



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
April, 06 2026

Phase 1 - FIT - Legacy Data Report

Missisquoi Mouth

SGAT Version: 3

Reach: R01				<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	No Data
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts:	0			Berms & Roads:	
	Total Length:	0.000		6.2	Dev. Length:	0.0000 1146.0000
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:	N.D.
	Straightening Data:				Bank Height:	N.D.

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SGAT Version: 3

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



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SGAT Version: 3

Reach: R03		<u>Step</u>	<u>Description</u>	<u>Value</u>
		5.5	Dredging History:	No Data
<u>Step</u>	<u>Description</u>	<u>Value</u>		
3.1	Alluvial Fan:	None		
3.2	Grade Control:	None		
5.2	# of Bridges or Culverts:	4		
	Total Length:	0.000		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	
	Data Armoring:			
5.4	Straightening Length:			
	Straightening Data:			
		6.1	Berms & Roads Data:	
			<u>One Side</u>	<u>Both Sides</u>
		6.2	Dev. Length:	
			Corridor Development Data:	
			<u>Old</u>	<u>New</u>
		7.2	Bank Erosion:	Low
			Bank Height:	Medium

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SGAT Version: 3

Reach: R1S1.1S1.01		<u>Step</u>	<u>Description</u>	<u>Value</u>
		5.5	Dredging History:	No Data
<u>Step</u>	<u>Description</u>	<u>Value</u>		
3.1	Alluvial Fan:	None		
3.2	Grade Control:	None		
5.2	# of Bridges or Culverts:	0		
	Total Length:	0.000		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	
	Data Armoring:			
5.4	Straightening Length:			
	Straightening Data:			
		6.1	Berms & Roads Data:	
			<u>One Side</u>	<u>Both Sides</u>
		6.2	Dev. Length:	0.0000
			Corridor Development Data:	0.0000
			<u>Old</u>	<u>New</u>
		7.2	Bank Erosion:	N.D.
			Bank Height:	N.D.



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SGAT Version: **3**

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

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SGAT Version: **3**

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



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SGAT Version: 3

Reach: R2S1.01			<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>			
3.1	Alluvial Fan:	None	5.5	Dredging History:	No Data
3.2	Grade Control:	None	6.1	Berms & Roads Data:	
5.2	# of Bridges or Culverts:	10		<u>One Side</u>	<u>Both Sides</u>
	Total Length:	0.000		Berms & Roads:	
5.3	Armoring Length	<u>Left</u> <u>Right</u>	6.2	Dev. Length:	0.0000 689.0000
	Data Armoring:			Corridor Development Data:	
5.4	Straightening Length:	7189.00000		<u>Old</u>	<u>New</u>
	Straightening Data:		7.2	Bank Erosion:	N.D.
				Bank Height:	N.D.

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SGAT Version: 3

Reach: R2S2.01			<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>			
3.1	Alluvial Fan:	None	5.5	Dredging History:	No Data
3.2	Grade Control:	None	6.1	Berms & Roads Data:	
5.2	# of Bridges or Culverts:	4		<u>One Side</u>	<u>Both Sides</u>
	Total Length:	109.000		Berms & Roads:	
5.3	Armoring Length	<u>Left</u> <u>Right</u>	6.2	Dev. Length:	0.0000 1454.0000
	Data Armoring:			Corridor Development Data:	
5.4	Straightening Length:	2010.00000		<u>Old</u>	<u>New</u>
	Straightening Data:		7.2	Bank Erosion:	N.D.
				Bank Height:	N.D.



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SGAT Version: 3

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

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SGAT Version: 3

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



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SGAT Version: **3**

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

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SGAT Version: **3**

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



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Missisquoi Mouth

SGAT Version: 3

Reach: R3S1.01		<u>Step</u>	<u>Description</u>	<u>Value</u>
		5.5	Dredging History:	No Data
3.1	Alluvial Fan:	6.1	Berms & Roads Data:	
			<u>One Side</u>	<u>Both Sides</u>
3.2	Grade Control:		Berms & Roads:	
		6.2	Dev. Length:	102.0000 0.0000
5.2	# of Bridges or Culverts: 1		Corridor Development Data:	
	Total Length: 203.000		<u>Old</u>	<u>New</u>
5.3	Armoring Length	7.2	Bank Erosion:	N.D.
	<u>Left</u> <u>Right</u>		Bank Height:	N.D.
	Data Armoring:			
5.4	Straightening Length: 704.00000			
	Straightening Data:			

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SGAT Version: 3

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



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Missisquoi Mouth

SGAT Version: 3

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

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Missisquoi Mouth

SGAT Version: 3

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



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SGAT Version: 3

Reach: R3S4.04			<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>			
3.1	Alluvial Fan:	None	5.5	Dredging History:	None
3.2	Grade Control:	None	6.1	Berms & Roads Data:	
5.2	# of Bridges or Culverts:	1		<u>One Side</u>	<u>Both Sides</u>
	Total Length:	15.750		Berms & Roads:	0.0000 0.0000
5.3	Armoring Length	<u>Left</u> <u>Right</u>	6.2	Dev. Length:	0.0000 0.0000
		0.00000 0.00000		Corridor Development Data:	
	Data Armoring:	None		<u>Old</u>	<u>New</u>
5.4	Straightening Length:	0.00000	7.2	Bank Erosion:	None 0.0000000
	Straightening Data:	None		Bank Height:	N.D. 0.000

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Missisquoi Mouth

SGAT Version: 3

Reach: R3S4.05			<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>			
3.1	Alluvial Fan:	None	5.5	Dredging History:	No Data
3.2	Grade Control:	None	6.1	Berms & Roads Data:	
5.2	# of Bridges or Culverts:	2		<u>One Side</u>	<u>Both Sides</u>
	Total Length:	316.000		Berms & Roads:	
5.3	Armoring Length	<u>Left</u> <u>Right</u>	6.2	Dev. Length:	0.0000 0.0000
	Data Armoring:			Corridor Development Data:	
5.4	Straightening Length:	2494.00000		<u>Old</u>	<u>New</u>
	Straightening Data:		7.2	Bank Erosion:	N.D.
				Bank Height:	N.D.