



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
November, 22 2024

Phase 1 - FIT - Legacy Data Report

Passumpsic

SGAT Version: 3

Reach: **M01**

<u>Step</u>	<u>Description</u>	<u>Value</u>
3.1	Alluvial Fan: Yes	
3.2	Grade Control: Multiple	
5.2	# of Bridges or Culverts: 0	
	Total Length: 0.000	
5.3	Armoring Length	<u>Left</u> <u>Right</u>
		328.000 600.000
		00 00
	Data Armoring:	
5.4	Straightening Length:	
	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:	2926.0000
6.2	Dev. Length: 0.0000	283.0000
	Corridor Development Data:	
		<u>Old</u> <u>New</u>
7.2	Bank Erosion: None	
	Bank Height: Medium	

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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: 5	
	Total Length: 2661.300	
5.3	Armoring Length	<u>Left</u> <u>Right</u>
		3300.00 3300.00
		000 000
	Data Armoring:	
5.4	Straightening Length: 3300.00000	
	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:	8871.0000
6.2	Dev. Length: 0.0000	3548.0000
	Corridor Development Data:	
		<u>Old</u> <u>New</u>
7.2	Bank Erosion: High	
	Bank Height: Medium	



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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:	
			<u>One Side</u>	<u>Both Sides</u>
3.2	Grade Control:		Berms & Roads:	6132.0000
			Dev. Length:	797.0000
5.2	# of Bridges or Culverts:	6.2	Corridor Development Data:	
			<u>Old</u>	<u>New</u>
	Total Length:	7.2	Bank Erosion:	High
			Bank Height:	Medium
5.3	Armoring Length			
	Data Armoring:			
5.4	Straightening Length:			
	Straightening Data:			

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Reach: M04		<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:	9908.0000
			Dev. Length:	0.0000
5.2	# of Bridges or Culverts:	6.2	Corridor Development Data:	
			<u>Old</u>	<u>New</u>
	Total Length:	7.2	Bank Erosion:	Low
			Bank Height:	High
5.3	Armoring Length			
	Data Armoring:			
5.4	Straightening Length:			
	Straightening Data:			



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Reach: M05		<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:	11120.0000
		6.2	Dev. Length:	0.0000 9897.0000
5.2	# of Bridges or Culverts:		Corridor Development Data:	
			<u>Old</u>	<u>New</u>
	Total Length:	7.2	Bank Erosion:	High
			Bank Height:	Medium
5.3	Armoring Length			
	Data Armoring:			
5.4	Straightening Length:			
	Straightening Data:			

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SGAT Version: 3

Reach: M06		<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:	5773.0000
		6.2	Dev. Length:	0.0000 4849.0000
5.2	# of Bridges or Culverts:		Corridor Development Data:	
			<u>Old</u>	<u>New</u>
	Total Length:	7.2	Bank Erosion:	High
			Bank Height:	Medium
5.3	Armoring Length			
	Data Armoring:			
5.4	Straightening Length:			
	Straightening Data:			



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SGAT Version: 3

Reach: M07		<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:	5607.0000
		6.2	Dev. Length:	0.0000 5607.0000
5.2	# of Bridges or Culverts:		Corridor Development Data:	
			<u>Old</u>	<u>New</u>
	Total Length:	7.2	Bank Erosion:	Low
			Bank Height:	Medium
5.3	Armoring Length			
	Data Armoring:			
5.4	Straightening Length:			
	Straightening Data:			

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SGAT Version: 3

Reach: M08		<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:	9289.0000
		6.2	Dev. Length:	0.0000 9289.0000
5.2	# of Bridges or Culverts:		Corridor Development Data:	
			<u>Old</u>	<u>New</u>
	Total Length:	7.2	Bank Erosion:	Low 1465.0000000
			Bank Height:	Medium
5.3	Armoring Length			
	Data Armoring:			
5.4	Straightening Length:			
	Straightening Data:			



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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:	
			<u>One Side</u>	<u>Both Sides</u>
3.2	Grade Control:		Berms & Roads:	8026.0000
		6.2	Dev. Length:	0.0000 8026.0000
5.2	# of Bridges or Culverts:		Corridor Development Data:	
			<u>Old</u>	<u>New</u>
	Total Length:	7.2	Bank Erosion:	Low 417.5000000
			Bank Height:	Medium 14.449
5.3	Armoring Length			
	Data Armoring:			
5.4	Straightening Length:			
	Straightening Data:			

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SGAT Version: 3

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:	
			<u>One Side</u>	<u>Both Sides</u>
3.2	Grade Control:		Berms & Roads:	3848.0000
5.2	# of Bridges or Culverts:	6.2	Dev. Length:	0.0000 2886.0000
			Corridor Development Data:	
	Total Length:		<u>Old</u>	<u>New</u>
5.3	Armoring Length	7.2	Bank Erosion:	None
			Bank Height:	Medium
	Data Armoring:			
5.4	Straightening Length:			
	Straightening Data:			



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SGAT Version: 3

Reach: M11		<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:	8290.0000
		6.2	Dev. Length:	0.0000 4808.0000
5.2	# of Bridges or Culverts:		Corridor Development Data:	
			<u>Old</u>	<u>New</u>
	Total Length:	7.2	Bank Erosion:	Low
			Bank Height:	Medium
5.3	Armoring Length			
	Data Armoring:			
5.4	Straightening Length:			
	Straightening Data:			

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SGAT Version: 3

Reach: M12		<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:	4994.0000
5.2	# of Bridges or Culverts:	6.2	Dev. Length:	4306.0000 0.0000
			Corridor Development Data:	
	Total Length:		<u>Old</u>	<u>New</u>
		7.2	Bank Erosion:	High
5.3	Armoring Length		Bank Height:	High
	Data Armoring:			
5.4	Straightening Length:			
	Straightening Data:			



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Reach: M13		<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:	2267.0000
		6.2	Dev. Length:	0.0000 0.0000
5.2	# of Bridges or Culverts:		Corridor Development Data:	
			<u>Old</u>	<u>New</u>
	Total Length:	7.2	Bank Erosion:	Low
			Bank Height:	Medium
5.3	Armoring Length			
	Data Armoring:			
5.4	Straightening Length:			
	Straightening Data:			None

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SGAT Version: 3

Reach: M14		<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:	1289.0000
		6.2	Dev. Length:	315.0000 0.0000
5.2	# of Bridges or Culverts:		Corridor Development Data:	
			<u>Old</u>	<u>New</u>
	Total Length:	7.2	Bank Erosion:	Low
			Bank Height:	Medium
5.3	Armoring Length			
	Data Armoring:			
5.4	Straightening Length:			
	Straightening Data:			1200.00000



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Reach: M15		<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:	4238.0000
		6.2	Dev. Length:	0.0000 4238.0000
5.2	# of Bridges or Culverts:		Corridor Development Data:	
			<u>Old</u>	<u>New</u>
	Total Length:	7.2	Bank Erosion:	None
			Bank Height:	Low
5.3	Armoring Length			
	Data Armoring:			
5.4	Straightening Length:			
	Straightening Data:			

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Reach: M16		<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:	8481.0000
5.2	# of Bridges or Culverts:	6.2	Dev. Length:	0.0000 8630.0000
			Corridor Development Data:	
	Total Length:		<u>Old</u>	<u>New</u>
		7.2	Bank Erosion:	High
5.3	Armoring Length		Bank Height:	Medium
	Data Armoring:			
5.4	Straightening Length:			
	Straightening Data:			



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SGAT Version: 3

Reach: M17		<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:	7923.0000
		6.2	Dev. Length:	0.0000
			Corridor Development Data:	
			<u>Old</u>	<u>New</u>
		7.2	Bank Erosion:	High
			Bank Height:	Medium
3.1	Alluvial Fan:			None
3.2	Grade Control:			None
5.2	# of Bridges or Culverts:			3
	Total Length:			1980.750
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	
	Data Armoring:			
5.4	Straightening Length:			3000.00000
	Straightening Data:			