivision, signatures of the chief officer or other responsible official empowered to sign is required with the seal affixed and attested by the clerk. For Commonwealth departments, boards, commissions, receivers, trustees and authorities, a department head, bureau director, executive director, chairman, commissioner or other responsible official is required to sign. Signatures other than above must be accompanied by a power of attorney or other notarized legal documentation indicating authorization to sign on behalf of the applicant.

Application is hereby made for a permit to authorize the activities described herein. I certify I am familiar with the information contained in this application, and to the best of my knowledge and belief, such information is true, complete and accurate. I further certify I possess the authority to undertake the proposed activities.

I certify that the project proposed in this application complies with and will be conducted in a manner that is consistent with the approved Coastal Zone Management program of the Commonwealth of Pennsylvania. (Only portions of Erie, Bucks, Philadelphia and Delaware Counties are in the Coastal Zone).

I grant permission to the agencies responsible for authorization of this work, or their duly authorized representative, to enter the project site for inspection purposes during working hours. I will abide by the conditions of the permit or license if issued and will not begin work without the appropriate authorization.

By: _____
(PRINT NAME)

(SIGNATURE) (DATE)

SEAL

(TITLE)

WITNESS: _____



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

PROJECT SCREENING FORM

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

Applicant/Project Name:

YES **NO**

- | | | |
|--|--|--|
| <input type="checkbox"/>

<input type="checkbox"/>

<input type="checkbox"/>

<input type="checkbox"/> | <input type="checkbox"/>

<input type="checkbox"/>

<input type="checkbox"/>

<input type="checkbox"/> | <p>1. Does this project involve the temporary and/or permanent discharge of dredged and/or fill material, or the excavation of greater than one acre of waters and/or wetlands? Included in this calculation are the areas directly and indirectly affected by the work, including the area of waters and/or wetlands filled, drained and/or flooded as a result of the project.</p> <p>2. Does your project involve impacts to greater than 250 linear feet of stream channel? The linear footage of stream impact shall be measured along the centerline of the watercourse when both streambanks of the watercourse are involved or along a single streambank when one streambank is involved, or measured across the watercourse, from top of bank to top of bank, when the project extends transversely across the watercourse.</p> <p>3. If you are applying for a DEP General Permit, does your project, including the acreage of any previously authorized activities, involve the permanent loss of 0.25 acres or more of wetlands? (If not applying for a General Permit, check NO).</p> <p>4. Has any work associated with your project been previously authorized by the United States Army Corps of Engineers (Corps) or DEP?</p> |
|--|--|--|

If you check YES, please check the appropriate box(es) and include the authorization or permit number(s) and the date of issuance(s) with your application/registration form(s).

- Corps Nationwide Permit _____
- Corps Individual Permit _____
- Corps Pennsylvania State Programmatic General Permit _____
- DEP General Permit _____
- DEP Small Projects Permit _____
- DEP Individual Permit _____
- DEP Dam Permit _____
- DEP Waiver of Permit Requirements _____

- | | | |
|--------------------------|--------------------------|---|
| <input type="checkbox"/> | <input type="checkbox"/> | 5. Does your project involve the construction or expansion of a residential, commercial or institutional subdivision or development? If you check YES, answer question 6. |
| <input type="checkbox"/> | <input type="checkbox"/> | 6. Does greater than 0.25 acres of wetlands, not including those being directly impacted as part of this application, exist within the property boundary? If you check YES, provide acreage (_____ acres of wetlands) and answer question 7. |
| <input type="checkbox"/> | <input type="checkbox"/> | 7. Are you proposing to protect the wetland area(s) from secondary or indirect impacts, including but not limited to filling, draining, mowing, cutting or clearing through a deed restriction or conservation easement that follows the Model Conservation Instruments developed for the PASPGP-3. This model Conservation Instrument should be duly recorded and run in perpetuity with the land. If you check YES, attach a copy of the proposed deed restriction or conservation easement to this form and submit with your application/registration form. Model Deed Restriction and Conservation Easement templates are available at www.nab.usace.army.mil/Deed_Restriction/ . |



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

BUREAU OF WATERSHED MANAGEMENT
BUREAU OF WATERWAYS ENGINEERING

ENVIRONMENTAL ASSESSMENT FORM (E.A. FORM) INSTRUCTIONS

For more information,
please visit DEP's Web site at
www.depweb.state.pa.us, keyword: Water Management.

ENVIRONMENTAL ASSESSMENT FORM (E.A. FORM) INSTRUCTIONS AQUATIC HABITAT STUDIES

PART 1 - RESOURCE IDENTIFICATION

1. INDICATE WATER RESOURCES WHICH EXIST ON THE PROJECT SITE: For a desk analysis of the water resources which exist on the project site, refer to the United States Geological Service quadrangle maps for the project area. These maps are available for reference at the local county conservation district office. Refer to the telephone directory under the County for the Conservation District. Also, these maps may be purchased from one of the retail establishments listed on the internet at www.usgs.gov.

Floodway and Floodplain information is available from the Department of Community and Economic Development, Governor's Center for Local Government Services, Keystone Building, 400 North Street, Harrisburg, PA 17120, 1-888-223-6837. Federal Emergency Management Agency (FEMA) maps are often available for reference at county and municipal planning offices.

The Soil Survey for your county along with the list of hydric soils for the county are helpful office references regarding wetlands. These are available from the County Conservation District. Refer to telephone directory under the County for the Conservation District.

In identifying and delineating wetlands on site, the 1987 Corps Wetland Delineation Manual and the 1988 Wetland Plant List for the Northeast Region 1 are essential. They may be obtained by contacting the following:

- * The 1988 Wetland Plant List for the Northeast Region 1
Publication No. PB89-128680
Available from –
The National Technical Information Service (NTIS)
Springfield, VA 22161
Price: \$26.00 plus \$3.00 for shipping and handling
Major credit cards accepted
For information call: 703-487-4650
Fax orders call: 703-321-8547
- * The 1987 Corps Wetland Delineation Manual
Publication No. ADA 176734
Available from –
The National Technical Information Service (NTIS)
Springfield, VA 22161
Price: \$27.00 plus \$3.00 for shipping and handling
Major credit cards accepted
For information call: 703-487-4650
Fax orders call: 703-321-8547

2. FOR INFORMATION ON THE RESOURCES LISTED, THE FOLLOWING REFERENCES ARE HELPFUL:

U.S.G.S. quadrangle maps contain valuable information, such as wild, natural, or wilderness areas, and National wildlife refuges and sanctuaries.

A current PA Recreation Guide Map locating state parks, state forests and state game lands is available from DCNR by calling 1-888-PA-PARKS or from state-owned recreation areas in Pennsylvania.

ENVIRONMENTAL ASSESSMENT FORM (E.A. FORM) INSTRUCTIONS AQUATIC HABITAT STUDIES

Prime farm land information is available from the County Conservation District Office.

Be sure to mark either the "YES" or "NO" column for all questions.

- 3 & 4. Information on stocked waters and wild trout streams may be obtained from the Pennsylvania Fish and Boat Commission at:

Bureau of Fisheries
Division of Fisheries Management
450 Robinson Lane
Bellefonte, PA 16823-9620
Telephone: 814-359-5110

5. Copies of Chapter 93 are available from the Water Management Program in the DEP Regional Offices. A list of DEP Field Operations Regional Offices can be found in Appendix II of this section.
6. For information on National Wild or Scenic River corridors, and waterways designated as "Wild" or "Scenic" under the Pennsylvania Scenic Rivers Act, refer to Appendix IV. If your project area appears to be in a wild or scenic river corridor, contact the DCNR, Division of Greenways and Conservation Partnerships, Scenic Rivers Program, P.O. Box 8475, Harrisburg, PA 17105-8475, phone 717-787-2316.
7. Contact the Bureau of Water Standards and Facility Regulation in the appropriate DEP Regional Office for information on public water supplies. A list of DEP Field Operations Regional Offices can be found in Appendix II of this section.
8. Enclosure C - Description of Aquatic Habitat: This information is site-specific and is based on data collected in the project area, observations and best professional judgment. The level of detail necessary in this study should be discussed with the Department. Contact the Permitting and Technical Services Section of your DEP Regional Office to arrange a preapplication meeting. For projects affecting one acre or more of wetlands or projects impacting more than 200 feet of stream, please refer to the listed references in Appendix I of this section.

PART 2 - PROJECT DESCRIPTION

9. Project Impacts - Enclosure D

A. Discuss the Impacts:

If project will take place within or adjacent to any of the areas listed in 9A(1) through 9A(9), please discuss the proposed project's impact on the resource. Include the aerial extent of impacts such as the acreage of wetlands which will be filled, excavated, or inundated or the length of stream which will be relocated, enclosed, or inundated.

B. Discuss the Environmental Impacts:

Consider immediate and long term impacts on the entire local and regional ecosystems. Major areas of concern include:

- (1) Aquatic habitats - In addition to the items listed, please address the following concerns:
Does the project impact fisheries? Will the activity impair the ability of these

ENVIRONMENTAL ASSESSMENT FORM (E.A. FORM) INSTRUCTIONS

AQUATIC HABITAT STUDIES

watercourses to continue to provide habitat or aquatic species? Special attention should be given to wild and stocked trout streams. Does the project demonstratively reduce or degrade habitat for terrestrial, aquatic and, or avian species? Is the degradation significant in a local or regional context? Will the degradation have an effect on biodiversity?

- (2) Water Quantity and Streamflow - Please discuss the items listed.
- (3) Water Quality - In addition to the items listed, please address the following concerns: Does the project degrade the water quality? Does it have an impact on water quality to the extent that the watershed's designated water use is impaired? (Refer to question #5 designated water use as indicated in Chapter 93.)
- (4) Recreation - In addition to the items listed, please address the following concerns: Recreational boating may also need to be considered, regardless of the official designation, where there is a documented on-going use of the watercourse for boating, canoeing or other types of recreation.
- (5) Upstream And Downstream Property - Riparian rights are those rights which are derived from the ownership of real property underlying or bordering streams and rivers. The holder of riparian rights has no property right in the water itself but only a nonexclusive right to the water. No right to divert or consume a specific quantity of water is obtained. An individual's riparian right depends upon the equal rights of other riparian holders (upstream and downstream).

Historically, riparian rights have focused upon use. Recent court decisions also have held that riparian rights can be extended to the aesthetics of the watercourse for personal satisfaction or enjoyment. Riparian rights must be considered in cases where an increase or diminution of flow would result from the proposed activity and in cases where the direction of flow would be altered.

- (6) Other Environmental Factors - Include the impacts from any other environmental factors not specifically listed herein.

C. Environmental Impacts On Other Adjacent Land And Water Resources

Consideration should also be given to impacts of the project on adjacent water resources. Will the project adversely impact those resources indirectly, i.e. loss of hydrology, wildlife corridors, habitat, etc? Secondary impact assessment is intended to identify all potential permit issues and project impacts for the entire parcel of land.

D. Cumulative Environmental Impacts To The Resource

Identify and evaluate the cumulative impact of this project and other potential or existing projects like it. Cumulatively, do these piecemeal changes have a significant adverse impact on the resource?

E. Describe Additional Dams, Water Obstructions Or Encroachments

Dams, water obstructions and encroachments should be designed in consideration of future land use to assure proper adequacy for future development. The Department may require additional data relating to planning, subdivision and zoning.

**ENVIRONMENTAL ASSESSMENT FORM (E.A. FORM) INSTRUCTIONS
AQUATIC HABITAT STUDIES**

PART 3 - CERTIFICATION

The Environmental Assessment will not be accepted unless the form is signed and dated.

- * Note: Appendix II and III of this section provide addresses and telephone numbers for key DEP and U.S. Army Corps of Engineers' offices.

**ENVIRONMENTAL ASSESSMENT FORM (E.A. FORM)
APPENDIX I
AQUATIC HABITAT STUDIES**

Please consult the appropriate Regional Office before embarking on any of the studies listed below.

<p style="text-align: center;">WET II</p> <p>Assessment: WET II assesses wetland <u>functions and values</u>. It is a version of the Federal Highway Method (or Adamus Method) originally published as "A method for Wetland Functional Assessment, FHWA Report No. IP-82-24."</p> <p>Document: <u>Wetland Evaluation Technique (WET), Volume II: Methodology Operational Draft</u>; 271 pp. PB 89-143-028 (order number)</p> <p>Source: National Technical Information Service (NTIS) Springfield, VA 22161 1-800-553-6847</p>	<p style="text-align: center;">IFIM</p> <p style="text-align: center;">Instream Flow Incremental Methodology</p> <p>Assessment: IFIM assesses <u>stream habitat</u>. Plans (methodologies) of study, logic, and skills for decision-making are detailed in this technique.</p> <p>Document: <u>Instream Flow Methodology</u> PB80181100 (order number)</p> <p>Source: National Technical Information Service (NTIS) Springfield, VA 22151 1-800-553-6847</p> <p>Additional Information: National Conservation Training Center U.S. Fish & Wildlife Service Aquatic Resources Training (304) 876-7445</p>
<p style="text-align: center;">HEP</p> <p style="text-align: center;">Habitat Evaluation Procedure</p> <p>Assessment: HEP assesses <u>environmental impacts</u> and <u>establishes guidelines</u> for resource management. It utilizes a Habitat Suitability Index (HSI) which is a system of mathematical models employed to compute values for selected species from field measurements of habitat variables. Developed in 1980 by the United States Fish and Wildlife Service.</p> <p>Document: Habitat Evaluation Procedure PB81189896 (order number)</p> <p>Source: National Technical Information Service (NTIS) Springfield, VA 22161 1-800-553-6847</p> <p>Additional Information: National Conservation Training Center U.S. Fish and Wildlife Service Aquatic Resources Training (304) 876-7445</p>	<p style="text-align: center;">PAMHEP</p> <p style="text-align: center;">Pennsylvania Modified Habitat Evaluation Procedure</p> <p>Assessment: PAMHEP is the <u>Habitat Evaluation Procedure modified for specific use in Pennsylvania</u>. It is utilized by the Fish and Game Commissions and other agencies in the Commonwealth.</p> <p>Document: <u>PAMHEP Manual</u></p> <p>Source: The text is out of stock; 300 original copies were published.</p> <p>Cost: Not in print</p> <p>Contact Person: Mr. Richard McCoy United States Fish and Wildlife Service 315 South Allen Street, Suite 322 State College, PA 16801 (814) 234-4090 Mr. McCoy will supply a "loaner copy" that must be returned. It may be photocopied; 155 pages approximate.</p>

ENVIRONMENTAL ASSESSMENT FORM (E.A. FORM)

APPENDIX II

FIELD OPERATIONS REGIONAL OFFICES

Office	County Responsibility
<p>Southeast Office - (484) 250-5900 Assistant Regional Director Permit Coordinator 2 E. Main Street Norristown, PA 19401</p>	Bucks, Chester, Delaware, Montgomery, and Philadelphia
<p>Northeast Office - (570) 826-2511 Assistant Regional Director Permit Coordinator 2 Public Square Wilkes-Barre, PA 18711-0790</p>	Carbon, Lackawanna, Lehigh, Luzerne, Monroe, Northampton, Pike, Schuylkill, Susquehanna, Wayne, and Wyoming
<p>Southcentral Office - (717) 705-4700 Assistant Regional Director Permit Coordinator 909 Elmerton Avenue Harrisburg, PA 17110</p>	Adams, Bedford, Berks, Blair, Cumberland, Dauphin, Franklin, Fulton, Huntingdon, Juniata, Lancaster, Lebanon, Mifflin, Perry, and York
<p>Northcentral Office - (570) 327-3636 Assistant Regional Director Permit Coordinator 208 West Third Street, Suite 101 Williamsport, PA 17701</p>	Bradford, Cameron, Centre, Clearfield, Clinton, Columbia, Lycoming, Montour, Northumberland, Potter, Snyder, Sullivan, Tioga, and Union
<p>Southwest Office - (412) 442-4000 Assistant Regional Director Permit Coordinator 400 Waterfront Drive Pittsburgh, PA 15222-4745</p>	Allegheny, Armstrong, Beaver, Cambria, Fayette, Greene, Indiana, Somerset, Washington, and Westmoreland
<p>Northwest Office - (814) 332-6945 Assistant Regional Director Permit Coordinator 230 Chestnut Street Meadville, PA 16335-3481</p>	Butler, Clarion, Crawford, Elk, Erie, Forest, Jefferson, Lawrence, McKean, Mercer, Venango, and Warren

DEP CENTRAL OFFICE

Bureau of Watershed Management
Division of Waterways, Wetlands and Stormwater Management
 P.O. Box 8775
 Harrisburg, PA 17105-8775
 717-787-6827

Bureau of Waterways Engineering
Division of Dam Safety
 P.O. Box 8554
 Harrisburg, PA 17105-8554
 717-787-8568

**ENVIRONMENTAL ASSESSMENT FORM (E.A. FORM)
APPENDIX III
U.S. ARMY CORPS OF ENGINEERS DISTRICT OFFICES**

Delaware River Basin

Philadelphia District Corps of Engineers
Wanamaker Bldg.
100 Penn Square East
Philadelphia, PA 19107

Phone: 215-656-6725
Phone: 215-656-6729 (to report violations)
Fax: 215-656-6724

**Ohio River Basin
Portions of Lake Erie and
Genesee River Basins Located in Pennsylvania**

Pittsburgh District Corps of Engineers
Regulatory Branch
1000 Liberty Avenue
Pittsburgh, PA 15222

Phone: 412-395-7152
Fax: 412-644-4211

Susquehanna River Basin

Baltimore District Corps of Engineers
P.O. Box 1715
Baltimore, MD 21203-1715

Phone: 814-235-0570
Fax: 814-235-0576

Pennsylvania Scenic Rivers

LeTort Spring Run



1

Yellow Breeches Creek



2

Stony Creek



3

Pine Creek



4

Lehigh River



5

Bear Run



13

Tuquesan Creek



12

Octoraro Creek



11

Lower Brandywine Creek



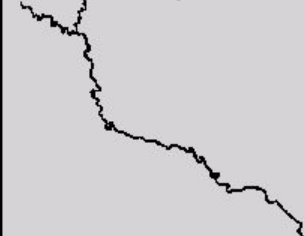
10

Tulpehocken Creek



9

Schuylkill River



8

Lick Run

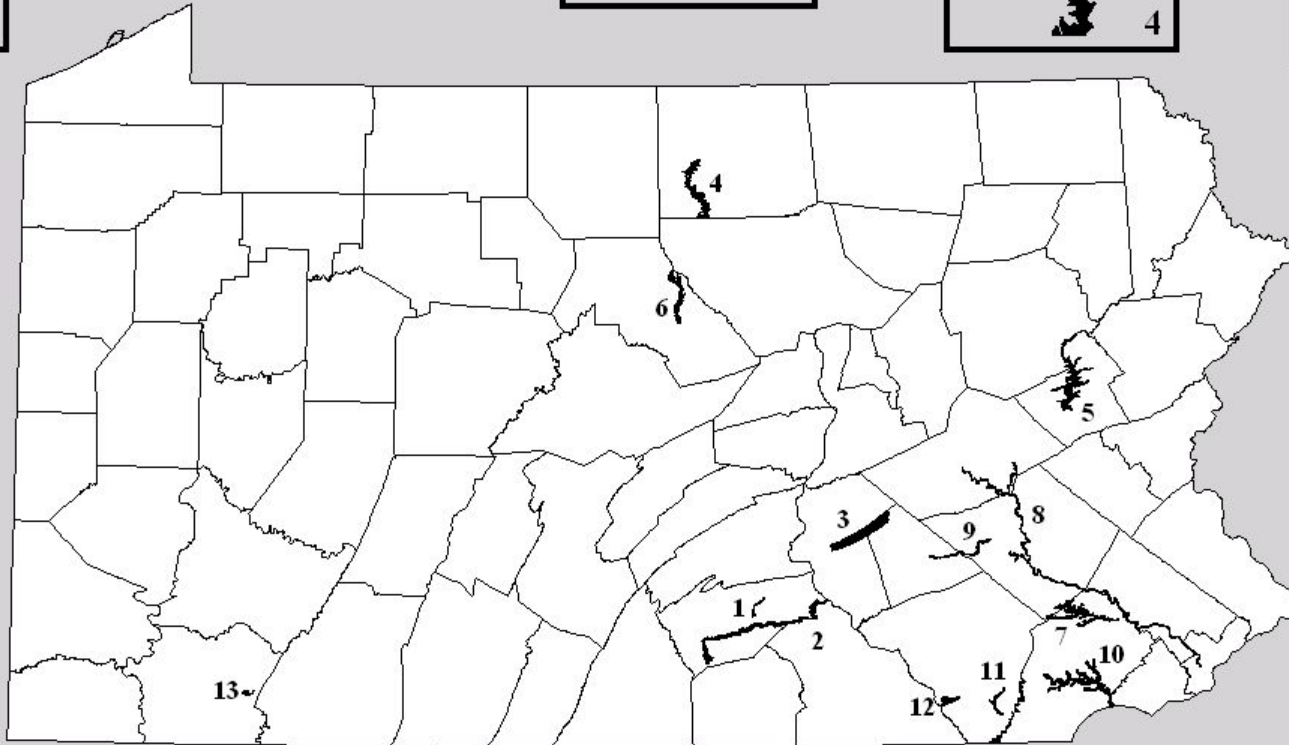


6

French Creek



7



**APPENDIX IV
(Continued)**

SCENIC RIVER	SEGMENT #	DESCRIPTION
Schuylkill River	1	SCHUYLKILL RIVER; from Port Clinton (Forks) to Cross Keys (Bridge).
Schuylkill River	2	SCHUYLKILL RIVER; from Cross Keys (Bridge) to Reading (Route 422 above Fritz Island).
Schuylkill River	3	SCHUYLKILL RIVER; from Reading (Route 422 Bridge over Fritz Island) to Douglassville (Bridge).
Schuylkill River	4	SCHUYLKILL RIVER; from Douglassville (Bridge) to Fairmount Dam.
Schuylkill River	5	WEST BRANCH SCHUYLKILL RIVER; from Route 209 (Highway) to Cressona Route 183 (Bridge).
Schuylkill River	6	SCHUYLKILL RIVER; from Cressona Route 183 (Bridge) to Auburn Basin (Spillway).
Schuylkill River	7	SCHUYLKILL RIVER; from Auburn Basin (Spillway) to Port Clinton (Forks).
Schuylkill River	8	LITTLE SCHUYLKILL RIVER; from Port Clinton (Forks) to New Ringgold Route 895 (Bridge).
Stony Creek	1	STONY CREEK and the three tributary streams; Rattling Run, Yellow Springs and Rausch Creek from headwaters in Lebanon County to the PA Game Lands 211 gate at Ellendale Forge.
Lehigh River	1	LEHIGH RIVER; from Francis E. Walter Dam to Benchmark 548 at Bear Mountain, Jim Thorpe, PA.
Lehigh River	2	BLACK (HAYES) CREEK; from Fourth Run to confluence with the Lehigh River.
Lehigh River	3	SANDY RUN; from the old railroad crossing to confluence with the Lehigh River.
Lehigh River	4	HICKORY RUN; from Hickory Run Lake to confluence with the Lehigh River.
Lehigh River	5	LESLIE RUN; from Poor Man's Pond to confluence with the Lehigh River.
Lehigh River	6	MUD RUN; from Panther Creek to confluence with the Lehigh River.
Lehigh River	7	DRAKES CREEK; from junction with unnamed tributary below Christmans, PA to confluence with the Lehigh River.
Lehigh River	8	STONY CREEK; from Yellow Run to confluence with the Lehigh River.
Lehigh River	9	BLACK CREEK; from Quakake Creek to confluence with the Lehigh River.
Lehigh River	10	BEAR CREEK; from unnamed tributary, below Bear Creek Dam to confluence with the Lehigh River.
Lehigh River	11	LITTLE BEAR CREEK; from headwaters to confluence with the Lehigh River.
Lehigh River	12	GLENN ONOKO FALLS; from headwaters to confluence with the Lehigh River.
Lehigh River	13	JEANS RUN; from headwaters to confluence with Nesquehoning Creek.
Lehigh River	14	NESQUEHONING CREEK; from confluence with Jeans Run to confluence with the Lehigh River.
French Creek	1	FRENCH CREEK; from Hopewell Lake to 1 mile downstream of Snowdens Bridge.
French Creek	2	SOUTH BRANCH FRENCH CREEK; from headwaters to confluence with French Creek.
French Creek	3	PINE CREEK; from headwaters to confluence with French Creek.
French Creek	4	ROCK RUN; from Harmonyville Road to confluence with French Creek.
French Creek	5	BEAVER RUN; from Fairview Road & Route 100 to confluence with French Creek.
French Creek	6	WEST BRANCH BIRCH RUN; from Shady Lane Road to confluence with Birch Run.
French Creek	7	BIRCH RUN; from headwaters to confluence with French Creek.
Lick Run	1	LICK RUN; from headwaters to PA Game Lands 89 gate at Farrandsville, PA.
Lick Run	2	WEST BRANCH LICK RUN; from headwaters to confluence with Lick Run.
Lick Run	3	ROBBINS RUN; from headwaters to confluence with Lick Run.

**APPENDIX IV
(Continued)**

SCENIC RIVER	SEGMENT #	DESCRIPTION
Lick Run	4	CAMPBELL RUN; from PA Game Lands 89 boundary to confluence with Lick Run.
Lick Run	5	STAVER RUN; from Hazard Road crossing to confluence with Lick Run.
Lick Run	6	CRAIG FORK; from Hazard Road crossing to confluence with Lick Run.
Octoraro Creek	1	OCTORARO CREEK; from Pine Grove Covered Bridge to PA/MD state line, including the 0.4 mile horseshoe bend in Chester County, at the state line.
Octoraro Creek	2	EAST BRANCH OCTORARO CREEK; from Township Routes 414 (Chester Co.) and 455 (Lancaster Co.) and the bridge to LR 15058 (Steelville Road).
Octoraro Creek	3	EAST BRANCH OCTORARO CREEK; from LR 15058 (Steelville Road) to LR 15025 (Eden Road).
Octoraro Creek	4	WEST BRANCH OCTORARO CREEK; from Meetinghouse Creek to confluence with Bowery Run.
Octoraro Creek	5	WEST BRANCH OCTORARO CREEK; from the Octoraro Water Company Dam to LR 36010 (Puseyville Rd).
Octoraro Creek	6	WEST BRANCH OCTORARO CREEK; from LR 36010 (Puseyville Road) to Octoraro Lake.
Octoraro Creek	7	STEWART RUN; from 2 miles upstream to confluence with West Branch Octoraro Creek.
LeTort Spring Run	1	LeTORT SPRING RUN; from Route 34 bridge to abandoned Reading Railroad bridge adjacent to LeTort Park, including Left Branch LeTort Spring Run from its source to confluence with the main stem.
LeTort Spring Run	2	LeTORT SPRING RUN; from abandoned Reading Railroad bridge adjacent to LeTort Park to Post Road, including mill race from Henderson Avenue to confluence with the main stem.
LeTort Spring Run	3	LeTORT SPRING RUN; from Post Road to confluence with Conodoguinet Creek.
Bear Run	1	BEAR RUN; from where the stream becomes perennial to the eastern edge of the tunnel under the B & O R/R grade.
Bear Run	2	BEAVER RUN; from the Tree/Teaberry Trail to confluence with Bear Run.
Tucquan Creek	1	TUCQUAN CREEK; from headwaters near Rawlinsville, PA to confluence of Clark Run.
Tucquan Creek	2	CLARK RUN; from headwaters at Mount Nebo, PA to confluence with Tucquan Creek.
Tucquan Creek	3	TUCQUAN GLEN (SEVEN STREAMS); from River Road (SR 3017) to confluence with the Susquehanna River.
Lower Brandywine Creek	1	BRANDYWINE CREEK; from the confluence of the East and West Branches Brandywine Creek to the PA/DE stateline, including the 1.1 mile horseshoe bend, Chester County, PA.
Lower Brandywine Creek	2	POCOPSON CREEK; from SR 842 to confluence with Brandywine Creek.
Lower Brandywine Creek	3	EAST BRANCH BRANDYWINE CREEK; from the Norfolk-Southern (formerly Penn Central) R/R overpass to confluence with Brandywine Creek.
Lower Brandywine Creek	4	VALLEY CREEK; from the Norfolk-Southern (formerly Penn Central) R/R overpass to confluence with East Branch Brandywine Creek.
Lower Brandywine Creek	5	WEST BRANCH BRANDYWINE CREEK; from the Wawaset Bridge to confluence with Brandywine Creek.
Lower Brandywine Creek	6	WEST BRANCH BRANDYWINE CREEK; from a point 1600 feet downstream of Modena Borough Boundary to Wawaset Bridge, including 1.8 miles of Green Valley Stream and 2.2 miles of an unnamed tributary in Newlin Township, from Glenhall to Cannery Road.
Lower Brandywine Creek	7	BROAD RUN; from Beacon Hill Road to confluence with West Branch Brandywine Creek.

**APPENDIX IV
(Continued)**

SCENIC RIVER	SEGMENT #	DESCRIPTION
Lower Brandywine Creek	8	BUCK RUN; from 1.4 miles upstream of Log Cabin Road to confluence with West Branch Brandywine Creek.
Lower Brandywine Creek	9	DOE RUN; from Fernwood Road to confluence with Buck Run.
Yellow Breeches Creek	1	YELLOW BREECHES CREEK; from SR 2004 bridge at Bowmansdale, PA to confluence with the Susquehanna River.
Yellow Breeches Creek	2	YELLOW BREECHES CREEK; from the backwater of Big Pond on Hairy Springs Hollow to SR 2004 at Bowmansdale, PA.
Yellow Breeches Creek	3	HAIRY SPRINGS HOLLOW; from its headwaters to the backwater of Big Pond.
Tulpehocken Creek	1	TULPEHOCKEN CREEK; from its headwaters near Kimmerlings Church, North Lebanon Township to Ramona Road (Township Road 560), Jackson Township.
Tulpehocken Creek	2	TULPEHOCKEN CREEK; from western boundary of property now or formerly owned by Carl Sensenig to SR 4010 bridge, at the entrance to Heidelberg Country Club.
Tulpehocken Creek	3	TULPEHOCKEN CREEK; from the base of Blue Marsh Dam to confluence with the Schuylkill River.
Tulpehocken Creek	4	CACOOSING CREEK; from State Hill Road bridge (SR 3023) to confluence with Tulpehocken Creek.
Pine Creek	1	PINE CREEK; from Marsh Creek to confluence with Fourmile Run.
Pine Creek	2	PINE CREEK; from Fourmile Run to confluence with Jerry Run.
Pine Creek	3	PINE CREEK; from Jerry Run to the Tioga/Lycoming County line.
Pine Creek	4	FOURMILE RUN; from Painter/Leetonia Road crossing to confluence with Pine Creek.
Pine Creek	5	RIGHT BRANCH FOURMILE RUN; from the Gaines/Shippen Township line to confluence with Fourmile Run.
Pine Creek	6	CAMPBELL RUN; from the Pine Creek Gorge Natural Area Boundary to confluence with Pine Creek.
Pine Creek	7	PINE ISLAND RUN; from the Pine Creek Gorge Natural Area Boundary to confluence with Pine Creek.



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
and
U.S. ARMY CORPS OF ENGINEERS

ENVIRONMENTAL ASSESSMENT FORM (E.A. Form)

PART 1 - RESOURCE IDENTIFICATION

1. Indicate water resources which exist on the project site.

Name of streams(s) and/or body of water (including wetlands) _____

Size of body of water (in acres) _____

Wetland - If wetlands are present at the project site, provide the following information relative to the person(s) or organization performing the wetland identification, delineation and related work:

Name

Organization/Company

Address

Telephone

QUALIFICATIONS

If wetlands are present, attach a copy of the wetland delineation report identified and labeled as **Enclosure A**. Include all field data sheets, denote the size (in acres) of the wetland. If this information details any physical information or features not shown in the "site plan" please attach additional plans which illustrate these features.

Enclosure A

PART 1 - RESOURCE IDENTIFICATION (continued)	YES	NO								
<p>2. <u>Is the site located within or adjacent to any of the following? Please mark either the "yes" or "no" column for each question.</u></p>										
<p>A. National, state or local park, forest or recreation area</p>	<input type="checkbox"/>	<input type="checkbox"/>								
<p>B. Natural, wild, or wilderness area</p>	<input type="checkbox"/>	<input type="checkbox"/>								
<p>C. National natural landmark</p>	<input type="checkbox"/>	<input type="checkbox"/>								
<p>D. National wildlife refuge, or Federal, state, local or private wildlife or plant sanctuaries</p>	<input type="checkbox"/>	<input type="checkbox"/>								
<p>E. State Game Lands</p>	<input type="checkbox"/>	<input type="checkbox"/>								
<p>F. Areas identified as prime farmland</p>	<input type="checkbox"/>	<input type="checkbox"/>								
<p>If not included in the permit application package, please attach a map (e.g. 1:2400 scale or greater) indicating the location of the project, all water resources and the features identified above. Label the map as <u>Enclosure B</u>.</p>	ENCLOSURE B									
<p>3. Is the water resource listed as stocked waters by the Pennsylvania Fish and Boat Commission?</p>	<input type="checkbox"/>	<input type="checkbox"/>								
<p>4. Is the water resource designated as a wild trout stream by the Pennsylvania Fish and Boat Commission?</p>	<input type="checkbox"/>	<input type="checkbox"/>								
<p>5. Is the water resource listed as High Quality or Exceptional Value in Title 25 Pa. Code Chapter 93?</p>	<input type="checkbox"/>	<input type="checkbox"/>								
<p>Indicate the stream classification found in Chapter 93. Classification _____</p>										
<p>6. Is the water resource designated as a National Wild or Scenic River or as part of the Commonwealth's Scenic Rivers System or classified as priority 1-A for inclusion in the system?</p>	<input type="checkbox"/>	<input type="checkbox"/>								
<p>7. Is the water resource part of or located along a private or public water supply?</p>	<input type="checkbox"/>	<input type="checkbox"/>								
(IF COMPLETING A SMALL PROJECT APPLICATION ADVANCE TO PART 3)										
<p>8. Provide a written narrative, identified and labeled as "<u>Enclosure C - Description of Aquatic Habitat</u>," discussing the following ecological functions:</p>	E N C L O S U R E C									
<p>A. Aquatic habitats including:</p>										
<p>(1) Food chain production</p>										
<p>(2) General habitat</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">a. Nesting</td> <td style="width: 50%;">e. Migration</td> </tr> <tr> <td>b. Spawning</td> <td>f. Feeding</td> </tr> <tr> <td>c. Rearing</td> <td>g. Escape Cover</td> </tr> <tr> <td>d. Resting</td> <td>h. Other</td> </tr> </table>			a. Nesting	e. Migration	b. Spawning	f. Feeding	c. Rearing	g. Escape Cover	d. Resting	h. Other
a. Nesting			e. Migration							
b. Spawning			f. Feeding							
c. Rearing	g. Escape Cover									
d. Resting	h. Other									
<p>(3) Habitat for threatened and endangered plant and animal species (Discuss results of the Pennsylvania Natural Diversity Inventory (PNDI) form)</p>										
<p>(4) Environmental Study Areas</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">a. Sanctuaries</td> <td style="width: 50%;"></td> </tr> <tr> <td>b. Refuges</td> <td></td> </tr> </table>	a. Sanctuaries		b. Refuges							
a. Sanctuaries										
b. Refuges										
<p>(5) If project proposes a stream relocation, a stream enclosure, or dredging, provide a description of the instream macroinvertebrate community.</p>										

PART 1 - RESOURCE IDENTIFICATION (continued)		ENCLOSURE Description of Aquatic Habitat
B. Water Quantity and Streamflow		
(1) Natural drainage patterns		
(2) Flushing characteristics		
(3) Current patterns		
(4) Groundwater discharge for baseflow		
(5) Natural recharge area for ground and surface waters		
(6) Storm and floodwater storage and control		
C. Water Quality		
(1) Preventing Pollution		
(2) Sedimentation control and patterns		
(3) Salinity distribution		
(4) Natural water filtration		
D. Recreation		
(1) Game Species		
(2) Non Game Species		
(3) Fishing		
(4) Hiking		
(5) Observation (plant/wildlife)		
(6) Other		
E. Upstream and Downstream Property		
F. Other Environmental Factors Determined by Site Investigation		
PART 2 - PROJECT DESCRIPTION		
9. <u>Project Impacts</u> For impacts to regulated waters of the Commonwealth, answer fully, completely and in detail the following questions; attach and label as <u>Enclosure D</u> .		
A. Discuss the impacts on:		
(1) National, state or local park, forest or recreation area		
(2) Natural, wild, or wilderness area		
(3) National, state, or local historic site		
(4) National natural landmark		
(5) National wildlife refuge		
(6) Cultural or archaeological landmarks		
(7) State Game Lands		

PART 2 - PROJECT DESCRIPTION (continued)		E N C L O S U R E D Project Impacts
(8)	Federal, state, local or private plant or wildlife sanctuaries	
(9)	Areas identified as prime farmland	
B. Discuss the environmental impacts on:		
(1)	Aquatic habitats including:	
a.	Food Chain production	
b.	General habitat	
(1)	Nesting	
(2)	Spawning	
(3)	Rearing	
(4)	Resting	
(5)	Migration	
(6)	Feeding	
(7)	Escape Cover	
(8)	Other	
c.	Habitat for threatened and endangered plant and animal species	
d.	Environmental Study Areas	
(1)	Sanctuaries	
(2)	Refuges	
(2)	Water Quantity and Streamflow	
a.	Natural drainage patterns	
b.	Flushing characteristics	
c.	Current patterns	
d.	Groundwater discharge for baseflow	
e.	Natural recharge area for ground and surface waters	
f.	Storm and floodwater storage and control	
(3)	Water Quality	
a.	Preventing Pollution	
b.	Sedimentation control and patterns	
c.	Salinity distribution	
d.	Natural water filtration	
(4)	Recreation	
a.	Game Species	
b.	Non Game Species	
c.	Fishing	
d.	Hiking	
e.	Observation (wildlife)	
f.	Other	
(5)	Upstream and downstream property	
(6)	Other Environmental Factors	

PART 2 - PROJECT DESCRIPTION (continued)	E N C L O S U R E D
<p>C. Identify all environmental impacts on other adjacent land and water resources associated with the construction, modification or operation of the dam, reservoir, water obstruction, or encroachment in the area of the project.</p>	
<p>D. Identify and evaluate the potential cumulative environmental impacts of this project and other potential or existing projects like it, and the impacts that may result through numerous piecemeal changes to the resource.</p>	
<p>E. Identify and describe all other dams, water obstructions or encroachments which may or will be needed, in addition to those described in this Application, to fulfill the purpose of the current project.</p>	

PART 3 - CERTIFICATION

I certify that the above statements, attachments including those labeled and identified as Enclosures, and all conclusions are true, correct, and based upon current environmental principles and science, to the best of my knowledge and belief.

Signature of Person Completing
the Environmental Assessment Form

Date

The Department may waive a specific information requirement in writing, at the request of the Applicant, during the pre-application review process if the Department determines that specific information is not necessary to review the application.

How to Use the PNDI Project Planning & Environmental Review Form

How do I access the PNDI Environmental Review Tool?

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

When do I use this form?

1. Before conducting the PNDI online search

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

2. After conducting the PNDI online search

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

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

Projects are considered “Large Projects” when the ENTIRE project is:

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

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

PNDI Form Definitions

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

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

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

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

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

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

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



Fact Sheet

Commonwealth of Pennsylvania • Department of Environmental Protection

PENNSYLVANIA STATE PROGRAMMATIC GENERAL PERMIT PASPGP-3

Introduction

PASPGP-3 is a federal Clean Water Act, Section 404 Permit that authorizes the discharge of dredge and fill material into waters of the United States. In most instances, PASPGP-3 can be issued by the Department of Environmental Protection (DEP) or a county conservation district with approved Chapter 105 water obstruction and encroachment permits. PASPGP-3 eliminates the need for dual and often redundant state and federal reviews, processing and permit issuance procedures.

The PASPGP-3 divides regulated activities into three categories based on the size of the activity and compliance with state and federal permit review standards.

Advantages of PASPGP-3

- Allows single agency review and processing;
- Simplifies the permit review process for the regulated community;
- Eliminates redundant reviews by the U.S. Army Corps of Engineers (Corps), U.S. Fish and Wildlife Service and U.S. Environmental Protection Agency (EPA);
- Improves program efficiency;
- Provides special protection for threatened and endangered species; and
- Maintains optimum level of environmental protection for the Commonwealth's natural resources provided under state and federal law.

How PASPGP-3 Works

Permit applications for work in wetlands, rivers, streams and other waters will be reviewed by DEP or the delegated county conservation district. Those applications for projects that have potential significant environmental impacts will be forwarded to the Corps for review. Applications not forwarded to the Corps will be processed entirely by DEP or the delegated county conservation districts.

PASPGP-3 places DEP and designated county conservation districts in the lead for processing approximately 80 percent of the state and federal permits.

Category 1 activities are not forwarded to the Corps for review:

- Activities waived at Chapter 105.12 (except waiver #2); and
- Activities authorized by a general permit (except for the gravel removal portion of the GP-3 and GP-15).

Category 2 activities are published in the Pennsylvania Bulletin for public comments and as notice to the federal agencies:

- Activities impacting less than one acre of wetland and other bodies of water; and
- Activities impacting less than 250 linear feet of stream.

Category 3 activities are forwarded to the Corps for review:

- Activities impacting wetlands within the 14-county range of the bog turtle;
- Activities impacting more than 250 linear feet of streams;
- Activities involving dams, weirs, fill or stream channelization in the Juniata and Susquehanna Rivers; and
- Activities in the Allegheny River from Kinzua Dam to its confluence with the Ohio River, French, LeBoeuf, Muddy, Conneauttee Creeks or Conneaut Outlet.

The Corps District will evaluate the application and either determine that the proposed action qualifies under PASPGP-3 or requires an individual Section 404 permit review.

Activities Related to Residential, Commercial and Institutional Developments (Subdivisions)

Effective July 1, 2007, work requiring a federal authorization in a residential, commercial, or institutional development (subdivision) containing greater than 0.25 acres of additional jurisdictional wetlands present within the project boundary but not proposed to be affected by the permitted work will be processed as a Category 3 activity.

If the permit applicant places a deed restriction or conservation easement on the property, and follows the Corps models for such conservation instruments, the permit may be authorized by DEP without being sent to the Corps as a Category 3 activity.

The following activities do not qualify for authorization under PASPGP-3

- Activities that will impact more than one acre of water or wetlands; and
- Activities in the following waterbodies:

Delaware River	and portions of the:
Beaver River	Schuylkill River
Little Beaver River	Lehigh River
Mahoning River	Youghiogheny River
Monongahela River	Allegheny River
Ohio River	Kiskiminetas River
Lake Erie	Ten Mile Creek

The Corps and DEP will process separate Section 404 and Chapter 105 authorizations in these waters.

For additional information contact:

<u>PERMITTING AND TECHNICAL SERVICES SECTION</u>	<u>COUNTY RESPONSIBILITY</u>	<u>PERMITTING AND TECHNICAL SERVICES SECTION</u>	<u>COUNTY RESPONSIBILITY</u>
Northcentral Regional Office 208 W. Third St., Suite 101 Williamsport, PA 17701 570-327-3574	Bradford, Cameron, Centre, Clearfield, Clinton, Columbia, Lycoming, Montour, Northumberland, Potter, Snyder, Sullivan, Tioga and Union	Southcentral Regional Office 909 Elmerton Ave. Harrisburg, PA 17110 717-705-4700	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
Northwest Regional Office 230 Chestnut St. Meadeville, PA 16335 814-332-6984	Butler, Clarion, Crawford, Elk, Erie, Forest, Jefferson, Lawrence, McKean, Mercer, Venango and Warren	Southwest Regional Office 400 Waterfront Dr. Pittsburgh, PA 15222-4745 412-442-4000	Allegheny, Armstrong, Beaver, Cambria, Fayette, Greene, Indiana, Somerset, Washington and Westmoreland

U.S. ARMY CORPS OF ENGINEERS

Delaware River Basin
Philadelphia District Corps of Engineers
Wanamaker Bldg.
100 Penn Square East
Philadelphia, PA 19107
Phone: 215-656-6725
Fax: 215-656-6724

Susquehanna River Basin
Baltimore District Corps of Engineers
P.O. Box 1715
Baltimore, MD 21203-1715
Phone: 410-962-5673
Fax: 410-962-6024

Ohio River Basin
Pittsburgh District Corps of Engineers
Room 1817 Federal Bldg.
1000 Liberty Ave.
Pittsburgh, PA 15222
Phone: 412-395-7152
Fax: 412-644-4211

or

Baltimore District Corps of Engineers
Pennsylvania Field Office
1631 South Atherton Street
State College, PA 16801
Phone: 814-235-0570
Fax: 814-235-0576

DEP CENTRAL OFFICE

Bureau of Watershed Management
Division of Waterways, Wetlands and Stormwater Management
P.O. Box 8775
Harrisburg, PA 17105-8775
717-787-6827
Fax 717-772-5986

For more information, visit DEP's Web site at www.depweb.state.pa.us, keyword: Wetlands.

For more information, visit DEP's Web site at www.depweb.state.pa.us,
keyword: Water Management.



Department of Environmental Protection
Office of Water Management
Division of Waterways, Wetlands and Stormwater Management
P.O. Box 8775
Harrisburg, PA 17105-8775