



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
June, 17 2026

Phase 1 - FIT - Legacy Data Report

Alder Brook

SGAT Version: **4.53**

Reach: **M01**

<u>Step</u>	<u>Description</u>	<u>Value</u>
3.1	Alluvial Fan:	None
3.2	Grade Control:	None
5.2	# of Bridges or Culverts:	1
	Total Length:	106.740
5.3	Armoring Length	<u>Left</u> <u>Right</u>
		170.530 0.00000
	Data Armoring:	
5.4	Straightening Length:	247.08000
	Straightening Data:	

<u>Step</u>	<u>Description</u>	<u>Value</u>
5.5	Dredging History:	None
6.1	Berms & Roads Data:	
		<u>One Side</u> <u>Both Sides</u>
	Berms & Roads:	302.2500 0.0000
6.2	Dev. Length:	0.0000 0.0000
	Corridor Development Data:	None
		<u>Old</u> <u>New</u>
7.2	Bank Erosion:	Low 390.8800049
	Bank Height:	Low 2.726

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Reach: **M02**

<u>Step</u>	<u>Description</u>	<u>Value</u>
3.1	Alluvial Fan:	None
3.2	Grade Control:	None
5.2	# of Bridges or Culverts:	0
	Total Length:	0.000
5.3	Armoring Length	<u>Left</u> <u>Right</u>
		37.7200 0.00000
	Data Armoring:	
5.4	Straightening Length:	0.00000
	Straightening Data:	None

<u>Step</u>	<u>Description</u>	<u>Value</u>
5.5	Dredging History:	None
6.1	Berms & Roads Data:	
		<u>One Side</u> <u>Both Sides</u>
	Berms & Roads:	364.3200 0.0000
6.2	Dev. Length:	0.0000 0.0000
	Corridor Development Data:	None
		<u>Old</u> <u>New</u>
7.2	Bank Erosion:	N.S. 372.4700012
	Bank Height:	Low 3.872



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Reach: M03		<u>Step</u>	<u>Description</u>	<u>Value</u>
		5.5	Dredging History:	None
		6.1	Berms & Roads Data:	
			<u>One Side</u>	<u>Both Sides</u>
			Berms & Roads:	1326.2600 0.0000
		6.2	Dev. Length:	0.0000 0.0000
			Corridor Development Data:	None
			<u>Old</u>	<u>New</u>
		7.2	Bank Erosion:	N.S. 461.7999878
			Bank Height:	Low 4.323
<u>Step</u>	<u>Description</u>			
3.1	Alluvial Fan:			None
3.2	Grade Control:			None
5.2	# of Bridges or Culverts:			1
	Total Length:			545.300
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	
		312.929	0.00000	
		99		
	Data Armoring:			
5.4	Straightening Length:			390.41998
	Straightening Data:			

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Reach: M04		<u>Step</u>	<u>Description</u>	<u>Value</u>
		5.5	Dredging History:	None
		6.1	Berms & Roads Data:	
			<u>One Side</u>	<u>Both Sides</u>
			Berms & Roads:	861.6800 0.0000
		6.2	Dev. Length:	0.0000 0.0000
			Corridor Development Data:	None
			<u>Old</u>	<u>New</u>
		7.2	Bank Erosion:	N.S. 170.3899994
			Bank Height:	Low 1.792
<u>Step</u>	<u>Description</u>			
3.1	Alluvial Fan:			None
3.2	Grade Control:			None
5.2	# of Bridges or Culverts:			0
	Total Length:			0.000
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	
		119.010	73.9100	
		00	0	
	Data Armoring:			
5.4	Straightening Length:			266.89001
	Straightening Data:			



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Reach: M05				<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts:	1			Berms & Roads:	648.9800 0.0000
	Total Length:	254.600		6.2	Dev. Length:	0.0000 0.0000
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Corridor Development Data:	None
		148.149	176.360		<u>Old</u>	<u>New</u>
		99	00	7.2	Bank Erosion:	N.S. 290.8500061
	Data Armoring:				Bank Height:	Low 2.643
5.4	Straightening Length:	0.00000				
	Straightening Data:	None				

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Reach: M06				<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts:	0			Berms & Roads:	0.0000 0.0000
	Total Length:	0.000		6.2	Dev. Length:	0.0000 0.0000
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Corridor Development Data:	None
		0.00000	0.00000		<u>Old</u>	<u>New</u>
	Data Armoring:	None		7.2	Bank Erosion:	N.S. 248.3000031
5.4	Straightening Length:	0.00000			Bank Height:	Low 4.062
	Straightening Data:	None				



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Reach: M07				<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts:	2			Berms & Roads:	0.0000 1342.5601
	Total Length:	135.200		6.2	Dev. Length:	511.5400 862.8700
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Corridor Development Data:	
		179.780	184.800		<u>Old</u>	<u>New</u>
		00	00	7.2	Bank Erosion:	N.S. 125.1399994
	Data Armoring:				Bank Height:	Medium 8.000
5.4	Straightening Length:	656.83997				
	Straightening Data:					

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Reach: M08				<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts:	2			Berms & Roads:	492.7100 0.0000
	Total Length:	77.710		6.2	Dev. Length:	491.5100 0.0000
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Corridor Development Data:	
		116.110	0.00000		<u>Old</u>	<u>New</u>
		00		7.2	Bank Erosion:	N.S. 284.9800110
	Data Armoring:				Bank Height:	Low 3.272
5.4	Straightening Length:	244.87000				
	Straightening Data:					



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Reach: M09				<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts:	0			Berms & Roads:	141.5300 0.0000
	Total Length:	0.000		6.2	Dev. Length:	0.0000 0.0000
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Corridor Development Data:	None
		180.149	72.4400		<u>Old</u>	<u>New</u>
		99	0	7.2	Bank Erosion:	N.S. 713.3599854
	Data Armoring:				Bank Height:	Low 2.811
5.4	Straightening Length:	711.34003				
	Straightening Data:					

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Reach: M10				<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts:	1			Berms & Roads:	0.0000 0.0000
	Total Length:	20.510		6.2	Dev. Length:	0.0000 0.0000
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Corridor Development Data:	None
		39.4900	38.5600		<u>Old</u>	<u>New</u>
		0	0	7.2	Bank Erosion:	N.S. 468.0100098
	Data Armoring:				Bank Height:	Low 2.096
5.4	Straightening Length:	892.07996				
	Straightening Data:					



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Reach: M11		<u>Step</u>	<u>Description</u>	<u>Value</u>
		5.5	Dredging History:	None
		6.1	Berms & Roads Data:	None
			<u>One Side</u>	<u>Both Sides</u>
			Berms & Roads:	0.0000 0.0000
		6.2	Dev. Length:	0.0000 0.0000
			Corridor Development Data:	None
			<u>Old</u>	<u>New</u>
		7.2	Bank Erosion:	N.S. 281.9500122
			Bank Height:	Low 2.626
3.1	Alluvial Fan:			None
3.2	Grade Control:			None
5.2	# of Bridges or Culverts:			0
	Total Length:			0.000
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	
		0.00000	35.6100	0
	Data Armoring:			
5.4	Straightening Length:			0.00000
	Straightening Data:			None

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Reach: M12		<u>Step</u>	<u>Description</u>	<u>Value</u>
		5.5	Dredging History:	Not Evaluated
		6.1	Berms & Roads Data:	Not Evaluated
			<u>One Side</u>	<u>Both Sides</u>
			Berms & Roads:	
		6.2	Dev. Length:	
			Corridor Development Data:	Not Evaluated
			<u>Old</u>	<u>New</u>
		7.2	Bank Erosion:	N.E.
			Bank Height:	N.E.
3.1	Alluvial Fan:			None
3.2	Grade Control:			None
5.2	# of Bridges or Culverts:			
	Total Length:			
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	
	Data Armoring:			Not Evaluated
5.4	Straightening Length:			
	Straightening Data:			N.E.



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Reach: M13				<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	Not Evaluated
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts:	1			Berms & Roads:	
	Total Length:	17.160		6.2	Dev. Length:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Corridor Development Data:	None
			76.7500		<u>Old</u>	<u>New</u>
			0	7.2	Bank Erosion:	None 0.000000
	Data Armoring:				Bank Height:	N.D. 0.000
5.4	Straightening Length:	351.73001				
	Straightening Data:					

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Reach: M14				<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts:	2			Berms & Roads:	447.0000 0.0000
	Total Length:	74.680		6.2	Dev. Length:	0.0000 0.0000
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Corridor Development Data:	None
			80.9500		<u>Old</u>	<u>New</u>
			0	7.2	Bank Erosion:	N.S. 82.3799973
	Data Armoring:				Bank Height:	Low 4.000
5.4	Straightening Length:	1483.33997				
	Straightening Data:					



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Reach: M15				<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>	<u>Value</u>			
3.1		Alluvial Fan:	None	5.5	Dredging History:	None
3.2		Grade Control:	None	6.1	Berms & Roads Data:	None
5.2	# of Bridges or Culverts:	1				
	Total Length:	66.690			<u>One Side</u>	<u>Both Sides</u>
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Berms & Roads:	0.0000
		0.00000	160.209	6.2	Dev. Length:	0.0000
			99		Corridor Development Data:	None
	Data Armoring:				<u>Old</u>	<u>New</u>
5.4	Straightening Length:	329.38000		7.2	Bank Erosion:	None
	Straightening Data:				Bank Height:	N.D.
						0.000