



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
April, 08 2026

Phase 1 - FIT - Legacy Data Report

Blood Brook

SGAT Version: **4.53**

Reach: M02				<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: Ledge			<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts:	0			Berms & Roads:	1565.6200 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:	
		311.250	274.710		<u>Old</u>	<u>New</u>
		00	02	7.2	Bank Erosion:	None 0.0000000
	Data Armoring:				Bank Height:	N.D. 0.000
5.4	Straightening Length:	1602.69995				
	Straightening Data:					

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Reach: M03				<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:	3			Berms & Roads:	562.3800 0.0000
	Total Length:	1215.810		6.2	Dev. Length:	573.2500 1289.8700
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Corridor Development Data:	
		339.070	316.450		<u>Old</u>	<u>New</u>
		01	01	7.2	Bank Erosion:	N.S. 1985.3699951
	Data Armoring:				Bank Height:	Low 4.077
5.4	Straightening Length:	2154.68994				
	Straightening Data:					



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Reach: M04			<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:	None			
5.2	# of Bridges or Culverts:	2			
	Total Length:	478.320			
5.3	Armoring Length	<u>Left</u> <u>Right</u>			
		566.549 903.489			
		99 99			
	Data Armoring:				
5.4	Straightening Length:	4945.89014			
	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:	1971.7900	0.0000		
6.2	Dev. Length:	1057.8900	2989.8501		
	Corridor Development Data:				
			<u>Old</u>	<u>New</u>	
7.2	Bank Erosion:	N.S.	1934.8499756		
	Bank Height:	Low	3.393		

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Reach: M05			<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:	None			
5.2	# of Bridges or Culverts:	3			
	Total Length:	1133.760			
5.3	Armoring Length	<u>Left</u> <u>Right</u>			
		735.989 313.329			
		99 99			
	Data Armoring:				
5.4	Straightening Length:	3334.87012			
	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:	706.9700	119.3800		
6.2	Dev. Length:	775.3400	206.3000		
	Corridor Development Data:				
			<u>Old</u>	<u>New</u>	
7.2	Bank Erosion:	N.S.	1446.5300293		
	Bank Height:	Low	4.293		



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Reach: M05-T3.01			<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:	Weir			
5.2	# of Bridges or Culverts:	4			
	Total Length:	1164.270			
5.3	Armoring Length	<u>Left</u> <u>Right</u>			
		356.239 448.120			
		99 00			
	Data Armoring:				
5.4	Straightening Length:	589.27002			
	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:	3298.1702	0.0000		
6.2	Dev. Length:	0.0000	1176.6400		
	Corridor Development Data:				
			<u>Old</u>	<u>New</u>	
7.2	Bank Erosion:	N.S.	667.9600220		
	Bank Height:	Medium	5.889		

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Reach: M05-T3.02			<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:	None			
5.2	# of Bridges or Culverts:	1			
	Total Length:	87.660			
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:	None			
6.1	Berms & Roads Data:				
			<u>One Side</u>	<u>Both Sides</u>	
	Berms & Roads:	432.4100	0.0000		
6.2	Dev. Length:	0.0000	395.9900		
	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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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	<u>Left</u> <u>Right</u>	6.2	Dev. Length:	334.5200 218.9400
		0.00000 27.2200		Corridor Development Data:	
		0		<u>Old</u>	<u>New</u>
	Data Armoring:		7.2	Bank Erosion:	N.S. 19.0799999
5.4	Straightening Length:	0.00000		Bank Height:	Low 1.000
	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	<u>Left</u> <u>Right</u>	6.2	Dev. Length:	826.6200 1213.8700
		262.420 419.430		Corridor Development Data:	
		01 02		<u>Old</u>	<u>New</u>
	Data Armoring:		7.2	Bank Erosion:	N.S. 648.0000000
5.4	Straightening Length:	5381.62012		Bank Height:	Medium 5.156
	Straightening Data:				



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Reach: M07				<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:	1			Berms & Roads:	1166.7700 0.0000
	Total Length:	96.370		6.2	Dev. Length:	1010.4400 231.8400
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Corridor Development Data:	
		47.8600	1206.88		<u>Old</u>	<u>New</u>
		0	000	7.2	Bank Erosion:	N.S. 583.3300171
	Data Armoring:				Bank Height:	Low 4.522
5.4	Straightening Length:	4379.87988				
	Straightening Data:					

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Reach: M07-T4.01				<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:	0.0000 0.0000
	Total Length:	0.000		6.2	Dev. Length:	0.0000 125.4600
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: M07-T4.02			<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:	1		Berms & Roads:	0.0000 0.0000
	Total Length:	220.370	6.2	Dev. Length:	0.0000 198.9400
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: M07-T4.04			<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:	
				<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: 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	6.2	Dev. Length:	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
5.4	Straightening Length:	0.00000		Bank Height:	0.0000000
	Straightening Data:	None			0.000

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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:	
	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: M04-T2.06			<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</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>	<u>Value</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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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