



Phase 1 - FIT - Legacy Data Report

Missisquoi - BlackHungerford

SGAT Version: 3

Reach: <b>R04</b>				<u>Step</u>	<u>Description</u>	<u>Value</u>	
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	<b>None</b>	
3.1		Alluvial Fan:	<b>None</b>	6.1	Berms & Roads Data:		
3.2		Grade Control:	<b>None</b>			<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts:	<b>2</b>			Berms & Roads:	<b>2968.0000</b>	<b>1632.0000</b>
	Total Length:	<b>0.000</b>		6.2	Dev. Length:	<b>0.0000</b>	<b>1761.0000</b>
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Corridor Development Data:		
	Data Armoring:					<u>Old</u>	<u>New</u>
5.4	Straightening Length:			7.2	Bank Erosion:	<b>N.D.</b>	
	Straightening Data:	<b>None</b>			Bank Height:	<b>N.D.</b>	

Phase 1 - FIT - Legacy Data Report

Missisquoi - BlackHungerford

SGAT Version: 3

Reach: <b>R4S3.01</b>				<u>Step</u>	<u>Description</u>	<u>Value</u>	
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	<b>None</b>	
3.1		Alluvial Fan:	<b>None</b>	6.1	Berms & Roads Data:		
3.2		Grade Control:	<b>Ledge</b>			<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts:	<b>4</b>			Berms & Roads:	<b>508.3700</b>	<b>0.0000</b>
	Total Length:	<b>359.540</b>		6.2	Dev. Length:	<b>949.3300</b>	<b>231.4900</b>
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Corridor Development Data:		
		<b>10.5500</b>	<b>79.7700</b>			<u>Old</u>	<u>New</u>
		<b>0</b>	<b>0</b>	7.2	Bank Erosion:	<b>N.S.</b>	<b>393.5700073</b>
	Data Armoring:				Bank Height:	<b>Low</b>	<b>2.214</b>
5.4	Straightening Length:	<b>0.00000</b>					
	Straightening Data:	<b>None</b>					



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
July, 17 2024

## Phase 1 - FIT - Legacy Data Report

## Missisquoi - BlackHungerford

SGAT Version: 3

Reach: <b>R05</b>		<u>Step</u>	<u>Description</u>	<u>Value</u>
		5.5	Dredging History:	<b>None</b>
3.1	Alluvial Fan:	6.1	Berms & Roads Data:	
			<u>One Side</u>	<u>Both Sides</u>
3.2	Grade Control:		Berms & Roads:	<b>1812.0000</b>
		6.2	Dev. Length:	<b>1583.0000</b>
5.2	# of Bridges or Culverts:		Corridor Development Data:	
			<u>Old</u>	<u>New</u>
	Total Length:	7.2	Bank Erosion:	<b>Low</b>
			Bank Height:	<b>High</b>
5.3	Armoring Length			
	Data Armoring:			
5.4	Straightening Length:			
	Straightening Data:			

## Phase 1 - FIT - Legacy Data Report

## Missisquoi - BlackHungerford

SGAT Version: 3

Reach: <b>R5S7.01</b>		<u>Step</u>	<u>Description</u>	<u>Value</u>
		5.5	Dredging History:	<b>None</b>
3.1	Alluvial Fan:	6.1	Berms & Roads Data:	<b>None</b>
			<u>One Side</u>	<u>Both Sides</u>
3.2	Grade Control:		Berms & Roads:	
		6.2	Dev. Length:	<b>148.0000</b>
5.2	# of Bridges or Culverts:		Corridor Development Data:	
			<u>Old</u>	<u>New</u>
	Total Length:	7.2	Bank Erosion:	<b>N.D.</b>
			Bank Height:	<b>N.D.</b>
5.3	Armoring Length			
	Data Armoring:			
5.4	Straightening Length:			
	Straightening Data:			



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
July, 17 2024

## Phase 1 - FIT - Legacy Data Report

## Missisquoi - BlackHungerford

SGAT Version: 3

Reach: <b>R5S7.02</b>		<u>Step</u>	<u>Description</u>	<u>Value</u>
		5.5	Dredging History:	<b>None</b>
3.1	Alluvial Fan:	6.1	Berms & Roads Data:	<b>None</b>
3.2	Grade Control:		<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts:		Berms & Roads:	
	Total Length:	6.2	Dev. Length:	<b>0.0000</b> <b>110.0000</b>
5.3	Armoring Length		Corridor Development Data:	
			<u>Old</u>	<u>New</u>
	Data Armoring:	7.2	Bank Erosion:	<b>N.D.</b>
5.4	Straightening Length:		Bank Height:	<b>N.D.</b>
	Straightening Data:			

## Phase 1 - FIT - Legacy Data Report

## Missisquoi - BlackHungerford

SGAT Version: 3

Reach: <b>R06</b>		<u>Step</u>	<u>Description</u>	<u>Value</u>
		5.5	Dredging History:	<b>None</b>
3.1	Alluvial Fan:	6.1	Berms & Roads Data:	
3.2	Grade Control:		<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts:		Berms & Roads:	<b>12709.0000</b> <b>1540.0000</b>
	Total Length:		<b>0</b>	
5.3	Armoring Length	6.2	Dev. Length:	<b>3651.0000</b> <b>596.0000</b>
			Corridor Development Data:	
	Data Armoring:		<u>Old</u>	<u>New</u>
5.4	Straightening Length:	7.2	Bank Erosion:	<b>Low</b>
	Straightening Data:		Bank Height:	<b>High</b>



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
July, 17 2024

## Phase 1 - FIT - Legacy Data Report

## Missisquoi - BlackHungerford

SGAT Version: 3

Reach: <b>R07</b>				<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	<b>None</b>
3.1	Alluvial Fan:	<b>None</b>		6.1	Berms & Roads Data:	
3.2	Grade Control:	<b>None</b>			<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts:	<b>0</b>			Berms & Roads:	<b>3344.0000 4287.0000</b>
	Total Length:	<b>0.000</b>		6.2	Dev. Length:	<b>3834.0000 158.0000</b>
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Corridor Development Data:	
	Data Armoring:				<u>Old</u>	<u>New</u>
5.4	Straightening Length:			7.2	Bank Erosion:	<b>N.D.</b>
	Straightening Data:	<b>None</b>			Bank Height:	<b>N.D.</b>

## Phase 1 - FIT - Legacy Data Report

## Missisquoi - BlackHungerford

SGAT Version: 3

Reach: <b>R7S2.01</b>				<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	<b>None</b>
3.1	Alluvial Fan:	<b>None</b>		6.1	Berms & Roads Data:	<b>None</b>
3.2	Grade Control:	<b>None</b>			<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts:	<b>2</b>			Berms & Roads:	
	Total Length:	<b>300.000</b>		6.2	Dev. Length:	<b>266.0000 105.0000</b>
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Corridor Development Data:	
	Data Armoring:	<b>No Data</b>			<u>Old</u>	<u>New</u>
5.4	Straightening Length:			7.2	Bank Erosion:	<b>N.D.</b>
	Straightening Data:	<b>None</b>			Bank Height:	<b>N.D.</b>



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
July, 17 2024

## Phase 1 - FIT - Legacy Data Report

## Missisquoi - BlackHungerford

SGAT Version: 3

Reach: <b>R7S2.02</b>		<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	<b>None</b>		
3.2	Grade Control:	<b>None</b>		
5.2	# of Bridges or Culverts:	<b>3</b>		
	Total Length:	<b>400.000</b>		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	
	Data Armoring:	<b>No Data</b>		
5.4	Straightening Length:	<b>2031.00000</b>		
	Straightening Data:			
	<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	<b>None</b>		
6.1	Berms & Roads Data:			
		<u>One Side</u>	<u>Both Sides</u>	
	Berms & Roads:	<b>1117.0000</b>	<b>177.0000</b>	
6.2	Dev. Length:	<b>0.0000</b>	<b>119.0000</b>	
	Corridor Development Data:			
		<u>Old</u>	<u>New</u>	
7.2	Bank Erosion:	<b>N.D.</b>		
	Bank Height:	<b>N.D.</b>		

## Phase 1 - FIT - Legacy Data Report

## Missisquoi - BlackHungerford

SGAT Version: 3

Reach: <b>R7S2.03</b>		<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	<b>None</b>		
3.2	Grade Control:	<b>None</b>		
5.2	# of Bridges or Culverts:	<b>1</b>		
	Total Length:	<b>100.000</b>		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	
	Data Armoring:	<b>No Data</b>		
5.4	Straightening Length:			
	Straightening Data:	<b>None</b>		
	<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	<b>None</b>		
6.1	Berms & Roads Data:			
		<u>One Side</u>	<u>Both Sides</u>	
	Berms & Roads:	<b>171.0000</b>		
6.2	Dev. Length:	<b>0.0000</b>	<b>42.0000</b>	
	Corridor Development Data:			
		<u>Old</u>	<u>New</u>	
7.2	Bank Erosion:	<b>N.D.</b>		
	Bank Height:	<b>N.D.</b>		



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
July, 17 2024

## Phase 1 - FIT - Legacy Data Report

## Missisquoi - BlackHungerford

SGAT Version: 3

Reach: <b>R7S2.04</b>		<u>Step</u>	<u>Description</u>	<u>Value</u>
		5.5	Dredging History:	<b>None</b>
<u>Step</u>	<u>Description</u>			
3.1	Alluvial Fan:	6.1	Berms & Roads Data:	
			<u>One Side</u>	<u>Both Sides</u>
3.2	Grade Control:			
			Berms & Roads:	<b>381.0000</b>
5.2	# of Bridges or Culverts:	6.2	Dev. Length:	<b>58.0000</b>
				<b>150.0000</b>
	Total Length:		Corridor Development Data:	
			<u>Old</u>	<u>New</u>
5.3	Armoring Length	7.2	Bank Erosion:	<b>N.D.</b>
			Bank Height:	<b>N.D.</b>
	Data Armoring:			
5.4	Straightening Length:			
	Straightening Data:			

## Phase 1 - FIT - Legacy Data Report

## Missisquoi - BlackHungerford

SGAT Version: 3

Reach: <b>R08</b>		<u>Step</u>	<u>Description</u>	<u>Value</u>
		5.5	Dredging History:	<b>None</b>
<u>Step</u>	<u>Description</u>			
3.1	Alluvial Fan:	6.1	Berms & Roads Data:	
			<u>One Side</u>	<u>Both Sides</u>
3.2	Grade Control:			
			Berms & Roads:	<b>3200.0000</b>
5.2	# of Bridges or Culverts:	6.2	Dev. Length:	<b>1449.0000</b>
				<b>704.0000</b>
	Total Length:		Corridor Development Data:	
			<u>Old</u>	<u>New</u>
5.3	Armoring Length	7.2	Bank Erosion:	<b>Low</b>
			Bank Height:	<b>Medium</b>
	Data Armoring:			
5.4	Straightening Length:			
	Straightening Data:			



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
July, 17 2024

## Phase 1 - FIT - Legacy Data Report

## Missisquoi - BlackHungerford

SGAT Version: 3

Reach: <b>R8T1.01</b>			<u>Step</u> <u>Description</u> <u>Value</u>		
<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	<b>None</b>
3.1	Alluvial Fan:	<b>None</b>	6.1	Berms & Roads Data:	
3.2	Grade Control:	<b>None</b>		<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts:	<b>3</b>		Berms & Roads:	<b>1558.0000</b>
	Total Length:	<b>300.000</b>	6.2	Dev. Length:	<b>0.0000</b> <b>174.0000</b>
5.3	Armoring Length	<u>Left</u> <u>Right</u>		Corridor Development Data:	
	Data Armoring:			<u>Old</u>	<u>New</u>
5.4	Straightening Length:	<b>2708.00000</b>	7.2	Bank Erosion:	<b>N.D.</b>
	Straightening Data:			Bank Height:	<b>N.D.</b>

## Phase 1 - FIT - Legacy Data Report

## Missisquoi - BlackHungerford

SGAT Version: 3

Reach: <b>R8T1.02</b>			<u>Step</u> <u>Description</u> <u>Value</u>		
<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	<b>None</b>
3.1	Alluvial Fan:	<b>None</b>	6.1	Berms & Roads Data:	
3.2	Grade Control:	<b>None</b>		<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts:	<b>3</b>		Berms & Roads:	<b>46.0000</b>
	Total Length:	<b>300.000</b>	6.2	Dev. Length:	<b>226.0000</b> <b>83.0000</b>
5.3	Armoring Length	<u>Left</u> <u>Right</u>		Corridor Development Data:	
	Data Armoring:	<b>No Data</b>		<u>Old</u>	<u>New</u>
5.4	Straightening Length:	<b>2200.00000</b>	7.2	Bank Erosion:	<b>N.D.</b>
	Straightening Data:			Bank Height:	<b>N.D.</b>



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
July, 17 2024

## Phase 1 - FIT - Legacy Data Report

## Missisquoi - BlackHungerford

SGAT Version: 3

Reach: <b>R8T1.03</b>			<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	<b>None</b>
3.1	Alluvial Fan:	<b>None</b>	6.1	Berms & Roads Data:	
3.2	Grade Control:	<b>None</b>		<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts:	<b>0</b>		Berms & Roads:	<b>712.0000</b>
	Total Length:	<b>0.000</b>	6.2	Dev. Length:	<b>0.0000</b> <b>0.0000</b>
5.3	Armoring Length	<u>Left</u> <u>Right</u>		Corridor Development Data:	
	Data Armoring:	<b>No Data</b>		<u>Old</u>	<u>New</u>
5.4	Straightening Length:		7.2	Bank Erosion:	<b>N.D.</b>
	Straightening Data:	<b>None</b>		Bank Height:	<b>N.D.</b>

## Phase 1 - FIT - Legacy Data Report

## Missisquoi - BlackHungerford

SGAT Version: 3

Reach: <b>R8T1.04</b>			<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	<b>None</b>
3.1	Alluvial Fan:	<b>None</b>	6.1	Berms & Roads Data:	
3.2	Grade Control:	<b>None</b>		<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts:	<b>2</b>		Berms & Roads:	<b>199.0000</b>
	Total Length:	<b>300.000</b>	6.2	Dev. Length:	<b>0.0000</b> <b>49.0000</b>
5.3	Armoring Length	<u>Left</u> <u>Right</u>		Corridor Development Data:	
	Data Armoring:	<b>No Data</b>		<u>Old</u>	<u>New</u>
5.4	Straightening Length:	<b>5620.00000</b>	7.2	Bank Erosion:	<b>N.D.</b>
	Straightening Data:			Bank Height:	<b>N.D.</b>





# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
July, 17 2024

## Phase 1 - FIT - Legacy Data Report

## Missisquoi - BlackHungerford

SGAT Version: 3

Reach: <b>R6S4.01</b>			<u>Step</u> <u>Description</u> <u>Value</u>		
<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	<b>None</b>
3.1	Alluvial Fan:	<b>None</b>	6.1	Berms & Roads Data:	<b>None</b>
3.2	Grade Control:	<b>None</b>		<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts:	<b>3</b>		Berms & Roads:	
	Total Length:	<b>800.000</b>	6.2	Dev. Length:	<b>0.0000</b> <b>224.0000</b>
5.3	Armoring Length	<u>Left</u> <u>Right</u>		Corridor Development Data:	
	Data Armoring:	<b>No Data</b>		<u>Old</u>	<u>New</u>
5.4	Straightening Length:	<b>787.00000</b>	7.2	Bank Erosion:	<b>N.D.</b>
	Straightening Data:			Bank Height:	<b>N.D.</b>

## Phase 1 - FIT - Legacy Data Report

## Missisquoi - BlackHungerford

SGAT Version: 3

Reach: <b>R6S4.02</b>			<u>Step</u> <u>Description</u> <u>Value</u>		
<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	<b>None</b>
3.1	Alluvial Fan:	<b>None</b>	6.1	Berms & Roads Data:	
3.2	Grade Control:	<b>None</b>		<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts:	<b>3</b>		Berms & Roads:	<b>1395.0000</b> <b>156.0000</b>
	Total Length:	<b>500.000</b>	6.2	Dev. Length:	<b>60.0000</b> <b>165.0000</b>
5.3	Armoring Length	<u>Left</u> <u>Right</u>		Corridor Development Data:	
	Data Armoring:			<u>Old</u>	<u>New</u>
5.4	Straightening Length:	<b>3963.00000</b>	7.2	Bank Erosion:	<b>N.D.</b>
	Straightening Data:			Bank Height:	<b>N.D.</b>



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
July, 17 2024

## Phase 1 - FIT - Legacy Data Report

## Missisquoi - BlackHungerford

SGAT Version: 3

Reach: <b>R5S1.01</b>			<u>Step</u> <u>Description</u> <u>Value</u>		
<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	<b>None</b>
3.1	Alluvial Fan:	<b>Yes</b>	6.1	Berms & Roads Data:	<b>None</b>
3.2	Grade Control:	<b>None</b>		<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts:	<b>0</b>		Berms & Roads:	
	Total Length:	<b>0.000</b>	6.2	Dev. Length:	<b>0.0000</b> <b>0.0000</b>
5.3	Armoring Length	<u>Left</u> <u>Right</u>		Corridor Development Data:	
	Data Armoring:	<b>No Data</b>		<u>Old</u>	<u>New</u>
5.4	Straightening Length:		7.2	Bank Erosion:	<b>N.D.</b>
	Straightening Data:	<b>None</b>		Bank Height:	<b>N.D.</b>

## Phase 1 - FIT - Legacy Data Report

## Missisquoi - BlackHungerford

SGAT Version: 3

Reach: <b>R4S2.01</b>			<u>Step</u> <u>Description</u> <u>Value</u>		
<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	<b>None</b>
3.1	Alluvial Fan:	<b>Yes</b>	6.1	Berms & Roads Data:	<b>None</b>
3.2	Grade Control:	<b>None</b>		<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts:	<b>0</b>		Berms & Roads:	
	Total Length:	<b>0.000</b>	6.2	Dev. Length:	<b>343.0000</b> <b>0.0000</b>
5.3	Armoring Length	<u>Left</u> <u>Right</u>		Corridor Development Data:	
	Data Armoring:			<u>Old</u>	<u>New</u>
5.4	Straightening Length:	<b>905.00000</b>	7.2	Bank Erosion:	<b>N.D.</b>
	Straightening Data:			Bank Height:	<b>N.D.</b>



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
July, 17 2024

## Phase 1 - FIT - Legacy Data Report

## Missisquoi - BlackHungerford

SGAT Version: 3

Reach: <b>R4S2.02</b>		<u>Step</u>	<u>Description</u>	<u>Value</u>
		5.5	Dredging History:	<b>None</b>
3.1	Alluvial Fan:	6.1	Berms & Roads Data:	
			<u>One Side</u>	<u>Both Sides</u>
3.2	Grade Control:		Berms & Roads:	<b>180.0000</b> <b>148.0000</b>
			Dev. Length:	<b>356.0000</b> <b>40.0000</b>
5.2	# of Bridges or Culverts:	6.2	Corridor Development Data:	
	Total Length:		<u>Old</u>	<u>New</u>
	<b>200.000</b>		7.2	Bank Erosion: <b>N.D.</b>
5.3	Armoring Length		Bank Height:	<b>N.D.</b>
	<u>Left</u>			
	<u>Right</u>			
	Data Armoring:			
	<b>No Data</b>			
5.4	Straightening Length:			
	<b>1308.00000</b>			
	Straightening Data:			

## Phase 1 - FIT - Legacy Data Report

## Missisquoi - BlackHungerford

SGAT Version: 3

Reach: <b>R4S1.1S1.01</b>		<u>Step</u>	<u>Description</u>	<u>Value</u>
		5.5	Dredging History:	<b>None</b>
3.1	Alluvial Fan:	6.1	Berms & Roads Data:	
			<u>One Side</u>	<u>Both Sides</u>
3.2	Grade Control:		Berms & Roads:	<b>749.4600</b> <b>296.7500</b>
			Dev. Length:	<b>138.3400</b> <b>0.0000</b>
5.2	# of Bridges or Culverts:	6.2	Corridor Development Data:	
	Total Length:		<u>Old</u>	<u>New</u>
	<b>188.780</b>		7.2	Bank Erosion: <b>N.S.</b> <b>1049.5500488</b>
5.3	Armoring Length		Bank Height:	<b>Low</b> <b>2.360</b>
	<u>Left</u>			
	<u>Right</u>			
	<b>19.4100</b> <b>18.0200</b>			
	<b>0</b> <b>0</b>			
	Data Armoring:			
5.4	Straightening Length:			
	<b>1007.73999</b>			
	Straightening Data:			