



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
November, 22 2024

## Phase 1 - FIT - Legacy Data Report

## Johnnie Brook

SGAT Version: 3

Reach: **M01**

<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>1</b>
	Total Length:	<b>20.000</b>
5.3	Armoring Length	<u>Left</u> <u>Right</u>
		<b>310.639</b> <b>133.620</b>
		<b>98</b> <b>00</b>
	Data Armoring:	
5.4	Straightening Length:	<b>1047.85999</b>
	Straightening Data:	

<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>N.S.</b> <b>1047.9599609</b>
	Bank Height:	<b>Medium</b> <b>7.049</b>

## Phase 1 - FIT - Legacy Data Report

## Johnnie Brook

SGAT Version: 3

Reach: **M02**

<u>Step</u>	<u>Description</u>	<u>Value</u>
3.1	Alluvial Fan:	<b>None</b>
3.2	Grade Control:	<b>Multiple</b>
5.2	# of Bridges or Culverts:	<b>0</b>
	Total Length:	<b>0.000</b>
5.3	Armoring Length	<u>Left</u> <u>Right</u>
		<b>0.00000</b> <b>272.560</b>
		<b>00</b>
	Data Armoring:	
5.4	Straightening Length:	<b>0.00000</b>
	Straightening Data:	<b>None</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>120.6800003</b>
	Bank Height:	<b>Low</b> <b>3.000</b>



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov

November, 22 2024

## Phase 1 - FIT - Legacy Data Report

## Johnnie Brook

SGAT Version: 3

Reach: <b>M03</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:	<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</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>Low</b> <b>389.4700012</b>
	Straightening Data:	<b>None</b>		Bank Height:	<b>Low</b> <b>1.396</b>

## Phase 1 - FIT - Legacy Data Report

## Johnnie Brook

SGAT Version: 3

Reach: <b>M04</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>Multiple</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>0.00000</b>	7.2	Bank Erosion:	<b>None</b> <b>0.0000000</b>
	Straightening Data:	<b>None</b>		Bank Height:	<b>N.D.</b> <b>0.000</b>



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov

November, 22 2024

## Phase 1 - FIT - Legacy Data Report

## Johnnie Brook

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:	
			<u>One Side</u>	<u>Both Sides</u>
3.2	Grade Control:		Berms & Roads:	<b>0.0000</b>
				<b>816.6800</b>
5.2	# of Bridges or Culverts:	6.2	Dev. Length:	<b>92.2500</b>
				<b>253.7600</b>
	Total Length:		Corridor Development Data:	
			<u>Old</u>	<u>New</u>
5.3	Armoring Length	7.2	Bank Erosion:	<b>Low</b>
				<b>189.2899933</b>
			Bank Height:	<b>Low</b>
				<b>0.000</b>
	Data Armoring:			
5.4	Straightening Length:			
	Straightening Data:			

## Phase 1 - FIT - Legacy Data Report

## Johnnie Brook

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:	
			<u>One Side</u>	<u>Both Sides</u>
3.2	Grade Control:		Berms & Roads:	<b>588.7300</b>
				<b>0.0000</b>
5.2	# of Bridges or Culverts:	6.2	Dev. Length:	<b>392.8300</b>
				<b>0.0000</b>
	Total Length:		Corridor Development Data:	
			<u>Old</u>	<u>New</u>
5.3	Armoring Length	7.2	Bank Erosion:	<b>Low</b>
				<b>731.7699585</b>
			Bank Height:	<b>Low</b>
				<b>3.832</b>
	Data Armoring:			
5.4	Straightening Length:			
	Straightening Data:			



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov

November, 22 2024

## Phase 1 - FIT - Legacy Data Report

## Johnnie Brook

SGAT Version: 3

Reach: <b>M07</b>				<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	<b>None</b>
3.1	Alluvial Fan:	<b>None</b>		6.1	Berms & Roads Data:	
3.2	Grade Control:	<b>Ledge</b>			<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts:	<b>3</b>			Berms & Roads:	<b>2108.2300</b> <b>0.0000</b>
	Total Length:	<b>175.150</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:	
		<b>172.920</b>	<b>227.030</b>		<u>Old</u>	<u>New</u>
		<b>00</b>	<b>00</b>	7.2	Bank Erosion:	<b>N.S.</b> <b>532.3900146</b>
	Data Armoring:				Bank Height:	<b>Low</b> <b>3.548</b>
5.4	Straightening Length:	<b>2550.60010</b>				
	Straightening Data:					

## Phase 1 - FIT - Legacy Data Report

## Johnnie Brook

SGAT Version: 3

Reach: <b>M08</b>				<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	<b>None</b>
3.1	Alluvial Fan:	<b>None</b>		6.1	Berms & Roads Data:	<b>None</b>
3.2	Grade Control:	<b>None</b>			<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts:	<b>1</b>			Berms & Roads:	<b>0.0000</b> <b>0.0000</b>
	Total Length:	<b>38.000</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:	
		<b>187.040</b>	<b>0.00000</b>		<u>Old</u>	<u>New</u>
		<b>01</b>		7.2	Bank Erosion:	<b>None</b> <b>0.0000000</b>
	Data Armoring:				Bank Height:	<b>N.D.</b> <b>0.000</b>
5.4	Straightening Length:	<b>0.00000</b>				
	Straightening Data:	<b>None</b>				



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov

November, 22 2024

## Phase 1 - FIT - Legacy Data Report

## Johnnie Brook

SGAT Version: 3

Reach: <b>M09</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:	<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</b> <b>0.0000</b>
	5.3	Armoring Length	6.2	Dev. Length:	<b>0.0000</b> <b>0.0000</b>
		<u>Left</u> <u>Right</u>		Corridor Development Data:	
		<b>0.00000</b> <b>0.00000</b>		<u>Old</u>	<u>New</u>
		Data Armoring: <b>None</b>	7.2	Bank Erosion:	<b>None</b> <b>0.0000000</b>
	5.4	Straightening Length: <b>0.00000</b>		Bank Height:	<b>N.D.</b> <b>0.000</b>
		Straightening Data: <b>None</b>			

## Phase 1 - FIT - Legacy Data Report

## Johnnie Brook

SGAT Version: 3

Reach: <b>M10</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>Ledge</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>45.000</b>		Berms & Roads:	<b>0.0000</b> <b>0.0000</b>
	5.3	Armoring Length	6.2	Dev. Length:	<b>0.0000</b> <b>0.0000</b>
		<u>Left</u> <u>Right</u>		Corridor Development Data:	
		<b>0.00000</b> <b>0.00000</b>		<u>Old</u>	<u>New</u>
		Data Armoring: <b>None</b>	7.2	Bank Erosion:	<b>N.S.</b> <b>41.8199997</b>
	5.4	Straightening Length: <b>0.00000</b>		Bank Height:	<b>Low</b> <b>3.000</b>
		Straightening Data: <b>None</b>			



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov

November, 22 2024

## Phase 1 - FIT - Legacy Data Report

## Johnnie Brook

SGAT Version: **3**

Reach: <b>M11</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>None</b> <b>0.0000000</b>
			Bank Height:	<b>N.D.</b> <b>0.000</b>
Step	Description	Value		
3.1	Alluvial Fan:	<b>None</b>		
3.2	Grade Control:	<b>None</b>		
5.2	# of Bridges or Culverts:	<b>0</b>		
	Total Length:	<b>0.000</b>		
5.3	Armoring Length	<u>Left</u> <u>Right</u>		
		<b>0.00000</b> <b>0.00000</b>		
	Data Armoring:	<b>None</b>		
5.4	Straightening Length:	<b>0.00000</b>		
	Straightening Data:	<b>None</b>		