



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
June, 24 2024

Phase 1 - FIT - Legacy Data Report

Deer Brook

SGAT Version: **4.53**

Reach: M01				<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:	0			Berms & Roads:	0.0000 0.0000
	Total Length:	0.0000		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:	N.S. 296.1400146
5.4	Straightening Length:	0.00000			Bank Height:	Low 4.702
	Straightening Data:	None				

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Reach: M1S1.01				<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	
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:	
	Total Length:			6.2	Dev. Length:	
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:	
5.4	Straightening Length:				Bank Height:	
	Straightening Data:					



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Reach: M1S1.1S1.01				<u>Step</u>	<u>Description</u>	<u>Value</u>	
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:		
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:		
		Total Length:		6.2	Dev. Length:		
5.3	Armoring Length				Corridor Development Data:		
		<u>Left</u>	<u>Right</u>			<u>Old</u>	<u>New</u>
		Data Armoring:		7.2	Bank Erosion:		
5.4	Straightening Length:				Bank Height:		
		Straightening Data:					

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Reach: M1S1.02				<u>Step</u>	<u>Description</u>	<u>Value</u>	
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:		
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:		
		Total Length:		6.2	Dev. Length:		
5.3	Armoring Length				Corridor Development Data:		
		<u>Left</u>	<u>Right</u>			<u>Old</u>	<u>New</u>
		Data Armoring:		7.2	Bank Erosion:		
5.4	Straightening Length:				Bank Height:		
		Straightening Data:					



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Reach: M1S1.03				<u>Step</u>	<u>Description</u>	<u>Value</u>	
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:		
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:		
		Total Length:		6.2	Dev. Length:		
5.3	Armoring Length				Corridor Development Data:		
			<u>Left</u>			<u>Old</u>	<u>New</u>
		Data Armoring:		7.2	Bank Erosion:		
5.4	Straightening Length:				Bank Height:		
		Straightening Data:					

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SGAT Version: **4.53**

Reach: M1S1.1S2.01				<u>Step</u>	<u>Description</u>	<u>Value</u>	
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:		
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:		
		Total Length:		6.2	Dev. Length:		
5.3	Armoring Length				Corridor Development Data:		
			<u>Left</u>			<u>Old</u>	<u>New</u>
		Data Armoring:		7.2	Bank Erosion:		
5.4	Straightening Length:				Bank Height:		
		Straightening Data:					



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Reach: M02			<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: 0		<u>One Side</u>	<u>Both Sides</u>
		Total Length: 0.000		Berms & Roads: 0.0000	0.0000
	5.3	Armoring Length	6.2	Dev. Length: 0.0000	0.0000
		<u>Left</u>		Corridor Development Data:	
		0.00000		<u>Old</u>	<u>New</u>
		<u>Right</u>	7.2	Bank Erosion: N.S.	849.7500000
		51.6500		Bank Height: Medium	6.436
		0			
		Data Armoring:			
	5.4	Straightening Length: 0.00000			
		Straightening Data: None			

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Reach: M03			<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: Multiple	6.1	Berms & Roads Data:	
	5.2	# of Bridges or Culverts: 3		<u>One Side</u>	<u>Both Sides</u>
		Total Length: 549.120		Berms & Roads: 176.6400	572.5100
	5.3	Armoring Length	6.2	Dev. Length: 0.0000	0.0000
		<u>Left</u>		Corridor Development Data:	
		0.00000		<u>Old</u>	<u>New</u>
		<u>Right</u>	7.2	Bank Erosion: N.S.	14.2799997
		87.9200		Bank Height: Low	3.000
		0			
		Data Armoring:			
	5.4	Straightening Length: 1115.09998			
		Straightening Data:			



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Reach: M3S1.01				<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	
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:	
	Total Length:			6.2	Dev. Length:	
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:	
	Straightening Data:				Bank Height:	

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Reach: M3S2.01				<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	
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:	
	Total Length:			6.2	Dev. Length:	
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:	
	Straightening Data:				Bank Height:	



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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:	
3.2	Grade Control:		<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts:		Berms & Roads:	155.6200 27.4800
	Total Length:	6.2	Dev. Length:	0.0000 0.0000
5.3	Armoring Length		Corridor Development Data:	
			<u>Old</u>	<u>New</u>
		7.2	Bank Erosion:	N.S. 119.0999985
	Data Armoring:		Bank Height:	Low 3.606
5.4	Straightening Length:			
	Straightening Data:			

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SGAT Version: **4.53**

Reach: M5S1.01		<u>Step</u>	<u>Description</u>	<u>Value</u>
		5.5	Dredging History:	
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:	
	Total Length:	6.2	Dev. Length:	
5.3	Armoring Length		Corridor Development Data:	
			<u>Old</u>	<u>New</u>
	Data Armoring:	7.2	Bank Erosion:	
5.4	Straightening Length:		Bank Height:	
	Straightening Data:			



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Reach: M5S3.01			<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:	None	6.1	Berms & Roads Data:	
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 0.0000
		0.00000 0.00000		Corridor Development Data:	
	Data Armoring:	None		<u>Old</u>	<u>New</u>
5.4	Straightening Length:	445.94000	7.2	Bank Erosion:	N.S. 68.5199966
	Straightening Data:			Bank Height:	Low 3.412

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Reach: M5S3.02			<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>			
3.1	Alluvial Fan:		5.5	Dredging History:	
3.2	Grade Control:		6.1	Berms & Roads Data:	
5.2	# of Bridges or Culverts:			<u>One Side</u>	<u>Both Sides</u>
	Total Length:			Berms & Roads:	
5.3	Armoring Length	<u>Left</u> <u>Right</u>	6.2	Dev. Length:	
	Data Armoring:			Corridor Development Data:	
5.4	Straightening Length:			<u>Old</u>	<u>New</u>
	Straightening Data:		7.2	Bank Erosion:	
				Bank Height:	



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Reach: M5S3.2S1.01				<u>Step</u>	<u>Description</u>	<u>Value</u>	
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:		
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:		
		Total Length:		6.2	Dev. Length:		
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:		
5.4	Straightening Length:				Bank Height:		
	Straightening Data:						

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Reach: M06				<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:	4			Berms & Roads:	227.3600	0.0000
		Total Length:	181.480	6.2	Dev. Length:	0.0000	151.2300
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:	None	0.0000000
5.4	Straightening Length:	3522.66992			Bank Height:	N.D.	0.000
	Straightening Data:						



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Reach: M5S2.01				<u>Step</u>	<u>Description</u>	<u>Value</u>	
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:		
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:		
	Total Length:			6.2	Dev. Length:		
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:		
	Straightening Data:				Bank Height:		

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SGAT Version: **4.53**

Reach: M5S2.1S1.01				<u>Step</u>	<u>Description</u>	<u>Value</u>	
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:		
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:		
	Total Length:			6.2	Dev. Length:		
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:		
	Straightening Data:				Bank Height:		



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SGAT Version: **4.53**

Reach: M4S3.01				<u>Step</u>	<u>Description</u>	<u>Value</u>	
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:		
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:		
	Total Length:			6.2	Dev. Length:		
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:		
	Straightening Data:				Bank Height:		

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SGAT Version: **4.53**

Reach: M4S2.01				<u>Step</u>	<u>Description</u>	<u>Value</u>	
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:		
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:		
	Total Length:			6.2	Dev. Length:		
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:		
	Straightening Data:				Bank Height:		



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Reach: M4S1.01				<u>Step</u>	<u>Description</u>	<u>Value</u>	
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:		
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:		
	Total Length:			6.2	Dev. Length:		
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:		
	Straightening Data:				Bank Height:		

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SGAT Version: **4.53**

Reach: M3S6.01				<u>Step</u>	<u>Description</u>	<u>Value</u>	
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:		
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:		
	Total Length:			6.2	Dev. Length:		
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:		
	Straightening Data:				Bank Height:		



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Reach: M3S5.01				<u>Step</u>	<u>Description</u>	<u>Value</u>	
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:		
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:		
		Total Length:		6.2	Dev. Length:		
5.3	Armoring Length				Corridor Development Data:		
			<u>Left</u>			<u>Old</u>	<u>New</u>
		Data Armoring:		7.2	Bank Erosion:		
5.4	Straightening Length:				Bank Height:		
		Straightening Data:					

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Reach: M3S4.01				<u>Step</u>	<u>Description</u>	<u>Value</u>	
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:		
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:		
		Total Length:		6.2	Dev. Length:		
5.3	Armoring Length				Corridor Development Data:		
			<u>Left</u>			<u>Old</u>	<u>New</u>
		Data Armoring:		7.2	Bank Erosion:		
5.4	Straightening Length:				Bank Height:		
		Straightening Data:					



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Reach: M3S3.01				<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	
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:	
	Total Length:			6.2	Dev. Length:	
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:	
	Straightening Data:				Bank Height:	