



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
July, 17 2024

## Phase 1 - FIT - Legacy Data Report

## Lamoille LCRPC

SGAT Version: 3

Reach: **R08**

<u>Step</u>	<u>Description</u>	<u>Value</u>
3.1	Alluvial Fan:	<b>None</b>
3.2	Grade Control:	<b>None</b>
5.2	# of Bridges or Culverts:	<b>2</b>
Total Length: <b>2338.040</b>		
5.3	Armoring Length	<u>Left</u> <u>Right</u>
		<b>4455.60    3314.62</b>
		<b>010        988</b>
Data Armoring:		
5.4	Straightening Length:	<b>13060.90039</b>
Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>
5.5	Dredging History:	<b>None</b>
6.1	Berms & Roads Data:	
		<u>One Side</u> <u>Both Sides</u>
	Berms & Roads:	<b>12490.210    5562.7900</b>
		<b>0</b>
6.2	Dev. Length:	<b>7900.0400    4122.3101</b>
Corridor Development Data:		
		<u>Old</u> <u>New</u>
7.2	Bank Erosion:	<b>N.S.    11673.839843</b>
		<b>8</b>
	Bank Height:	<b>Medium    5.851</b>

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Reach: **R09**

<u>Step</u>	<u>Description</u>	<u>Value</u>
3.1	Alluvial Fan:	<b>None</b>
3.2	Grade Control:	<b>None</b>
5.2	# of Bridges or Culverts:	<b>2</b>
Total Length: <b>1212.810</b>		
5.3	Armoring Length	<u>Left</u> <u>Right</u>
		<b>4431.64    1933.95</b>
		<b>990        996</b>
Data Armoring:		
5.4	Straightening Length:	<b>5821.93994</b>
Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>
5.5	Dredging History:	<b>None</b>
6.1	Berms & Roads Data:	
		<u>One Side</u> <u>Both Sides</u>
	Berms & Roads:	<b>11773.189    3996.9500</b>
		<b>5</b>
6.2	Dev. Length:	<b>5439.1802    633.9300</b>
Corridor Development Data:		
		<u>Old</u> <u>New</u>
7.2	Bank Erosion:	<b>N.S.    5846.2900391</b>
	Bank Height:	<b>Medium    5.992</b>



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Reach: <b>R10</b>				<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	<b>None</b>
3.1	Alluvial Fan:	<b>None</b>		6.1	Berms & Roads Data:	
3.2	Grade Control:	<b>None</b>			<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts:	<b>0</b>			Berms & Roads:	<b>4315.2700</b> <b>0.0000</b>
	Total Length:	<b>0.000</b>		6.2	Dev. Length:	<b>938.3400</b> <b>0.0000</b>
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Corridor Development Data:	
		<b>1666.06</b>	<b>2920.91</b>		<u>Old</u>	<u>New</u>
		<b>006</b>	<b>992</b>	7.2	Bank Erosion:	<b>N.S.</b> <b>5915.3798828</b>
	Data Armoring:				Bank Height:	<b>Medium</b> <b>5.842</b>
5.4	Straightening Length:	<b>3379.80005</b>				
	Straightening Data:					

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SGAT Version: 3

Reach: <b>R11</b>				<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	<b>None</b>
3.1	Alluvial Fan:	<b>None</b>		6.1	Berms & Roads Data:	
3.2	Grade Control:	<b>None</b>			<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts:	<b>0</b>			Berms & Roads:	<b>6031.2603</b> <b>6864.7100</b>
	Total Length:	<b>0.000</b>		6.2	Dev. Length:	<b>1613.3500</b> <b>0.0000</b>
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Corridor Development Data:	
		<b>5200.83</b>	<b>3086.58</b>		<u>Old</u>	<u>New</u>
		<b>008</b>	<b>008</b>	7.2	Bank Erosion:	<b>N.S.</b> <b>13770.240234</b>
	Data Armoring:				Bank Height:	<b>Medium</b> <b>7.224</b>
5.4	Straightening Length:	<b>11576.21973</b>				
	Straightening Data:					



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Reach: R12				Step	Description	Value
	<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:	Waterfall			<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts:	1			Berms & Roads:	5330.1699 753.8600
	Total Length:	79.780		6.2	Dev. Length:	660.9700 392.0500
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Corridor Development Data:	
		0.00000	1595.43		<u>Old</u>	<u>New</u>
			994	7.2	Bank Erosion:	Low 1781.0600586
	Data Armoring:				Bank Height:	Medium 6.183
5.4	Straightening Length:	627.98999				
	Straightening Data:					

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SGAT Version: 3

Reach: R13				Step	Description	Value
	<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:	1			Berms & Roads:	6969.8599 6605.4399
	Total Length:	1458.520		6.2	Dev. Length:	421.0700 7302.0698
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Corridor Development Data:	
		2143.67	1225.60		<u>Old</u>	<u>New</u>
		993	999	7.2	Bank Erosion:	N.S. 8869.1298828
	Data Armoring:				Bank Height:	Medium 5.539
5.4	Straightening Length:	9246.07031				
	Straightening Data:					