



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
June, 17 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>
	<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:	4			Berms & Roads:	2784.0400 2758.4502
	Total Length:	835.430		6.2	Dev. Length:	2670.9199 820.9100
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Corridor Development Data:	
		80.0900	309.470		<u>Old</u>	<u>New</u>
		0	00	7.2	Bank Erosion:	Low 699.1500244
	Data Armoring:				Bank Height:	Low 0.000
5.4	Straightening Length:	0.00000				
	Straightening Data:	None				

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Reach: R04				<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:	2686.6299 0.0000
	Total Length:	0.000		6.2	Dev. Length:	2592.7500 155.5200
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Corridor Development Data:	
		410.269	0.00000		<u>Old</u>	<u>New</u>
		99		7.2	Bank Erosion:	N.S. 1507.9200439
	Data Armoring:				Bank Height:	Low 2.710
5.4	Straightening Length:	0.00000				
	Straightening Data:	None				



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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:	