



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
April, 08 2026

Phase 1 - FIT - Legacy Data Report

Winooski Lower - LC up to Alder

SGAT Version: 4.53

Reach: **R01**

<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:	2
	Total Length:	509.800
5.3	Armoring Length	<u>Left</u> <u>Right</u>
		1370.32 3059.47 007 998
	Data Armoring:	
5.4	Straightening Length:	4696.08008
	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:	21113.150 3560.6802 4
6.2	Dev. Length:	14981.969 1335.6700 7
	Corridor Development Data:	
		<u>Old</u> <u>New</u>
7.2	Bank Erosion:	N.S. 10806.459960 9
	Bank Height:	Low 4.008

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Reach: **R02**

<u>Step</u>	<u>Description</u>	<u>Value</u>
3.1	Alluvial Fan:	None
3.2	Grade Control:	Multiple
5.2	# of Bridges or Culverts:	3
	Total Length:	1234.290
5.3	Armoring Length	<u>Left</u> <u>Right</u>
		1964.11 1532.62 011 000
	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:	3055.0598 5867.7300
6.2	Dev. Length:	2285.9600 6633.6797
	Corridor Development Data:	
		<u>Old</u> <u>New</u>
7.2	Bank Erosion:	Low 2202.1999512
	Bank Height:	Medium 13.328



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Reach: R03		<u>Step</u>	<u>Description</u>	<u>Value</u>
		5.5	Dredging History:	None
3.1	Alluvial Fan:	6.1	Berms & Roads Data:	
			<u>One Side</u>	<u>Both Sides</u>
3.2	Grade Control:		Berms & Roads:	2784.0400 2758.4502
			Dev. Length:	2670.9199 820.9100
5.2	# of Bridges or Culverts:	6.2	Corridor Development Data:	
			<u>Old</u>	<u>New</u>
	Total Length:	7.2	Bank Erosion:	Low 699.1500244
			Bank Height:	Low 0.000
5.3	Armoring Length			
	Data Armoring:			
5.4	Straightening Length:			
	Straightening Data:			

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Reach: R04		<u>Step</u>	<u>Description</u>	<u>Value</u>
		5.5	Dredging History:	None
3.1	Alluvial Fan:	6.1	Berms & Roads Data:	
			<u>One Side</u>	<u>Both Sides</u>
3.2	Grade Control:		Berms & Roads:	2686.6299 0.0000
			Dev. Length:	2592.7500 155.5200
5.2	# of Bridges or Culverts:	6.2	Corridor Development Data:	
			<u>Old</u>	<u>New</u>
	Total Length:	7.2	Bank Erosion:	N.S. 1507.9200439
			Bank Height:	Low 2.710
5.3	Armoring Length			
	Data Armoring:			
5.4	Straightening Length:			
	Straightening Data:			



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Reach: R05				<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:	Ledge			<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts:	1			Berms & Roads:	8611.6494 1169.6600
	Total Length:	261.430		6.2	Dev. Length:	2244.5901 1883.0901
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Corridor Development Data:	
		0.00000	1384.38000		<u>Old</u>	<u>New</u>
	Data Armoring:			7.2	Bank Erosion:	N.S. 1904.1500244
5.4	Straightening Length:	0.00000			Bank Height:	Low 4.203
	Straightening Data:	None				

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Reach: R06				<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:	Dam			<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts:	2			Berms & Roads:	12444.5000 6023.9697
	Total Length:	862.850		6.2	Dev. Length:	13092.1094 1557.5900
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Corridor Development Data:	
		183.34000	1621.60999		<u>Old</u>	<u>New</u>
	Data Armoring:			7.2	Bank Erosion:	N.S. 582.6099854
5.4	Straightening Length:	0.00000			Bank Height:	Medium 6.700
	Straightening Data:	None				



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Reach: R07				<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:	
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: 749.3900	
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:				Bank Height:	