General Permits

Conditions and Specifications of the GP3
Before we begin...

- Ask yourself “Is a permit required?”
- Note: Chapter 105 GP’s are issued for activities that **encroach** upon or **obstruct** the **floodway**.
  - (if you’re not encroaching or obstructing, you don’t need a permit)!
Permit availability

- Permits can be found in two places:
  - The County Conservation District Office
  - Or DEP’s website (www.depweb.state.pa.us)
    1. permits, licensing, certifications,
    2. program specific permits,
    3. water management,
    4. water obstruction & encroachment,
    5. General Permit 3.
For all GP’s

- If you have a question about permit applicability... **READ THE PERMIT.**
- Before filling out and filing a GP... **READ THE PERMIT.**
- All necessary information about a GP can be learned by **READING THE PERMIT!**
Common GP’s

- GP’s we commonly review and issue are:
  - The GP3: Stream Bank Stabilization
  - The GP4: Intakes and outfalls
  - The GP6: Ag crossings
  - The GP7: Minor Road Crossings
  - The GP9: Ag activities (required by a cons plan)
A. **GENERAL DESCRIPTION AND FEES** - The Department of Environmental Protection hereby authorizes, by general permit, subject to the terms and criteria set forth below, the installation, operation, modification and maintenance of bank rehabilitation and protection projects and the removal of gravel bars in and along the regulated waters of this Commonwealth. **There is no registration fee required for a project authorized under this General Permit.**

- Used for “bank rehabilitation and protection projects.”
3. *Wetlands*

4. Has **time limitations** (Part 1 Sec.B.4)

5. Cannot be used to **relocate channels** or to construct **levees**

6. Cannot be used for more than **500 feet** of stream work

7. Cannot be used to install **tires** in the stream bank.

11. Cannot be used within 100 feet of “**wild**” streams as defined by the Wild and Scenic River program.
Section D, page 1-2...Design Criteria

1. No more than 500’ of stream
2. Activity may not constrict or enlarge the stream channel
3. Minimize in-stream work
4. Work during periods of low flow

Etc.
Section E, Page 1-3… Additional Criteria

2. Slope protection should be constructed with two layers

7. R-7 is the minimum rock size to be used for dumped rock protection

8. Slope and Dumped rock protection should not exceed 1.5:1 slopes.

9. Rip rap must be keyed into the stream bed a minimum of 2’

10. All disturbed slopes must be stabilized immediately following the completion of the project.
When Submitting a GP3

(From Instructions Page i) The reviewer will need to see...

- Location Map (www.topozone.com)
- PNDI Receipt and clearance letters
- Erosion & Sedimentation Plan
- Color Photo’s
- GP Registration Form, including:
  - Plan View
    - Includes location of E&S BMP’s
  - Cross section
    - Includes WSEL
To ensure the sketch plan is complete, include the following on the site plan in the immediate vicinity of the project.
(✓ all that apply)

YES ☐ N/A Stream Impacts with Dimensions
Total Length
Total sq. ft.

☐ Wetland Impacts
Total

☐ Wetland Acreage Onsite

☐ Stream Limits and Flow Direction

☐ Floodway Limits (if known)

☐ Limits of Earth Disturbance
Associated with this Activity

Yes ☐ N/A Stream Name

☐ Chapter 93 Stream Designation

☐ Location of Property Lines Relative to the Project

☐ Existing Utilities

☐ Proposed Utilities

☐ Existing Buildings, Roadways, Other Structures

☐ Proposed Buildings, Roadways, Other Structures

☐ Other Waters (i.e. pond, lakes)

---

This is considered a run, not a stream. Next summer it dries up completely.
To ensure the sketch plan is complete, include the following on the site plan in the immediate vicinity of the project:

- Stream Impacts with Dimensions
  - Total Length
  - Total Sq. Ft.

- Wetland Impacts
  - Total
  - Sq. Ft.

- Wetland Acreage

- Stream Limits and Flow Direction

- Roadway Limits (if known)

- Limits of Earth Disturbance

- Associated with this Activity

---

**SKETCH PLAN**

**REGISTRATION FORM**
(continued)

---

**PROJECT CROSS SECTIONS AND PLAN VIEWS**

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

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

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

---

The whole project might require 10-20 tons of large rock to be brought in. The rest of the material is available on site. There is one large gravel bar in the stream that we can take the top off for fill material. Need to rebuild the bank. Keep all 10-20 ft. of bank.

---

Benjamin Alleyne
(My Dad)'s property

---

My Dad's Property
SKETCH PLAN

To ensure the sketch plan is complete, include the following on the site plan in the immediate vicinity of the project:

- **Stream Impacts with Dimensions**: YES [ ] N/A [ ] Stream Name: Core Creek - Status: Known
  - Total Length: 250 ft.
  - Total sq. ft.: 100 sq. ft.

- **Wetland Impacts**: YES [ ] N/A [ ] Location of Property Lines Relative to the Project
  - Total Wetland Acreage Onsite: 5 acres
  - Stream Limits and Flow Direction: Proposed Utilities
  - Floodway Limits (if known): Existing Utilities
  - Limits of Earth Disturbance: Proposed Buildings, Roadways, Other Structures
  - Associated with this Activity: Other Waters (i.e., pond, lakes)

- **Unsanitary tributary to Stream Name**: N/A

- **Existing Utilities**: ~
  - Existing Buildings, Roadways, Other Structures

- **Proposed Utilities**: ~
  - Proposed Buildings, Roadways, Other Structures

- **Other Waters (i.e., pond, lakes)**: ~

**CROSS SECTIONS AND PLAN VIEWS**

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

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

- **Baseball Field**

- **CROSS SECTION A**
  - Grade to not closer than 6" of waterline
  - Stream Width 2 to 7 feet
  - Grade 4:1 to 5:1 where possible

- **PLAN**
  - Note: Following sediment removal, banks will be stabilized with woody and herbaceous plantings and seeding.
2006 "Negley’s Run" bank stabilization project area in Elizabethtown Community Park. Looking downstream, Chestnut Street bridge in foreground to area of double deciduous trees to the right of the shed in the background.

February 11, 2006
REGISTRATION FORM
(continued)

Dean Heffentrager
(Applicant Name)

SKETCH PLAN

To ensure the sketch plan is complete, include the following on the site plan in the immediate vicinity of the project.

(✓ all that apply)

YES N/A

Stream Impacts with Dimensions

Stream Length 125 FT

Total sq. ft.

Wetland Impacts

Total sq. ft.

Wetland Acreage Onsite

Stream Limits and Flow Direction

Floodway Limits (if known)

Existing Buildings, Roadways, Other Structures

Proposed Buildings, Roadways, Other Structures

Other Waters (i.e., pond, lake).

Yes No

Stream Name Little Muddy Creek

Chapter 93 Stream Designation [Type]

Location of Property Lines Relative to the Project

Existing Utilities

Proposed Utilities

Limits of Earth Disturbance Associated with this Activity

- 5 -

PROJECT
CROSS SECTIONS AND PLAN VIEWS

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

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

- 8 -
Pennsylvania Natural Heritage Program (PNHP) and the PNDI Environmental Review Tool

www.naturalheritage.state.pa.us
Searching on the PNDI System

- 3 types of searching tools:
  - Point- (small, specific search area)
  - Line (typically used for utility lines such as gas, oil, etc)
  - Polygon (most projects will use this feature)

Each tool is for a specific type of project!
PNDI Receipts

Four Possible Outcomes…

1. **“No Impact”**- No further coordination is required

2. **“Potential Impact”**- Coordination with the jurisdictional agency (agencies) is required.

   - Agencies can include USFW; PA Fish & Boat; DCNR
3. “Potential Impact with Avoidance Measures”- If avoidance measures can be met, no further coordination is required. *The applicant (owner/operator) must be made aware of any special conditions and agree to follow the instructions.*

- A copy of the E&S plan with any special PNDI conditions should be given to the owner.
4. "Potential Impact with Conservation Measures" - Conservation measures are suggested but not required in most cases. Conservation measures are usually coordinated with DEP; no further coordination is required for PNDI clearance.
Clearance letters from jurisdictional agencies should be received before submitting the General Permit package to the technician.
Who Signs??

- If possible, have the applicant sign the PNDI receipt...if that is not possible, you may sign instead.

- If the PNDI receipt has *avoidance measures or conservation measures*, the applicant should sign off and know that they are responsible for following the conditions.

- All pages of the receipt should be initialed.
The End

Questions??