



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
July, 17 2024

Phase 1 - FIT - Legacy Data Report

Hoosic

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	1581
5.1	Flow Regulation - Type:	None	
	Use:		
5.2	# of Bridges or Culverts:	1	
	Total Length:	218.000	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
		158.640	1821.45
		00	996
	Data Armoring:		
5.4	Straightening Length:	598.46002	
	Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	Not Evaluated	
6.1	Berms & Roads Data:	<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	4282.5801	0.0000
	Berm:	0.0000	0.0000
	Path:	0.000	0.000
	Road:	1960.5300	0.00000
	Railroad:	2322.0500	0.00
6.2	Corridor Development Data:		
	Length:	1717.6899	0.0000
6.4	Miander Migration:	Flood Chute	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	None	0.0000000
	Bank Height:	N.D.	0.000

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	170
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:	2431.23999	
	Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	Dredging	
6.1	Berms & Roads Data:	<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	5263.7300	665.2100
	Berm:	2253.0701	0.0000
	Path:	0.000	0.000
	Road:	0.0000	665.21002
	Railroad:	3010.6599	0.00
6.2	Corridor Development Data:		
	Length:	0.0000	896.1300
6.4	Miander Migration:		
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	None	0.0000000
	Bank Height:	N.D.	0.000



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Reach: **M03**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	None	
3.2	Grade Control:	Dam	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		0	2374
5.1	Flow Regulation - Type:	None	
	Use:		
5.2	# of Bridges or Culverts:	2	
	Total Length:	520.000	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
		120.930	3006.37
		00	988
	Data Armoring:		
5.4	Straightening Length:	4251.64990	
	Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	Not Evaluated	
6.1	Berms & Roads Data:		
		<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	8353.3799	953.9800
	Berm:	0.0000	0.0000
	Path:	0.000	0.000
	Road:	3498.3501	953.97998
	Railroad:	4855.0303	0.00
6.2	Corridor Development Data:		
	Length:	0.0000	2662.2600
6.4	Miander Migration:	Flood Chute	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	None	0.0000000
	Bank Height:	N.D.	0.000

Reach: **M04**

<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>
		164	1119
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>
		35.2300	463.810
		0	00
	Data Armoring:		
5.4	Straightening Length:	982.90002	
	Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	Not Evaluated	
6.1	Berms & Roads Data:		
		<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	5798.1899	0.0000
	Berm:	0.0000	0.0000
	Path:	0.000	0.000
	Road:	0.0000	0.00000
	Railroad:	5798.1899	0.00
6.2	Corridor Development Data:		
	Length:	1403.3199	0.0000
6.4	Miander Migration:	Flood Chute	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	None	935.6500244
	Bank Height:	N.D.	4.980



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Reach: **M05**

<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>
		397	0
5.1	Flow Regulation - Type:	None	
	Use:		
5.2	# of Bridges or Culverts:	1	
	Total Length:	178.000	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
		1228.70	55.2400
		007	0
	Data Armoring:		
5.4	Straightening Length:	7353.30029	
	Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	Not Evaluated	
6.1	Berms & Roads Data:	<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	2283.0300	2678.0701
	Berm:	0.0000	0.0000
	Path:	1200.010	0.000
	Road:	842.4800	2678.07007
	Railroad:	240.5400	0.00
6.2	Corridor Development Data:		
	Length:	7382.4897	1627.0500
6.4	Miander Migration:		
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	None	289.4899902
	Bank Height:	N.D.	12.000

Reach: **M06**

<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>
		707	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	911.150
			02
	Data Armoring:		
5.4	Straightening Length:	1215.79004	
	Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	Not Evaluated	
6.1	Berms & Roads Data:	<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	6951.4600	0.0000
	Berm:	0.0000	0.0000
	Path:	505.860	0.000
	Road:	2702.4099	0.00000
	Railroad:	3743.1899	0.00
6.2	Corridor Development Data:		
	Length:	1621.1100	0.0000
6.4	Miander Migration:	Flood Chute	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	None	1480.109985
	Bank Height:	N.D.	19.207