



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
June, 17 2026

## 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: <b>Yes</b>	
3.2	Grade Control: <b>Multiple</b>	
5.2	# of Bridges or Culverts: <b>0</b>	
	Total Length: <b>0.000</b>	
5.3	Armoring Length	<u>Left</u> <u>Right</u>
		<b>328.000    600.000</b>
		<b>00            00</b>
	Data Armoring:	
5.4	Straightening Length:	
	Straightening Data: <b>None</b>	

<u>Step</u>	<u>Description</u>	<u>Value</u>
5.5	Dredging History:	<b>None</b>
6.1	Berms & Roads Data:	
		<u>One Side</u> <u>Both Sides</u>
	Berms & Roads:	<b>2926.0000</b>
6.2	Dev. Length: <b>0.0000</b>	<b>283.0000</b>
	Corridor Development Data:	
		<u>Old</u> <u>New</u>
7.2	Bank Erosion: <b>None</b>	
	Bank Height: <b>Medium</b>	

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SGAT Version: 3

Reach: **M02**

<u>Step</u>	<u>Description</u>	<u>Value</u>
3.1	Alluvial Fan: <b>None</b>	
3.2	Grade Control: <b>None</b>	
5.2	# of Bridges or Culverts: <b>5</b>	
	Total Length: <b>2661.300</b>	
5.3	Armoring Length	<u>Left</u> <u>Right</u>
		<b>3300.00    3300.00</b>
		<b>000            000</b>
	Data Armoring:	
5.4	Straightening Length: <b>3300.00000</b>	
	Straightening Data:	

<u>Step</u>	<u>Description</u>	<u>Value</u>
5.5	Dredging History:	<b>None</b>
6.1	Berms & Roads Data:	
		<u>One Side</u> <u>Both Sides</u>
	Berms & Roads:	<b>8871.0000</b>
6.2	Dev. Length: <b>0.0000</b>	<b>3548.0000</b>
	Corridor Development Data:	
		<u>Old</u> <u>New</u>
7.2	Bank Erosion: <b>High</b>	
	Bank Height: <b>Medium</b>	



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Reach: <b>M03</b>				<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	<b>None</b>
3.1	Alluvial Fan:	<b>None</b>		6.1	Berms & Roads Data:	
3.2	Grade Control:	<b>None</b>			<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts:	<b>2</b>			Berms & Roads:	<b>6132.0000</b>
	Total Length:	<b>919.800</b>		6.2	Dev. Length:	<b>797.0000</b> <b>0.0000</b>
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Corridor Development Data:	
		<b>1200.00</b>	<b>1200.00</b>		<u>Old</u>	<u>New</u>
		<b>000</b>	<b>000</b>	7.2	Bank Erosion:	<b>High</b>
	Data Armoring:				Bank Height:	<b>Medium</b>
5.4	Straightening Length:	<b>3200.00000</b>				
	Straightening Data:					

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SGAT Version: 3

Reach: <b>M04</b>				<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	<b>None</b>
3.1	Alluvial Fan:	<b>None</b>		6.1	Berms & Roads Data:	
3.2	Grade Control:	<b>Multiple</b>			<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts:	<b>3</b>			Berms & Roads:	<b>9908.0000</b>
	Total Length:	<b>2477.000</b>		6.2	Dev. Length:	<b>0.0000</b> <b>4459.0000</b>
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Corridor Development Data:	
					<u>Old</u>	<u>New</u>
	Data Armoring:			7.2	Bank Erosion:	<b>Low</b>
5.4	Straightening Length:	<b>1250.00000</b>			Bank Height:	<b>High</b>
	Straightening Data:					



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SGAT Version: 3

Reach: <b>M05</b>		<u>Step</u>	<u>Description</u>	<u>Value</u>
		5.5	Dredging History:	<b>None</b>
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:	<b>11120.0000</b>
	Total Length:	6.2	Dev. Length:	<b>0.0000</b> <b>9897.0000</b>
5.3	Armoring Length		Corridor Development Data:	
			<u>Old</u>	<u>New</u>
	Data Armoring:	7.2	Bank Erosion:	<b>High</b>
5.4	Straightening Length:		Bank Height:	<b>Medium</b>
	Straightening Data:			

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## Passumpsic

SGAT Version: 3

Reach: <b>M06</b>		<u>Step</u>	<u>Description</u>	<u>Value</u>
		5.5	Dredging History:	<b>None</b>
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:	<b>5773.0000</b>
	Total Length:	6.2	Dev. Length:	<b>0.0000</b> <b>4849.0000</b>
5.3	Armoring Length		Corridor Development Data:	
			<u>Old</u>	<u>New</u>
	Data Armoring:	7.2	Bank Erosion:	<b>High</b>
5.4	Straightening Length:		Bank Height:	<b>Medium</b>
	Straightening Data:			



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SGAT Version: 3

Reach: <b>M07</b>		<u>Step</u>	<u>Description</u>	<u>Value</u>
		5.5	Dredging History:	<b>None</b>
3.1	Alluvial Fan:	6.1	Berms & Roads Data:	
			<u>One Side</u>	<u>Both Sides</u>
3.2	Grade Control:		Berms & Roads:	<b>5607.0000</b>
		6.2	Dev. Length:	<b>0.0000</b> <b>5607.0000</b>
5.2	# of Bridges or Culverts:		Corridor Development Data:	
			<u>Old</u>	<u>New</u>
	Total Length:	7.2	Bank Erosion:	<b>Low</b>
			Bank Height:	<b>Medium</b>
5.3	Armoring Length			
	Data Armoring:			
5.4	Straightening Length:			
	Straightening Data:			

## Phase 1 - FIT - Legacy Data Report

## Passumpsic

SGAT Version: 3

Reach: <b>M08</b>		<u>Step</u>	<u>Description</u>	<u>Value</u>
		5.5	Dredging History:	<b>None</b>
3.1	Alluvial Fan:	6.1	Berms & Roads Data:	
			<u>One Side</u>	<u>Both Sides</u>
3.2	Grade Control:		Berms & Roads:	<b>9289.0000</b>
		6.2	Dev. Length:	<b>0.0000</b> <b>9289.0000</b>
5.2	# of Bridges or Culverts:		Corridor Development Data:	
			<u>Old</u>	<u>New</u>
	Total Length:	7.2	Bank Erosion:	<b>Low</b> <b>1465.0000000</b>
			Bank Height:	<b>Medium</b>
5.3	Armoring Length			
	Data Armoring:			
5.4	Straightening Length:			
	Straightening Data:			



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SGAT Version: 3

Reach: <b>M09</b>		<u>Step</u>	<u>Description</u>	<u>Value</u>
		5.5	Dredging History:	<b>None</b>
3.1	Alluvial Fan:	6.1	Berms & Roads Data:	
3.2	Grade Control: <b>Ledge</b>		<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts: <b>2</b>		Berms & Roads:	<b>8026.0000</b>
	Total Length: <b>0.000</b>	6.2	Dev. Length: <b>0.0000</b>	<b>8026.0000</b>
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: <b>3000.00000</b>	7.2	Bank Erosion: <b>Low</b>	<b>417.5000000</b>
	Straightening Data:		Bank Height: <b>Medium</b>	<b>14.449</b>

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SGAT Version: 3

Reach: <b>M10</b>		<u>Step</u>	<u>Description</u>	<u>Value</u>
		5.5	Dredging History:	<b>None</b>
3.1	Alluvial Fan: <b>None</b>	6.1	Berms & Roads Data:	
3.2	Grade Control: <b>Ledge</b>		<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts: <b>1</b>		Berms & Roads:	<b>3848.0000</b>
	Total Length: <b>0.000</b>	6.2	Dev. Length: <b>0.0000</b>	<b>2886.0000</b>
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: <b>None</b>	
	Straightening Data: <b>None</b>		Bank Height: <b>Medium</b>	



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Reach: <b>M11</b>		<u>Step</u>	<u>Description</u>	<u>Value</u>
		5.5	Dredging History:	<b>None</b>
3.1	Alluvial Fan:	6.1	Berms & Roads Data:	
			<u>One Side</u>	<u>Both Sides</u>
3.2	Grade Control:		Berms & Roads:	<b>8290.0000</b>
			Dev. Length:	<b>0.0000</b>
5.2	# of Bridges or Culverts:	6.2	Corridor Development Data:	
			<u>Old</u>	<u>New</u>
	Total Length:	7.2	Bank Erosion:	<b>Low</b>
			Bank Height:	<b>Medium</b>
5.3	Armoring Length			
	Data Armoring:			
5.4	Straightening Length:			
	Straightening Data:			

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## Passumpsic

SGAT Version: 3

Reach: <b>M12</b>		<u>Step</u>	<u>Description</u>	<u>Value</u>
		5.5	Dredging History:	<b>None</b>
3.1	Alluvial Fan:	6.1	Berms & Roads Data:	
			<u>One Side</u>	<u>Both Sides</u>
3.2	Grade Control:		Berms & Roads:	<b>4994.0000</b>
5.2	# of Bridges or Culverts:	6.2	Dev. Length:	<b>4306.0000</b>
			Corridor Development Data:	<b>0.0000</b>
	Total Length:		<u>Old</u>	<u>New</u>
5.3	Armoring Length	7.2	Bank Erosion:	<b>High</b>
			Bank Height:	<b>High</b>
	Data Armoring:			
5.4	Straightening Length:			
	Straightening Data:			



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SGAT Version: 3

Reach: <b>M13</b>		<u>Step</u>	<u>Description</u>	<u>Value</u>
		5.5	Dredging History:	<b>None</b>
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:	<b>2267.0000</b>
	Total Length:	6.2	Dev. Length:	<b>0.0000</b> <b>0.0000</b>
5.3	Armoring Length		Corridor Development Data:	
			<u>Old</u>	<u>New</u>
	Data Armoring:	7.2	Bank Erosion:	<b>Low</b>
5.4	Straightening Length:		Bank Height:	<b>Medium</b>
	Straightening Data:			

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## Passumpsic

SGAT Version: 3

Reach: <b>M14</b>		<u>Step</u>	<u>Description</u>	<u>Value</u>
		5.5	Dredging History:	<b>None</b>
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:	<b>1289.0000</b>
	Total Length:	6.2	Dev. Length:	<b>315.0000</b> <b>0.0000</b>
5.3	Armoring Length		Corridor Development Data:	
			<u>Old</u>	<u>New</u>
	Data Armoring:	7.2	Bank Erosion:	<b>Low</b>
5.4	Straightening Length:		Bank Height:	<b>Medium</b>
	Straightening Data:			



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SGAT Version: 3

Reach: <b>M15</b>		<u>Step</u>	<u>Description</u>	<u>Value</u>
		5.5	Dredging History:	<b>None</b>
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:	<b>4238.0000</b>
	Total Length:	6.2	Dev. Length:	<b>0.0000</b> <b>4238.0000</b>
5.3	Armoring Length		Corridor Development Data:	
			<u>Old</u>	<u>New</u>
	Data Armoring:	7.2	Bank Erosion:	<b>None</b>
5.4	Straightening Length:		Bank Height:	<b>Low</b>
	Straightening Data:			

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## Passumpsic

SGAT Version: 3

Reach: <b>M16</b>		<u>Step</u>	<u>Description</u>	<u>Value</u>
		5.5	Dredging History:	<b>None</b>
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:	<b>8481.0000</b>
	Total Length:	6.2	Dev. Length:	<b>0.0000</b> <b>8630.0000</b>
5.3	Armoring Length		Corridor Development Data:	
			<u>Old</u>	<u>New</u>
	Data Armoring:	7.2	Bank Erosion:	<b>High</b>
5.4	Straightening Length:		Bank Height:	<b>Medium</b>
	Straightening Data:			



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## Passumpsic

SGAT Version: **3**

Reach: <b>M17</b>		<u>Step</u>	<u>Description</u>	<u>Value</u>
		5.5	Dredging History:	<b>None</b>
<u>Step</u>	<u>Description</u>	<u>Value</u>		
3.1	Alluvial Fan:	<b>None</b>		
3.2	Grade Control:	<b>None</b>		
5.2	# of Bridges or Culverts:	<b>3</b>		
	Total Length:	<b>1980.750</b>		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	
	Data Armoring:			
5.4	Straightening Length:	<b>3000.00000</b>		
	Straightening Data:			
		6.1	Berms & Roads Data:	
			<u>One Side</u>	<u>Both Sides</u>
			Berms & Roads:	<b>7923.0000</b>
		6.2	Dev. Length:	<b>0.0000</b>
			Corridor Development Data:	
			<u>Old</u>	<u>New</u>
		7.2	Bank Erosion:	<b>High</b>
			Bank Height:	<b>Medium</b>