



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
May, 20 2024

Phase 1 - FIT - Legacy Data Report

Trout River Mouth

SGAT Version: 3

Reach: T1.01

<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:	1
	Total Length:	234.080
5.3	Armoring Length	<u>Left</u> <u>Right</u>
		251.030 401.190 00 00
	Data Armoring:	
5.4	Straightening Length:	94.96000
	Straightening Data:	

<u>Step</u>	<u>Description</u>	<u>Value</u>
5.5	Dredging History:	No Data
6.1	Berms & Roads Data:	
		<u>One Side</u> <u>Both Sides</u>
	Berms & Roads:	0.0000 51.5300
6.2	Dev. Length:	0.0000 0.0000
	Corridor Development Data:	
		<u>Old</u> <u>New</u>
7.2	Bank Erosion:	N.S. 345.3200073
	Bank Height:	Low 4.640

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Reach: T1.03

<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:	1
	Total Length:	309.920
5.3	Armoring Length	<u>Left</u> <u>Right</u>
	Data Armoring:	None
5.4	Straightening Length:	227.00000
	Straightening Data:	

<u>Step</u>	<u>Description</u>	<u>Value</u>
5.5	Dredging History:	No Data
6.1	Berms & Roads Data:	
		<u>One Side</u> <u>Both Sides</u>
	Berms & Roads:	154.0000
6.2	Dev. Length:	77.0000 0.0000
	Corridor Development Data:	
		<u>Old</u> <u>New</u>
7.2	Bank Erosion:	
	Bank Height:	



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Reach: T1.04			<u>Step</u>	<u>Description</u>	<u>Value</u>
3.1	Alluvial Fan:	None	5.5	Dredging History:	No Data
3.2	Grade Control:	None	6.1	Berms & Roads Data:	
5.2	# of Bridges or Culverts:	1		<u>One Side</u>	<u>Both Sides</u>
	Total Length:	0.000		Berms & Roads:	464.0000
5.3	Armoring Length	<u>Left</u> <u>Right</u>	6.2	Dev. Length:	0.0000 0.0000
	Data Armoring:	No Data		Corridor Development Data:	
5.4	Straightening Length:			<u>Old</u>	<u>New</u>
	Straightening Data:	N.D.	7.2	Bank Erosion:	
				Bank Height:	

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SGAT Version: 3

Reach: M1S3.01			<u>Step</u>	<u>Description</u>	<u>Value</u>
3.1	Alluvial Fan:	Yes	5.5	Dredging History:	No Data
3.2	Grade Control:	None	6.1	Berms & Roads Data:	None
5.2	# of Bridges or Culverts:	1		<u>One Side</u>	<u>Both Sides</u>
	Total Length:	155.400		Berms & Roads:	
5.3	Armoring Length	<u>Left</u> <u>Right</u>	6.2	Dev. Length:	
	Data Armoring:	None		Corridor Development Data:	
5.4	Straightening Length:	841.00000		<u>Old</u>	<u>New</u>
	Straightening Data:		7.2	Bank Erosion:	
				Bank Height:	



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Reach: **M1S3.1S1.01**

<u>Step</u>	<u>Description</u>	<u>Value</u>
3.1	Alluvial Fan:	Yes
3.2	Grade Control:	None
5.2	# of Bridges or Culverts:	3
	Total Length:	820.710
5.3	Armoring Length	<u>Left</u> <u>Right</u>
	Data Armoring:	None
5.4	Straightening Length:	1593.00000
	Straightening Data:	

<u>Step</u>	<u>Description</u>	<u>Value</u>
5.5	Dredging History:	No Data
6.1	Berms & Roads Data:	
	<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	1119.0000
6.2	Dev. Length:	0.0000
	Corridor Development Data:	
	<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	
	Bank Height:	

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Trout River Mouth

SGAT Version: 3

Reach: **M2S4.01**

<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:	1
	Total Length:	132.720
5.3	Armoring Length	<u>Left</u> <u>Right</u>
	Data Armoring:	None
5.4	Straightening Length:	877.00000
	Straightening Data:	

<u>Step</u>	<u>Description</u>	<u>Value</u>
5.5	Dredging History:	No Data
6.1	Berms & Roads Data:	None
	<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	
6.2	Dev. Length:	0.0000
	Corridor Development Data:	0.0000
	<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	
	Bank Height:	



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Trout River Mouth

SGAT Version: 3

Reach: M2S2.01			<u>Step</u>	<u>Description</u>	<u>Value</u>
3.1	Alluvial Fan:	None	5.5	Dredging History:	No Data
3.2	Grade Control:	None	6.1	Berms & Roads Data:	
5.2	# of Bridges or Culverts:	1		<u>One Side</u>	<u>Both Sides</u>
	Total Length:	51.000		Berms & Roads:	204.0000
5.3	Armoring Length	<u>Left</u> <u>Right</u>	6.2	Dev. Length:	0.0000 0.0000
	Data Armoring:	None		Corridor Development Data:	
5.4	Straightening Length:	702.00000		<u>Old</u>	<u>New</u>
	Straightening Data:		7.2	Bank Erosion:	
				Bank Height:	

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SGAT Version: 3

Reach: T1.02			<u>Step</u>	<u>Description</u>	<u>Value</u>
3.1	Alluvial Fan:	None	5.5	Dredging History:	No Data
3.2	Grade Control:	Multiple	6.1	Berms & Roads Data:	
5.2	# of Bridges or Culverts:	1		<u>One Side</u>	<u>Both Sides</u>
	Total Length:	166.400		Berms & Roads:	0.0000 107.5800
5.3	Armoring Length	<u>Left</u> <u>Right</u>	6.2	Dev. Length:	0.0000 0.0000
		0.00000 0.00000		Corridor Development Data:	
	Data Armoring:	None		<u>Old</u>	<u>New</u>
5.4	Straightening Length:	0.00000	7.2	Bank Erosion:	N.S. 118.1300049
	Straightening Data:	None		Bank Height:	Medium 9.021



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Trout River Mouth

SGAT Version: 3

Reach: T1.3S1.01

<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:	1
	Total Length:	431.160
5.3	Armoring Length	<u>Left</u> <u>Right</u>
	Data Armoring:	None
5.4	Straightening Length:	458.00000
	Straightening Data:	

<u>Step</u>	<u>Description</u>	<u>Value</u>
5.5	Dredging History:	No Data
6.1	Berms & Roads Data:	
	<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	71.0000
6.2	Dev. Length:	0.0000 0.0000
	Corridor Development Data:	
	<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	
	Bank Height:	

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Trout River Mouth

SGAT Version: 3

Reach: M01

<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:	521.000
5.3	Armoring Length	<u>Left</u> <u>Right</u>
		1633.81 1446.19 006 006
	Data Armoring:	
5.4	Straightening Length:	1080.35999
	Straightening Data:	

<u>Step</u>	<u>Description</u>	<u>Value</u>
5.5	Dredging History:	Dredging
6.1	Berms & Roads Data:	
	<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	208.9400 0.0000
6.2	Dev. Length:	92.5800 0.0000
	Corridor Development Data:	
	<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	N.S. 433.7000122
	Bank Height:	Medium 7.105



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Trout River Mouth

SGAT Version: 3

Reach: **M1S1.01**

<u>Step</u>	<u>Description</u>	<u>Value</u>
3.1	Alluvial Fan:	Yes
3.2	Grade Control:	None
5.2	# of Bridges or Culverts:	2
	Total Length:	461.280
5.3	Armoring Length	<u>Left</u> <u>Right</u>
		131.560 238.879
		00 99
	Data Armoring:	
5.4	Straightening Length:	0.00000
	Straightening Data:	None

<u>Step</u>	<u>Description</u>	<u>Value</u>
5.5	Dredging History:	Dredging
6.1	Berms & Roads Data:	
		<u>One Side</u> <u>Both Sides</u>
	Berms & Roads:	767.9200 0.0000
6.2	Dev. Length:	0.0000 0.0000
	Corridor Development Data:	
		<u>Old</u> <u>New</u>
7.2	Bank Erosion:	N.S. 767.2299805
	Bank Height:	Low 4.040

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SGAT Version: 3

Reach: **M1S1.02**

<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:	1
	Total Length:	0.000
5.3	Armoring Length	<u>Left</u> <u>Right</u>
	Data Armoring:	No Data
5.4	Straightening Length:	
	Straightening Data:	N.D.

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



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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: 2	
		Total Length: 839.590	
	5.3	Armoring Length	<u>Left</u> <u>Right</u>
			154.440 316.410 00 00
		Data Armoring:	
	5.4	Straightening Length: 1372.17993	
		Straightening Data:	
	<u>Step</u>	<u>Description</u>	<u>Value</u>
	5.5	Dredging History: Dredging	
	6.1	Berms & Roads Data:	
		<u>One Side</u> <u>Both Sides</u>	
		Berms & Roads: 782.5200	105.9900
	6.2	Dev. Length: 0.0000	0.0000
		Corridor Development Data:	
		<u>Old</u> <u>New</u>	
	7.2	Bank Erosion: N.S.	4079.5100098
		Bank Height: Medium	6.225

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SGAT Version: 3

Reach: M2S1.01	<u>Step</u>	<u>Description</u>	<u>Value</u>
	3.1	Alluvial Fan: Yes	
	3.2	Grade Control: None	
	5.2	# of Bridges or Culverts: 0	
		Total Length: 0.000	
	5.3	Armoring Length	<u>Left</u> <u>Right</u>
		Data Armoring: No Data	
	5.4	Straightening Length:	
		Straightening Data: N.D.	
	<u>Step</u>	<u>Description</u>	<u>Value</u>
	5.5	Dredging History: No Data	
	6.1	Berms & Roads Data:	
		<u>One Side</u> <u>Both Sides</u>	
		Berms & Roads: 632.0000	
	6.2	Dev. Length: 54.0000	0.0000
		Corridor Development Data:	
		<u>Old</u> <u>New</u>	
	7.2	Bank Erosion:	
		Bank Height:	



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SGAT Version: 3

Reach: M2S3.01			<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>	<u>Value</u>		
3.1	Alluvial Fan:	Yes			
3.2	Grade Control:	None			
5.2	# of Bridges or Culverts:	1			
	Total Length:	281.780			
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		
		247.960	186.399		
		01	99		
	Data Armoring:				
5.4	Straightening Length:	0.00000			
	Straightening Data:	None			

<u>Step</u>	<u>Description</u>	<u>Value</u>
5.5	Dredging History:	No Data
6.1	Berms & Roads Data:	
	<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	0.0000 49.0600
6.2	Dev. Length:	0.0000 0.0000
	Corridor Development Data:	
	<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	N.S. 104.8600006
	Bank Height:	Low 3.560

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Trout River Mouth

SGAT Version: 3

Reach: M2S3.02			<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>	<u>Value</u>		
3.1	Alluvial Fan:	None			
3.2	Grade Control:	Waterfall			
5.2	# of Bridges or Culverts:	1			
	Total Length:	316.330			
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		
		0.00000	0.00000		
	Data Armoring:	None			
5.4	Straightening Length:	0.00000			
	Straightening Data:	None			

<u>Step</u>	<u>Description</u>	<u>Value</u>
5.5	Dredging History:	No Data
6.1	Berms & Roads Data:	
	<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	0.0000 32.6200
6.2	Dev. Length:	0.0000 0.0000
	Corridor Development Data:	
	<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	N.S. 587.1599731
	Bank Height:	Medium 5.506



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Trout River Mouth

SGAT Version: 3

Reach: T2.01			<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>			
3.1	Alluvial Fan:	Yes	5.5	Dredging History:	Dredging
3.2	Grade Control:	Waterfall	6.1	Berms & Roads Data:	
5.2	# of Bridges or Culverts:	2		<u>One Side</u>	<u>Both Sides</u>
	Total Length:	283.600		Berms & Roads:	500.5100 432.7500
5.3	Armoring Length	<u>Left</u> <u>Right</u>	6.2	Dev. Length:	0.0000 236.3800
		441.649 341.760		Corridor Development Data:	
		99 01		<u>Old</u> <u>New</u>	
	Data Armoring:		7.2	Bank Erosion:	N.S. 126.4799957
5.4	Straightening Length:	473.27997		Bank Height:	Low 3.457
	Straightening Data:				

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Trout River Mouth

SGAT Version: 3

Reach: T2.02			<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>			
3.1	Alluvial Fan:	None	5.5	Dredging History:	No Data
3.2	Grade Control:	Ledge	6.1	Berms & Roads Data:	
5.2	# of Bridges or Culverts:	2		<u>One Side</u>	<u>Both Sides</u>
	Total Length:	0.000		Berms & Roads:	199.0000
5.3	Armoring Length	<u>Left</u> <u>Right</u>	6.2	Dev. Length:	199.0000 0.0000
				Corridor Development Data:	
	Data Armoring:	No Data		<u>Old</u> <u>New</u>	
5.4	Straightening Length:		7.2	Bank Erosion:	
	Straightening Data:	N.D.		Bank Height:	



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Reach: T2.03				<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	No Data
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:	1			Berms & Roads:	73.0000
	Total Length:	0.000		6.2	Dev. Length:	73.0000
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Corridor Development Data:	0.0000
	Data Armoring:	No Data			<u>Old</u>	<u>New</u>
5.4	Straightening Length:			7.2	Bank Erosion:	N.D.
	Straightening Data:	N.D.			Bank Height:	N.D.

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Reach: T2.04				<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	No Data
3.1	Alluvial Fan:	Yes		6.1	Berms & Roads Data:	
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts:	1			Berms & Roads:	139.0000
	Total Length:	278.040		6.2	Dev. Length:	0.0000
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Corridor Development Data:	139.0000
	Data Armoring:	No Data			<u>Old</u>	<u>New</u>
5.4	Straightening Length:			7.2	Bank Erosion:	
	Straightening Data:	N.D.			Bank Height:	



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Reach: T2.05				<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	No Data
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:	1			Berms & Roads:	516.0000
	Total Length:	0.000		6.2	Dev. Length:	0.0000 0.0000
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Corridor Development Data:	
					<u>Old</u>	<u>New</u>
	Data Armoring:	No Data		7.2	Bank Erosion:	
5.4	Straightening Length:				Bank Height:	
	Straightening Data:	N.D.				

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SGAT Version: 3

Reach: T2.06				<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	No Data
3.1	Alluvial Fan:	Yes		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts:	0			Berms & Roads:	
	Total Length:	0.000		6.2	Dev. Length:	0.0000 0.0000
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Corridor Development Data:	
					<u>Old</u>	<u>New</u>
	Data Armoring:	No Data		7.2	Bank Erosion:	
5.4	Straightening Length:				Bank Height:	
	Straightening Data:	N.D.				



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Reach: T2.07			<u>Step</u>	<u>Description</u>	<u>Value</u>
3.1	Alluvial Fan:	None	5.5	Dredging History:	No Data
3.2	Grade Control:	None	6.1	Berms & Roads Data:	None
5.2	# of Bridges or Culverts:	0		<u>One Side</u>	<u>Both Sides</u>
	Total Length:	0.000		Berms & Roads:	
5.3	Armoring Length	<u>Left</u> <u>Right</u>	6.2	Dev. Length:	0.0000 0.0000
	Data Armoring:	No Data		Corridor Development Data:	
5.4	Straightening Length:			<u>Old</u>	<u>New</u>
	Straightening Data:	N.D.	7.2	Bank Erosion:	
				Bank Height:	

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SGAT Version: 3

Reach: T1.2S2.01			<u>Step</u>	<u>Description</u>	<u>Value</u>
3.1	Alluvial Fan:	None	5.5	Dredging History:	No Data
3.2	Grade Control:	None	6.1	Berms & Roads Data:	
5.2	# of Bridges or Culverts:	1		<u>One Side</u>	<u>Both Sides</u>
	Total Length:	227.500		Berms & Roads:	357.0000
5.3	Armoring Length	<u>Left</u> <u>Right</u>	6.2	Dev. Length:	0.0000 0.0000
	Data Armoring:	None		Corridor Development Data:	
5.4	Straightening Length:	731.00000		<u>Old</u>	<u>New</u>
	Straightening Data:		7.2	Bank Erosion:	
				Bank Height:	



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Phase 1 - FIT - Legacy Data Report

Trout River Mouth

SGAT Version: 3

Reach: M1S2.01			<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>			
3.1	Alluvial Fan:	Yes	5.5	Dredging History:	
3.2	Grade Control:	None	6.1	Berms & Roads Data:	
5.2	# of Bridges or Culverts:	1		<u>One Side</u>	<u>Both Sides</u>
	Total Length:	0.000		Berms & Roads:	256.0000
5.3	Armoring Length	<u>Left</u> <u>Right</u>	6.2	Dev. Length:	98.0000 0.0000
	Data Armoring:	No Data		Corridor Development Data:	
5.4	Straightening Length:			<u>Old</u>	<u>New</u>
	Straightening Data:	N.D.	7.2	Bank Erosion:	
				Bank Height:	