



Stream Geomorphic Assessment

Agency of Natural Resources

VT DEC

Vermont.gov
May, 20 2024

Phase 1 - FIT - Legacy Data Report

Lamoille LCRPC HUC2

SGAT Version: 3

Reach: **R14**

<u>Step</u>	<u>Description</u>	<u>Value</u>
3.1	Alluvial Fan:	None
3.2	Grade Control:	Waterfall
5.2	# of Bridges or Culverts:	1
	Total Length:	805.760
5.3	Armoring Length	<u>Left</u> <u>Right</u>
		1177.45 228.789
		996 99
	Data Armoring:	
5.4	Straightening Length:	2412.65991
	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:	8764.3799 307.0700
6.2	Dev. Length:	1841.2700 1044.9600
	Corridor Development Data:	
		<u>Old</u> <u>New</u>
7.2	Bank Erosion:	N.S. 1412.6699219
	Bank Height:	Low 3.394

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Reach: **R15**

<u>Step</u>	<u>Description</u>	<u>Value</u>
3.1	Alluvial Fan:	None
3.2	Grade Control:	Ledge
5.2	# of Bridges or Culverts:	2
	Total Length:	1893.180
5.3	Armoring Length	<u>Left</u> <u>Right</u>
		981.389 4138.27
		95 002
	Data Armoring:	
5.4	Straightening Length:	16257.91992
	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:	33614.128 0.0000
		9
6.2	Dev. Length:	6625.1699 285.8600
	Corridor Development Data:	
		<u>Old</u> <u>New</u>
7.2	Bank Erosion:	N.S. 3979.3801270
	Bank Height:	Medium 5.525



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Reach: R16			<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:	1		<u>One Side</u>	<u>Both Sides</u>
	Total Length:	2569.750		Berms & Roads:	0.0000 3403.7700
5.3	Armoring Length	<u>Left</u> <u>Right</u>	6.2	Dev. Length:	2743.6299 150.8800
		0.00000 206.179		Corridor Development Data:	
	Data Armoring:			<u>Old</u> <u>New</u>	
5.4	Straightening Length:	2469.26001	7.2	Bank Erosion:	N.S. 1410.1600342
	Straightening Data:			Bank Height:	Medium 6.304

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Reach: R18			<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:	1		<u>One Side</u>	<u>Both Sides</u>
	Total Length:	1635.920		Berms & Roads:	27546.859 2898.8499
5.3	Armoring Length	<u>Left</u> <u>Right</u>		4	
		3871.64 2375.62	6.2	Dev. Length:	7016.7300 4509.8799
		990 012		Corridor Development Data:	
	Data Armoring:			<u>Old</u> <u>New</u>	
5.4	Straightening Length:	13563.87891	7.2	Bank Erosion:	N.S. 19898.689453
	Straightening Data:			1	
				Bank Height:	Medium 6.399



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Reach: **R19**

<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>
		922.420 2594.00
		04 000
	Data Armoring:	
5.4	Straightening Length:	9028.44043
	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:	20106.990 0.0000
		2
6.2	Dev. Length:	3857.4500 0.0000
	Corridor Development Data:	
		<u>Old</u> <u>New</u>
7.2	Bank Erosion:	Low 11681.679687
		5
	Bank Height:	Medium 6.900

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Reach: **R20**

<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:	2
	Total Length:	534.610
5.3	Armoring Length	<u>Left</u> <u>Right</u>
		1013.52 1211.48
		002 999
	Data Armoring:	
5.4	Straightening Length:	3673.25000
	Straightening Data:	

<u>Step</u>	<u>Description</u>	<u>Value</u>
5.5	Dredging History:	Gravel Mining
6.1	Berms & Roads Data:	
		<u>One Side</u> <u>Both Sides</u>
	Berms & Roads:	7651.4800 0.0000
6.2	Dev. Length:	3076.1001 319.0600
	Corridor Development Data:	
		<u>Old</u> <u>New</u>
7.2	Bank Erosion:	N.S. 4226.7001953
	Bank Height:	Medium 6.071



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Reach: **R21**

<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:	1
Total Length: 389.520		
5.3	Armoring Length	<u>Left</u> <u>Right</u>
		1040.27 1495.69
		002 006
Data Armoring:		
5.4	Straightening Length:	5135.66992
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:	20238.109 0.0000
		4
6.2	Dev. Length:	5856.8198 0.0000
Corridor Development Data:		
		<u>Old</u> <u>New</u>
7.2	Bank Erosion:	N.S. 7822.0200195
	Bank Height:	Medium 7.159

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Reach: **R22**

<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:	4
Total Length: 3346.860		
5.3	Armoring Length	<u>Left</u> <u>Right</u>
		1977.37 2305.11
		000 987
Data Armoring:		
5.4	Straightening Length:	3268.25000
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:	18593.349 3131.7300
		6
6.2	Dev. Length:	4903.2500 2288.1899
Corridor Development Data:		
		<u>Old</u> <u>New</u>
7.2	Bank Erosion:	N.S. 4526.8500977
	Bank Height:	Medium 6.144



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Reach: R23			<u>Step</u>	<u>Description</u>	<u>Value</u>
3.1	Alluvial Fan:	None	5.5	Dredging History:	Dredging
3.2	Grade Control:	Dam	6.1	Berms & Roads Data:	
5.2	# of Bridges or Culverts:	5		<u>One Side</u>	<u>Both Sides</u>
	Total Length:	1443.030		Berms & Roads:	38274.718
5.3	Armoring Length	<u>Left</u> <u>Right</u>			1707.7100
		1001.37 2163.68	6.2	Dev. Length:	9637.6699
		000 994		Corridor Development Data:	783.4700
	Data Armoring:			<u>Old</u>	<u>New</u>
5.4	Straightening Length:	20616.75000	7.2	Bank Erosion:	N.S.
	Straightening Data:				16036.520507
				Bank Height:	Medium
					7.887