



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
July, 17 2024

Phase 1 - FIT - Legacy Data Report

Dishmill Brook

SGAT Version: **4.56**

Reach: **M101**

<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:	Dredging	
3.2	Grade Control:	Ledge		6.1	Berms & Roads Data:		
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>			<u>One Side</u>	<u>Both Sides</u>
		912	714		Berms & Roads:	267.6388	381.6062
5.1	Flow Regulation - Type:	None			Berm:	267.6388	381.6062
	Use:				Path:	0.000	0.000
5.2	# of Bridges or Culverts:	2			Road:	0.0000	0.00000
	Total Length:	52.000			Railroad:	0.0000	0.00
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	6.2	Corridor Development Data:		
		204.671	1162.00		Length:	929.9474	529.4413
		94	000	6.4	Miander Migration:	Flood Chute	
	Data Armoring:					<u>Old</u>	<u>New</u>
5.4	Straightening Length:	1644.16980		7.2	Bank Erosion:	None	518.5828247
	Straightening Data:				Bank Height:	N.D.	3.647



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
July, 17 2024

Reach: **M102**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	None	
3.2	Grade Control:	Ledge	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		628	401
5.1	Flow Regulation - Type:	None	
	Use:		
5.2	# of Bridges or Culverts:	3	
	Total Length:	430.000	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
		703.442	679.318
		08	97
	Data Armoring:		
5.4	Straightening Length:	504.21066	
	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:	491.8267	0.0000
	Berm:	0.0000	0.0000
	Path:	0.000	0.000
	Road:	491.8267	0.00000
	Railroad:	0.0000	0.00
6.2	Corridor Development Data:		
	Length:	150.3892	143.6923
6.4	Miander Migration:	Multiple	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	None	611.7902222
	Bank Height:	N.D.	3.831

Reach: **M103**

<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>
		177	127
5.1	Flow Regulation - Type:	None	
	Use:		
5.2	# of Bridges or Culverts:	1	
	Total Length:	70.000	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
		488.660	448.672
		19	52
	Data Armoring:		
5.4	Straightening Length:	396.17245	
	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:	1656.6492	0.0000
	Berm:	0.0000	0.0000
	Path:	0.000	0.000
	Road:	1656.6492	0.00000
	Railroad:	0.0000	0.00
6.2	Corridor Development Data:		
	Length:	0.0000	0.0000
6.4	Miander Migration:		
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	None	103.8296051
	Bank Height:	N.D.	3.058



Stream Geomorphic Assessment

Agency of Natural Resources

VT DEC

Vermont.gov
July, 17 2024

Reach: **M104**

<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>
		47	86
5.1	Flow Regulation - Type:	None	
	Use:		
5.2	# of Bridges or Culverts:	1	
	Total Length:	85.000	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
		120.458	69.2065
		38	6
	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:	71.6321	0.0000
6.4	Miander Migration:	Multiple	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	None	261.3244019
	Bank Height:	N.D.	2.924

Reach: **T1.01**

<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:	2	
	Total Length:	200.000	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
		63.6634	90.9311
		5	4
	Data Armoring:		
5.4	Straightening Length:	235.86517	
	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:	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:	Flood Chute	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	None	181.6767273
	Bank Height:	N.D.	1.547



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
July, 17 2024

Reach: **T1.02**

<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:	2	
	Total Length:	2.000	
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:	None	
		<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:	585.7600	0.0000
6.4	Miander Migration:		
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	None	0.0000000
	Bank Height:	N.D.	0.000

Reach: **T1.03**

<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:	0	
	Total Length:	0.000	
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:	79.3000	0.0000
	Berm:	0.0000	0.0000
	Path:	0.000	0.000
	Road:	79.3000	0.00000
	Railroad:	0.0000	0.00
6.2	Corridor Development Data:		
	Length:	0.0000	0.0000
6.4	Miander Migration:		
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	None	0.0000000
	Bank Height:	N.D.	0.000



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
July, 17 2024

Reach: **T1.04**

<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:	0	
	Total Length:	0.000	
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:	553.3000	0.0000
	Berm:	0.0000	0.0000
	Path:	0.000	0.000
	Road:	553.3000	0.00000
	Railroad:	0.0000	0.00
6.2	Corridor Development Data:		
	Length:	1355.2700	0.0000
6.4	Miander Migration:	<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	None	0.0000000
	Bank Height:	N.D.	0.000

Reach: **T2.01**

<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:	1.000	
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:	335.1600	0.0000
	Berm:	0.0000	0.0000
	Path:	0.000	0.000
	Road:	335.1600	0.00000
	Railroad:	0.0000	0.00
6.2	Corridor Development Data:		
	Length:	310.1700	0.0000
6.4	Miander Migration:	<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	None	0.0000000
	Bank Height:	N.D.	0.000



Stream Geomorphic Assessment

Agency of Natural Resources

VT DEC

Vermont.gov
July, 17 2024

Reach: **M105**

<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>
		76	0
5.1	Flow Regulation - Type:	Small Bypass	
	Use:	Recreation	
5.2	# of Bridges or Culverts:	1	
	Total Length:	30.000	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
		30.9645	8.91631
		1	
	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:	775.7764	0.0000
	Berm:	0.0000	0.0000
	Path:	0.000	0.000
	Road:	775.7764	0.00000
	Railroad:	0.0000	0.00
6.2	Corridor Development Data:		
	Length:	0.0000	0.0000
6.4	Miander Migration:	Multiple	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	None	729.2828979
	Bank Height:	N.D.	4.843

Reach: **T3.01**

<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:	2	
	Total Length:	2.000	
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:	733.7300	0.0000
	Berm:	0.0000	0.0000
	Path:	0.000	0.000
	Road:	733.7300	0.00000
	Railroad:	0.0000	0.00
6.2	Corridor Development Data:		
	Length:	627.7300	0.0000
6.4	Miander Migration:		
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	None	0.0000000
	Bank Height:	N.D.	0.000



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
July, 17 2024

Reach: **T3.02**

<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:	0	
	Total Length:	0.000	
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:	1248.0900	0.0000
	Berm:	0.0000	0.0000
	Path:	0.000	0.000
	Road:	1248.0900	0.00000
	Railroad:	0.0000	0.00
6.2	Corridor Development Data:		
	Length:	0.0000	0.0000
6.4	Miander Migration:	<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	None	0.0000000
	Bank Height:	N.D.	0.000

Reach: **M106**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	None	
3.2	Grade Control:	No Data	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
5.1	Flow Regulation - Type:		
	Use:		
5.2	# of Bridges or Culverts:		
	Total Length:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
	Data Armoring:		
5.4	Straightening Length:		
	Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:		
6.1	Berms & Roads Data:	<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:		
	Berm:		
	Path:		
	Road:		
	Railroad:		
6.2	Corridor Development Data:	None	
	Length:		
6.4	Miander Migration:	<u>Old</u>	<u>New</u>
7.2	Bank Erosion:		
	Bank Height:		



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
July, 17 2024

Reach: **T4.01**

<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:	0	
	Total Length:	0.000	
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:	61.4400	0.0000
6.4	Miander Migration:	<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	None	0.0000000
	Bank Height:	N.D.	0.000

Reach: **T4.02**

<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:	1.000	
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:	0.0000	325.8800
6.4	Miander Migration:	<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	None	0.0000000
	Bank Height:	N.D.	0.000



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
July, 17 2024

Reach: **T4.03**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	None	
3.2	Grade Control:	Not Evaluated	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
5.1	Flow Regulation - Type: Use:		
5.2	# of Bridges or Culverts: Total Length:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
	Data Armoring:	Not Evaluated	
5.4	Straightening Length: Straightening Data:	None	

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	None	
6.1	Berms & Roads Data:	None	
		<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:		
	Berm:		
	Path:		
	Road:		
	Railroad:		
6.2	Corridor Development Data:	None	
	Length:		
6.4	Miander Migration:		
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:		
	Bank Height:		

Reach: **M107**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	None	
3.2	Grade Control:	No Data	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
5.1	Flow Regulation - Type: Use:		
5.2	# of Bridges or Culverts: Total Length:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
	Data Armoring:		
5.4	Straightening Length: Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:		
6.1	Berms & Roads Data:	None	
		<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:		
	Berm:		
	Path:		
	Road:		
	Railroad:		
6.2	Corridor Development Data:	None	
	Length:		
6.4	Miander Migration:		
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:		
	Bank Height:		