



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
June, 21 2026

Phase 1 - FIT - Legacy Data Report

Blood Brook

SGAT Version: **4.53**

Reach: **M02**

<u>Step</u>	<u>Description</u>	<u>Value</u>
3.1	Alluvial Fan: None	
3.2	Grade Control: Ledge	
5.2	# of Bridges or Culverts: 0	
	Total Length: 0.000	
5.3	Armoring Length	<u>Left</u> <u>Right</u>
		311.250 274.710
		00 02
	Data Armoring:	
5.4	Straightening Length: 1602.69995	
	Straightening Data:	

<u>Step</u>	<u>Description</u>	<u>Value</u>
5.5	Dredging History:	Not Evaluated
6.1	Berms & Roads Data:	
		<u>One Side</u> <u>Both Sides</u>
	Berms & Roads: 1565.6200	0.0000
6.2	Dev. Length: 0.0000	0.0000
	Corridor Development Data:	
		<u>Old</u> <u>New</u>
7.2	Bank Erosion: None	0.0000000
	Bank Height: N.D.	0.000

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Blood Brook

SGAT Version: **4.53**

Reach: **M03**

<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: 1215.810	
5.3	Armoring Length	<u>Left</u> <u>Right</u>
		339.070 316.450
		01 01
	Data Armoring:	
5.4	Straightening Length: 2154.68994	
	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: 562.3800	0.0000
6.2	Dev. Length: 573.2500	1289.8700
	Corridor Development Data:	
		<u>Old</u> <u>New</u>
7.2	Bank Erosion: N.S.	1985.3699951
	Bank Height: Low	4.077



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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:	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:	2			Berms & Roads:	1971.7900 0.0000
	Total Length:	478.320		6.2	Dev. Length:	1057.8900 2989.8501
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Corridor Development Data:	
		566.549	903.489		<u>Old</u>	<u>New</u>
		99	99	7.2	Bank Erosion:	N.S. 1934.8499756
	Data Armoring:				Bank Height:	Low 3.393
5.4	Straightening Length:	4945.89014				
	Straightening Data:					

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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:	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:	3			Berms & Roads:	706.9700 119.3800
	Total Length:	1133.760		6.2	Dev. Length:	775.3400 206.3000
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Corridor Development Data:	
		735.989	313.329		<u>Old</u>	<u>New</u>
		99	99	7.2	Bank Erosion:	N.S. 1446.5300293
	Data Armoring:				Bank Height:	Low 4.293
5.4	Straightening Length:	3334.87012				
	Straightening Data:					



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Reach: M05-T3.01			<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>			
	3.1	Alluvial Fan: None	5.5	Dredging History:	None
	3.2	Grade Control: Weir	6.1	Berms & Roads Data:	
	5.2	# of Bridges or Culverts: 4		<u>One Side</u>	<u>Both Sides</u>
		Total Length: 1164.270		Berms & Roads: 3298.1702	0.0000
	5.3	Armoring Length	6.2	Dev. Length: 0.0000	1176.6400
		<u>Left</u>		Corridor Development Data:	
		356.239		<u>Old</u>	<u>New</u>
		99		7.2	Bank Erosion: N.S.
		448.120			667.9600220
		00			Bank Height: Medium
					5.889
		Data Armoring:			
	5.4	Straightening Length: 589.27002			
		Straightening Data:			

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Reach: M05-T3.02			<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>			
	3.1	Alluvial Fan: None	5.5	Dredging History:	None
	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: 87.660		Berms & Roads: 432.4100	0.0000
	5.3	Armoring Length	6.2	Dev. Length: 0.0000	395.9900
		<u>Left</u>		Corridor Development Data:	
		0.00000		<u>Old</u>	<u>New</u>
		0.00000		7.2	Bank Erosion: None
		Data Armoring: None			0.0000000
	5.4	Straightening Length: 0.00000			Bank Height: N.D.
		Straightening Data: None			0.000



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Reach: M05-T3.04			<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>			
	3.1	Alluvial Fan: None	5.5	Dredging History:	None
	3.2	Grade Control: Dam	6.1	Berms & Roads Data:	None
	5.2	# of Bridges or Culverts: 3		<u>One Side</u>	<u>Both Sides</u>
		Total Length: 71.420		Berms & Roads:	0.0000 0.0000
	5.3	Armoring Length	6.2	Dev. Length:	334.5200 218.9400
		<u>Left</u>		Corridor Development Data:	
		0.00000		<u>Old</u>	<u>New</u>
		<u>Right</u>	7.2	Bank Erosion:	N.S. 19.0799999
		27.2200		Bank Height:	Low 1.000
		0			
		Data Armoring:			
	5.4	Straightening Length: 0.00000			
		Straightening Data: None			

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Reach: M06			<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>			
	3.1	Alluvial Fan: None	5.5	Dredging History:	Dredging
	3.2	Grade Control: Ledge	6.1	Berms & Roads Data:	
	5.2	# of Bridges or Culverts: 6		<u>One Side</u>	<u>Both Sides</u>
		Total Length: 1626.140		Berms & Roads:	2123.0000 0.0000
	5.3	Armoring Length	6.2	Dev. Length:	826.6200 1213.8700
		<u>Left</u>		Corridor Development Data:	
		262.420		<u>Old</u>	<u>New</u>
		<u>Right</u>	7.2	Bank Erosion:	N.S. 648.0000000
		419.430		Bank Height:	Medium 5.156
		01			
		02			
		Data Armoring:			
	5.4	Straightening Length: 5381.62012			
		Straightening Data:			



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Blood Brook

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Reach: M07		<u>Step</u>	<u>Description</u>	<u>Value</u>
		5.5	Dredging History:	None
<u>Step</u>	<u>Description</u>	6.1	Berms & Roads Data:	
3.1	Alluvial Fan:			None
3.2	Grade Control:		<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts:		Berms & Roads:	1166.7700 0.0000
	Total Length:	6.2	Dev. Length:	1010.4400 231.8400
5.3	Armoring Length		Corridor Development Data:	
			<u>Old</u>	<u>New</u>
			7.2	Bank Erosion: N.S. 583.3300171
	Data Armoring:		Bank Height:	Low 4.522
5.4	Straightening Length:			
	Straightening Data:			

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Reach: M07-T4.01		<u>Step</u>	<u>Description</u>	<u>Value</u>
		5.5	Dredging History:	Not Evaluated
<u>Step</u>	<u>Description</u>	6.1	Berms & Roads Data:	None
3.1	Alluvial Fan:		<u>One Side</u>	<u>Both Sides</u>
3.2	Grade Control:		Berms & Roads:	0.0000 0.0000
5.2	# of Bridges or Culverts:	6.2	Dev. Length:	0.0000 125.4600
	Total Length:		Corridor Development Data:	
5.3	Armoring Length		<u>Old</u>	<u>New</u>
			7.2	Bank Erosion: None 0.0000000
	Data Armoring:		Bank Height:	N.D. 0.000
5.4	Straightening Length:			
	Straightening Data:			



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Reach: M07-T4.02			<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>			
3.1	Alluvial Fan:	None	5.5	Dredging History:	Not Evaluated
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:	220.370		Berms & Roads:	0.0000 0.0000
5.3	Armoring Length	<u>Left</u> <u>Right</u>	6.2	Dev. Length:	0.0000 198.9400
		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:	None 0.0000000
	Straightening Data:	None		Bank Height:	N.D. 0.000

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Reach: M07-T4.04			<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>			
3.1	Alluvial Fan:	None	5.5	Dredging History:	Not Evaluated
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:	None		Corridor Development Data:	
5.4	Straightening Length:			<u>Old</u>	<u>New</u>
	Straightening Data:	None	7.2	Bank Erosion:	None
				Bank Height:	Low



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Reach: M07-T4.05				<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	Not Evaluated
3.1	Alluvial Fan:	None		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:	
	Data Armoring:	None			<u>Old</u>	<u>New</u>
5.4	Straightening Length:			7.2	Bank Erosion:	None
	Straightening Data:	None			Bank Height:	Low

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Reach: M08				<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:	5			Berms & Roads:	3223.6699 72.8500
	Total Length:	509.050		6.2	Dev. Length:	235.5700 757.7300
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Corridor Development Data:	
		610.979	877.849		<u>Old</u>	<u>New</u>
		98	98	7.2	Bank Erosion:	N.S. 930.5000000
	Data Armoring:				Bank Height:	Low 3.064
5.4	Straightening Length:	4891.97998				
	Straightening Data:					



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Reach: M04-T2.03			<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	Not Evaluated
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:	633.9200
	Total Length:	0.000		Dev. Length:	0.0000
5.3	Armoring Length	<u>Left</u> <u>Right</u>	6.2	Corridor Development Data:	
		0.00000 0.00000		<u>Old</u>	<u>New</u>
	Data Armoring:	None	7.2	Bank Erosion:	None
5.4	Straightening Length:	0.00000		Bank Height:	0.0000000
	Straightening Data:	None			0.000

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Blood Brook

SGAT Version: **4.53**

Reach: M04-T2.05			<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	Not Evaluated
3.1	Alluvial Fan:	None	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
5.3	Armoring Length	<u>Left</u> <u>Right</u>		Corridor Development Data:	
				<u>Old</u>	<u>New</u>
	Data Armoring:	None	7.2	Bank Erosion:	None
5.4	Straightening Length:			Bank Height:	Low
	Straightening Data:	None			



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Reach: M04-T2.06			<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>			
3.1	Alluvial Fan:	None	5.5	Dredging History:	Not Evaluated
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:	0.0000 0.0000
5.3	Armoring Length	<u>Left</u> <u>Right</u>	6.2	Dev. Length:	0.0000 113.2700
		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:	None 0.0000000
	Straightening Data:	None		Bank Height:	N.D. 0.000

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Reach: M04-T2.07			<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>			
3.1	Alluvial Fan:	None	5.5	Dredging History:	Not Evaluated
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:	None		Corridor Development Data:	
5.4	Straightening Length:			<u>Old</u>	<u>New</u>
	Straightening Data:	None	7.2	Bank Erosion:	None
				Bank Height:	Low



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Reach: M04-T2.08				<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	Not Evaluated
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:	872.7500 0.0000
	Total Length:	194.130		6.2	Dev. Length:	0.0000 261.5800
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Corridor Development Data:	
		0.00000	0.00000		<u>Old</u>	<u>New</u>
	Data Armoring:	None		7.2	Bank Erosion:	None 0.0000000
5.4	Straightening Length:	0.00000			Bank Height:	N.D. 0.000
	Straightening Data:	None				

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SGAT Version: **4.53**

Reach: M04-T2.09				<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	Not Evaluated
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:	0.0000 0.0000
	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:	
		0.00000	0.00000		<u>Old</u>	<u>New</u>
	Data Armoring:	None		7.2	Bank Erosion:	None 0.0000000
5.4	Straightening Length:	0.00000			Bank Height:	N.D. 0.000
	Straightening Data:	None				



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Reach: M03-T1.01				<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:	2			Berms & Roads:	1327.1700 93.4700
	Total Length:	482.390		6.2	Dev. Length:	0.0000 983.8800
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Corridor Development Data:	
		42.2600	85.3400		<u>Old</u>	<u>New</u>
		0	0	7.2	Bank Erosion:	N.S. 35.1199989
	Data Armoring:				Bank Height:	Low 3.833
5.4	Straightening Length:	855.20001				
	Straightening Data:					

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Reach: M03-T1.02				<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:	Multiple			<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts:	5			Berms & Roads:	4785.4502 0.0000
	Total Length:	999.500		6.2	Dev. Length:	98.0500 839.2300
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Corridor Development Data:	
		294.640	175.430		<u>Old</u>	<u>New</u>
		01	01	7.2	Bank Erosion:	N.S. 500.4100037
	Data Armoring:				Bank Height:	Low 2.980
5.4	Straightening Length:	0.00000				
	Straightening Data:	None				



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Reach: M03-T1.03				<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>	<u>Value</u>			
3.1		Alluvial Fan: Yes		5.5	Dredging History:	None
3.2		Grade Control: Multiple		6.1	Berms & Roads Data:	
5.2	# of Bridges or Culverts: 9				<u>One Side</u>	<u>Both Sides</u>
	Total Length: 590.740				Berms & Roads: 4188.4102	0.0000
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	6.2	Dev. Length: 233.8500	225.3800
		0.00000	335.63000		Corridor Development Data:	
	Data Armoring:				<u>Old</u>	<u>New</u>
5.4	Straightening Length: 0.00000			7.2	Bank Erosion: Low	78.5950012
	Straightening Data: None				Bank Height: Low	4.339