





# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
July, 17 2024

## Phase 1 - FIT - Legacy Data Report

## Munroe Brook

SGAT Version: **3**

Reach: <b>M03</b>				<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	
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:	<b>75.000</b>		6.2	Dev. Length: <b>2100.0000</b>	<b>200.0000</b>
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:	<b>2616.0000000</b>
	Straightening Data:	<b>None</b>			Bank Height:	<b>2.000</b>

## Phase 1 - FIT - Legacy Data Report

## Munroe Brook

SGAT Version: **3**

Reach: <b>M04</b>				<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	
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>0</b>				Berms & Roads:	
	Total Length:	<b>0.000</b>		6.2	Dev. Length: <b>1800.0000</b>	<b>0.0000</b>
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:	<b>1170.0000000</b>
	Straightening Data:	<b>None</b>			Bank Height:	<b>1.423</b>



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
July, 17 2024

## Phase 1 - FIT - Legacy Data Report

## Munroe Brook

SGAT Version: **3**

Reach: <b>M05</b>			<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>			
3.1		Alluvial Fan:	5.5	Dredging History:	
3.2		Grade Control:	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>100.000</b>		Berms & Roads:	
5.3	Armoring Length	<u>Left</u> <u>Right</u>	6.2	Dev. Length:	<b>200.0000</b> <b>1000.0000</b>
	Data Armoring:			Corridor Development Data:	
5.4	Straightening Length:			<u>Old</u>	<u>New</u>
	Straightening Data:	<b>None</b>	7.2	Bank Erosion:	<b>1900.0000000</b>
				Bank Height:	<b>2.000</b>

## Phase 1 - FIT - Legacy Data Report

## Munroe Brook

SGAT Version: **3**

Reach: <b>M06</b>			<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>			
3.1		Alluvial Fan:	5.5	Dredging History:	
3.2		Grade Control:	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>80.000</b>		Berms & Roads:	
5.3	Armoring Length	<u>Left</u> <u>Right</u>	6.2	Dev. Length:	<b>1000.0000</b> <b>1000.0000</b>
	Data Armoring:			Corridor Development Data:	
5.4	Straightening Length:			<u>Old</u>	<u>New</u>
	Straightening Data:	<b>None</b>	7.2	Bank Erosion:	<b>759.0000000</b>
				Bank Height:	<b>1.855</b>



# Stream Geomorphic Assessment

Agency of Natural Resources



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July, 17 2024

## Phase 1 - FIT - Legacy Data Report

## Munroe 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:	
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:	<b>75.000</b>		6.2	Dev. Length:	<b>800.0000</b> <b>800.0000</b>
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:	<b>1122.00000</b>		7.2	Bank Erosion:	
	Straightening Data:				Bank Height:	

## Phase 1 - FIT - Legacy Data Report

## Munroe Brook

SGAT Version: **3**

Reach: <b>T4.01</b>				<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	
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:	
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:	
	Straightening Data:	<b>None</b>			Bank Height:	



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
July, 17 2024

## Phase 1 - FIT - Legacy Data Report

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SGAT Version: 3

Reach: <b>T4.02</b>				<u>Step</u>	<u>Description</u>	<u>Value</u>	
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:		
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:		
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:		
	Straightening Data:	<b>None</b>			Bank Height:		

## Phase 1 - FIT - Legacy Data Report

## Munroe Brook

SGAT Version: 3

Reach: <b>T3.01</b>				<u>Step</u>	<u>Description</u>	<u>Value</u>	
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:		
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:		
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:		
	Straightening Data:	<b>None</b>			Bank Height:		



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
July, 17 2024

## Phase 1 - FIT - Legacy Data Report

## Munroe Brook

SGAT Version: 3

Reach: <b>T1.01</b>		<u>Step</u>	<u>Description</u>	<u>Value</u>
		3.1	Alluvial Fan:	
		3.2	Grade Control:	
		5.2	# of Bridges or Culverts: <b>1</b>	
			Total Length: <b>100.000</b>	
		5.3	Armoring Length	<u>Left</u> <u>Right</u>
			Data Armoring:	
		5.4	Straightening Length: <b>247.00000</b>	
			Straightening Data:	
		5.5	Dredging History:	
		6.1	Berms & Roads Data:	<b>None</b>
				<u>One Side</u> <u>Both Sides</u>
			Berms & Roads:	
		6.2	Dev. Length: <b>200.0000</b>	<b>440.0000</b>
			Corridor Development Data:	
				<u>Old</u> <u>New</u>
		7.2	Bank Erosion:	<b>2390.0000000</b>
			Bank Height:	<b>1.732</b>

## Phase 1 - FIT - Legacy Data Report

## Munroe Brook

SGAT Version: 3

Reach: <b>T2.01</b>		<u>Step</u>	<u>Description</u>	<u>Value</u>
		3.1	Alluvial Fan:	
		3.2	Grade Control:	
		5.2	# of Bridges or Culverts:	
			Total Length:	
		5.3	Armoring Length	<u>Left</u> <u>Right</u>
			Data Armoring:	
		5.4	Straightening Length:	
			Straightening Data: <b>None</b>	
		5.5	Dredging History:	
		6.1	Berms & Roads Data:	<b>None</b>
				<u>One Side</u> <u>Both Sides</u>
			Berms & Roads:	
		6.2	Dev. Length:	
			Corridor Development Data:	
				<u>Old</u> <u>New</u>
		7.2	Bank Erosion:	
			Bank Height:	



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
July, 17 2024

## Phase 1 - FIT - Legacy Data Report

## Munroe Brook

SGAT Version: **3**

Reach: <b>T2.02</b>				<u>Step</u>	<u>Description</u>	<u>Value</u>	
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:		
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:		
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:		
	Straightening Data:	<b>None</b>			Bank Height:		

## Phase 1 - FIT - Legacy Data Report

## Munroe Brook

SGAT Version: **3**

Reach: <b>T2.03</b>				<u>Step</u>	<u>Description</u>	<u>Value</u>	
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:		
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:		
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:		
	Straightening Data:	<b>None</b>			Bank Height:		



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
July, 17 2024

## Phase 1 - FIT - Legacy Data Report

## Munroe Brook

SGAT Version: **3**

Reach: <b>T1.02</b>		<u>Step</u>	<u>Description</u>	<u>Value</u>
		3.1	Alluvial Fan:	
		3.2	Grade Control:	
		5.2	# of Bridges or Culverts: <b>1</b>	
			Total Length: <b>100.000</b>	
		5.3	Armoring Length <u>Left</u> <u>Right</u>	
			Data Armoring:	
		5.4	Straightening Length:	
			Straightening Data: <b>None</b>	
		5.5	Dredging History:	
		6.1	Berms & Roads Data: <b>None</b>	
			<u>One Side</u> <u>Both Sides</u>	
			Berms & Roads:	
		6.2	Dev. Length: <b>650.0000</b>	<b>0.0000</b>
			Corridor Development Data:	
			<u>Old</u> <u>New</u>	
		7.2	Bank Erosion:	<b>1656.0000000</b>
			Bank Height:	<b>2.000</b>

## Phase 1 - FIT - Legacy Data Report

## Munroe Brook

SGAT Version: **3**

Reach: <b>T1.03</b>		<u>Step</u>	<u>Description</u>	<u>Value</u>
		3.1	Alluvial Fan:	
		3.2	Grade Control:	
		5.2	# of Bridges or Culverts: <b>1</b>	
			Total Length: <b>100.000</b>	
		5.3	Armoring Length <u>Left</u> <u>Right</u>	
			Data Armoring:	
		5.4	Straightening Length:	
			Straightening Data: <b>None</b>	
		5.5	Dredging History:	
		6.1	Berms & Roads Data: <b>None</b>	
			<u>One Side</u> <u>Both Sides</u>	
			Berms & Roads:	
		6.2	Dev. Length: <b>1200.0000</b>	<b>0.0000</b>
			Corridor Development Data:	
			<u>Old</u> <u>New</u>	
		7.2	Bank Erosion:	<b>1506.0000000</b>
			Bank Height:	<b>1.500</b>





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Agency of Natural Resources



Vermont.gov  
July, 17 2024

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Reach: <b>T1.04</b>		<u>Step</u>	<u>Description</u>	<u>Value</u>
		3.1	Alluvial Fan:	
		3.2	Grade Control:	
		5.2	# of Bridges or Culverts: <b>1</b>	
			Total Length: <b>60.000</b>	
		5.3	Armoring Length <u>Left</u> <u>Right</u>	
			Data Armoring:	
		5.4	Straightening Length:	
			Straightening Data: <b>None</b>	
		5.5	Dredging History:	
		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>1000.0000</b>
			Corridor Development Data:	
			<u>Old</u> <u>New</u>	
		7.2	Bank Erosion:	<b>1464.0000000</b>
			Bank Height:	<b>0.500</b>

## Phase 1 - FIT - Legacy Data Report

## Munroe Brook

SGAT Version: 3

Reach: <b>T1.05</b>		<u>Step</u>	<u>Description</u>	<u>Value</u>
		3.1	Alluvial Fan:	
		3.2	Grade Control:	
		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>	
			Data Armoring:	
		5.4	Straightening Length: <b>1393.00000</b>	
			Straightening Data:	
		5.5	Dredging History:	
		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:	
			Bank Height:	



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
July, 17 2024

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SGAT Version: **3**

Reach: <b>T1.06</b>		<u>Step</u>	<u>Description</u>	<u>Value</u>
		5.5	Dredging History:	
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>0</b>		Berms & Roads:	
	Total Length: <b>0.000</b>	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:	
5.4	Straightening Length: <b>1610.00000</b>		Bank Height:	
	Straightening Data:			