



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
July, 17 2024

## Phase 1 - FIT - Legacy Data Report

## Alder Brook

SGAT Version: 4.53

Reach: <b>M06</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 0.0000</b>
	5.3	Armoring Length	6.2	Dev. Length:	<b>0.0000 0.0000</b>
		<u>Left</u>		Corridor Development Data:	<b>None</b>
		<u>Right</u>			
		<b>0.00000 0.00000</b>		<u>Old</u>	<u>New</u>
		Data Armoring: <b>None</b>	7.2	Bank Erosion:	<b>N.S. 248.3000031</b>
	5.4	Straightening Length: <b>0.00000</b>		Bank Height:	<b>Low 4.062</b>
		Straightening Data: <b>None</b>			

## Phase 1 - FIT - Legacy Data Report

## Alder Brook

SGAT Version: 4.53

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>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>20.510</b>		Berms & Roads:	<b>0.0000 0.0000</b>
	5.3	Armoring Length	6.2	Dev. Length:	<b>0.0000 0.0000</b>
		<u>Left</u>		Corridor Development Data:	<b>None</b>
		<u>Right</u>			
		<b>39.4900 38.5600</b>		<u>Old</u>	<u>New</u>
		<b>0 0</b>	7.2	Bank Erosion:	<b>N.S. 468.0100098</b>
		Data Armoring:		Bank Height:	<b>Low 2.096</b>
	5.4	Straightening Length: <b>892.07996</b>			
		Straightening Data:			



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
July, 17 2024

## Phase 1 - FIT - Legacy Data Report

## Alder Brook

SGAT Version: **4.53**

Reach: <b>M15</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>66.690</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>None</b>
		<b>0.00000</b>	<b>160.209</b>		<u>Old</u>	<u>New</u>
			<b>99</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>329.38000</b>				
	Straightening Data:					

## Phase 1 - FIT - Legacy Data Report

## Alder Brook

SGAT Version: **4.53**

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>None</b>			<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts:	<b>2</b>			Berms & Roads:	<b>0.0000</b> <b>1342.5601</b>
	Total Length:	<b>135.200</b>		6.2	Dev. Length:	<b>511.5400</b> <b>862.8700</b>
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Corridor Development Data:	
		<b>179.780</b>	<b>184.800</b>		<u>Old</u>	<u>New</u>
		<b>00</b>	<b>00</b>	7.2	Bank Erosion:	<b>N.S.</b> <b>125.1399994</b>
	Data Armoring:				Bank Height:	<b>Medium</b> <b>8.000</b>
5.4	Straightening Length:	<b>656.83997</b>				
	Straightening Data:					



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
July, 17 2024

## Phase 1 - FIT - Legacy Data Report

## Alder Brook

SGAT Version: **4.53**

Reach: <b>M08</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>2</b>		<u>One Side</u>	<u>Both Sides</u>
		Total Length: <b>77.710</b>		Berms & Roads: <b>492.7100</b>	<b>0.0000</b>
	5.3	Armoring Length	6.2	Dev. Length: <b>491.5100</b>	<b>0.0000</b>
		<u>Left</u>		Corridor Development Data:	
		<b>116.110</b>		<u>Old</u>	<u>New</u>
		<b>00</b>		7.2	Bank Erosion: <b>N.S.</b>
		Data Armoring:		Bank Height: <b>Low</b>	<b>284.9800110</b>
	5.4	Straightening Length: <b>244.87000</b>			<b>3.272</b>
		Straightening Data:			

## Phase 1 - FIT - Legacy Data Report

## Alder Brook

SGAT Version: **4.53**

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:	
	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>141.5300</b>	<b>0.0000</b>
	5.3	Armoring Length	6.2	Dev. Length: <b>0.0000</b>	<b>0.0000</b>
		<u>Left</u>		Corridor Development Data: <b>None</b>	
		<b>180.149</b>		<u>Old</u>	<u>New</u>
		<b>99</b>		7.2	Bank Erosion: <b>N.S.</b>
		Data Armoring:		Bank Height: <b>Low</b>	<b>713.3599854</b>
	5.4	Straightening Length: <b>711.34003</b>			<b>2.811</b>
		Straightening Data:			



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
July, 17 2024

## Phase 1 - FIT - Legacy Data Report

## Alder Brook

SGAT Version: **4.53**

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>
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>35.6100</b>	
			<b>0</b>	
	Data Armoring:			
5.4	Straightening Length:			<b>0.00000</b>
	Straightening Data:			<b>None</b>
		6.2	Dev. Length:	<b>0.0000</b>
			Corridor Development Data:	<b>None</b>
			<u>Old</u>	<u>New</u>
		7.2	Bank Erosion:	<b>N.S.</b>
			Bank Height:	<b>281.9500122</b>
				<b>2.626</b>

## Phase 1 - FIT - Legacy Data Report

## Alder Brook

SGAT Version: **4.53**

Reach: <b>M01</b>		<u>Step</u>	<u>Description</u>	<u>Value</u>
		5.5	Dredging History:	<b>None</b>
		6.1	Berms & Roads Data:	
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>106.740</b>
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	
		<b>170.530</b>	<b>0.00000</b>	
			<b>00</b>	
	Data Armoring:			
5.4	Straightening Length:			<b>247.08000</b>
	Straightening Data:			
		6.2	Dev. Length:	<b>0.0000</b>
			Corridor Development Data:	<b>None</b>
			<u>Old</u>	<u>New</u>
		7.2	Bank Erosion:	<b>Low</b>
			Bank Height:	<b>390.8800049</b>
				<b>2.726</b>



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
July, 17 2024

## Phase 1 - FIT - Legacy Data Report

## Alder Brook

SGAT Version: **4.53**

Reach: <b>M02</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>364.3200</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:	<b>None</b>
			<u>Old</u>	<u>New</u>
		7.2	Bank Erosion:	<b>N.S.</b> <b>372.4700012</b>
	Data Armoring:		Bank Height:	<b>Low</b> <b>3.872</b>
5.4	Straightening Length:			
	Straightening Data:			

## Phase 1 - FIT - Legacy Data Report

## Alder Brook

SGAT Version: **4.53**

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:	
3.2	Grade Control:		<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts:		Berms & Roads:	<b>1326.2600</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:	<b>None</b>
			<u>Old</u>	<u>New</u>
	Data Armoring:	7.2	Bank Erosion:	<b>N.S.</b> <b>461.7999878</b>
5.4	Straightening Length:		Bank Height:	<b>Low</b> <b>4.323</b>
	Straightening Data:			





# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
July, 17 2024

## Phase 1 - FIT - Legacy Data Report

## Alder Brook

SGAT Version: **4.53**

Reach: <b>M12</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:	
			Total Length:	
		5.3	Armoring Length	<u>Left</u> <u>Right</u>
			Data Armoring: <b>Not Evaluated</b>	
		5.4	Straightening Length:	
			Straightening Data: <b>N.E.</b>	
		5.5	Dredging History:	<b>Not Evaluated</b>
		6.1	Berms & Roads Data:	<b>Not Evaluated</b>
			<u>One Side</u>	<u>Both Sides</u>
			Berms & Roads:	
		6.2	Dev. Length:	
			Corridor Development Data:	<b>Not Evaluated</b>
			<u>Old</u>	<u>New</u>
		7.2	Bank Erosion:	<b>N.E.</b>
			Bank Height:	<b>N.E.</b>

## Phase 1 - FIT - Legacy Data Report

## Alder Brook

SGAT Version: **4.53**

Reach: <b>M13</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: <b>17.160</b>	
		5.3	Armoring Length	<u>Left</u> <u>Right</u>
				<b>76.7500</b>
				<b>0</b>
			Data Armoring:	
		5.4	Straightening Length: <b>351.73001</b>	
			Straightening Data:	
		5.5	Dredging History:	<b>Not Evaluated</b>
		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:	<b>None</b>
			<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>



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
July, 17 2024

## Phase 1 - FIT - Legacy Data Report

## Alder Brook

SGAT Version: **4.53**

Reach: <b>M14</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>447.0000</b>
				<b>0.0000</b>
5.2	# of Bridges or Culverts:	6.2	Dev. Length:	<b>0.0000</b>
				<b>0.0000</b>
	Total Length:		Corridor Development Data:	<b>None</b>
5.3	Armoring Length		<u>Old</u>	<u>New</u>
		7.2	Bank Erosion:	<b>N.S.</b>
			Bank Height:	<b>82.3799973</b>
	Data Armoring:			
5.4	Straightening Length:			<b>4.000</b>
	Straightening Data:			