



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
July, 17 2024

## Phase 1 - FIT - Legacy Data Report

## Lower Otter Creek

SGAT Version: 3

Reach: <b>R01</b>				<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	<b>Dredging</b>
3.1	Alluvial Fan:	<b>None</b>		6.1	Berms & Roads Data:	
3.2	Grade Control:	<b>None</b>			<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts:	<b>0</b>			Berms & Roads:	<b>17958.000</b>
	Total Length:	<b>0.000</b>				<b>0</b>
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	6.2	Dev. Length:	<b>4952.0000</b>
	Data Armoring:				Corridor Development Data:	<b>0.0000</b>
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	<b>N.D.</b>		7.2	Bank Erosion:	<b>Low</b>
					Bank Height:	<b>Medium</b>

## Phase 1 - FIT - Legacy Data Report

## Lower Otter Creek

SGAT Version: 3

Reach: <b>R02</b>				<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	<b>Dredging</b>
3.1	Alluvial Fan:	<b>None</b>		6.1	Berms & Roads Data:	
3.2	Grade Control:	<b>None</b>			<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts:	<b>0</b>			Berms & Roads:	<b>744.0000</b>
	Total Length:	<b>0.000</b>				<b>8285.0000</b>
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	6.2	Dev. Length:	<b>4535.0000</b>
	Data Armoring:				Corridor Development Data:	<b>3558.0000</b>
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	<b>None</b>		7.2	Bank Erosion:	<b>Low</b>
					Bank Height:	<b>Low</b>



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
July, 17 2024

## Phase 1 - FIT - Legacy Data Report

## Lower Otter Creek

SGAT Version: 3

Reach: <b>R03</b>				<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	<b>Dredging</b>
3.1	Alluvial Fan:	<b>None</b>		6.1	Berms & Roads Data:	
3.2	Grade Control:	<b>Dam</b>			<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts:	<b>0</b>			Berms & Roads:	<b>7601.0000 3494.0000</b>
	Total Length:	<b>0.000</b>		6.2	Dev. Length:	<b>3939.0000 4867.0000</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>High</b>
	Straightening Data:	<b>None</b>			Bank Height:	<b>Medium</b>

## Phase 1 - FIT - Legacy Data Report

## Lower Otter Creek

SGAT Version: 3

Reach: <b>R04</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>None</b>			<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts:	<b>1</b>			Berms & Roads:	<b>6248.0000 302.0000</b>
	Total Length:			6.2	Dev. Length:	<b>7026.0000 1451.0000</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>9728.00000</b>		7.2	Bank Erosion:	<b>High</b>
	Straightening Data:				Bank Height:	<b>Medium</b>



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
July, 17 2024

## Phase 1 - FIT - Legacy Data Report

## Lower Otter Creek

SGAT Version: 3

Reach: <b>R05</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>6423.0000</b>
		6.2	Dev. Length:	<b>1741.0000</b>
5.2	# of Bridges or Culverts:		Corridor Development Data:	
			<u>Old</u>	<u>New</u>
	Total Length:	7.2	Bank Erosion:	<b>High</b>
			Bank Height:	<b>Medium</b>
5.3	Armoring Length			
	Data Armoring:			
5.4	Straightening Length:			
	Straightening Data:			<b>None</b>

## Phase 1 - FIT - Legacy Data Report

## Lower Otter Creek

SGAT Version: 3

Reach: <b>R06</b>		<u>Step</u>	<u>Description</u>	<u>Value</u>
		5.5	Dredging History:	<b>Dredging</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>9896.0000</b>
		6.2	Dev. Length:	<b>4399.0000</b>
5.2	# of Bridges or Culverts:		Corridor Development Data:	
			<u>Old</u>	<u>New</u>
	Total Length:	7.2	Bank Erosion:	<b>High</b>
			Bank Height:	<b>High</b>
5.3	Armoring Length			
	Data Armoring:			
5.4	Straightening Length:			
	Straightening Data:			<b>None</b>



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
July, 17 2024

## Phase 1 - FIT - Legacy Data Report

## Lower Otter Creek

SGAT Version: 3

Reach: <b>R07</b>		<u>Step</u>	<u>Description</u>	<u>Value</u>
		5.5	Dredging History:	<b>Dredging</b>
3.1	Alluvial Fan: <b>None</b>	6.1	Berms & Roads Data:	
3.2	Grade Control: <b>Dam</b>		<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts: <b>1</b>		Berms & Roads: <b>8950.0000</b>	<b>739.0000</b>
	Total Length:	6.2	Dev. Length: <b>2620.0000</b>	<b>582.0000</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>High</b>	
	Straightening Data: <b>None</b>		Bank Height: <b>High</b>	

## Phase 1 - FIT - Legacy Data Report

## Lower Otter Creek

SGAT Version: 3

Reach: <b>R08</b>		<u>Step</u>	<u>Description</u>	<u>Value</u>
		5.5	Dredging History:	<b>Dredging</b>
3.1	Alluvial Fan: <b>None</b>	6.1	Berms & Roads Data:	
3.2	Grade Control: <b>Multiple</b>		<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts: <b>1</b>		Berms & Roads: <b>6677.0000</b>	
	Total Length:	6.2	Dev. Length: <b>2221.0000</b>	<b>239.0000</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>N.E.</b>	
	Straightening Data: <b>None</b>		Bank Height: <b>N.E.</b>	



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
July, 17 2024

## Phase 1 - FIT - Legacy Data Report

## Lower Otter Creek

SGAT Version: 3

Reach: <b>R09</b>		<u>Step</u>	<u>Description</u>	<u>Value</u>
		5.5	Dredging History:	<b>Dredging</b>
<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>1</b>		
	Total Length:			
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	
	Data Armoring:			
5.4	Straightening Length:			
	Straightening Data:	<b>None</b>		
		6.1	Berms & Roads Data:	
			<u>One Side</u>	<u>Both Sides</u>
			Berms & Roads:	<b>7862.0000</b>
		6.2	Dev. Length:	<b>777.0000</b>
			Corridor Development Data:	
			<u>Old</u>	<u>New</u>
		7.2	Bank Erosion:	<b>High</b>
			Bank Height:	<b>Medium</b>

## Phase 1 - FIT - Legacy Data Report

## Lower Otter Creek

SGAT Version: 3

Reach: <b>R10</b>		<u>Step</u>	<u>Description</u>	<u>Value</u>
		5.5	Dredging History:	<b>None</b>
<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:			
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	
	Data Armoring:			
5.4	Straightening Length:	<b>4933.00000</b>		
	Straightening Data:			
		6.1	Berms & Roads Data:	
			<u>One Side</u>	<u>Both Sides</u>
			Berms & Roads:	<b>1559.0000</b>
		6.2	Dev. Length:	<b>1842.0000</b>
			Corridor Development Data:	
			<u>Old</u>	<u>New</u>
		7.2	Bank Erosion:	<b>High</b>
			Bank Height:	<b>Medium</b>



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
July, 17 2024

## Phase 1 - FIT - Legacy Data Report

## Lower Otter Creek

SGAT Version: 3

Reach: <b>R11</b>				<u>Step</u>	<u>Description</u>	<u>Value</u>	
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	<b>Dredging</b>	
3.1		Alluvial Fan:	<b>None</b>	6.1	Berms & Roads Data:		
3.2		Grade Control:	<b>None</b>				<u>One Side</u> <u>Both Sides</u>
5.2	# of Bridges or Culverts:	<b>2</b>			Berms & Roads:	<b>3555.0000</b>	<b>2899.0000</b>
	Total Length:			6.2	Dev. Length:	<b>175.0000</b>	<b>119.0000</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>20081.00000</b>		7.2	Bank Erosion:	<b>High</b>	
	Straightening Data:				Bank Height:	<b>Medium</b>	

## Phase 1 - FIT - Legacy Data Report

## Lower Otter Creek

SGAT Version: 3

Reach: <b>R12</b>				<u>Step</u>	<u>Description</u>	<u>Value</u>	
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	<b>Dredging</b>	
3.1		Alluvial Fan:	<b>None</b>	6.1	Berms & Roads Data:		
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>3964.0000</b>	<b>1335.0000</b>
	Total Length:			6.2	Dev. Length:	<b>357.0000</b>	<b>358.0000</b>
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Corridor Development Data:		
	Data Armoring:	<b>No Data</b>				<u>Old</u>	<u>New</u>
5.4	Straightening Length:	<b>6716.00000</b>		7.2	Bank Erosion:	<b>High</b>	
	Straightening Data:				Bank Height:	<b>Medium</b>	



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
July, 17 2024

## Phase 1 - FIT - Legacy Data Report

## Lower Otter Creek

SGAT Version: 3

Reach: <b>R12T1.01</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>Dredging</b>
3.2	Grade Control:	<b>None</b>	6.1	Berms & Roads Data:	
5.2	# of Bridges or Culverts:	<b>1</b>		<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:	<b>0.0000</b> <b>0.0000</b>
	Data Armoring:			Corridor Development Data:	
5.4	Straightening Length:	<b>876.00000</b>		<u>Old</u>	<u>New</u>
	Straightening Data:		7.2	Bank Erosion:	<b>High</b>
				Bank Height:	<b>Medium</b>

## Phase 1 - FIT - Legacy Data Report

## Lower Otter Creek

SGAT Version: 3

Reach: <b>R12T1.02</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:	
5.2	# of Bridges or Culverts:	<b>1</b>		<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:	<b>0.0000</b> <b>47.0000</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:	
				Bank Height:	



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
July, 17 2024

## Phase 1 - FIT - Legacy Data Report

## Lower Otter Creek

SGAT Version: 3

Reach: <b>R12T1.03</b>		<u>Step</u>	<u>Description</u>	<u>Value</u>
		5.5	Dredging History:	<b>No Data</b>
<u>Step</u>	<u>Description</u>	6.1	Berms & Roads Data:	
3.1	Alluvial Fan: <b>None</b>		<u>One Side</u>	<u>Both Sides</u>
3.2	Grade Control: <b>Ledge</b>		Berms & Roads: <b>1257.0000</b>	
5.2	# of Bridges or Culverts: <b>1</b>	6.2	Dev. Length: <b>1642.0000</b>	<b>254.0000</b>
	Total Length:		Corridor Development Data:	
5.3	Armoring Length		<u>Old</u>	<u>New</u>
		7.2	Bank Erosion: <b>Low</b>	
	Data Armoring:		Bank Height: <b>High</b>	
5.4	Straightening Length:			
	Straightening Data: <b>None</b>			

## Phase 1 - FIT - Legacy Data Report

## Lower Otter Creek

SGAT Version: 3

Reach: <b>R12T1.04</b>		<u>Step</u>	<u>Description</u>	<u>Value</u>
		5.5	Dredging History:	<b>None</b>
<u>Step</u>	<u>Description</u>	6.1	Berms & Roads Data:	
3.1	Alluvial Fan: <b>None</b>		<u>One Side</u>	<u>Both Sides</u>
3.2	Grade Control: <b>Multiple</b>		Berms & Roads:	
5.2	# of Bridges or Culverts: <b>1</b>	6.2	Dev. Length: <b>207.0000</b>	<b>810.0000</b>
	Total Length:		Corridor Development Data:	
5.3	Armoring Length		<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: <b>None</b>			