



Stream Geomorphic Assessment

Agency of Natural Resources

VT DEC

Vermont.gov
May, 20 2024

Phase 1 - FIT - Legacy Data Report

Smith Creek

SGAT Version: 4.56

Reach: **M01**

<u>Step</u>	<u>Description</u>	<u>Value</u>
3.1	Alluvial Fan:	None
3.2	Grade Control:	None
4.3	Buffer Less Than 25 ft	<u>Left</u> <u>Right</u> 0 0
5.1	Flow Regulation - Type:	None
	Use:	
5.2	# of Bridges or Culverts:	1
	Total Length:	60.000
5.3	Armoring Length	<u>Left</u> <u>Right</u> 33.3000 73.9900 0 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
	Berm:	0.0000 0.0000
	Path:	0.000 0.000
	Road:	0.0000 0.00000
	Railroad:	0.0000 0.00
6.2	Corridor Development Data:	
	Length:	0.0000 0.0000
6.4	Miander Migration:	Not Evaluated
		<u>Old</u> <u>New</u>
7.2	Bank Erosion:	None 588.3699951
	Bank Height:	N.D. 3.068

Reach: **M02**

<u>Step</u>	<u>Description</u>	<u>Value</u>
3.1	Alluvial Fan:	None
3.2	Grade Control:	None
4.3	Buffer Less Than 25 ft	<u>Left</u> <u>Right</u> 0 0
5.1	Flow Regulation - Type:	None
	Use:	
5.2	# of Bridges or Culverts:	1
	Total Length:	60.000
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:	0.0000 0.0000
	Berm:	0.0000 0.0000
	Path:	0.000 0.000
	Road:	0.0000 0.00000
	Railroad:	0.0000 0.00
6.2	Corridor Development Data:	
	Length:	757.2200 0.0000
6.4	Miander Migration:	Multiple
		<u>Old</u> <u>New</u>
7.2	Bank Erosion:	None 747.2100220
	Bank Height:	N.D. 3.207



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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:	None				<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	0.0000	0.0000	
		0	0	Berm:			
5.1	Flow Regulation - Type:	None		Path:			
	Use:			Road:			
5.2	# of Bridges or Culverts:	3		Railroad:			
	Total Length:	0.000		6.2	Corridor Development Data:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	0.0000	0.0000	
		0.00000	0.00000	6.4	Miander Migration:	Migration	
	Data Armoring:	None				<u>Old</u>	<u>New</u>
5.4	Straightening Length:	534.88995		7.2	Bank Erosion:	None	0.0000000
	Straightening Data:			Bank Height:	N.D.	0.000	

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>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	0.0000	0.0000	
		390	390	Berm:			
5.1	Flow Regulation - Type:	None		Path:			
	Use:			Road:			
5.2	# of Bridges or Culverts:	2		Railroad:			
	Total Length:	0.000		6.2	Corridor Development Data:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	147.3000	0.0000	
		0.00000	0.00000	6.4	Miander Migration:	None	
	Data Armoring:	None				<u>Old</u>	<u>New</u>
5.4	Straightening Length:	716.97998		7.2	Bank Erosion:	None	0.0000000
	Straightening Data:			Bank Height:	N.D.	0.000	



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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>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	0.0000	0.0000	
		0	0	Berm:			
5.1	Flow Regulation - Type:	None		Path:			
	Use:			Road:			
5.2	# of Bridges or Culverts:	0		Railroad:			
	Total Length:	0.000		6.2	Corridor Development Data:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	109.1000	0.0000	
		0.00000	0.00000	6.4	Miander Migration:	None	
	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

Reach: T2.01				<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:	None			<u>One Side</u>	<u>Both Sides</u>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	369.7100	0.0000	
		0	0	Berm:			
5.1	Flow Regulation - Type:	None		Path:			
	Use:			Road:	369.7100		
5.2	# of Bridges or Culverts:	2		Railroad:			
	Total Length:	0.000		6.2	Corridor Development Data:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	382.8100	0.0000	
		0.00000	0.00000	6.4	Miander Migration:	None	
	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: T2.02				<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:	None				<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	0.0000	0.0000
		0	0		Berm:		
5.1	Flow Regulation - Type:	None			Path:		
	Use:				Road:		
5.2	# of Bridges or Culverts:	0			Railroad:		
	Total Length:	0.000		6.2	Corridor Development Data:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	222.4500	0.0000
		0.00000	0.00000	6.4	Miander Migration:	None	
	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

Reach: T2.01.S1.01				<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:	None				<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	1068.5000	0.0000
		0	0		Berm:		
5.1	Flow Regulation - Type:	None			Path:		
	Use:				Road:	1068.5000	
5.2	# of Bridges or Culverts:	1			Railroad:		
	Total Length:	0.000		6.2	Corridor Development Data:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	0.0000	0.0000
		0.00000	0.00000	6.4	Miander Migration:	None	
	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: 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:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
		0	0		Berm:	
5.1	Flow Regulation - Type:	None			Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:				Railroad:	
	Total Length:			6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	
	Data Armoring:			6.4	Miander Migration:	Migration
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:			7.2	Bank Erosion:	None
					Bank Height:	N.D.

Reach: 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:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	0.0000 0.0000
		733	733		Berm:	
5.1	Flow Regulation - Type:	Small Run of River			Path:	
	Use:	Other			Road:	
5.2	# of Bridges or Culverts:	1			Railroad:	
	Total Length:	0.000		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	189.9800 0.0000
		0.00000	0.00000	6.4	Miander Migration:	Migration
	Data Armoring:	None			<u>Old</u>	<u>New</u>
5.4	Straightening Length:	1396.57007		7.2	Bank Erosion:	None 0.0000000
	Straightening Data:				Bank Height:	N.D. 0.000