



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
July, 17 2024

## Phase 1 - FIT - Legacy Data Report

## Rugg Brook

SGAT Version: 3

Reach: <b>M01</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>		5.5	Dredging History:	<b>None</b>
3.2		Grade Control: <b>Ledge</b>		6.1	Berms & Roads Data:	<b>None</b>
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 0.0000</b>
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	6.2	Dev. Length:	<b>0.0000 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>Low 0.1839711</b>
	Straightening Data:	<b>None</b>			Bank Height:	<b>Low 3.667</b>

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SGAT Version: 3

Reach: <b>M02</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>		5.5	Dredging History:	<b>None</b>
3.2		Grade Control: <b>None</b>		6.1	Berms & Roads Data:	<b>None</b>
5.2	# of Bridges or Culverts:	<b>1</b>			<u>One Side</u>	<u>Both Sides</u>
	Total Length:	<b>26.000</b>			Berms & Roads:	<b>0.0000 0.0000</b>
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	6.2	Dev. Length:	<b>38.5800 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. 1140.6199951</b>
	Straightening Data:	<b>None</b>			Bank Height:	<b>Low 4.704</b>



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Reach: <b>M03</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:	<b>0.0000</b> <b>0.0000</b>
	Total Length:	6.2	Dev. Length:	<b>0.0000</b> <b>0.0000</b>
5.3	Armoring Length		Corridor Development Data:	
			<u>Old</u>	<u>New</u>
		7.2	Bank Erosion:	<b>Low</b> <b>0.0954612</b>
	Data Armoring:		Bank Height:	<b>Low</b> <b>4.692</b>
5.4	Straightening Length:			
	Straightening Data:			

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SGAT Version: 3

Reach: <b>M04</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>0.0000</b>
5.3	Armoring Length		Corridor Development Data:	
			<u>Old</u>	<u>New</u>
	Data Armoring:	7.2	Bank Erosion:	<b>Low</b>
5.4	Straightening Length:		Bank Height:	<b>N.E.</b>
	Straightening Data:			



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SGAT Version: 3

Reach: <b>M05</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:	
	Total Length:	6.2	Dev. Length:	<b>0.0000</b> <b>0.0000</b>
5.3	Armoring Length		Corridor Development Data:	
			<u>Old</u>	<u>New</u>
	Data Armoring:	7.2	Bank Erosion:	<b>High</b> <b>340.0000000</b>
5.4	Straightening Length:		Bank Height:	<b>Medium</b> <b>3.000</b>
	Straightening Data:			

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SGAT Version: 3

Reach: <b>M06</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>1673.0000</b>
	Total Length:	6.2	Dev. Length:	<b>83.5900</b> <b>0.0000</b>
5.3	Armoring Length		Corridor Development Data:	
			<u>Old</u>	<u>New</u>
	Data Armoring:	7.2	Bank Erosion:	<b>Low</b> <b>0.1289874</b>
5.4	Straightening Length:		Bank Height:	<b>Low</b> <b>0.000</b>
	Straightening Data:			



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Reach: <b>M07</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>1564.0000</b>
		6.2	Dev. Length:	<b>1302.3000</b>
5.2	# of Bridges or Culverts:		Corridor Development Data:	
			<u>Old</u>	<u>New</u>
	Total Length:	7.2	Bank Erosion:	<b>0.0619595</b>
			Bank Height:	<b>0.000</b>
5.3	Armoring Length			
	Data Armoring:			
5.4	Straightening Length:			
	Straightening Data:			

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SGAT Version: 3

Reach: <b>M08</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:	
5.2	# of Bridges or Culverts:	6.2	Dev. Length:	<b>1064.2700</b>
			Corridor Development Data:	<b>466.1500</b>
	Total Length:		<u>Old</u>	<u>New</u>
5.3	Armoring Length	7.2	Bank Erosion:	<b>0.1301851</b>
			Bank Height:	<b>1.667</b>
	Data Armoring:			
5.4	Straightening Length:			
	Straightening Data:			



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SGAT Version: 3

Reach: <b>T1.01</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>
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>30.0000</b> <b>0.0000</b>
5.3	Armoring Length		Corridor Development Data:	
			<u>Old</u>	<u>New</u>
	Data Armoring:	7.2	Bank Erosion:	<b>N.E.</b>
5.4	Straightening Length:		Bank Height:	<b>N.E.</b>
	Straightening Data:			

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SGAT Version: 3

Reach: <b>T1.02</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>0.0000</b>
5.3	Armoring Length		Corridor Development Data:	
			<u>Old</u>	<u>New</u>
	Data Armoring:	7.2	Bank Erosion:	<b>N.E.</b>
5.4	Straightening Length:		Bank Height:	<b>N.E.</b>
	Straightening Data:			



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SGAT Version: 3

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

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Reach: <b>M09</b>		<u>Step</u>	<u>Description</u>	<u>Value</u>
		5.5	Dredging History:	<b>None</b>
		6.1	Berms & Roads Data:	<b>None</b>
			<u>One Side</u>	<u>Both Sides</u>
			Berms & Roads:	<b>0.0000</b> <b>0.0000</b>
		6.2	Dev. Length:	<b>0.0000</b> <b>0.0000</b>
			Corridor Development Data:	
			<u>Old</u>	<u>New</u>
		7.2	Bank Erosion:	<b>Low</b> <b>0.0495990</b>
			Bank Height:	<b>Low</b> <b>0.333</b>
<u>Step</u>	<u>Description</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>31.240</b>
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	
		<b>0.00000</b>	<b>148.94000</b>	
	Data Armoring:			
5.4	Straightening Length:			<b>0.00000</b>
	Straightening Data:			<b>None</b>



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Reach: <b>M10</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: <b>1</b>		Berms & Roads:	
	Total Length:	6.2	Dev. Length:	<b>0.0000</b> <b>94.0000</b>
5.3	Armoring Length		Corridor Development Data:	
			<u>Old</u>	<u>New</u>
	Data Armoring:	7.2	Bank Erosion:	<b>None</b>
5.4	Straightening Length:		Bank Height:	<b>Low</b>
	Straightening Data:			

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SGAT Version: 3

Reach: <b>M11</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: <b>4</b>		Berms & Roads:	
	Total Length:	6.2	Dev. Length:	<b>0.0000</b> <b>166.0000</b>
5.3	Armoring Length		Corridor Development Data:	
			<u>Old</u>	<u>New</u>
	Data Armoring:	7.2	Bank Erosion:	<b>Low</b>
5.4	Straightening Length:		Bank Height:	<b>Low</b>
	Straightening Data:			