



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
November, 24 2024

Phase 1 - FIT - Legacy Data Report

Willard Stream

SGAT Version: 3

Reach: M02				<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:		6.1	Berms & Roads Data:	
3.2		Grade Control:			<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts:	0			Berms & Roads:	
	Total Length:			6.2	Dev. Length:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Corridor Development Data:	
	Data Armoring:	Not Evaluated			<u>Old</u>	<u>New</u>
5.4	Straightening Length:			7.2	Bank Erosion:	
	Straightening Data:	None			Bank Height:	

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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:		6.1	Berms & Roads Data:	
3.2		Grade Control:			<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts:	0			Berms & Roads:	
	Total Length:			6.2	Dev. Length:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Corridor Development Data:	
	Data Armoring:	Not Evaluated			<u>Old</u>	<u>New</u>
5.4	Straightening Length:			7.2	Bank Erosion:	
	Straightening Data:	None			Bank Height:	



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Reach: M07			<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>			
3.1	Alluvial Fan:		5.5	Dredging History:	None
3.2	Grade Control:		6.1	Berms & Roads Data:	
5.2	# of Bridges or Culverts: 2			<u>One Side</u>	<u>Both Sides</u>
	Total Length: 486.000			Berms & Roads:	
5.3	Armoring Length	<u>Left</u> <u>Right</u>	6.2	Dev. Length:	
	Data Armoring: Not Evaluated			Corridor Development Data:	
5.4	Straightening Length:			<u>Old</u>	<u>New</u>
	Straightening Data: None		7.2	Bank Erosion:	
				Bank Height:	

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Reach: M08			<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>			
3.1	Alluvial Fan:		5.5	Dredging History:	None
3.2	Grade Control:		6.1	Berms & Roads Data:	
5.2	# of Bridges or Culverts: 0			<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:	
	Data Armoring: Not Evaluated			Corridor Development Data:	
5.4	Straightening Length:			<u>Old</u>	<u>New</u>
	Straightening Data: None		7.2	Bank Erosion:	
				Bank Height:	



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SGAT Version: **3**

Reach: M09		<u>Step</u>	<u>Description</u>	<u>Value</u>
		5.5	Dredging History:	None
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: 1		Berms & Roads:	
	Total Length: 420.000	6.2	Dev. Length:	
5.3	Armoring Length		Corridor Development Data:	
	<u>Left</u>		<u>Old</u>	<u>New</u>
	<u>Right</u>			
	Data Armoring: Not Evaluated	7.2	Bank Erosion:	
5.4	Straightening Length:		Bank Height:	
	Straightening Data: None			

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Reach: M03		<u>Step</u>	<u>Description</u>	<u>Value</u>
		5.5	Dredging History:	None
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: 0		Berms & Roads:	
	Total Length:	6.2	Dev. Length:	
5.3	Armoring Length		Corridor Development Data:	
	<u>Left</u>		<u>Old</u>	<u>New</u>
	<u>Right</u>			
	Data Armoring: Not Evaluated	7.2	Bank Erosion:	
5.4	Straightening Length:		Bank Height:	
	Straightening Data: None			



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SGAT Version: **3**

Reach: M04			<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:		6.1	Berms & Roads Data:	
3.2	Grade Control:			<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts: 0			Berms & Roads:	
	Total Length:		6.2	Dev. Length:	
5.3	Armoring Length	<u>Left</u> <u>Right</u>		Corridor Development Data:	
	Data Armoring: Not Evaluated			<u>Old</u>	<u>New</u>
5.4	Straightening Length:		7.2	Bank Erosion:	
	Straightening Data: None			Bank Height:	

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SGAT Version: **3**

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:		6.1	Berms & Roads Data:	
3.2	Grade Control:			<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts: 0			Berms & Roads:	
	Total Length:		6.2	Dev. Length:	
5.3	Armoring Length	<u>Left</u> <u>Right</u>		Corridor Development Data:	
	Data Armoring: Not Evaluated			<u>Old</u>	<u>New</u>
5.4	Straightening Length:		7.2	Bank Erosion:	
	Straightening Data: None			Bank Height:	



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Reach: M01		<u>Step</u>	<u>Description</u>	<u>Value</u>
		5.5	Dredging History:	None
3.1	Alluvial Fan:	6.1	Berms & Roads Data:	None
3.2	Grade Control:		<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts: 1		Berms & Roads:	
	Total Length: 469.000	6.2	Dev. Length:	
5.3	Armoring Length		Corridor Development Data:	
	<u>Left</u>		<u>Old</u>	<u>New</u>
	95.0000	7.2	Bank Erosion: High	1542.500000
	0		Bank Height: Medium	5.986
	0			
	Data Armoring:			
5.4	Straightening Length: 1386.00000			
	Straightening Data:			

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Reach: M10		<u>Step</u>	<u>Description</u>	<u>Value</u>
		5.5	Dredging History:	None
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: 0		Berms & Roads:	
	Total Length:	6.2	Dev. Length:	
5.3	Armoring Length		Corridor Development Data:	
	<u>Left</u>		<u>Old</u>	<u>New</u>
	Not Evaluated	7.2	Bank Erosion:	
5.4	Straightening Length:		Bank Height:	
	Straightening Data: None			



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Reach: M11			<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>			
3.1		Alluvial Fan:	5.5	Dredging History:	None
3.2		Grade Control:	6.1	Berms & Roads Data:	
5.2	# of Bridges or Culverts:	1		<u>One Side</u>	<u>Both Sides</u>
	Total Length:	189.000	6.2	Dev. Length:	
5.3	Armoring Length	<u>Left</u> <u>Right</u>		Corridor Development Data:	
	Data Armoring:	Not Evaluated		<u>Old</u>	<u>New</u>
5.4	Straightening Length:		7.2	Bank Erosion:	
	Straightening Data:	None		Bank Height:	

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Reach: M12			<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>			
3.1		Alluvial Fan:	5.5	Dredging History:	None
3.2		Grade Control:	6.1	Berms & Roads Data:	
5.2	# of Bridges or Culverts:	1		<u>One Side</u>	<u>Both Sides</u>
	Total Length:	151.000	6.2	Dev. Length:	
5.3	Armoring Length	<u>Left</u> <u>Right</u>		Corridor Development Data:	
	Data Armoring:	Not Evaluated		<u>Old</u>	<u>New</u>
5.4	Straightening Length:		7.2	Bank Erosion:	
	Straightening Data:	None		Bank Height:	



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SGAT Version: **3**

Reach: M13		<u>Step</u>	<u>Description</u>	<u>Value</u>
		3.1	Alluvial Fan:	
		3.2	Grade Control:	
		5.2	# of Bridges or Culverts: 1	
			Total Length: 171.000	
		5.3	Armoring Length	<u>Left</u> <u>Right</u>
			Data Armoring: Not Evaluated	
		5.4	Straightening Length:	
			Straightening Data: None	
		5.5	Dredging History:	None
		6.1	Berms & Roads Data:	
				<u>One Side</u> <u>Both Sides</u>
			Berms & Roads:	
		6.2	Dev. Length:	
			Corridor Development Data:	
				<u>Old</u> <u>New</u>
		7.2	Bank Erosion:	
			Bank Height:	