

**PETERS CREEK SANITARY AUTHORITY**  
3502 LINCOLN AVENUE  
P.O. BOX 3  
FINLEYVILLE, PENNSYLVANIA 15332  
TELEPHONE: (724) 348-6860 FAX: (724) 348-6630

March 31, 2023

## Snee Road Emergency Plan

Snee Road Interceptor Sanitary Sewer Line  
(Located past the removed Snee Road Bridge over Peters Creek)



# PETERS CREEK SANITARY AUTHORITY

## **Document Purpose:**

The purpose of this document is to outline an “Emergency Plan” to be proactively prepared for any emergency situation to the Peters Creek Sanitary Authority (PCSA) Interceptor sanitary sewer line and metering pit off of Snee Road across the former Snee Road Bridge. This is vital to the PCSA residential, commercial and governmental customers to resolve any sewage disruption of services in that 5,000+ LF of inaccessible area on the other side of the Peters Creek now that the Snee Road Bridge has been removed. If there is an incident causing a disruption of service due to blockage, loss of power, or other natural or manmade action to the Interceptor sanitary sewer line in that area across Peters Creek to the Allegheny County line, there could possibly be an overflow of sewage into the environment or into residential, commercial and governmental properties back through the Interceptor sanitary sewer line. The removal of the Snee Road Bridge and the limited access to the 5,000+ LF of constructed sanitary sewer pipe, manholes, and the system metering station has brought to the attention of the PCSA management and the Board of Directors, the importance of ensuring that access to this area is readily available. The area contains rugged terrain and PCSA requires access to prevent any PCSA customer property or environmental damage that could be caused by a breach of the system. Furthermore, access is essential to maintain routine service for the PCSA system integrity.

## **Background:**

The PCSA provides sewage services to customers of Finleyville Borough, Nottingham Township, Peters Township, Union Township and parts of North Strabane Township encompassing 4,378 property owner residential sanitary sewer accounts and 4,935 Equivalent Dwelling Units (EDUs). Additionally, there are 120 commercial and government accounts that all vary in numbers. Washington County removed a bridge across Peters Creek on Snee Road in November, 2022. Snee Road Bridge was used as access to the constructed PCSA Interceptor sanitary sewer line running along the creek to a metering station and continuing into Allegheny County. The Interceptor sewer line collects all of the PCSA customer sewage flow from the entire PCSA service area then flows through a metering station and continues flowing through the Interceptor sewer line to the Clairton Municipal Authority (CMA) Wastewater Treatment Plant. Any disruption or blockage to the sewage flow and/or metering station could result in a disruption of service, a backup and/or overflow of sewage into the environment and potential customer property damage. Any blockage that occurs on the Interceptor sewer line must be dealt with promptly to continue service and limit any environmental or property damage.

The PCSA Board of Directors believes the access to its system and property in the designated area is crucial to ensure continued customer service and environmental safety. So with the Snee Road Bridge recently removed, quick access to the 5,000+ LF of Interceptor sewer line and the metering station past the Peters Creek cannot occur. PCSA understands that it is necessary to be proactive in establishing an emergency plan to deal with any vulnerabilities that may occur to its infrastructure. Even without an emergency, PCSA needs access on the other side of Peters Creek from the former Snee Road Bridge to do routine maintenance checks on the PCSA Interceptor sewer line being part of the PCSA service area. PCSA has identified the opposite side of the Peters Creek and beyond where the Snee Road Bridge was formerly located to the Allegheny County line for 5,000+ LF as a significant lengthy area that is crucial to PCSA proper system operations. The PCSA Board believes in taking a proactive approach by having an emergency plan in place and working with Union Township and Washington County is essential to reach a

## **PETERS CREEK SANITARY AUTHORITY**

suitable arrangement to ensure access to the area across Peters Creek from the former Snee Road Bridge. PCSA recognizes that it will take time and funding to guarantee more of an equitable long-term solution; however, establishing the emergency plan helps to be better prepared for any possible problems that may occur.

### **Emergency Plan:**

The technical portion of the plan, the “Snee Road Emergency Plan,” that follows this discussion, was developed by Lennon, Smith, Souleret Engineering (LSSE), the PCSA consulting engineers. LSSE Engineers and Surveyors, documented information on contacts, contractors, property owners, regulatory agency contacts, and other information necessary to identify and assess any possible issue that could arise. Also, the plan identifies any materials that may be necessary to be securely pre-staged in the area.

Once an issue that needs resolved has been discovered, the PCSA Authority Manager will notify the PCSA engineers and the PCSA Board Chairman of the incident. Jointly, the Authority Manager and the engineers will identify the actions that need to be taken and the appropriate governmental bodies that need to be contacted. The Authority Manager will be the person responsible for taking charge and coordinating all activities.

The process listed under “General Notes” will be followed to abate any issue that may arise. While the PCSA Authority Manager directs the activities from a managerial, technical and operational position, it will be the responsibility of the PCSA Assistant Authority Manager in a timely manner to notify all affected parties and regulatory agencies of current progress and any estimates on the amount of time until the situation is resolved and sewage service restored.

### **Emergency Plan Review:**

Following each incident, the PCSA staff, Board of Directors, and engineers will be briefed in a timely manner on the emergency situation to discuss the incident response. The PCSA Authority Manager, Chairman, Board of Directors, and the engineers will identify any weakness and modifications to this document and recommend any changes for future purposes.

### **Emergency Plan Distribution:**

Copies of this plan will be provided to the appropriate Washington County Agencies, the PCSA Member Municipalities and the regulatory agency area Emergency Coordinator.

**PETERS CREEK SANITARY AUTHORITY**

**FORMER SNEE ROAD BRIDGE**



## **Snee Road Emergency Plan**

Peters Creek Sanitary Authority

April 19, 2023

### **A. Underground Utility Maintenance Contractors:**

#### **-Jet Jack**

Address: 5020 Thoms Run Road, Oakdale, PA 15071  
Phone: 412-221-1113 (office)  
412-337-6397 (Dave Keil – emergency contact)  
Email: bwolfe@jetjackinc.com

#### **-Insight Pipe Contracting**

Address: 232 East Lancaster Road, Harmony, PA 16037  
Phone: 724-452-6060 (office)  
412-807-9516 (Jeremiah Pullinger – emergency contact)  
Email: jeremiah.pullinger@insightpipe.com / john.lang@insightpipe.com

#### **-Robinson Pipe Cleaning**

Address: 2656 Idlewood Road, Pittsburgh, PA 15205  
Phone: 412-921-2100 (office)  
724-321-4666 (Mike Long – emergency contact)  
Email: truby@robinsonpipe.com / long@robinsonpipe.com

### **B. Underground Utility Repair Contractors:**

#### **-Strnisha Excavation**

Address: 109 Veronica Drive, Canonsburg, PA 15317  
Phone: 724-746-2706 (office)  
724-350-1561 (Vince Strnisha – emergency contact)  
Email: vincestrnisha@yahoo.com / carolstrnisha@yahoo.com

#### **-Millington Excavating**

Address: 1519 Sugar Run Road, Venetia, PA 15367  
Phone: 724-255-9467  
Email: millingtonexc@hotmail.com

#### **-Stefanik Next Generation Contracting**

Address: 2267 Todd Road, Aliquippa, PA 15001  
Phone: 724-788-1980 (office)  
724-624-1549 (JJ Stefanik – emergency contact)  
Email: jj@stefanikscontracting.com

### **C. Local Property Owner Contact**

#### **-Waste Management – Technical Service Center**

Phone: 833-667-5458  
800-963-4776

#### **-Jeremiah & Solomon James Property**

### **D. Regulatory Contacts**

#### **-Washington County Conservation District (WCCD) – Ian Reinstadtler**

Phone: 724-705-7098 (Ext. 209)

#### **-Pennsylvania Department of Environmental Protection (PaDEP) – Terry Mattis**

Phone: 724-769-1056

### **E. General Notes:**

-Upon discovery and/or notification of an issue related to the PCSA Interceptor past the now demolished Snee Road Bridge (see attached PCSA GIS mapping – refer to Figure 1), PCSA to coordinate with the above contractors to complete temporary stream crossing and emergency operations (CCTV/Jetting/Vacuuming) as may be required.

-For utility truck and/or jet/vac truck access, install temporary stream crossing per Figure 3 and 4 as required. General location of temporary stream crossing shown on Figure 1.

\*During installation of temporary stream crossing structure(s), contractor will be responsible to bypass pump (per attached detail “Temporary Bypass Pump” – Figure 5).

-For any wetland crossing, contractor to install wood mats in accordance with attached detail “Typical Wood Mat for Wetland Crossing” – Figure 6.

-After successful stream crossing, contractor will be responsible to construct access roads as may be necessary.

-Prepare an Emergency Stream Crossing General Permit for submission to the Washington County Conservation District (WCCD) and Pennsylvania Department of Environmental Protection (PaDEP) (see Figure 2 for template). Emergency Stream Crossing General Permit to be accompanied by Aquatics Resource Impact Table, photographs of project site, an exhibit, a project description, a PNDI, a FIRMette, and a wetland delineation (or a portion of the above information as may be available).

-PCSA to stockpile stone and pipe for temporary stream crossing in quantities per Section H. [\*\*\*LOCATION OF STOCKPILE TO BE DETERMINED\*\*\*]

## **F. Local Stone Suppliers**

### **-Coolspring Stone Supply**

Address: 850 N. Gallatin Avenue Ext., Uniontown, PA 15401  
Phone: 724-437-8663

### **-Heidelberg Materials - Rich Hill Quarry**

Address: 488 Rich Hill Road, Connellsville, PA 15425  
Phone: 724-626-0080

## **G. Local Pipe Suppliers**

### **-Cox Piping Supply**

Address: 3125 Lento Blvd., Bethel Park, PA 15102  
Phone: 412-831-8100

### **-Interstate Pipe & Supply**

Address: 849 Henderson Avenue, Washington, PA 15301  
Phone: 888-850-7473

## **H. Associated Costs**

\*Assumes 8-hour workday, one temporary stream crossing and PCSA to stockpile the stone/pipe for temporary stream crossing beforehand.

1. Stone (R-4 or R-3 Rip-Rap)
  - i. Unit Price - \$20.00/Ton
  - ii. Quantity Required – 140 Ton
  - iii. Total Estimated Cost - \$2,800.00 + delivery
  
2. Corrugated Pipe (12” N-12 HPDE)
  - i. Unit Price - \$8.50/LF
  - ii. Quantity Required – 265 LF
  - iii. Total Estimated Cost - \$2,252.50 + delivery
  
3. Temporary Stream Crossing Installation/Maintenance/Removal
  - i. Total Estimated Cost - \$18,680
  
4. Emergency Operations - CCTV/Jetting/Vacuuuming
  - i. Total Estimated Cost - \$7,792.00

## **I. General Sequence of Work**

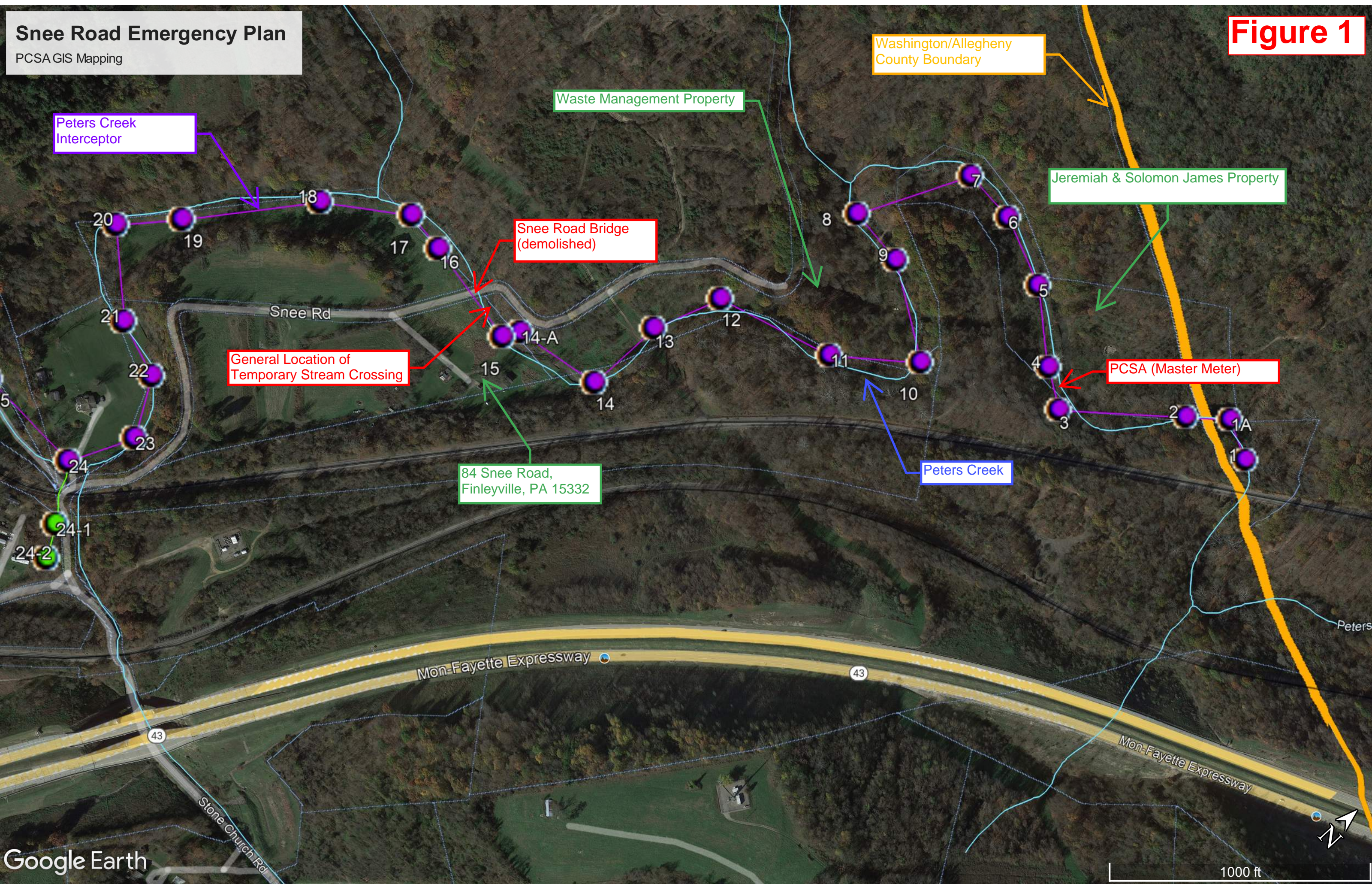
1. PCSA to assess location of emergency.
2. PCSA to notify designated contractors to complete:
  - i. Temporary Stream Crossing
  - ii. Emergency Operations
3. PCSA to notify WCCD and PaDEP of emergency.
4. Stream crossing to be installed by contractor per Section E.
5. Contractor to complete emergency operations as may be required, including use of wood mats and construction of access roads per Section E. Temporary stream crossing to be maintained as required during emergency operations.
6. PCSA to prepare Emergency Stream Crossing General Permit and submit to WCCD and PaDEP per Section E.
7. WCCD and/or PaDEP to inspect site for any corrective actions.
8. Following WCCD/PaDEP approval of emergency operations and any required corrective actions, stream crossing to be removed by contractor per Section E.



# Snee Road Emergency Plan

PCSA GIS Mapping

## Figure 1



**Figure 2**

DEF \_\_\_\_\_  
 EP \_\_\_\_\_  
 PASPGP Authorization Included  
 Yes  No  
 PNDI receipt # \_\_\_\_\_  
 potential impacts  Yes  No  
 if yes, species  State  Federal

**EMERGENCY PERMIT**

<b>SECTION A. PERMITTEE</b>	<b>SECTION B. SITE LOCATION DATA (Attach 8½ x 11 copy)</b>
Peters Creek Sanitary Authority _____ (Name) 3502 Lincoln Avenue - P.O. Box 3 _____ (Mailing Address) Finleyville, PA _____ 15332 _____ (City and State) (Zip Code) ( 724 ) 348-6860 _____ ( 724 ) 825-3701 _____ (Home Telephone #) (Work Telephone #)	Peters Creek _____ (Stream Name) Union Township _____ (Municipality) Washington _____ (County) _____ Latitude: _____ Longitude: _____ (7½ min. Quad Name)

**SECTION C. PROJECT DATA (DESCRIPTION OF WORK)**

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**SECTION D. PERMIT CONDITIONS**

- Contact and advise the Pennsylvania Fish and Boat Commission's Southwest Regional Office as to when the work will begin and when the work has been completed at telephone number ( 814 ) 445-8974.
- Contact the Washington County Conservation District at telephone number ( 724 ) 705-7098 prior to commencement of work.
- An Erosion and Sediment Control Plan, meeting the requirements of Chapter 102, must be implemented during and after construction and available on the project site.
- All work will be accomplished from the stream bank. In those cases where this is **not** possible, the use of equipment in the stream channel is to be minimized.
- All excavated material shall be disposed of beyond the limits of the floodplain.
- Secure all other approvals that may be necessary under other Federal, State or local regulations.
- This approval does not give any property rights, either in real estate or material, nor any exclusive privileges, nor shall it be construed to grant or confer any right, title, easement, or interest, in, to, or over any land belonging to the Commonwealth of Pennsylvania; neither does it authorize any injury to private property or invasion of private rights.
- Notify the affected municipality as soon as possible verbally and provide a follow-up notice in writing within forty-eight (48) hours from the issuance of this permit.
- SPECIAL CONDITIONS** as follows:  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**THIS PERMIT WILL EXPIRE IN 30 DAYS UNLESS WRITTEN PERMISSION EXTENDING THAT TIME IS ISSUED BY THE DEPARTMENT.**

**SECTION E. APPROVAL**

APPROVED BY _____	DATE _____	SIGNATURE OF PERMITTEE _____	DATE _____
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- |   |   |  |
|---|---|--|
| <input type="checkbox"/> PA Fish and Boat Commission  | <input type="checkbox"/> U.S. Fish and Wildlife Service | <input type="checkbox"/> DEP, Central Office |
| <input type="checkbox"/> County Conservation District | <input type="checkbox"/> U.S. Army Corps of Engineers   |  |

**EMERGENCY PERMIT**  
(continued)

Peters Creek Sanitary Authority \_\_\_\_\_  
Applicant Name

**EMERGENCY PERMIT SKETCH PLAN**

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

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

Scale 1" = \_\_\_\_\_ ft.

## DEPARTMENT OF ENVIRONMENTAL PROTECTION REGIONAL OFFICES

### Bureau of Oil and Gas Management Surfaces Permitting Section

### County Responsibility

*(activities associated with oil and gas activities)*

#### Northwest Regional Office

230 Chestnut Street  
Meadville, PA 16335  
(814) 332-6860

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

#### Southwest Regional Office

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

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

#### Eastern Regional Office

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

Adams, Bedford, Berks, Blair, Bradford, Bucks, Carbon,  
Cameron, Centre, Chester, Clearfield, Clinton, Columbia,  
Cumberland, Dauphin, Delaware, Franklin, Fulton,  
Huntingdon, Juniata, Lackawanna, Lancaster, Lebanon,  
Lehigh, Luzerne, Lycoming, Mifflin, Monroe, Montgomery,  
Montour, Northampton, Northumberland, Perry, Philadelphia,  
Pike, Potter, Schuylkill, Snyder, Sullivan, Susquehanna,  
Tioga, Union, Wayne, Wyoming and York

### Permitting and Technical Services Section

### County Responsibility

*(activities not associated with oil and gas activities)*

#### Northcentral Regional Office

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

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

#### 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

#### Northwest Regional Office

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

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

#### Southcentral Regional Office

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

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

#### Southeast Regional Office

2 East Main Street  
Norristown, PA 19401-4915  
(484) 250-5970

Bucks, Chester, Delaware, Montgomery and  
Philadelphia

#### Southwest Regional Office

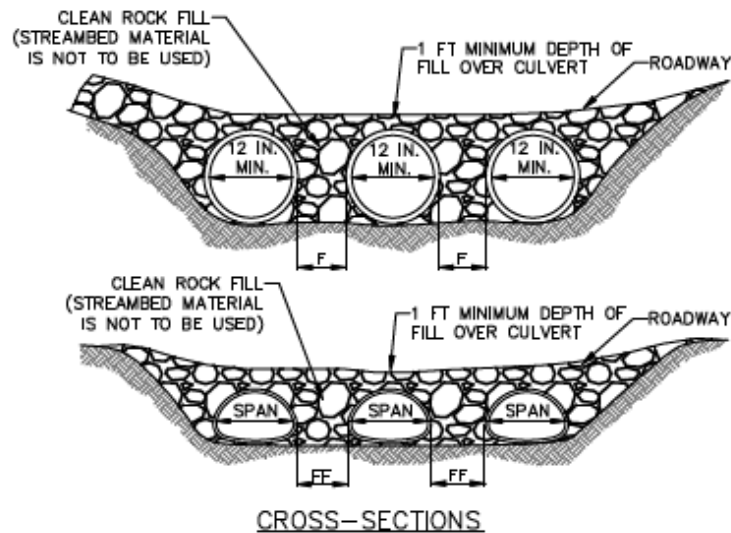
400 Waterfront Drive  
Pittsburgh, PA 15222-4745  
(412) 442-4000

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

**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

# Figure 3



## NOTES:

MULTIPLE PIPES AND MULTIPLE SPAN BRIDGES AND CULVERTS WHICH MAY TEND TO COLLECT DEBRIS, CONTRIBUTE TO THE FORMATION OF ICE JAMS AND INCREASE HEAD LOSSES SHALL BE AVOIDED TO THE MAXIMUM EXTENT PRACTICABLE. CROSSINGS OF LESS THAN 15 FEET SHALL BE BY ONE SPAN, EXCEPT WHERE CONDITIONS MAKE IT IMPRACTICAL TO AFFECT THE CROSSING WITHOUT MULTIPLE SPANS (SECTION 105.162).

SEE TABLE 3.5 OF THE PA DEP EROSION CONTROL MANUAL FOR DISTANCE VALUES 'F' AND 'FF'. FOR ARCH PIPES, USE CLOSEST AVAILABLE STANDARD SIZES THAT PROVIDE THE SAME WATERWAY OPENING AREA SHOULD SIZES WITHIN THE TABLE BE UNAVAILABLE.

PROVIDE 50' STABILIZED ACCESS TO CROSSING ON BOTH SIDES OF STREAM CHANNEL (SEE STANDARD CONSTRUCTION DETAIL #3-12).

PIPES SHALL EXTEND BEYOND THE TOE OF THE ROADWAY.

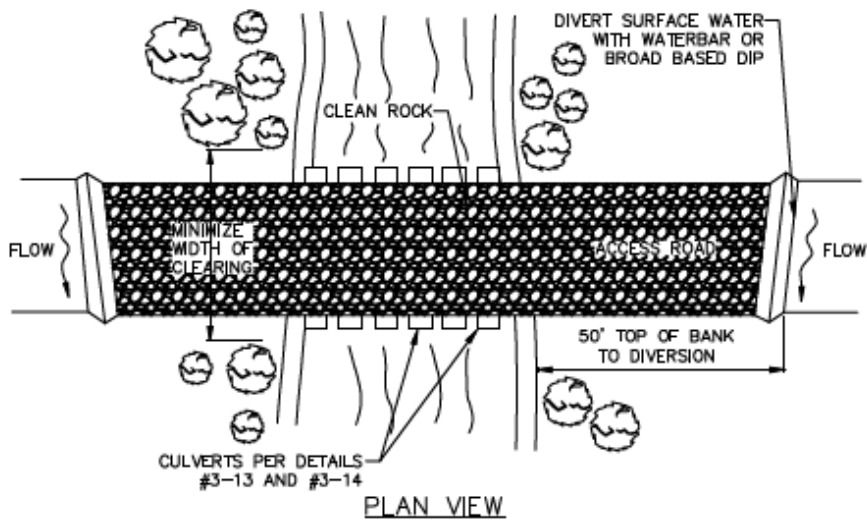
RUNOFF FROM THE ROADWAY SHALL BE DIVERTED OFF THE ROADWAY AND INTO A SEDIMENT REMOVAL BMP BEFORE IT REACHES THE ROCK APPROACH TO THE CROSSING.

## MAINTENANCE

1. TEMPORARY STREAM CROSSINGS SHALL BE INSPECTED ON A DAILY BASIS.
2. DAMAGED CROSSINGS SHALL BE REPAIRED WITHIN 24 HOURS OF THE INSPECTION AND BEFORE ANY SUBSEQUENT USE.
3. SEDIMENT DEPOSITS ON THE CROSSING OR ITS APPROACHES SHALL BE REMOVED WITHIN 24 HOURS OF THE INSPECTION.

AS SOON AS THE TEMPORARY CROSSING IS NO LONGER NEEDED, IT SHALL BE REMOVED. ALL MATERIALS SHALL BE DISPOSED OF PROPERLY AND DISTURBED AREAS STABILIZED.

# Figure 4



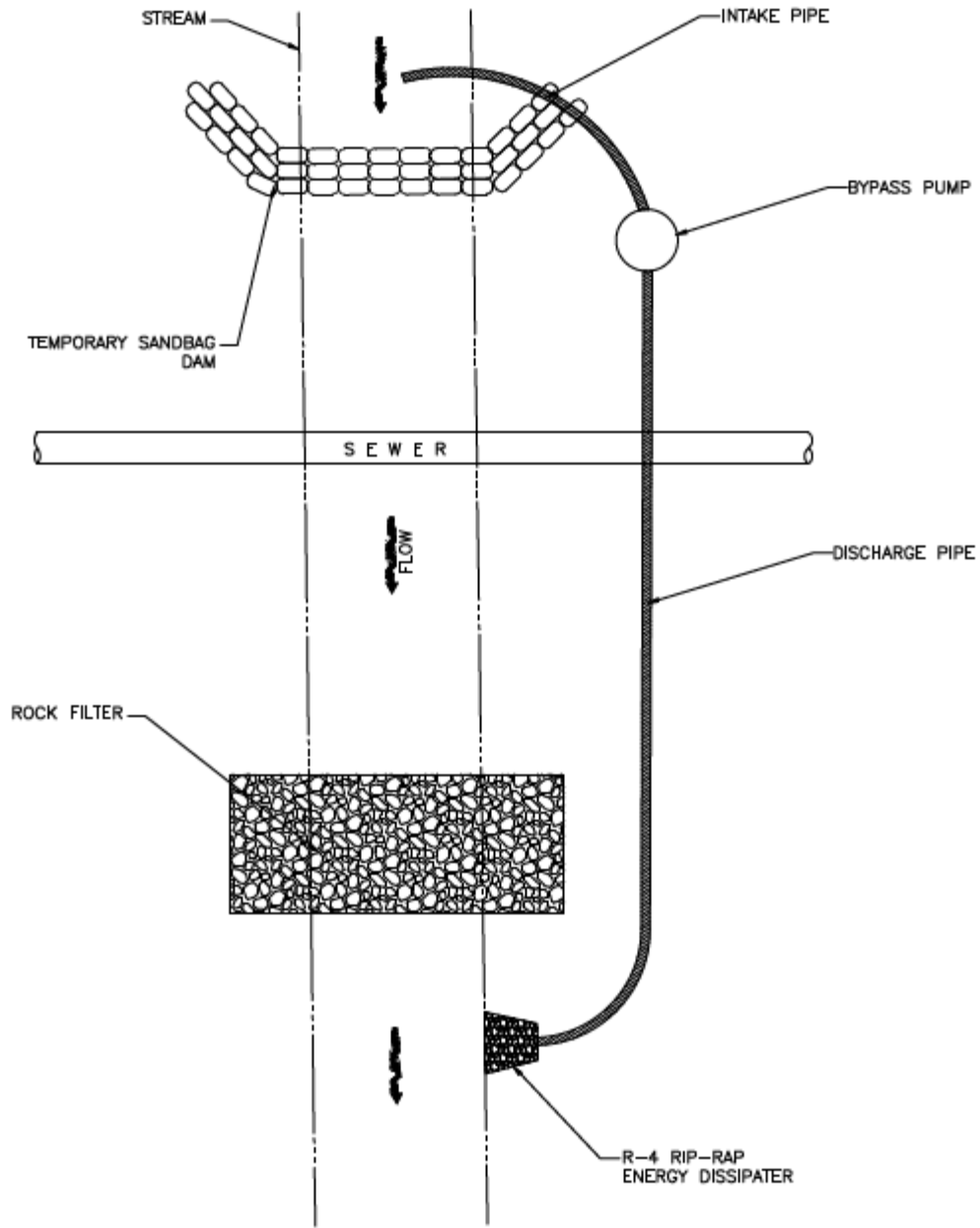
## NOTES:

WATERBARS AND BROAD-BASED DIPS SHALL DISCHARGE TO SEDIMENT REMOVAL FACILITY.

CLEAN ROCK SHALL CONFORM TO CHAPTER 105 PERMITTING REQUIREMENTS.

FOLLOW PERMIT CONDITIONS REGARDING REMOVAL OF CROSSING.

**Figure 5**



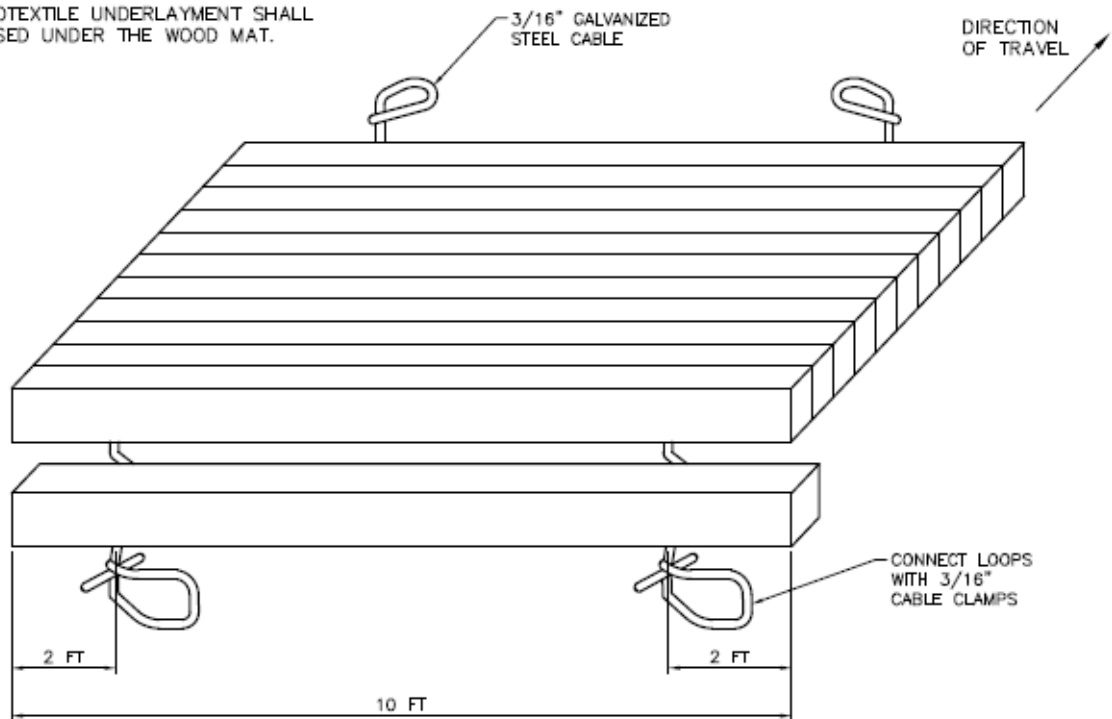
TEMPORARY BYPASS PUMP

N.T.S.

# Figure 6

NOTE:

1. ALL WOOD MEMBERS ARE 4"x4".
2. A GEOTEXTILE UNDERLAYMENT SHALL BE USED UNDER THE WOOD MAT.



## TYPICAL WOOD MAT FOR WETLAND CROSSING

NOT TO SCALE