



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
July, 17 2024

Phase 1 - FIT - Legacy Data Report

Centerville Brook

SGAT Version: **4.53**

Reach: R1501		
<u>Step</u>	<u>Description</u>	<u>Value</u>
3.1	Alluvial Fan: None	
3.2	Grade Control: Ledge	
5.2	# of Bridges or Culverts: 2	
	Total Length: 750.000	
5.3	Armoring Length	<u>Left</u> <u>Right</u>
		39.7100 91.0800
		0 0
	Data Armoring:	
5.4	Straightening Length: 567.46002	
	Straightening Data:	

<u>Step</u>	<u>Description</u>	<u>Value</u>
5.5	Dredging History: None	
6.1	Berms & Roads Data:	
		<u>One Side</u> <u>Both Sides</u>
	Berms & Roads: 386.4800	0.0000
6.2	Dev. Length: 0.0000	142.2700
	Corridor Development Data:	
		<u>Old</u> <u>New</u>
7.2	Bank Erosion: N.S.	3272.6799316
	Bank Height: Medium	5.304

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Reach: R1502		
<u>Step</u>	<u>Description</u>	<u>Value</u>
3.1	Alluvial Fan: None	
3.2	Grade Control: Ledge	
5.2	# of Bridges or Culverts: 1	
	Total Length: 120.000	
5.3	Armoring Length	<u>Left</u> <u>Right</u>
		48.7600 0.00000
		0
	Data Armoring:	
5.4	Straightening Length: 168.23000	
	Straightening Data:	

<u>Step</u>	<u>Description</u>	<u>Value</u>
5.5	Dredging History: None	
6.1	Berms & Roads Data:	
		<u>One Side</u> <u>Both Sides</u>
	Berms & Roads: 0.0000	0.0000
6.2	Dev. Length: 98.9000	47.1400
	Corridor Development Data:	
		<u>Old</u> <u>New</u>
7.2	Bank Erosion: Low	59.0000000
	Bank Height: Low	3.000



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Reach: R1503			<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: Ledge	6.1	Berms & Roads Data:	
	5.2	# of Bridges or Culverts: 2		<u>One Side</u>	<u>Both Sides</u>
		Total Length: 410.000		Berms & Roads:	0.0000 0.0000
	5.3	Armoring Length	6.2	Dev. Length:	0.0000 123.6100
		<u>Left</u>		Corridor Development Data:	
		0.00000		<u>Old</u>	<u>New</u>
		<u>Right</u>	7.2	Bank Erosion:	None 0.0000000
		80.9600		Bank Height:	N.D. 0.000
		0			
		Data Armoring:			
	5.4	Straightening Length: 0.00000			
		Straightening Data: None			

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Reach: R1504			<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: 0		<u>One Side</u>	<u>Both Sides</u>
		Total Length: 0.000		Berms & Roads:	0.0000 0.0000
	5.3	Armoring Length	6.2	Dev. Length:	0.0000 0.0000
		<u>Left</u>		Corridor Development Data:	
		0.00000		<u>Old</u>	<u>New</u>
		<u>Right</u>	7.2	Bank Erosion:	N.S. 1633.1099854
		154.910		Bank Height:	Low 3.917
		00			
		Data Armoring:			
	5.4	Straightening Length: 386.82999			
		Straightening Data:			



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Reach: R1505			<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:	5		<u>One Side</u>	<u>Both Sides</u>
	Total Length:	930.000		Berms & Roads:	1292.6200 124.6800
5.3	Armoring Length	<u>Left</u> <u>Right</u>	6.2	Dev. Length:	675.5100 186.5700
		397.239 228.200		Corridor Development Data:	
		99 00		<u>Old</u>	<u>New</u>
	Data Armoring:		7.2	Bank Erosion:	N.S. 3202.8200684
5.4	Straightening Length:	736.53998		Bank Height:	Low 4.000
	Straightening Data:				

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Reach: R15.T05.01			<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>			
3.1	Alluvial Fan:	None	5.5	Dredging History:	None
3.2	Grade Control:	Waterfall	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:	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:	348.63000	7.2	Bank Erosion:	None
	Straightening Data:			Bank Height:	N.D.



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Reach: R15.T05.02			<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>			
3.1	Alluvial Fan:	None	5.5	Dredging History:	None
3.2	Grade Control:	Ledge	6.1	Berms & Roads Data:	
5.2	# of Bridges or Culverts:	1		<u>One Side</u>	<u>Both Sides</u>
	Total Length:	39.180		Berms & Roads:	0.0000 0.0000
5.3	Armoring Length	<u>Left</u> <u>Right</u>	6.2	Dev. Length:	0.0000 39.5200
		0.00000 0.00000		Corridor Development Data:	
	Data Armoring:	None		<u>Old</u>	<u>New</u>
5.4	Straightening Length:	158.53000	7.2	Bank Erosion:	None
	Straightening Data:			Bank Height:	N.D.

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Reach: R15.T05.03			<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:			<u>One Side</u>	<u>Both Sides</u>
	Total Length:			Berms & Roads:	
5.3	Armoring Length	<u>Left</u> <u>Right</u>	6.2	Dev. Length:	
	Data Armoring:	None		Corridor Development Data:	None
5.4	Straightening Length:			<u>Old</u>	<u>New</u>
	Straightening Data:	None	7.2	Bank Erosion:	None
				Bank Height:	N.D.



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Reach: R15.T05.04			<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: Ledge	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:	0.0000 0.0000
	5.3	Armoring Length	6.2	Dev. Length:	0.0000 0.0000
		<u>Left</u>		Corridor Development Data:	
		0.00000		<u>Old</u>	<u>New</u>
		<u>Right</u>			
		0.00000	7.2	Bank Erosion:	None
		Data Armoring: None		Bank Height:	N.D.
	5.4	Straightening Length: 0.00000			
		Straightening Data: None			

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Reach: R1506			<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: Ledge	6.1	Berms & Roads Data:	
	5.2	# of Bridges or Culverts: 3		<u>One Side</u>	<u>Both Sides</u>
		Total Length: 700.000		Berms & Roads:	982.4600 0.0000
	5.3	Armoring Length	6.2	Dev. Length:	0.0000 24.7700
		<u>Left</u>		Corridor Development Data:	
		21.6600		<u>Old</u>	<u>New</u>
		<u>Right</u>			
		0	7.2	Bank Erosion:	N.S. 1817.3599854
		Data Armoring:		Bank Height:	Low 3.864
	5.4	Straightening Length: 740.09998			
		Straightening Data:			



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Reach: R1507			<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: 2		<u>One Side</u>	<u>Both Sides</u>
		Total Length: 330.000		Berms & Roads: 758.1600	0.0000
	5.3	Armoring Length	6.2	Dev. Length: 0.0000	108.6300
		<u>Left</u>		Corridor Development Data:	
		197.000		<u>Old</u>	<u>New</u>
		00		7.2	Bank Erosion: N.S.
		103.620		Bank Height: Low	696.8200073
		00			3.892
		00			
		Data Armoring:			
	5.4	Straightening Length: 336.97998			
		Straightening Data:			

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Reach: R1508			<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: Dam	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: 0.0000	0.0000
	5.3	Armoring Length	6.2	Dev. Length: 0.0000	0.0000
		<u>Left</u>		Corridor Development Data:	
		0.00000		<u>Old</u>	<u>New</u>
		0.00000		7.2	Bank Erosion: None
		Data Armoring: None		Bank Height: N.D.	0.0000000
	5.4	Straightening Length: 0.00000			0.000
		Straightening Data: None			



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Reach: R1509			<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: 49.650		Berms & Roads: 350.5600	0.0000
	5.3	Armoring Length	6.2	Dev. Length: 0.0000	0.0000
		<u>Left</u>		Corridor Development Data:	
		0.00000		<u>Old</u>	<u>New</u>
		<u>Right</u>			
		0.00000	7.2	Bank Erosion: None	
		Data Armoring: None		Bank Height: N.D.	
	5.4	Straightening Length: 0.00000			
		Straightening Data: None			

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Reach: R1510			<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: 34.910		Berms & Roads: 0.0000	0.0000
	5.3	Armoring Length	6.2	Dev. Length: 0.0000	0.0000
		<u>Left</u>		Corridor Development Data:	
		0.00000		<u>Old</u>	<u>New</u>
		<u>Right</u>			
		Data Armoring: None	7.2	Bank Erosion: None	
	5.4	Straightening Length: 0.00000		Bank Height: N.D.	
		Straightening Data: None			



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Reach: R1511			<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 24.1299992
5.4	Straightening Length:	0.00000		Bank Height:	Low 0.000
	Straightening Data:	None			

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Reach: R1512			<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:	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 25.6750011
5.4	Straightening Length:	0.00000		Bank Height:	Low 4.000
	Straightening Data:	None			



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Reach: R1513		<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:	286.5400
				0.0000
5.2	# of Bridges or Culverts:	6.2	Dev. Length:	0.0000
				60.3700
	Total Length:		Corridor Development Data:	
			<u>Old</u>	<u>New</u>
5.3	Armoring Length	7.2	Bank Erosion:	None
			Bank Height:	N.D.
	Data Armoring:			
5.4	Straightening Length:			
	Straightening Data:			