ATTACHMENT B -1

APPLICATION FEE WORKSHEET

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATERWAYS ENGINEERING AND WETLANDS

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.

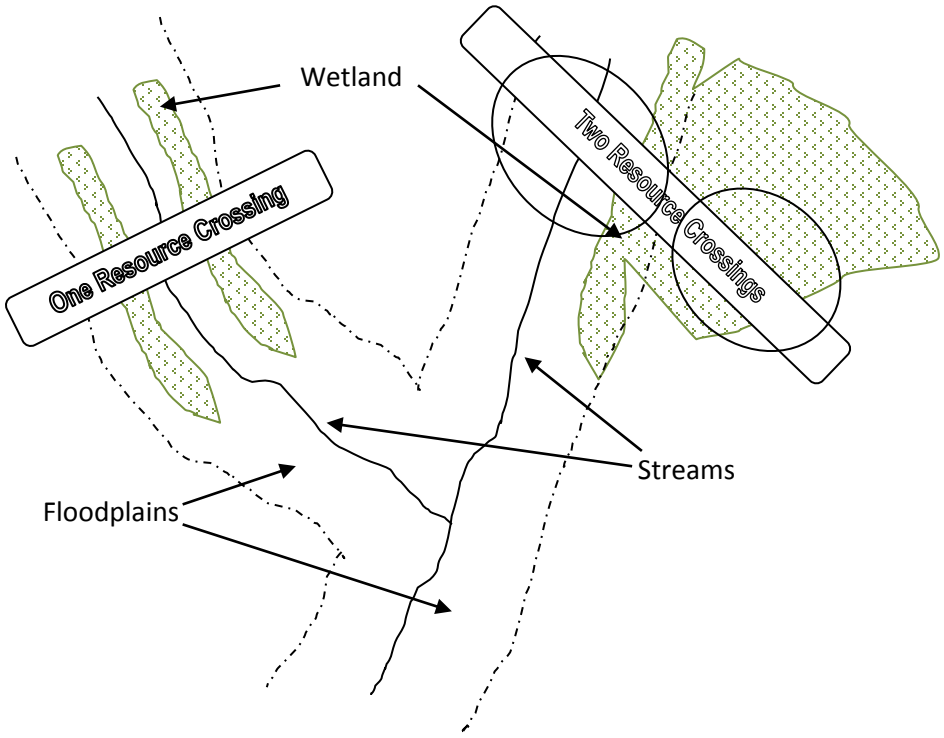
Floodway – The channel of the watercourse and portions of the adjoining floodplains which are reasonably required to carry and discharge the 100-year frequency flood. Unless otherwise specified, the boundary of the floodway is as indicated on maps and flood insurance studies provided by FEMA. In an area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

☒ Administrative Filing Fee[1]		$ 1,750	+	
☒ Temporary Disturbance ($400/0.1ac)	5.5 acres x $4,000 =	$ 22,000	+	
☒ Permanent Disturbance ($800/0.1ac)	0.7 acres x $8,000 =	$ 5,600		= $ 29,350
		WO&E FEE subtotal (a)		$ 29,350

☐ **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.

☐ GP-1 Fish Habitat Enhancement Structures		$ 50		= $ _____
☐ GP-2 Small Docks and Boat Launching Ramps	_____ (#) x	$ 175		= $ _____
☐ GP-3 Bank Rehabilitation, Bank Protection and Gravel Bar Removal	_____ (#) x	$ 250		= $ _____
☐ GP-4 Intake and Outfall Structures	_____ (#) x	$ 200		= $ _____
☐ GP-5 Utility Line Stream Crossings[2]	_____ (#) x _____ (#) x	$ 250		= $ _____
☐ GP-6 Agricultural Crossings and Ramps	_____ (#) x	$ 50		= $ _____
☐ GP-7 Minor Road Crossings[2]	_____ (#) x	$ 350		= $ _____
☐ GP-8 Temporary Road Crossings[2]	_____ (#) x	$ 175		= $ _____
☐ GP-9 Agricultural Activities		$ 50		= $ _____
☐ GP-10 Abandoned Mine Reclamation		$ 500		= $ _____
☐ GP-11 Maintenance, Testing, Repair, Rehabilitation, or Replacement of Water Obstructions and Encroachments[1]		$ 750	+	
☐ Temporary Disturbance ($400/0.1ac)	_____.____ acres x $4,000 =	$ _____	+	
☐ Permanent Disturbance ($800/0.1ac)	_____.____ acres x $8,000 =	$ _____		= $ _____
☐ GP-15 Private Residential Construction in Wetlands[1]		$ 750	+	
☐ Temporary Disturbance ($400/0.1ac)	_____.____ acres x $4,000 =	$ _____	+	
☐ 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)		$ 29,350

SECTION B. OTHER FEES

☐ Environmental Assessment for Waived Activities (§105.13(c)(2)(iv))		$ 500		$ _____
☐ Amendment to Water Obstruction and Encroachment Permit				
☐ Major Amendment[1]		$ 500	+	
☐ Temporary Disturbance	_____.____ acres x $4,000 =	$ _____	+	$ _____
☐ Permanent Disturbance	_____.____ acres x $8,000 =	$ _____		= $ _____
☐ Minor Amendment		$ 250		$ _____
☐ Transfer of Water Obstruction and Encroachment Permit				
☐ WITH Submerged Lands License Agreement		$ 200		$ _____
☐ WITHOUT Submerged Lands License Agreement		$ 100		$ _____
		PART ONE: SECTION B. OTHER FEE(S) subtotal (d)		$ 0
		PART ONE: FEE(S) TOTAL (c+d=e)		$ 29,350

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

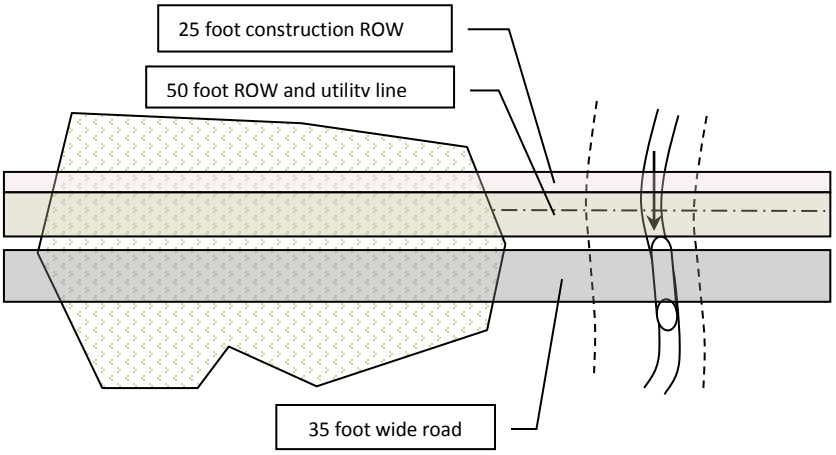
GP(s) FEE subtotal (b) $ 350

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**

☒ Administrative Filing Fee ..... $ 1,750 +
☒ Temporary Disturbance ($400/0.1ac).....0.3 acres x $4,000 = $ 1,200 +
☒ Permanent Disturbance ($800/0.1ac).....0.9 acres x $8,000 = $ 7,200 = $10,150

WO&E FEE subtotal (a) $10,150

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.

☒ Administrative Filing Fee ..... $ 1,750 +
☐ Temporary Disturbance ($400/0.1ac).....0.0 acres x $4,000 = $ 0 +
☒ Permanent Disturbance ($800/0.1ac).....0.2 acres x $8,000 = $ 1,600 = $ 3,350

WO&E FEE subtotal (a) $ 3,350

☐ **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.

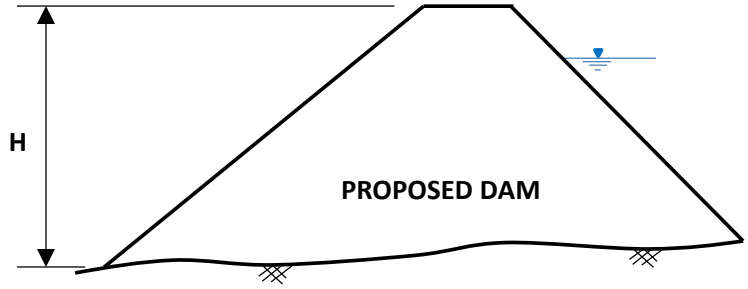
☒ GP-5 Utility Line Stream Crossings..... 6 (#) x $ 250 = $ 1,500
☒ GP-7 Minor Road Crossings..... 2 (#) x $ 350 = $ 700

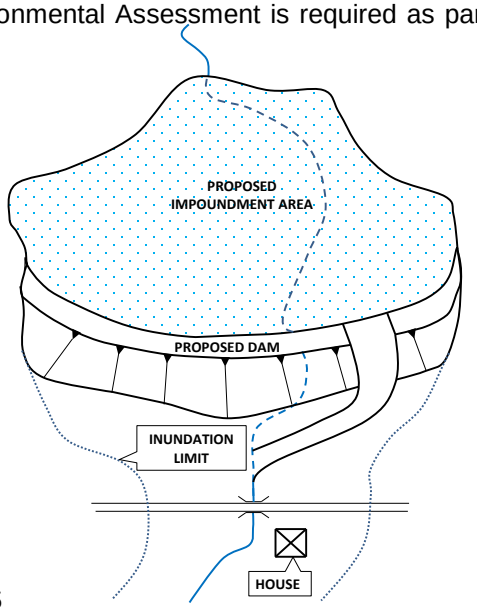
GP(s) FEE subtotal (b) $ 2,200

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.





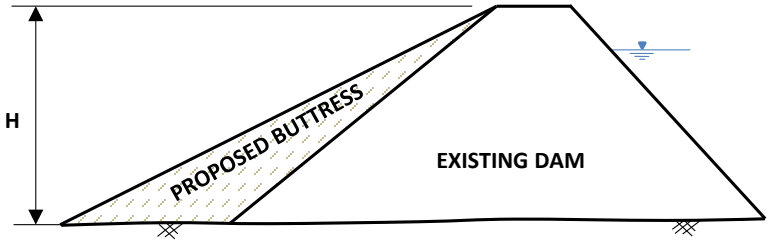
DAM SAFETY APPLICATION FEES
(TO BE FILED WITH DAM SAFETY WITH THE DAM PERMIT APPLICATION)

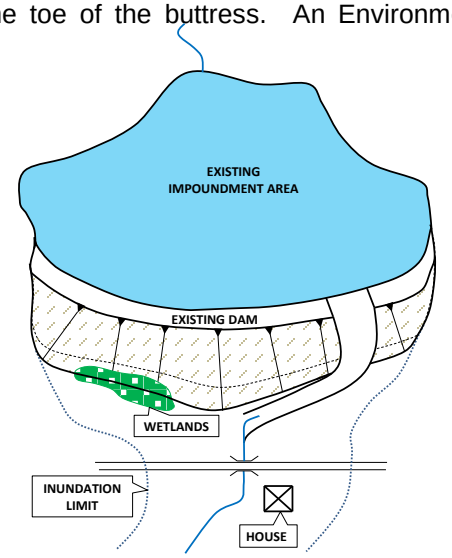
☒ **DAM PERMIT APPLICATION – NEW DAM**

☒ Size C ☐ Hazard 1 $10,500 ☒ Hazard 2 $10,500 ☐ Hazard 3 $10,000 ☐ Hazard 4 $8,000 $ 10,500

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

☒ Letter of Amendment or Authorization

☒ Minor (<$250,000)

☐ Size A $ 1,300 ☐ Size B $ 1,000 ☒ Size C $ 650 $ 650

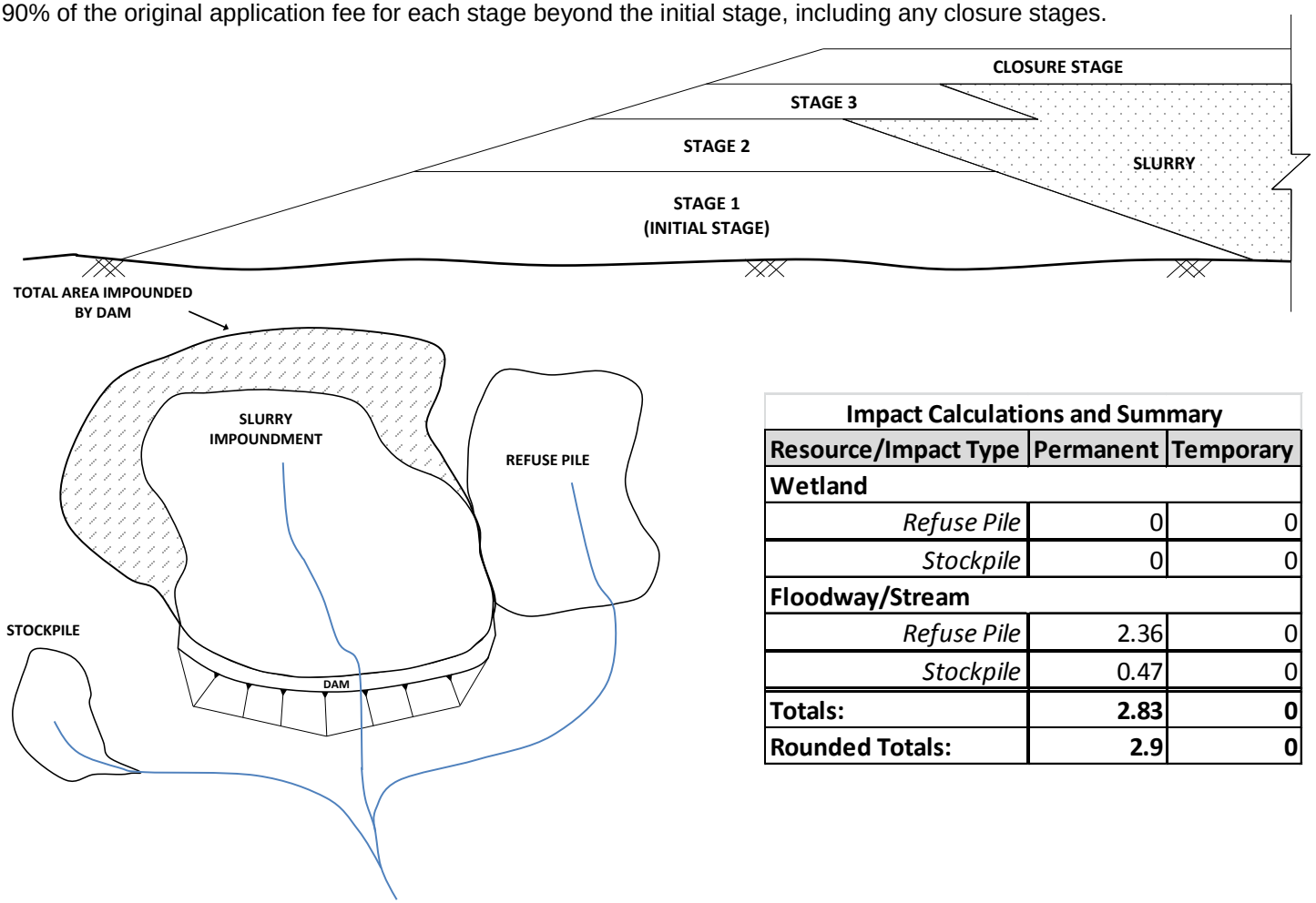
☒ Environmental Assessment

☒ Letter of Amendment or Authorization

☐ Size A $ 1,400 ☐ Size B $ 1,000 ☒ Size C $ 900 $ 900

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)

☒ Administrative Filing Fee $1,750

☐ Temporary Disturbance ($400/0.1ac) 0.0 acres x $4,000 =

☒ 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)

☒ **DAM PERMIT APPLICATION – NEW DAM**

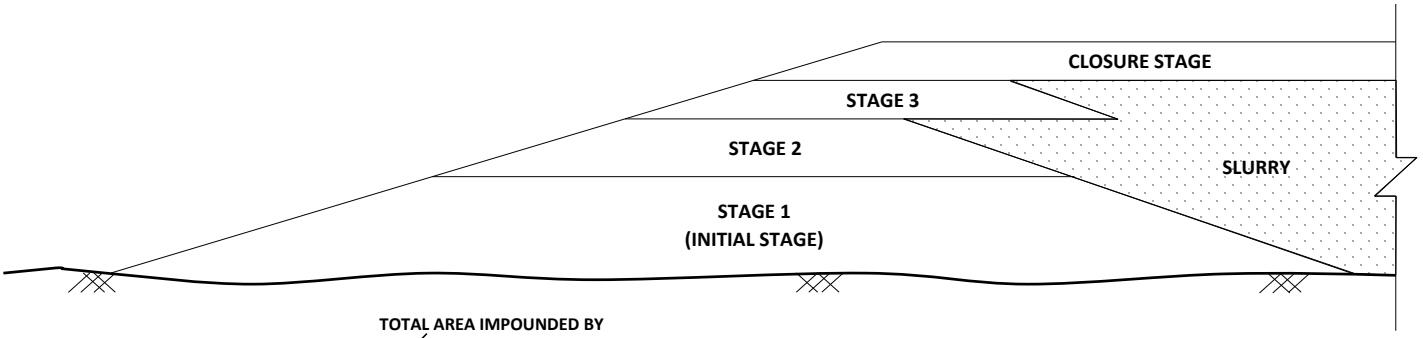
☒ Size A ☒ Hazard 1 $26,500 ☐ Hazard 2 $26,500 ☐ Hazard 3 $25,500 ☐ Hazard 4 $23,500 $ 26,500

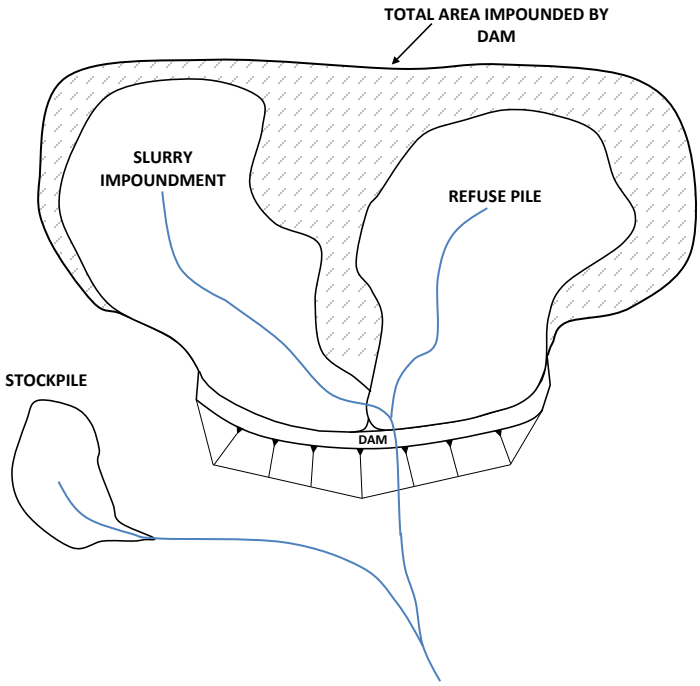
☒ **STAGED CONSTRUCTION**

No. OF STAGES BEYOND INITIAL STAGE 3 X APPLICATION FEE $26,500 X 0.90 (90%) $ 71,550

DAM SAFETY FEE total **$ 98,050**

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





Impact Calculations and Summary

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

WATER OBSTRUCTION AND ENCROACHMENT FEES
(TO BE FILED WITH DEP REGIONAL OFFICE, COUNTY CONSERVATION OFFICE, OR DISTRICT MINING)

☒ Administrative Filing Fee $1,750

☐ Temporary Disturbance ($400/0.1ac) 0.0 acres x $4,000 =

☒ 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)

☒ **DAM PERMIT APPLICATION – NEW DAM**

☒ Size A ☒ Hazard 1 $26,500 ☐ Hazard 2 $26,500 ☐ Hazard 3 $25,500 ☐ Hazard 4 $23,500 $ 26,500

☒ **STAGED CONSTRUCTION**

No. OF STAGES BEYOND INITIAL STAGE 3 X APPLICATION FEE $26,500 X 0.90 (90%) $ 71,550

DAM SAFETY FEE total **$ 98,050**

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
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BUREAU OF WATERWAYS ENGINEERING AND WETLANDS

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Federal, State, county or municipal agencies or municipal authorities: ☐ **EXEMPT from fees**

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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.

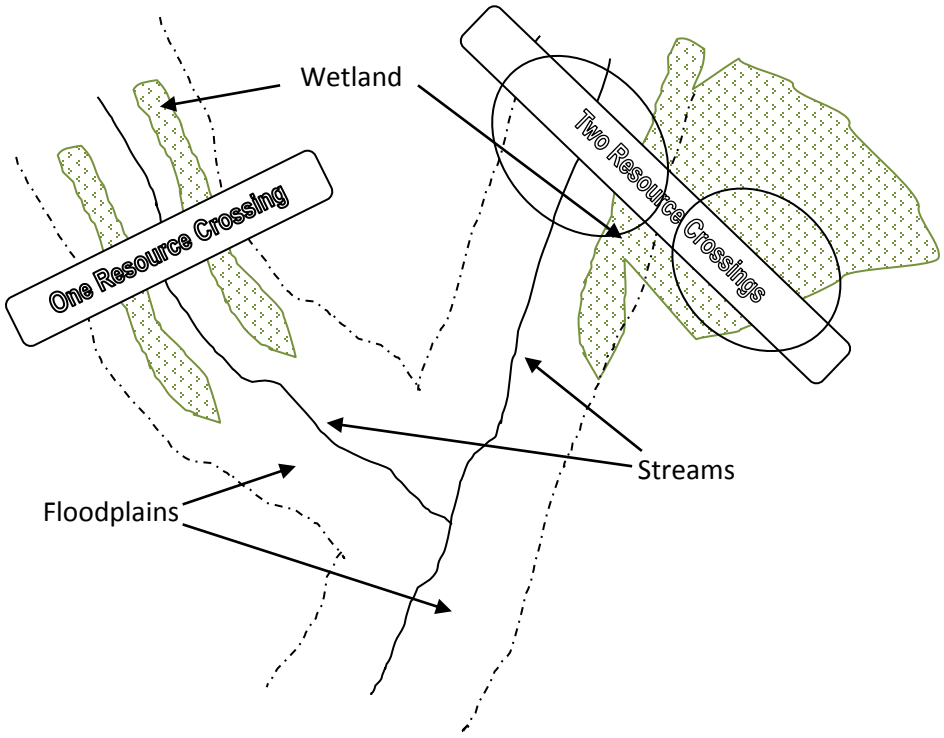
Floodway – The channel of the watercourse and portions of the adjoining floodplains which are reasonably required to carry and discharge the 100-year frequency flood. Unless otherwise specified, the boundary of the floodway is as indicated on maps and flood insurance studies provided by FEMA. In an area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

☒ Administrative Filing Fee[1]		$ 1,750	+	
☒ Temporary Disturbance ($400/0.1ac)	5.5 acres x $4,000 =	$ 22,800	+	
☒ Permanent Disturbance ($800/0.1ac)	0.5 acres x $8,000 =	$ 4,000		= $ 28,550
		WO&E FEE subtotal (a)		$ 28,550

☐ **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.

☐ GP-1 Fish Habitat Enhancement Structures		$ 50		= $ _____
☐ GP-2 Small Docks and Boat Launching Ramps	_____ (#) x	$ 175		= $ _____
☐ GP-3 Bank Rehabilitation, Bank Protection and Gravel Bar Removal	_____ (#) x	$ 250		= $ _____
☐ GP-4 Intake and Outfall Structures	_____ (#) x	$ 200		= $ _____
☐ GP-5 Utility Line Stream Crossings[2]	_____ (#) x _____ (#) x	$ 250		= $ _____
☐ GP-6 Agricultural Crossings and Ramps	_____ (#) x	$ 50		= $ _____
☐ GP-7 Minor Road Crossings[2]	_____ (#) x	$ 350		= $ _____
☐ GP-8 Temporary Road Crossings[2]	_____ (#) x	$ 175		= $ _____
☐ GP-9 Agricultural Activities		$ 50		= $ _____
☐ GP-10 Abandoned Mine Reclamation		$ 500		= $ _____
☐ GP-11 Maintenance, Testing, Repair, Rehabilitation, or Replacement of Water Obstructions and Encroachments[1]		$ 750	+	
☐ Temporary Disturbance ($400/0.1ac)	_____ acres x $4,000 =	$ _____	+	
☐ Permanent Disturbance ($800/0.1ac)	_____ acres x $8,000 =	$ _____		= $ _____
☐ GP-15 Private Residential Construction in Wetlands[1]		$ 750	+	
☐ Temporary Disturbance ($400/0.1ac)	_____ acres x $4,000 =	$ _____	+	
☐ 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) $ 28,550

SECTION B. OTHER FEES

☐ Environmental Assessment for Waived Activities (§105.13(c)(2)(iv))		$ 500		$ _____
☐ Amendment to Water Obstruction and Encroachment Permit				
☐ Major Amendment[1]		$ 500	+	
☐ Temporary Disturbance	_____ acres x $4,000 =	$ _____	+	$ _____
☐ Permanent Disturbance	_____ acres x $8,000 =	$ _____		= $ _____
☐ Minor Amendment		$ 250		$ _____
☐ Transfer of Water Obstruction and Encroachment Permit				
☐ WITH Submerged Lands License Agreement		$ 200		$ _____
☐ WITHOUT Submerged Lands License Agreement		$ 100		$ _____

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

PART ONE: FEE(S) TOTAL (c+d=e) $ 28,550

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

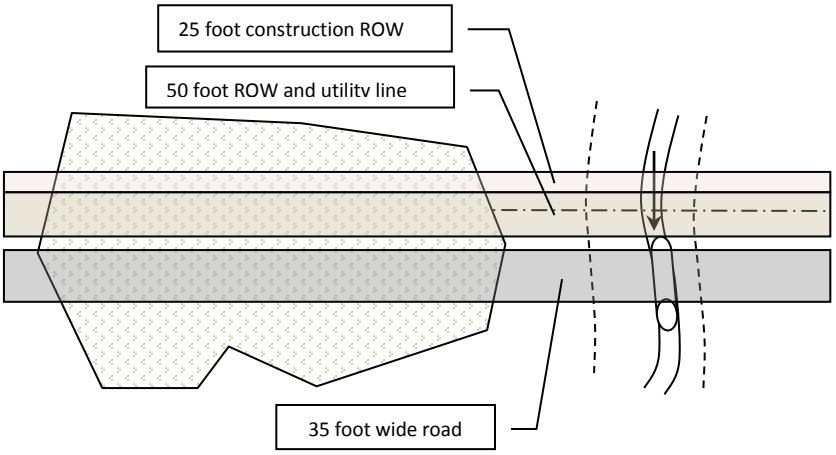
GP(s) FEE subtotal (b) $ 350

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**

☒ Administrative Filing Fee ..... $ 1,750 +
☒ Temporary Disturbance ($400/0.1ac).....0.3 acres x $4,000 = $ 1,200 +
☒ Permanent Disturbance ($800/0.1ac).....0.9 acres x $8,000 = $ 7,200 = $10,150

WO&E FEE subtotal (a) $10,150

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.

☒ Administrative Filing Fee ..... $ 1,750 +
☐ Temporary Disturbance ($400/0.1ac).....0.0 acres x $4,000 = $ 0 +
☒ Permanent Disturbance ($800/0.1ac).....0.2 acres x $8,000 = $ 1,600 = $ 3,350

WO&E FEE subtotal (a) $ 3,350

☐ **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.

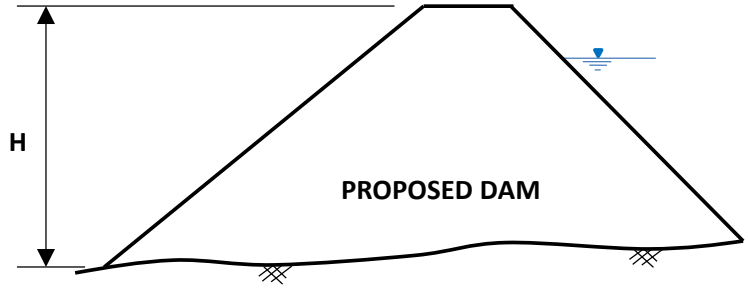
☒ GP-5 Utility Line Stream Crossings..... 6 (#) x $ 250 = $ 1,500
☒ GP-7 Minor Road Crossings..... 2 (#) x $ 350 = $ 700

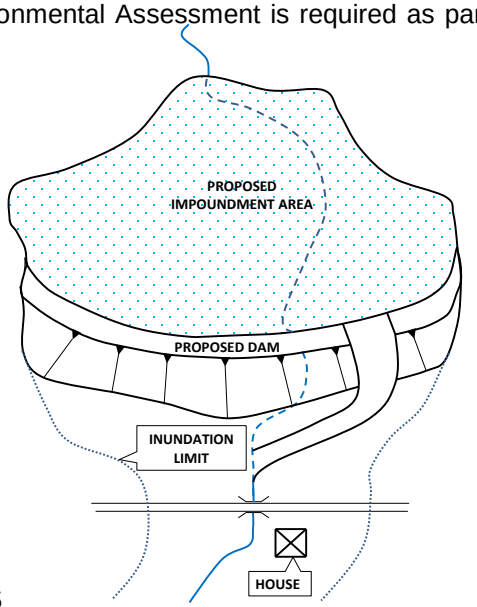
GP(s) FEE subtotal (b) $ 2,200

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.





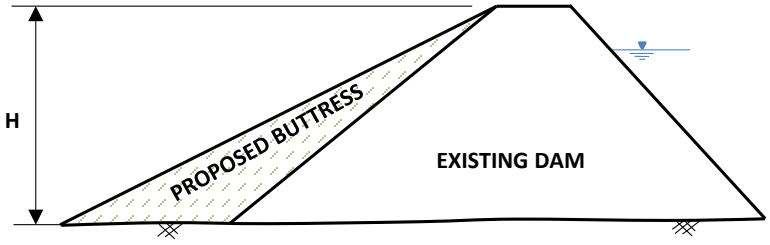
DAM SAFETY APPLICATION FEES
(TO BE FILED WITH DAM SAFETY WITH THE DAM PERMIT APPLICATION)

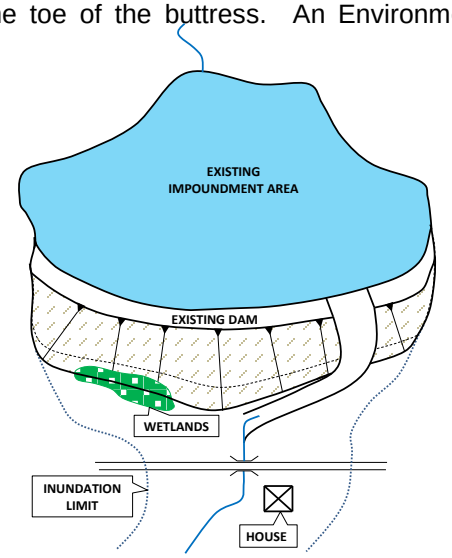
☒ **DAM PERMIT APPLICATION – NEW DAM**

☒ Size C ☐ Hazard 1 $10,500 ☒ Hazard 2 $10,500 ☐ Hazard 3 $10,000 ☐ Hazard 4 $8,000 $ 10,500

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

☒ Letter of Amendment or Authorization

☒ Minor (<$250,000)

☐ Size A $ 1,300 ☐ Size B $ 1,000 ☒ Size C $ 650 $ 650

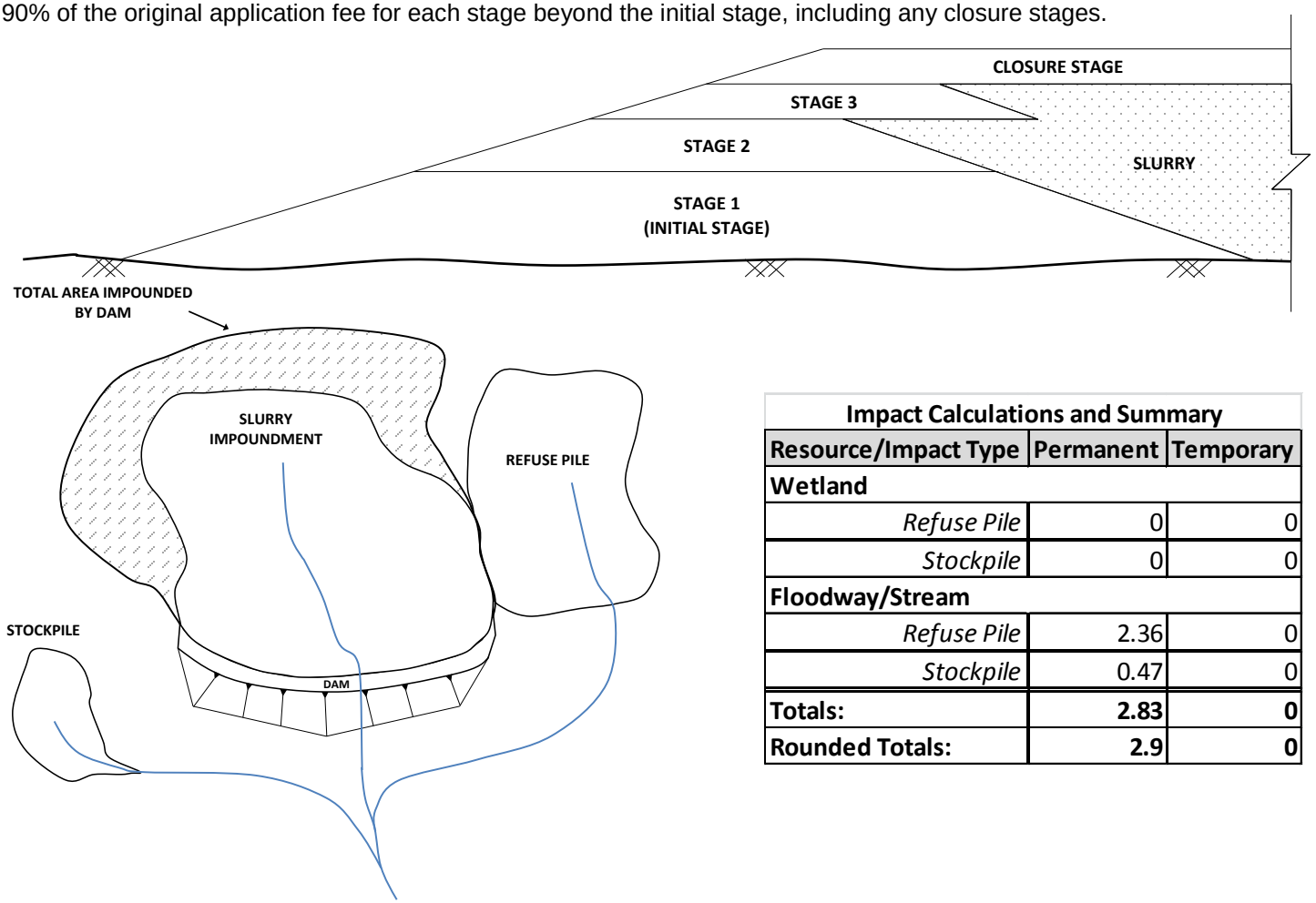
☒ Environmental Assessment

☒ Letter of Amendment or Authorization

☐ Size A $ 1,400 ☐ Size B $ 1,000 ☒ Size C $ 900 $ 900

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)

☒ Administrative Filing Fee $1,750

☐ Temporary Disturbance ($400/0.1ac) 0.0 acres x $4,000 =

☒ 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)

☒ **DAM PERMIT APPLICATION – NEW DAM**

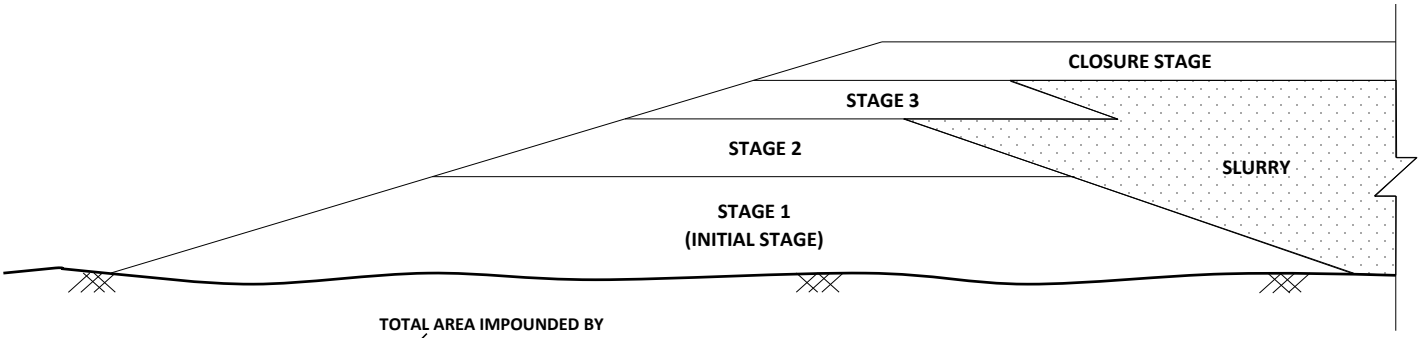
☒ Size A ☒ Hazard 1 $26,500 ☐ Hazard 2 $26,500 ☐ Hazard 3 $25,500 ☐ Hazard 4 $23,500 $ 26,500

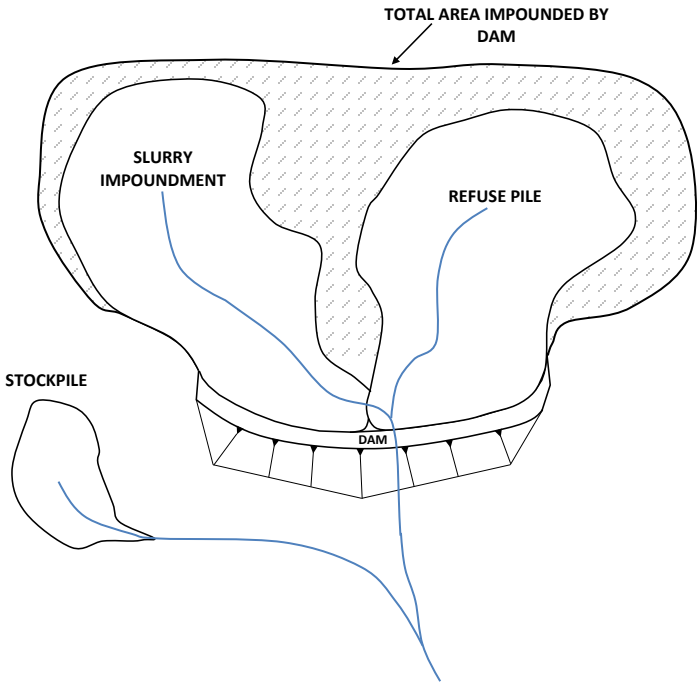
☒ **STAGED CONSTRUCTION**

No. OF STAGES BEYOND INITIAL STAGE 3 X APPLICATION FEE $26,500 X 0.90 (90%) $ 71,550

DAM SAFETY FEE total **$ 98,050**

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





Impact Calculations and Summary

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

WATER OBSTRUCTION AND ENCROACHMENT FEES
(TO BE FILED WITH DEP REGIONAL OFFICE, COUNTY CONSERVATION OFFICE, OR DISTRICT MINING)

☒ Administrative Filing Fee $1,750

☐ Temporary Disturbance ($400/0.1ac) 0.0 acres x $4,000 =

☒ 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)

☒ **DAM PERMIT APPLICATION – NEW DAM**

☒ Size A ☒ Hazard 1 $26,500 ☐ Hazard 2 $26,500 ☐ Hazard 3 $25,500 ☐ Hazard 4 $23,500 $ 26,500

☒ **STAGED CONSTRUCTION**

No. OF STAGES BEYOND INITIAL STAGE 3 X APPLICATION FEE $26,500 X 0.90 (90%) $ 71,550

DAM SAFETY FEE total **$ 98,050**

PA DEP Chapter 105 Fee Calculation Worksheet
Northumberland County
E49-336

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-T44-10002C	UNT to Mahanoy Creek (WW-T44-10002C)	Permanent	0.0012		
Stream	WW-T01-10001	Mahanoy Creek (WW-T01-10001)	Permanent	0.0219		
Floodway	Floodway to WW-T01-10001	Floodway to Mahanoy Creek (WW-T01-10001)	Permanent	0.0613		
Wetland	W-T18-10001	W-T18-10001	Permanent	0.0064		
Stream	WW-T04-10002	UNT to Shamokin Creek (WW-T04-10002)	Permanent	0.0068		
Floodway	Floodway to WW-T04-10002	Floodway to UNT to Shamokin Creek (WW-T04-10002)	Permanent	0.0281		
Stream	WW-T04-10001	Shamokin Creek (WW-T04-10001)	Permanent	0.0142		
Floodway	Floodway to WW-T04-10001	Floodway to Shamokin Creek (WW-T04-10001)	Permanent	0.0429		
Stream	WW-T18-10002	Quaker Run (WW-T18-10002)	Permanent	0.0057		
Floodway	Floodway to WW-T18-10002	Floodway to Quaker Run (WW-T18-10002)	Permanent	0.0415		
Stream	WW-T68-11001B	UNT to Quaker Run (WW-T68-11001B)	Permanent	0.0009		
Stream	WW-T68-11001	UNT to Quaker Run (WW-T68-11001)	Permanent	0.0011		
Floodway	Floodway to WW-T68-11001	Floodway to UNT to Quaker Run (WW-T68-11001)	Permanent	0.0487		
Stream	WW-T58-11001	Coal Run (WW-T58-11001)	Permanent	0.0036		
Floodway	Floodway to WW-T58-11001	Floodway to Coal Run (WW-T58-11001)	Permanent	0.0250		
Wetland	W-T44-11001C	W-T44-11001C	Permanent	0.0623		
Floodway	Floodway to WW-T44-11002	Floodway to UNT to South Branch Roaring Creek (WW-T44-11002)	Permanent	0.0268		
Wetland	W-T44-11001A-2	W-T44-11001A-2	Permanent	0.0046		
Stream	WW-T47-11002	South Branch Roaring Creek (WW-T47-11002)	Permanent	0.0125		
Wetland	W-T49-11001	W-T49-11001	Permanent	0.0010		
Stream	WW-T44-11001A	UNT to South Branch Roaring Creek (WW-T44-11001A)	Permanent	0.0016		
Wetland	W-T49-11003	W-T49-11003	Permanent	0.0044		
~~**Floodway**~~	~~**Floodway to WW-T44-10002**~~	~~**Floodway to UNT to Mahanoy Creek (WW-T44-10002)**~~	~~**Permanent**~~	~~**0.0238**~~		
~~**Stream**~~	~~**WW-T44-10003**~~	~~**UNT to Mahanoy Creek (WW-T44-10003)**~~	~~**Permanent**~~	~~**0.0009**~~		
~~**Floodway**~~	~~**Floodway to WW-T44-10003**~~	~~**Floodway to UNT to Mahanoy Creek (WW-T44-10003)**~~	~~**Permanent**~~	~~**0.0837**~~		

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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-T44-10004**~~	~~**Floodway to UNT to Mahanoy Creek (WW-T44-10004)**~~	~~***Permanent***~~	~~**0.0539**~~		
~~**Floodway**~~	~~**Floodway to WW-T01-10001**~~	~~**Floodway to Mahanoy Creek (WW-T01-10001)**~~	~~**Permanent**~~	~~**0.1405**~~		
						Permanent Impact Fee = $8,000/acre
			Revised Impacts	***0.4225***	***0.5***	***$4,000***
			Previously Submitted Totals (11-22-2016)	**0.9229**	**1.0**	**$8,000**
					Change / Balance Due	***-$4,000***
Stream	WW-T44-10002C	UNT to Mahanoy Creek (WW-T44-10002C)	Temporary	0.0031		
Stream	WW-T01-10001	Mahanoy Creek (WW-T01-10001)	Temporary	0.1990		
Floodway	Floodway to WW-T01-10001	Floodway to Mahanoy Creek (WW-T01-10001)	Temporary	***0.6936***		
Wetland	W-T18-10001	W-T18-10001	Temporary	0.0418		
Stream	WW-T04-10002	UNT to Shamokin Creek (WW-T04-10002)	Temporary	0.0346		
Floodway	Floodway to WW-T04-10002	Floodway to UNT to Shamokin Creek (WW-T04-10002)	Temporary	0.2820		
Stream	WW-T04-10001	Shamokin Creek (WW-T04-10001)	Temporary	0.1233		
Floodway	Floodway to WW-T04-10001	Floodway to Shamokin Creek (WW-T04-10001)	Temporary	0.4351		
Stream	WW-T18-10002	Quaker Run (WW-T18-10002)	Temporary	0.0533		
Floodway	Floodway to WW-T18-10002	Floodway to Quaker Run (WW-T18-10002)	Temporary	***0.4718***		
Stream	WW-T68-11001B	UNT to Quaker Run (WW-T68-11001B)	Temporary	0.0059		
Stream	WW-T68-11001	UNT to Quaker Run (WW-T68-11001)	Temporary	0.0096		
Floodway	Floodway to WW-T68-11001	Floodway to UNT to Quaker Run (WW-T68-11001)	Temporary	0.3983		
Stream	WW-T58-11001	Coal Run (WW-T58-11001)	Temporary	0.0282		
Floodway	Floodway to WW-T58-11001	Floodway to Coal Run (WW-T58-11001)	Temporary	0.2333		
Wetland	W-T44-11001C	W-T44-11001C	Temporary[5]	0.0824		
Stream	WW-T44-11002	UNT to South Branch Roaring Creek (WW-T44-11002)	Temporary	0.0078		
Floodway	Floodway to WW-T44-11002	Floodway to UNT to South Branch Roaring Creek (WW-T44-11002)	Temporary	0.2920		
Wetland	W-T44-11001A / W-T44-11001A-2	W-T44-11001A / W-T44-11001A-2	Temporary	0.0370		

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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-T47-11002	South Branch Roaring Creek (WW-T47-11002)	Temporary	0.0899		
Wetland	W-T49-11001	W-T49-11001	Temporary	0.0059		
Floodway	Floodway to WW-T44-11001C	Floodway to UNT to South Branch Roaring Creek (WW-T44-11001C)	Temporary	0.0537		
Stream	WW-T44-11001A	UNT to South Branch Roaring Creek (WW-T44-11001A)	Temporary	0.0109		
Wetland	W-T49-11003	W-T49-11003	Temporary	0.0275		
Floodway	Floodway to WW-T44-10002	Floodway to UNT to Mahanoy Creek (WW-T44-10002)	***Temporary*** [6]	***0.0443***		
~~**Stream**~~	~~**WW-T44-10003**~~	~~**UNT to Mahanoy Creek (WW-T44-10003)**~~	~~**Temporary**~~	~~**0.0012**~~		
Floodway	Floodway to WW-T44-10003	Floodway to UNT to Mahanoy Creek (WW-T44-10003)	***Temporary*** [6]	***0.1598***		
~~**Stream**~~	~~**WW-T44-10004**~~	~~**UNT to Mahanoy Creek (WW-T44-10004)**~~	~~**Temporary**~~	~~**0.0003**~~		
Floodway	Floodway to WW-T44-10004	Floodway to UNT to Mahanoy Creek (WW-T44-10004)	***Temporary*** [6]	***0.1200***		
Floodway	Floodway to WW-T01-10001	Floodway to Mahanoy Creek (WW-T01-10001)	***Temporary*** [6]	***0.2955***		
Stream	WW-T68-10001	UNT to Shamokin Creek (WW-T68-10001)	Temporary	***0.0004***		
Floodway	Floodway to WW-T68-10001	Floodway to UNT to Shamokin Creek (WW-T68-10001)	***Temporary*** [7]	***0.0546***		
Stream	WW-T68-10002	UNT to Shamokin Creek (WW-T68-10002)	Temporary	***0.0046***		
Floodway	Floodway to WW-T68-10002	Floodway to UNT to Shamokin Creek (WW-T68-10002)	***Temporary*** [7]	***0.1212***		
Wetland	W-T68-10001	W-T68-10001	Temporary	0.0042		
Floodway	Floodway to WW-T04-10001	Floodway to Shamokin Creek (WW-T04-10001)	***Temporary*** [8]	0.6308		
~~**Stream**~~	~~**WW-T58-11001A**~~	~~**Coal Run (WW-T58-11001A)**~~	~~**Temporary**~~	~~**0.0029**~~		
Floodway	Floodway to WW-T58-11001A	Floodway to Coal Run (WW-T58-11001A)	***Temporary*** [9]	***0.1120***		
Floodway	Floodway to WW-T58-11001A	Floodway to Coal Run (WW-T58-11001A)	***Temporary*** [10]	0.4575		
						Temporary Impact Fee = $4,000/acre
			Revised Impacts	***5.6264***	***5.7***	***$22,800***
			Previously Submitted Totals *(11-22-2016)*	**5.2830**	**5.3**	**$21,200**
					Change / Balance Due	***$1,600***
					Filing Fee	***$1,750***

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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
					Previously Submitted Total (11-22-2016:Temporary + Permanent + Filing Fee)	***$30,950***
					Revised Total (Temporary + Permanent + Filing Fee)	***$28,550***
					Balance Due	***-$2,400***

[1] Temporary impacts to PFO wetlands include temporal conversion from forested to scrub-shrub or emergent wetland. All impacts to this wetland are within the temporary construction ROW; therefore, the wetland will be allowed to fully revert back to PFO.

[2] 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.

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

[4] Widths are reported as the maximum width for the feature.

[5] 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

[6] 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 installation of rock matting on the existing gravel surface, installation of compost filter sock, and placement of timber matting over existing culverts, as well as vehicle traffic along the existing access road. No permanent fill will be placed or grading completed within the floodway. The rock matting detail is shown on the Access Road Erosion & Sediment Control and Layout Plans in Attachment M.

[7] 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 bridge equipment crossings over the existing streams, as well as vehicle traffic along the existing access road. No permanent fill will be placed or grading completed within the floodway.

[8] 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 vehicle traffic along the existing access road. No permanent fill will be placed or grading completed within the floodway.

[9] 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 vehicle traffic along the existing access road. No permanent fill will be placed or grading completed within the floodway.

[10] 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.