



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
May, 20 2024

Phase 1 - FIT - Legacy Data Report

Rugg Brook

SGAT Version: 3

Reach: M01				<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:	None
3.2	Grade Control:	Ledge			<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 0.1839711
5.4	Straightening Length:	0.00000			Bank Height:	Low 3.667
	Straightening Data:	None				

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Reach: M02				<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:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts:	1			Berms & Roads:	0.0000 0.0000
	Total Length:	26.000		6.2	Dev. Length:	38.5800 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. 1140.6199951
5.4	Straightening Length:	0.00000			Bank Height:	Low 4.704
	Straightening Data:	None				



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Reach: M03			<u>Step</u>	<u>Description</u>	<u>Value</u>
3.1	Alluvial Fan:	None	5.5	Dredging History:	None
3.2	Grade Control:	None	6.1	Berms & Roads Data:	None
5.2	# of Bridges or Culverts:	0		<u>One Side</u>	<u>Both Sides</u>
	Total Length:	0.000		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:	Low 0.0954612
	Straightening Data:	None		Bank Height:	Low 4.692

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Reach: M04			<u>Step</u>	<u>Description</u>	<u>Value</u>
3.1	Alluvial Fan:	None	5.5	Dredging History:	None
3.2	Grade Control:	None	6.1	Berms & Roads Data:	None
5.2	# of Bridges or Culverts:	1		<u>One Side</u>	<u>Both Sides</u>
	Total Length:	228.000		Berms & Roads:	
5.3	Armoring Length	<u>Left</u> <u>Right</u>	6.2	Dev. Length:	0.0000 0.0000
				Corridor Development Data:	
	Data Armoring:	None		<u>Old</u>	<u>New</u>
5.4	Straightening Length:	660.00000	7.2	Bank Erosion:	Low
	Straightening Data:			Bank Height:	N.E.



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Reach: M05			<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:	198.000		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:	710.00000		<u>Old</u>	<u>New</u>
	Straightening Data:		7.2	Bank Erosion:	High 340.0000000
				Bank Height:	Medium 3.000

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Reach: M06			<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:	0		<u>One Side</u>	<u>Both Sides</u>
	Total Length:	0.000		Berms & Roads:	1673.0000
5.3	Armoring Length	<u>Left</u> <u>Right</u>	6.2	Dev. Length:	83.5900 0.0000
	Data Armoring:	None		Corridor Development Data:	
5.4	Straightening Length:	586.00000		<u>Old</u>	<u>New</u>
	Straightening Data:		7.2	Bank Erosion:	Low 0.1289874
				Bank Height:	Low 0.000



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Reach: M07			<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:	Multiple	6.1	Berms & Roads Data:	
5.2	# of Bridges or Culverts:	4		<u>One Side</u>	<u>Both Sides</u>
	Total Length:	756.000		Berms & Roads:	1564.0000
5.3	Armoring Length	<u>Left</u> <u>Right</u>	6.2	Dev. Length:	1302.3000 563.4400
	Data Armoring:	None		Corridor Development Data:	
5.4	Straightening Length:	2136.00000		<u>Old</u>	<u>New</u>
	Straightening Data:		7.2	Bank Erosion:	Low 0.0619595
				Bank Height:	Low 0.000

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Reach: M08			<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:	2		<u>One Side</u>	<u>Both Sides</u>
	Total Length:	342.000		Berms & Roads:	
5.3	Armoring Length	<u>Left</u> <u>Right</u>	6.2	Dev. Length:	1064.2700 466.1500
	Data Armoring:	None		Corridor Development Data:	
5.4	Straightening Length:	423.00000		<u>Old</u>	<u>New</u>
	Straightening Data:		7.2	Bank Erosion:	Low 0.1301851
				Bank Height:	Low 1.667



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Reach: T1.01

<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:	None
5.4	Straightening Length:	817.00000
	Straightening Data:	

<u>Step</u>	<u>Description</u>	<u>Value</u>
5.5	Dredging History:	None
6.1	Berms & Roads Data:	None
	<u>One Side</u> <u>Both Sides</u>	
	Berms & Roads:	
6.2	Dev. Length:	30.0000 0.0000
	Corridor Development Data:	
	<u>Old</u> <u>New</u>	
7.2	Bank Erosion:	N.E.
	Bank Height:	N.E.

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Reach: T1.02

<u>Step</u>	<u>Description</u>	<u>Value</u>
3.1	Alluvial Fan:	Yes
3.2	Grade Control:	None
5.2	# of Bridges or Culverts:	1
	Total Length:	115.000
5.3	Armoring Length	<u>Left</u> <u>Right</u>
	Data Armoring:	None
5.4	Straightening Length:	2358.00000
	Straightening Data:	

<u>Step</u>	<u>Description</u>	<u>Value</u>
5.5	Dredging History:	None
6.1	Berms & Roads Data:	None
	<u>One Side</u> <u>Both Sides</u>	
	Berms & Roads:	
6.2	Dev. Length:	0.0000 0.0000
	Corridor Development Data:	
	<u>Old</u> <u>New</u>	
7.2	Bank Erosion:	N.E.
	Bank Height:	N.E.



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Reach: T1.03			<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>			
3.1	Alluvial Fan:	Yes	5.5	Dredging History:	None
3.2	Grade Control:	None	6.1	Berms & Roads Data:	None
5.2	# of Bridges or Culverts:	1		<u>One Side</u>	<u>Both Sides</u>
	Total Length:	119.000		Berms & Roads:	
5.3	Armoring Length	<u>Left</u> <u>Right</u>	6.2	Dev. Length:	0.0000 0.0000
	Data Armoring:	None		Corridor Development Data:	
5.4	Straightening Length:	942.00000		<u>Old</u>	<u>New</u>
	Straightening Data:		7.2	Bank Erosion:	N.E.
				Bank Height:	N.E.

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Reach: M09			<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:	None
5.2	# of Bridges or Culverts:	1		<u>One Side</u>	<u>Both Sides</u>
	Total Length:	31.240		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 148.940		Corridor Development Data:	
	Data Armoring:			<u>Old</u>	<u>New</u>
5.4	Straightening Length:	0.00000	7.2	Bank Erosion:	Low 0.0495990
	Straightening Data:	None		Bank Height:	Low 0.333



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Reach: M10			<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:	No Data	6.1	Berms & Roads Data:	None
5.2	# of Bridges or Culverts:	1		<u>One Side</u>	<u>Both Sides</u>
	Total Length:	136.000		Berms & Roads:	
5.3	Armoring Length	<u>Left</u> <u>Right</u>	6.2	Dev. Length:	0.0000 94.0000
	Data Armoring:	None		Corridor Development Data:	
5.4	Straightening Length:	1083.00000		<u>Old</u>	<u>New</u>
	Straightening Data:		7.2	Bank Erosion:	None
				Bank Height:	Low

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Reach: M11			<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>			
3.1	Alluvial Fan:	Yes	5.5	Dredging History:	None
3.2	Grade Control:	None	6.1	Berms & Roads Data:	None
5.2	# of Bridges or Culverts:	4		<u>One Side</u>	<u>Both Sides</u>
	Total Length:	557.000		Berms & Roads:	
5.3	Armoring Length	<u>Left</u> <u>Right</u>	6.2	Dev. Length:	0.0000 166.0000
	Data Armoring:	None		Corridor Development Data:	
5.4	Straightening Length:	4445.00000		<u>Old</u>	<u>New</u>
	Straightening Data:		7.2	Bank Erosion:	Low
				Bank Height:	Low