



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
November, 22 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	<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: 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	<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: 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>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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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>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: M02			<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:	0			
	Total Length:	0.000			
5.3	Armoring Length	<u>Left</u> <u>Right</u>			
		0.00000 51.6500			
		0			
	Data Armoring:				
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:	0.0000	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.	849.7500000	
		Bank Height:	Medium	6.436	

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



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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:	
				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: 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>
		12.2400	14.2300	7.2	Bank Erosion:	None	0.0000000
	Data Armoring:	0	0		Bank Height:	N.D.	0.000
5.4	Straightening Length:	3522.66992					
	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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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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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	<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: 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	<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: 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:	