

*Atlantic Sunrise Project – PA DEP Chapter 105 Joint Permit Application
Transcontinental Gas Pipe Line Company, LLC
Susquehanna County*

**ATTACHMENT B -1
APPLICATION FEE WORKSHEET**



CHAPTER 105 FEE(S) CALCULATION WORKSHEET

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

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

EXEMPT from fees

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

ALL OTHERS:

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

NOTES:

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

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

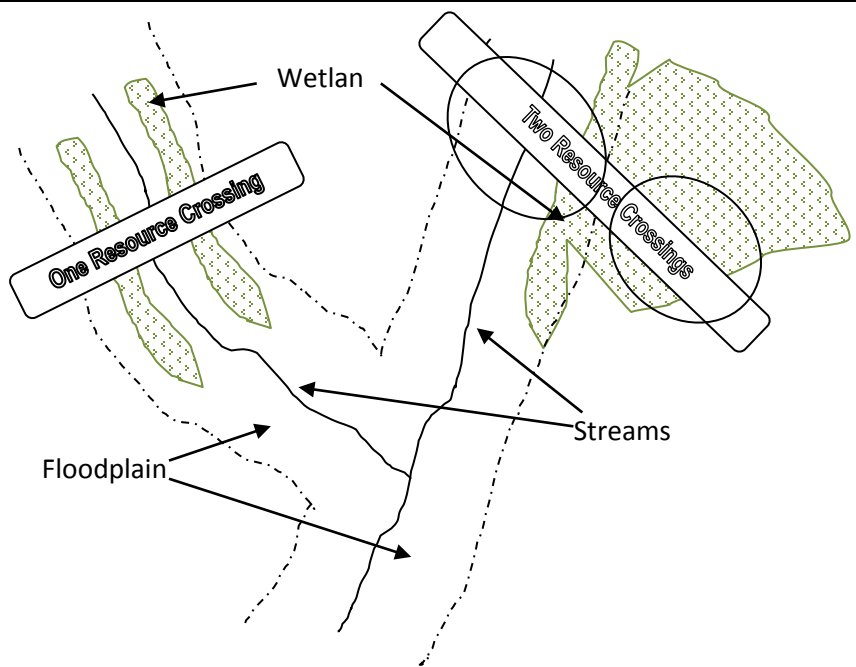
Floodway – The channel of the watercourse and portions of the adjoining floodplains which are reasonably required to carry and discharge the 100-year frequency flood. Unless otherwise specified, the boundary of the floodway is as indicated on maps and flood insurance studies provided by FEMA. In an area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

Wetland and Stream Clarification:

¹ In many instances, wetlands are located within the floodplain of a stream. These resources for the purposes of calculating disturbance fees are considered co-located or overlapping and the area of disturbance would only be used once.

² In the case of GP-5, GP-7 and GP-8 fees are charged per structure per resource crossing and the following also applies to the disturbance fees:

- A crossing of the stream and the floodplain with wetlands present within the floodplain is considered one resource crossing.
- When the crossing traverses a stream and the floodplain and a wetland that is located outside of the floodplain or a wetland that extends out beyond the floodplain, it is considered two resource crossings.



PART ONE: WATER OBSTRUCTIONS AND ENCROACHMENTS

SECTION A. APPLICATION FEES

WATER OBSTRUCTION AND ENCROACHMENT PERMIT (Joint Permit Application)

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

<input checked="" type="checkbox"/> Administrative Filing Fee ¹		\$ 1,750	+	
<input checked="" type="checkbox"/> Temporary Disturbance (\$400/0.1ac)	4.9 acres x \$4,000 =	\$ 19,600	+	
<input checked="" type="checkbox"/> Permanent Disturbance (\$800/0.1ac)	0.8 acres x \$8,000 =	\$ 6,400		= \$ 27,750

WO&E FEE subtotal (a) \$ 27,750

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

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

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

GP(s) FEE subtotal (b) \$ 0

PART ONE: SECTION A. APPLICATION FEE(S) subtotal (a+b=c) \$ 27,750

SECTION B. OTHER FEES

<input type="checkbox"/> Environmental Assessment for Waived Activities (§105.13(c)(2)(iv))		\$ 500		\$ _____
<input type="checkbox"/> Amendment to Water Obstruction and Encroachment Permit				
<input type="checkbox"/> Major Amendment ¹		\$ 500	+	
<input type="checkbox"/> Temporary Disturbance.....	_____ acres x \$4,000 =	\$ _____	+	\$ _____
<input type="checkbox"/> Permanent Disturbance	_____ acres x \$8,000 =	\$ _____		= \$ _____
<input type="checkbox"/> Minor Amendment		\$ 250		\$ _____
<input type="checkbox"/> Transfer of Water Obstruction and Encroachment Permit				
<input type="checkbox"/> WITH Submerged Lands License Agreement		\$ 200		\$ _____
<input type="checkbox"/> WITHOUT Submerged Lands License Agreement.....		\$ 100		\$ _____

PART ONE: SECTION B. OTHER FEE(S) subtotal (d) \$ 0

PART ONE: FEE(S) TOTAL (c+d=e) \$ 27,750

DEP USE ONLY

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

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

SECTION A. APPLICATION FEES

DAM PERMIT APPLICATION – NEW DAM

- Size A Hazard 1 \$26,500 Hazard 2 \$26,500 Hazard 3 \$25,500 Hazard 4 \$23,500 \$ _____
- Size B Hazard 1 \$19,000 Hazard 2 \$19,000 Hazard 3 \$18,500 Hazard 4 \$17,000 \$ _____
- Size C Hazard 1 \$10,500 Hazard 2 \$10,500 Hazard 3 \$10,000 Hazard 4 \$ 8,000 \$ _____

STAGED CONSTRUCTION

NO. OF STAGES BEYOND INITIAL STAGE _____ X APPLICATION FEE _____ X 0.90 (90%) \$ _____

DAM PERMIT APPLICATION – MODIFICATION OF DAM

- Size A Hazard 1 \$18,500 Hazard 2 \$18,500 Hazard 3 \$18,500 Hazard 4 \$18,000 \$ _____
- Size B Hazard 1 \$12,000 Hazard 2 \$12,000 Hazard 3 \$12,000 Hazard 4 \$11,500 \$ _____
- Size C Hazard 1 \$ 7,500 Hazard 2 \$ 7,500 Hazard 3 \$ 7,500 Hazard 4 \$ 7,500 \$ _____

STAGED CONSTRUCTION

NO. OF STAGES BEYOND INITIAL STAGE _____ X APPLICATION FEE _____ X 0.85 (85%) \$ _____

DAM PERMIT APPLICATION – OPERATION & MAINTANANCE OF EXISTING DAM

- Size A Hazard 1 \$12,500 Hazard 2 \$12,500 Hazard 3 \$12,000 Hazard 4 \$10,000 \$ _____
- Size B Hazard 1 \$10,000 Hazard 2 \$10,000 Hazard 3 \$ 9,500 Hazard 4 \$ 8,500 \$ _____
- Size C Hazard 1 \$ 7,000 Hazard 2 \$ 7,000 Hazard 3 \$ 6,500 Hazard 4 \$ 6,000 \$ _____

PART TWO: SECTION A. APPLICATION FEE(S) subtotal (a) \$ 0

SECTION B. OTHER FEES

Letter of Amendment or Authorization

- Major (≥\$250,000)
 - Size A \$14,700 Size B \$ 8,700 Size C \$ 4,400 \$ _____
- Minor (<\$250,000)
 - Size A \$ 1,300 Size B \$ 1,000 Size C \$ 650 \$ _____
- Major Dam Design Revision
 - Size A \$ 4,700 Size B \$ 3,200 Size C \$ 1,700 \$ _____

Environmental Assessment

- Environmental Assessment for Dam Removal (§105.12(a)(16)) \$ 500 \$ _____
- Non-Jurisdictional Dams \$ 900 \$ _____
- Letter of Amendment or Authorization
 - Size A \$ 1,400 Size B \$ 1,000 Size C \$ 900 \$ _____

Transfer of Dam Permit

- No Proof of Financial Responsibility \$ 550 Proof of Financial Responsibility \$300 \$ _____

Annual Registration

- Hazard 1 \$ 1,500 Hazard 2 \$ 1,500 Hazard 3 \$ 800 \$ _____

PART TWO: SECTION B. OTHER FEE(S) subtotal (b) \$ 0

PART TWO: FEE(S) TOTAL (a+b=c) \$ 0

DEP USE ONLY

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

GP Fee Explanation (#):

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

Water Obstruction and Encroachment Examples:

1. **GP-7 Minor Road Crossing:** Minor road crossing of a stream that qualifies for BDWM GP-07.

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

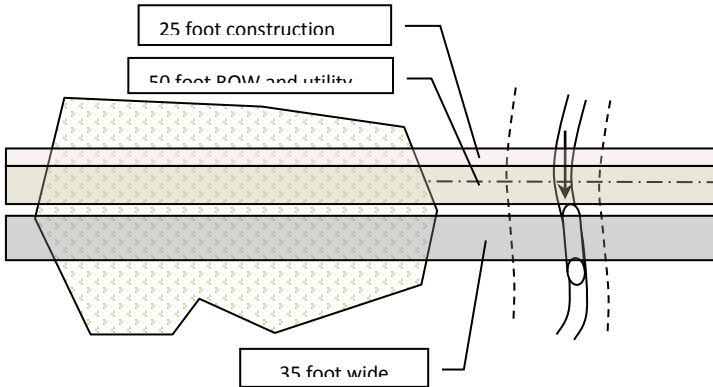
Some activities or structures within a project requiring an Individual Water Obstruction and Encroachment Permit may qualify for an accumulation of General Permit fees, please mark the corresponding fee(s) below but not the box above indicating a General Permit.

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

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

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

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



Impact Calculations and Summary

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

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

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

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

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

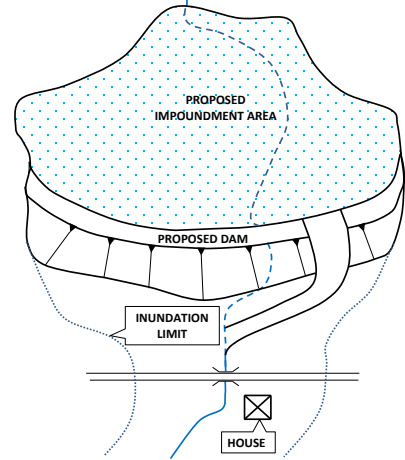
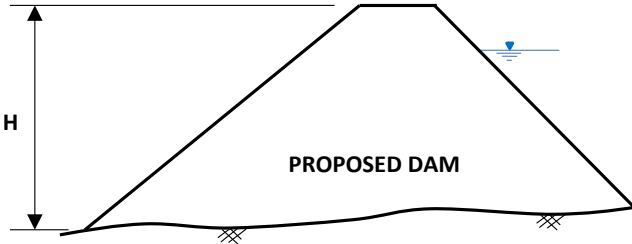
Some activities or structures within a project requiring an Individual Water Obstruction and Encroachment Permit may qualify for an accumulation of General Permit fees, please mark the corresponding fee(s) below but not the box above indicating a General Permit.

<input checked="" type="checkbox"/> GP-5 Utility Line Stream Crossings.....	<u>6</u> (#) x	\$ 250	= \$ <u>1,500</u>
<input checked="" type="checkbox"/> GP-7 Minor Road Crossings.....	<u>2</u> (#) x	\$ 350	= \$ <u>700</u>
GP(s) FEE subtotal (b)			\$ <u>2,200</u>

PART ONE: SECTION A. APPLICATION FEE(S) subtotal (a+b=c) \$ 5,550

Dam Safety Examples:

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

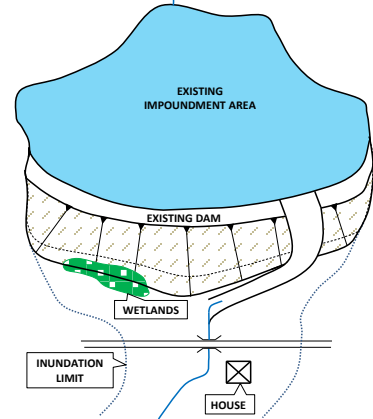
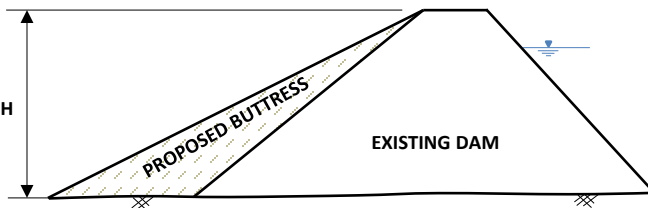


**DAM SAFETY APPLICATION FEES
(TO BE FILED WITH DAM SAFETY WITH THE DAM PERMIT APPLICATION)**

DAM PERMIT APPLICATION – NEW DAM

<input checked="" type="checkbox"/> Size C	<input type="checkbox"/> Hazard 1 \$10,500	<input checked="" type="checkbox"/> Hazard 2 \$10,500	<input type="checkbox"/> Hazard 3 \$10,000	<input type="checkbox"/> Hazard 4 \$8,000	<u>\$ 10,500</u>
DAM SAFETY FEE total					\$ 10,050

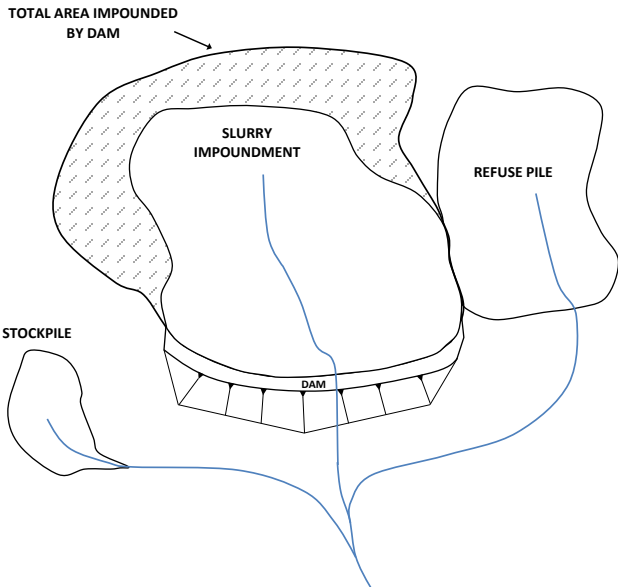
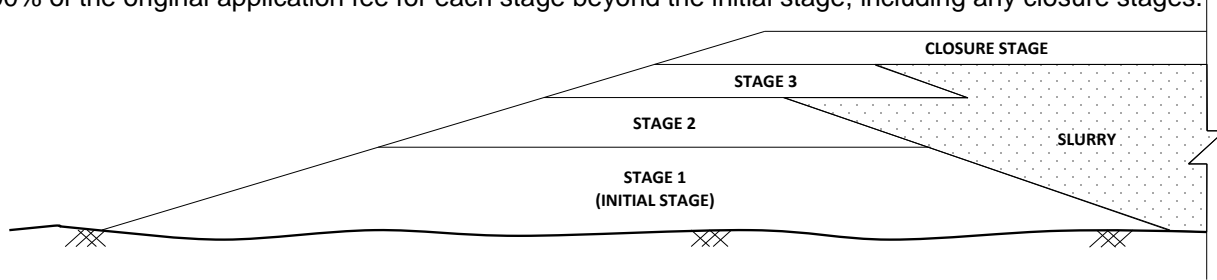
6. Letter of Authorization with Environmental Assessment: This project proposes to modify a 25-foot high dam that has a maximum storage of 500 acre-feet of water. This dam would be classified as a size category “C” dam per §105.91. The proposed modification involves buttressing the downstream slope of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



DAM SAFETY FEES

<input checked="" type="checkbox"/> Letter of Amendment or Authorization					
<input checked="" type="checkbox"/> Minor (<\$250,000)					
<input type="checkbox"/> Size A \$ 1,300	<input type="checkbox"/> Size B \$ 1,000	<input checked="" type="checkbox"/> Size C \$ 650			<u>\$ 650</u>
<input checked="" type="checkbox"/> Environmental Assessment					
<input checked="" type="checkbox"/> Letter of Amendment or Authorization					
<input type="checkbox"/> Size A \$ 1,400	<input type="checkbox"/> Size B \$ 1,000	<input checked="" type="checkbox"/> Size C \$ 900			<u>\$ 900</u>
DAM SAFETY FEE total					\$ 1,550

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



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

WATER OBSTRUCTION AND ENCROACHMENT FEES

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

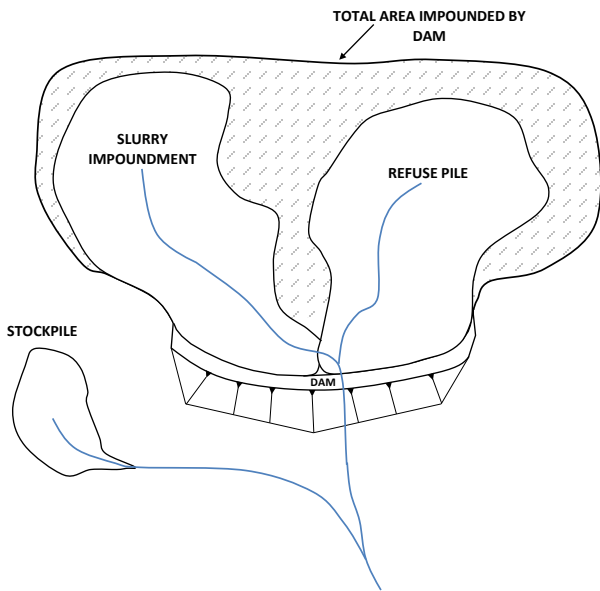
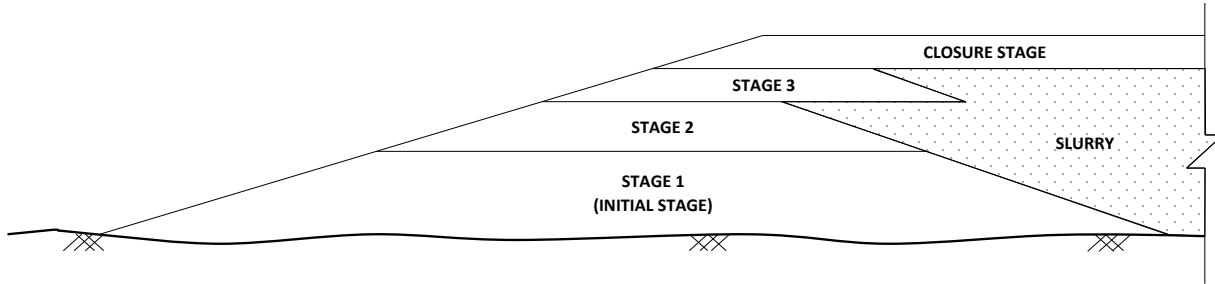
<input checked="" type="checkbox"/> Administrative Filing Fee		\$1,750
<input type="checkbox"/> Temporary Disturbance (\$400/0.1ac)	0.0 acres x \$4,000 =	
<input checked="" type="checkbox"/> Permanent Disturbance (\$800/0.1ac)	2.9 acres x \$8,000 =	\$23,200
WO&E FEE total		\$24,950

DAM SAFETY APPLICATION FEES

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

<input checked="" type="checkbox"/> DAM PERMIT APPLICATION – NEW DAM		
<input checked="" type="checkbox"/> Size A	<input checked="" type="checkbox"/> Hazard 1 \$26,500	<input type="checkbox"/> Hazard 2 \$26,500
	<input type="checkbox"/> Hazard 3 \$25,500	<input type="checkbox"/> Hazard 4 \$23,500
		\$ 26,500
<input checked="" type="checkbox"/> STAGED CONSTRUCTION		
No. OF STAGES BEYOND INITIAL STAGE <u>3</u> X APPLICATION FEE	\$26,500 X 0.90 (90%)	\$ 71,550
DAM SAFETY FEE total		\$ 98,050

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



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

WATER OBSTRUCTION AND ENCROACHMENT FEES

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

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

DAM SAFETY APPLICATION FEES

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

<input checked="" type="checkbox"/> DAM PERMIT APPLICATION – NEW DAM		
<input checked="" type="checkbox"/> Size A	<input checked="" type="checkbox"/> Hazard 1 \$26,500	<input type="checkbox"/> Hazard 2 \$26,500
<input type="checkbox"/> Hazard 3 \$25,500	<input type="checkbox"/> Hazard 4 \$23,500	\$ 26,500
<input checked="" type="checkbox"/> STAGED CONSTRUCTION		
No. OF STAGES BEYOND INITIAL STAGE <u>3</u> X APPLICATION FEE \$26,500 X 0.90 (90%)		\$ 71,550
DAM SAFETY FEE total		\$ 98,050

PA DEP Chapter 105 Fee Calculation Worksheet
Susquehanna County
E58-315

Resource Type (stream, wetland, floodway, body of water)	Resource ID	Resource Name	Temporary or Permanent Impact	Impact area (acres)	Rounded Total for Fee	Fee	
Stream	WW-T30-21001	UNT to Willow Brook	Permanent	0.0040			
Floodway	Floodway to WW-T30-21001	Floodway to UNT to Willow Brook	Permanent	0.0232			
Wetland	W-T30-21002	W-T30-21002	Permanent	0.0110			
Stream	WW-T12-21004	UNT to Willow Brook	Permanent	0.0085			
Floodway	Floodway to WW-T12-21004	Floodway to UNT to Willow Brook	Permanent	0.0376			
Wetland	W-T12-21001A	W-T12-21001A	Permanent	0.1093			
Stream	WW-T12-21001	Willow Brook	Permanent	0.0080			
Floodway	Floodway to WW-T12-21001	Floodway to Willow Brook	Permanent	0.0041			
Wetland	W-T70-21001A-1 /	W-T70-21001A-1 /	Permanent	0.0185			
Wetland	W-T51-21004	W-T51-21004	Permanent	0.0231			
Stream	WW-T50-21001	Utley Brook	Permanent	0.0061			
Floodway	Floodway to	Floodway to Utley Brook	Permanent	0.0232			
Wetland	W-T64-21001-1	W-T64-21001-1	Permanent	0.0162			
Stream	WW-T50-21002	Millard Creek	Permanent	0.0062			
Floodway	Floodway to	Floodway to	Permanent	0.0201			
Wetland	W-T50-21002	W-T50-21002	Permanent	0.0058			
Stream	WW-T50-21003	UNT to Millard Creek	Permanent	0.0017			
Wetland	W-T50-21003	W-T50-21003	Permanent	0.0052			
Floodway	Floodway to WW-T12-21006	Floodway to UNT to Millard Creek (WW-T12-21006)	Permanent	0.0074			
Wetland	W-T12-21007A	W-T12-21007A	Permanent	0.0184			
Wetland	W-T12-21008-1	W-T12-21008-1	Permanent	0.0076			
Stream	WW-T12-21007	UNT to Millard Creek	Permanent	0.0013			
Floodway	Floodway to WW-T12-21007	Floodway to UNT to Millard Creek	Permanent	0.0312			
Stream	WW-T12-21007A	UNT to Millard Creek	Permanent	0.0012			
Wetland	W-T12-21009A / W-T12-21009A-1 / W-T12-	W-T12-21009A /	Permanent	0.0492			
Floodway	Floodway to WW-T12-21008	Floodway to UNT to Tower Branch	Permanent	0.0055			
Wetland	W-T12-21009B	W-T12-21009B	Permanent	0.0156			
Wetland	W-T12-21009C	W-T12-21009C	Permanent	0.1023			
Stream	WW-T92-21002	UNT to Tower Branch	Permanent	0.0017			
Floodway	Floodway to WW-T92-21002	Floodway to UNT to Tower Branch	Permanent	0.0135			
Stream	WW-T12-21009A	UNT to Tower Branch	Permanent	0.0034			
Floodway	Floodway to WW-T12-21009A	Floodway to UNT to Tower Branch	Permanent	0.0015			
Wetland	W-T48-21002A	W-T48-21002A	Permanent	0.0447			
Wetland	W-T48-21002C	W-T48-21002C	Permanent	0.0574			
Wetland	W-T48-21001	W-T48-21001	Permanent	0.0185			
Floodway	Floodway to	Floodway to	Permanent	0.0044			
Stream	WW-T48-21001	Tower Branch	Permanent	0.0041			
Floodway	Floodway to	Floodway to	Permanent	0.0029			
Wetland	W-T48-21003	W-T48-21003	Permanent	0.0198			
Stream	WW-T17-21001	UNT to Tower Branch	Permanent	0.0017			
Floodway	Floodway to WW-T17-21001	Floodway to UNT to Tower Branch (WW-T17-21001)	Permanent	0.0245			
Floodway	Floodway to	Floodway to UNT to Millard Creek	Permanent	0.0611			
Wetland	W-2	W-2	Permanent	0.0050			
				<i>Permanent Impact Fee = \$8,000/acre</i>			
				<i>Revised Impacts</i>	0.7746	0.8	\$6,400
				<i>Previously Submitted Totals (11-22-2016)</i>	0.8310	0.9	\$7,200
				Change / Balance Due		-\$800	
Stream	WW-T30-21001	UNT to Willow Brook	Temporary	0.0358			
Floodway	Floodway to WW-T30-21001	Floodway to UNT to Willow Brook	Temporary	0.1781			
Wetland	W-T30-21002	W-T30-21002	Temporary	0.0477			
Stream	WW-T12-21004A	UNT to Willow Brook	Temporary	0.0106			

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Resource Type (stream, wetland, floodway, body of water)	Resource ID	Resource Name	Temporary or Permanent Impact	Impact area (acres)	Rounded Total for Fee	Fee
Stream	WW-T12-21004	UNT to Willow Brook	Temporary	0.0494		

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Resource Type (stream, wetland, floodway, body of water)	Resource ID	Resource Name	Temporary or Permanent Impact	Impact area (acres)	Rounded Total for Fee	Fee	
Floodway	Floodway to WW-T12-21004	Floodway to UNT to Willow Brook	Temporary	0.2969			
Wetland	W-T12-21001A	W-T12-21001A	Temporary	0.6798			
Stream	WW-T12-21001	Willow Brook	Temporary	0.0607			
Floodway	Floodway to WW-T12-21001	Floodway to Willow Brook	Temporary	0.0193			
Wetland	W-T70-21001A-1 /	W-T70-21001A-1 /	Temporary	0.0756			
Wetland	W-T51-21004 /	W-T51-21004 /	Temporary	0.1454			
Stream	WW-T50-21001	Utley Brook	Temporary	0.0414			
Floodway	Floodway to	Floodway to Utley Brook	Temporary	0.1991			
Wetland	W-T64-21001-1	W-T64-21001-1	Temporary	0.0703			
Stream	WW-T50-21002	Millard Creek	Temporary	0.0492			
Floodway	Floodway to	Floodway to	Temporary	0.1442			
Wetland	W-T50-21002	W-T50-21002	Temporary ⁴	0.0008			
Stream	WW-T50-21003	UNT to Millard Creek	Temporary	0.0103			
Wetland	W-T50-21003	W-T50-21003	Temporary ⁴	0.0130			
Floodway	Floodway to WW-T12-21006	Floodway to UNT to Millard Creek (WW-T12-21006)	Temporary	0.0583			
Wetland	W-T12-21007A	W-T12-21007A	Temporary	0.1281			
Wetland	W-T12-21008-1	W-T12-21008-1	Temporary ⁴	0.0347			
Stream	WW-T12-21007	UNT to Millard Creek	Temporary	0.0098			
Floodway	Floodway to WW-T12-21007	Floodway to UNT to Millard Creek	Temporary	0.2627			
Stream	WW-T12-21007A	UNT to Millard Creek	Temporary	0.0062			
Wetland	W-T12-21009A / W-T12-21009A-1 / W-T12-	W-T12-21009A /	Temporary	0.3125			
Floodway	Floodway to WW-T12-21008	Floodway to UNT to Tower Branch	Temporary	0.0521			
Wetland	W-T12-21009B	W-T12-21009B	Temporary	0.0992			
Wetland	W-T12-21009C	W-T12-21009C	Temporary ⁴	0.1547			
Stream	WW-T92-21002	UNT to Tower Branch	Temporary	0.0067			
Floodway	Floodway to WW-T92-21002	Floodway to UNT to Tower Branch	Temporary	0.0847			
Stream	WW-T12-21009A	UNT to Tower Branch	Temporary	0.0219			
Floodway	Floodway to WW-T12-21009A	Floodway to UNT to Tower Branch	Temporary	0.0079			
Wetland	W-T48-21002A	W-T48-21002A	Temporary	0.3149			
Wetland	W-T48-21002C	W-T48-21002C	Temporary ⁴	0.0844			
Wetland	W-T48-21001	W-T48-21001	Temporary	0.2116			
Floodway	Floodway to	Floodway to	Temporary	0.0395			
Stream	WW-T48-21001	Tower Branch	Temporary	0.0342			
Floodway	Floodway to	Floodway to	Temporary	0.0301			
Wetland	W-T48-21003	W-T48-21003	Temporary	0.1005			
Stream	WW-T17-21001	UNT to Tower Branch	Temporary	0.0116			
Floodway	Floodway to WW-T17-21001	Floodway to UNT to Tower Branch (WW-T17-21001)	Temporary	0.2813			
Pond	WB-T87-21001	Unnamed Pond	Temporary	0.3251			
Floodway	Floodway to	Floodway to UNT to Millard Creek	Temporary⁵	0.0728			
				<i>Temporary Impact Fee = \$4,000/acre</i>			
				Revised Impacts	4.8731	4.9	\$19,600
				<i>Previously Submitted Totals (11-22-2016)</i>	4.4600	4.5	\$18,000
				Change / Balance Due		\$1,600	
						Filing Fee	\$1,750
				<i>Previously Submitted Total (11-22-2016: Temporary + Permanent + Filing Fee)</i>		\$26,950	
				<i>Revised Total (Temporary + Permanent + Filing Fee)</i>		\$27,750	
				Balance Due		\$800	

¹ CWF = Cold Water Fishery; MF = Migratory Fishes; EV = Exceptional Value

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Resource Type (stream, wetland, floodway, body of water)	Resource ID	Resource Name	Temporary or Permanent Impact	Impact area (acres)	Rounded Total for Fee	Fee
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² Widths are reported as the maximum width for the feature. Stream lengths are reported on the impact maps as the sum of the permanent and temporary lengths.

³ Multiple streams are included in these calculations as the floodways overlap.

⁴ Temporary impacts to PFO wetlands include temporal conversion from forested to scrub-shrub or emergent wetland. Within this wetland, a 30-foot-wide corridor centered over the pipeline will be permanently converted from forested to scrub-shrub or emergent wetland; the remainder of the wetland will be allowed to fully revert back to PFO.

⁵ *The temporary floodway impact represents the full extent of the floodway across the existing access road. Project activities within the floodway will be limited to placement of timber matting over the existing culvert on the gravel road surface, as well as vehicle traffic along the existing access road. No permanent fill will be placed or grading completed within the floodway.*