

I-A: SUMMARY INFORMATION WORKSHEET

Project Name:

Project Sponsor:

Proposal Date:

Principal Contact:

Type of Mitigation:

Permittee-Responsible Mitigation

In-Lieu Fee Project

Mitigation Bank Project

Adverse Impact Debits:

Credit Summary:

In-Stream Benefit Credits:

Riparian Benefit Credits:

Fish Passage Credits:

Total Credits – Total Debits =

Are credits 95% \geq debits?

I-B: ADVERSE IMPACT FACTORS WORKSHEET

B1	Stream Type	Ephemeral 0.3	Intermittent 0.4		Perennial 1 st & 2 nd Order 0.6	Perennial 3 rd & 4 th Order 0.8	Perennial \geq 5 th Order 1.0		
B2	Priority Waters	Tertiary 0.1	Secondary 0.4	Primary 0.8	Restored Reach 1.5				
B3	Existing Condition	Functionally Compromised 0.2	Moderately Functional 0.8		Fully Functional 1.6				
B4	Impact Activity	Below Grade Culvert 0.3	Armoring/Indirect 0.5	Conservation Activities 0.7	Detention Facility 0.75	Morphologic Change 1.5	Pipe 2.0	Impoundment 2.2	Complete Loss 2.5
B5	Compensation Ratio (CR)								
Service Area	Mitigation Bank	In-Lieu Fee with extra released credits	In-Lieu Fee		Permittee Responsible Mitigation				
Primary	1	1	1.2		1.5				
Secondary	2	See Instrument	See Instrument		2				
Tertiary	3	See Instrument	See Instrument		3				

	Impact 1	Impact 2	Impact 3	Impact 4	Impact 5
Stream Type					
Priority Waters					
Existing Condition					
Impact Activity					
Sum of Factors (M)					
Linear Feet of Stream Impact (LF)					
Debits (D) = M × LF					
Compensation Ratio (CR)					
Total Debits = (D × CR)					

I-C: IN-STREAM BENEFITS WORKSHEET

C1	Stream Type	Ephemeral 0.15	Intermittent 0.2	Perennial Stream 1 st & 2 nd Order 0.3	Perennial Stream 3 rd & 4 th 0.4	Perennial \geq 5 th Order 0.5
C2	Priority Waters	Tertiary 0.05	Secondary 0.2	Primary 0.4		
C3	Net Benefit	Stream Relocation 0.5	Moderate 1.2		Good 2.4	Excellent 3.5
C4	Site Protection Bonus	Third-party grantee 0.2			No third party grantee 0	
C5	Kind*	In-Kind 1.0			Out-of-kind 0.5	

	Net Benefit 1	Net Benefit 2	Net Benefit 3	Net Benefit 4	Net Benefit 5	Net Benefit 6
Stream Type						
Priority Waters						
Net Benefit						
Site Protection						
Sum Factors (M)						
Linear Feet of Stream Benefited (LF)						
Reach Credits (C) = M x LF						
Kind (K)						
Total Credits = (C x K)						

I-D: RIPARIAN BUFFER WORKSHEET

D1	Net Benefit Factor	Creation/ Establishment 1.6	Riparian Restoration/ Re-Establishment 1.2	Enhancement 0.8	Preservation 0.6
D2	Function Factor	Zone 1 1.2	Zone 2 0.5	Zone 3 0.1	
D3	Site Protection	Third-party grantee 0.2	No 3rd-party grantee 0.0		
D4	Temporal Lag	Hardwoods - 0.3	Combination Hard/Softwood - 0.2	Scrub Shrub - 0.1	Emergent/Herbaceous/ Preservation 0
D5	Buffer Area	Measured in square feet (digital measurements preferred)			
D6	Kind	In-kind 1.0		Out-of-kind 0.5	
D7	Supplemental Bonus	Work on Both Sides of Channel 1.5		Work on One Side of Channel 1.0	

		Area 1	Area 2	Area 3	Area 4	Area 5	Area 6
For reviewer's information only:	Stream length						
	Average width						
Net Benefit Factor							
Function Factor							
Site Protection Bonus							
Temporal Lag							
Sum Factors (M)							
Buffer area in square feet (BA)							
Kind (K)							
Buffer Credits Subtotal (C) = M x BA x K x 0.01							
Supplemental Credit (S)							
Total Credits = C x S							

I-E: FISH PASSAGE WORKSHEET

E1	Benefit Multiplier	Value from 0.1 – 1.0 from DNR table
E2	Perennial Stream Miles	Up to 500 miles

	Dam 1
Benefit Multiplier (E1)	
Perennial Stream Miles (E2)	
Total Fish Passage Credits (FP) = E1 × E2 × 100	