



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
June, 17 2026

## Phase 1 - FIT - Legacy Data Report

## Missisquoi Mouth

SGAT Version: 3

Reach: <b>R01</b>				<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	<b>No Data</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:	
	Total Length:	<b>0.000</b>		6.2	Dev. Length:	<b>0.0000</b> <b>1146.0000</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:				Bank Height:	<b>N.D.</b>

## Phase 1 - FIT - Legacy Data Report

## Missisquoi Mouth

SGAT Version: 3

Reach: <b>R02</b>				<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	<b>No Data</b>
3.1	Alluvial Fan:	<b>None</b>		6.1	Berms & Roads Data:	
3.2	Grade Control:	<b>Dam</b>			<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts:	<b>2</b>			Berms & Roads:	
	Total Length:	<b>0.000</b>		6.2	Dev. Length:	<b>0.0000</b> <b>19420.0000</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>Low</b>
	Straightening Data:				Bank Height:	<b>Medium</b>



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SGAT Version: 3

Reach: <b>R03</b>				<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	<b>No Data</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>4</b>			Berms & Roads:	
	Total Length:	<b>0.000</b>		6.2	Dev. Length:	
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>Low</b>
	Straightening Data:				Bank Height:	<b>Medium</b>

## Phase 1 - FIT - Legacy Data Report

## Missisquoi Mouth

SGAT Version: 3

Reach: <b>R1S1.1S1.01</b>				<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	<b>No Data</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:	
	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:				<u>Old</u>	<u>New</u>
5.4	Straightening Length:			7.2	Bank Erosion:	<b>N.D.</b>
	Straightening Data:				Bank Height:	<b>N.D.</b>



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SGAT Version: 3

Reach: <b>R1S1.1S1.02</b>			<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>			
3.1	Alluvial Fan:	<b>None</b>	5.5	Dredging History:	<b>No Data</b>
3.2	Grade Control:	<b>None</b>	6.1	Berms & Roads Data:	
5.2	# of Bridges or Culverts:	<b>6</b>		<u>One Side</u>	<u>Both Sides</u>
	Total Length:	<b>1300.000</b>		Berms & Roads:	
5.3	Armoring Length	<u>Left</u> <u>Right</u>	6.2	Dev. Length:	<b>0.0000</b> <b>0.0000</b>
	Data Armoring:			Corridor Development Data:	
5.4	Straightening Length:	<b>4021.00000</b>		<u>Old</u>	<u>New</u>
	Straightening Data:		7.2	Bank Erosion:	<b>N.D.</b>
				Bank Height:	<b>N.D.</b>

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## Missisquoi Mouth

SGAT Version: 3

Reach: <b>R1S1.1S1.03</b>			<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>			
3.1	Alluvial Fan:	<b>None</b>	5.5	Dredging History:	<b>No Data</b>
3.2	Grade Control:	<b>None</b>	6.1	Berms & Roads Data:	
5.2	# of Bridges or Culverts:	<b>2</b>		<u>One Side</u>	<u>Both Sides</u>
	Total Length:	<b>103.000</b>		Berms & Roads:	
5.3	Armoring Length	<u>Left</u> <u>Right</u>	6.2	Dev. Length:	<b>0.0000</b> <b>0.0000</b>
	Data Armoring:			Corridor Development Data:	
5.4	Straightening Length:	<b>3710.00000</b>		<u>Old</u>	<u>New</u>
	Straightening Data:		7.2	Bank Erosion:	<b>N.D.</b>
				Bank Height:	<b>N.D.</b>



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SGAT Version: **3**

Reach: <b>R2S1.01</b>		<u>Step</u>	<u>Description</u>	<u>Value</u>
		5.5	Dredging History:	<b>No Data</b>
<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>10</b>		
	Total Length:	<b>0.000</b>		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	
	Data Armoring:			
5.4	Straightening Length:	<b>7189.00000</b>		
	Straightening Data:			
		6.1	Berms & Roads Data:	
			<u>One Side</u>	<u>Both Sides</u>
		6.2	Dev. Length:	<b>0.0000</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 Mouth

SGAT Version: **3**

Reach: <b>R2S2.01</b>		<u>Step</u>	<u>Description</u>	<u>Value</u>
		5.5	Dredging History:	<b>No Data</b>
<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>4</b>		
	Total Length:	<b>109.000</b>		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	
	Data Armoring:			
5.4	Straightening Length:	<b>2010.00000</b>		
	Straightening Data:			
		6.1	Berms & Roads Data:	
			<u>One Side</u>	<u>Both Sides</u>
		6.2	Dev. Length:	<b>0.0000</b>
			Corridor Development Data:	
			<u>Old</u>	<u>New</u>
		7.2	Bank Erosion:	<b>N.D.</b>
			Bank Height:	<b>N.D.</b>



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## Missisquoi Mouth

SGAT Version: 3

Reach: <b>R2S5.01</b>			<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>			
3.1	Alluvial Fan:	<b>None</b>	5.5	Dredging History:	<b>No Data</b>
3.2	Grade Control:	<b>None</b>	6.1	Berms & Roads Data:	
5.2	# of Bridges or Culverts:	<b>2</b>		<u>One Side</u>	<u>Both Sides</u>
	Total Length:	<b>226.000</b>		Berms & Roads:	
5.3	Armoring Length	<u>Left</u> <u>Right</u>	6.2	Dev. Length:	<b>57.0000</b> <b>0.0000</b>
	Data Armoring:			Corridor Development Data:	
5.4	Straightening Length:	<b>4797.00000</b>		<u>Old</u>	<u>New</u>
	Straightening Data:		7.2	Bank Erosion:	<b>N.D.</b>
				Bank Height:	<b>N.D.</b>

## Phase 1 - FIT - Legacy Data Report

## Missisquoi Mouth

SGAT Version: 3

Reach: <b>R2S5.02</b>			<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>			
3.1	Alluvial Fan:	<b>None</b>	5.5	Dredging History:	<b>No Data</b>
3.2	Grade Control:	<b>None</b>	6.1	Berms & Roads Data:	
5.2	# of Bridges or Culverts:	<b>3</b>		<u>One Side</u>	<u>Both Sides</u>
	Total Length:	<b>425.000</b>		Berms & Roads:	
5.3	Armoring Length	<u>Left</u> <u>Right</u>	6.2	Dev. Length:	<b>0.0000</b> <b>283.0000</b>
	Data Armoring:			Corridor Development Data:	
5.4	Straightening Length:	<b>6134.00000</b>		<u>Old</u>	<u>New</u>
	Straightening Data:		7.2	Bank Erosion:	<b>N.D.</b>
				Bank Height:	<b>N.D.</b>



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SGAT Version: 3

Reach: <b>R2S5.03</b>			<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>			
	3.1	Alluvial Fan: <b>Yes</b>	5.5	Dredging History:	<b>No Data</b>
	3.2	Grade Control: <b>None</b>	6.1	Berms & Roads Data:	
	5.2	# of Bridges or Culverts: <b>3</b>		<u>One Side</u>	<u>Both Sides</u>
		Total Length: <b>405.000</b>		Berms & Roads:	
	5.3	Armoring Length <u>Left</u> <u>Right</u>	6.2	Dev. Length: <b>0.0000</b>	<b>122.0000</b>
		Data Armoring:		Corridor Development Data:	
	5.4	Straightening Length: <b>458.00000</b>		<u>Old</u>	<u>New</u>
		Straightening Data:	7.2	Bank Erosion: <b>N.D.</b>	
				Bank Height: <b>N.D.</b>	

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## Missisquoi Mouth

SGAT Version: 3

Reach: <b>R2S5.04</b>			<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>			
	3.1	Alluvial Fan: <b>None</b>	5.5	Dredging History:	<b>No Data</b>
	3.2	Grade Control: <b>None</b>	6.1	Berms & Roads Data:	
	5.2	# of Bridges or Culverts: <b>3</b>		<u>One Side</u>	<u>Both Sides</u>
		Total Length: <b>168.000</b>		Berms & Roads:	
	5.3	Armoring Length <u>Left</u> <u>Right</u>	6.2	Dev. Length: <b>0.0000</b>	<b>0.0000</b>
		Data Armoring:		Corridor Development Data:	
	5.4	Straightening Length: <b>5475.00000</b>		<u>Old</u>	<u>New</u>
		Straightening Data:	7.2	Bank Erosion: <b>N.D.</b>	
				Bank Height: <b>N.D.</b>	



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SGAT Version: 3

Reach: <b>R3S1.01</b>			<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>			
3.1	Alluvial Fan:	<b>None</b>	5.5	Dredging History:	<b>No Data</b>
3.2	Grade Control:	<b>None</b>	6.1	Berms & Roads Data:	
5.2	# of Bridges or Culverts:	<b>1</b>		<u>One Side</u>	<u>Both Sides</u>
	Total Length:	<b>203.000</b>		Berms & Roads:	
5.3	Armoring Length	<u>Left</u> <u>Right</u>	6.2	Dev. Length:	<b>102.0000</b> <b>0.0000</b>
	Data Armoring:			Corridor Development Data:	
5.4	Straightening Length:	<b>704.00000</b>		<u>Old</u>	<u>New</u>
	Straightening Data:		7.2	Bank Erosion:	<b>N.D.</b>
				Bank Height:	<b>N.D.</b>

## Phase 1 - FIT - Legacy Data Report

## Missisquoi Mouth

SGAT Version: 3

Reach: <b>R3S4.01</b>			<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>			
3.1	Alluvial Fan:	<b>None</b>	5.5	Dredging History:	<b>None</b>
3.2	Grade Control:	<b>None</b>	6.1	Berms & Roads Data:	
5.2	# of Bridges or Culverts:	<b>1</b>		<u>One Side</u>	<u>Both Sides</u>
	Total Length:	<b>23.910</b>		Berms & Roads:	<b>0.0000</b> <b>0.0000</b>
5.3	Armoring Length	<u>Left</u> <u>Right</u>	6.2	Dev. Length:	<b>0.0000</b> <b>0.0000</b>
		<b>0.00000</b> <b>0.00000</b>		Corridor Development Data:	
	Data Armoring:	<b>None</b>		<u>Old</u>	<u>New</u>
5.4	Straightening Length:	<b>2259.23999</b>	7.2	Bank Erosion:	<b>N.S.</b> <b>225.8200073</b>
	Straightening Data:			Bank Height:	<b>Medium</b> <b>5.006</b>



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## Missisquoi Mouth

SGAT Version: 3

Reach: <b>R3S4.02</b>			<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>			
3.1	Alluvial Fan:	<b>None</b>	5.5	Dredging History:	<b>None</b>
3.2	Grade Control:	<b>None</b>	6.1	Berms & Roads Data:	
5.2	# of Bridges or Culverts:	<b>0</b>		<u>One Side</u>	<u>Both Sides</u>
	Total Length:	<b>0.000</b>		Berms & Roads:	<b>0.0000</b> <b>0.0000</b>
5.3	Armoring Length	<u>Left</u> <u>Right</u>	6.2	Dev. Length:	<b>0.0000</b> <b>0.0000</b>
		<b>0.00000</b> <b>0.00000</b>		Corridor Development Data:	
	Data Armoring:	<b>None</b>		<u>Old</u>	<u>New</u>
5.4	Straightening Length:	<b>1253.57996</b>	7.2	Bank Erosion:	<b>Low</b> <b>597.7200317</b>
	Straightening Data:			Bank Height:	<b>Low</b> <b>1.476</b>

## Phase 1 - FIT - Legacy Data Report

## Missisquoi Mouth

SGAT Version: 3

Reach: <b>R3S4.03</b>			<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>			
3.1	Alluvial Fan:	<b>None</b>	5.5	Dredging History:	<b>None</b>
3.2	Grade Control:	<b>None</b>	6.1	Berms & Roads Data:	
5.2	# of Bridges or Culverts:	<b>2</b>		<u>One Side</u>	<u>Both Sides</u>
	Total Length:	<b>209.620</b>		Berms & Roads:	<b>0.0000</b> <b>0.0000</b>
5.3	Armoring Length	<u>Left</u> <u>Right</u>	6.2	Dev. Length:	<b>0.0000</b> <b>0.0000</b>
		<b>0.00000</b> <b>0.00000</b>		Corridor Development Data:	
	Data Armoring:	<b>None</b>		<u>Old</u>	<u>New</u>
5.4	Straightening Length:	<b>0.00000</b>	7.2	Bank Erosion:	<b>N.S.</b> <b>258.0599976</b>
	Straightening Data:	<b>None</b>		Bank Height:	<b>Low</b> <b>2.041</b>



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SGAT Version: 3

Reach: <b>R3S4.04</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>0.0000</b> <b>0.0000</b>
			Dev. Length:	<b>0.0000</b> <b>0.0000</b>
5.2	# of Bridges or Culverts:	6.2	Corridor Development Data:	
	Total Length:		<u>Old</u>	<u>New</u>
			Bank Erosion:	<b>None</b> <b>0.0000000</b>
5.3	Armoring Length		Bank Height:	<b>N.D.</b> <b>0.000</b>
	Data Armoring:			
5.4	Straightening Length:			
	Straightening Data:			

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## Missisquoi Mouth

SGAT Version: 3

Reach: <b>R3S4.05</b>		<u>Step</u>	<u>Description</u>	<u>Value</u>
		5.5	Dredging History:	<b>No Data</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:	
			Dev. Length:	<b>0.0000</b> <b>0.0000</b>
5.2	# of Bridges or Culverts:	6.2	Corridor Development Data:	
	Total Length:		<u>Old</u>	<u>New</u>
			Bank Erosion:	<b>N.D.</b>
5.3	Armoring Length		Bank Height:	<b>N.D.</b>
	Data Armoring:			
5.4	Straightening Length:			
	Straightening Data:			