



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
July, 17 2024

Phase 2 - FIT - Legacy Data Report

Green River LC

SGAT Version: **4.56**

Reach: **M09 -C**

<u>Step</u>	<u>Description</u>	<u>Value</u>
1.2	Alluvial Fan:	None
1.3	<u>Encroachments - Side</u>	<u>One</u> <u>Both</u>
	Berm Length (ft.):	0.0 0.0
	Path Length (ft.):	0.0 0.0
	Road Length (ft.):	3,041.1 0.0
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	247.4 0.0
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	0.0 622.8
	Erosion Height (ft.):	0.0 5.7
	Revetment Type:	Multiple None
	Revetment length	1,112.3 0.0
3.2	<u>Buffer Less Than 25 ft.</u>	1456 0
3.3	<u>Riparian Corridor</u>	<u>Left</u> <u>Right</u>
	Mass Failures:	122.6129
	Average Height (ft.):	65.0
	Mass Failures:	One
	Average Heigh (ft.):	65.0
	Gullies:	None
	Number of Gullies	0
	Total Length of Gullies (ft.):	0.0
	Average Height of Gullies	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	1
4.5	Flow Regulation Type:	None
	Use:	
4.7	Stormwater Inputs	
	Overland Flow 0	Road Ditch 0
	Field Ditch 0	Tile Drain 0
	Other 0	Ub Strm Wtr Pipe 2
4.9	Beaver Dams:	0
	Affected length (ft.):	0.0
5.2	Migration Features	
	Flood Chutes:	0
	Neck Cutoffs:	0
	Channel Avulsions:	0
	Braiding:	0
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	1
	Head Cuts:	0
5.4	Animal Crossings:	No
5.5	Channel Alterations	
	Straightening:	None
	Length (ft.):	0.0
	Dredging:	None



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
July, 17 2024

Phase 2 - FIT - Legacy Data Report

Green River LC

SGAT Version: **4.56**

Reach: **M12 -0**

<u>Step</u>	<u>Description</u>	<u>Value</u>
1.2	Alluvial Fan:	None
1.3	<u>Encroachments - Side</u>	<u>One</u> <u>Both</u>
	Berm Length (ft.):	356.9 0.0
	Path Length (ft.):	0.0 0.0
	Road Length (ft.):	3,870.1 0.0
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	0.0 0.0
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	395.8 1,034.2
	Erosion Height (ft.):	5.8 8.2
	Revetment Type:	Rip-Rap Rip-Rap
	Revetment length	841.8 111.7
3.2	<u>Buffer Less Than 25 ft.</u>	383 0
3.3	<u>Riparian Corridor</u>	<u>Left</u> <u>Right</u>
	Mass Failures:	262.1316
	Average Height (ft.):	14.0
	Mass Failures:	One
	Average Heigh (ft.):	14.0
	Gullies:	None
	Number of Gullies	0
	Total Length of Gullies (ft.):	0.0
	Average Height of Gullies	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	0
4.5	Flow Regulation Type:	None
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	Road Ditch
	Field Ditch	Tile Drain
	Other	Ub Strm Wtr Pipe
4.9	Beaver Dams:	0
	Affected length (ft.):	0.0
5.2	Migration Features	
	Flood Chutes:	0
	Neck Cutoffs:	0
	Channel Avulsions:	0
	Braiding:	0
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	0
	Head Cuts:	0
5.4	Animal Crossings:	No
5.5	Channel Alterations	
	Straightening:	Straightening
	Length (ft.):	1,373.7
	Dredging:	None



Phase 2 - FIT - Legacy Data Report

Green River LC

SGAT Version: 4.56

Reach: **M07 -0**

<u>Step</u>	<u>Description</u>	<u>Value</u>	<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	None	4.4	Number of Debris Jams:	3	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>	4.5	Flow Regulation Type:	None
	Berm Length (ft.):	398.5	0.0		Use:	
	Path Length (ft.):	0.0	0.0	4.7	Stormwater Inputs	
	Road Length (ft.):	1,176.6	0.0	Overland Flow	Road Ditch	
	Railroad Lenth (ft.):	0.0	0.0	Field Ditch	Tile Drain	
	Development Length:	0.0	0.0	Other	Ub Strm Wtr Pipe	
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>	4.9	Beaver Dams:	0
	Erosion Length (ft.):	0.0	0.0	Affected length (ft.):	0.0	
	Erosion Height (ft.):	0.0	0.0	5.2	Migration Features	
	Revetment Type:	None	None	Flood Chutes:	1	
	Revetment length	0.0	0.0	Neck Cutoffs:	0	
3.2	<u>Buffer Less Than 25 ft.</u>	1035	143	Channel Avulsions:	0	
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>	Braiding:	0	
	Mass Failures:	180.6579		5.3	Steep Riffles and Head Cuts	
	Average Height (ft.):	20.0		Steep Riffles:	3	
	Mass Failures:	One		Head Cuts:	0	
	Average Heigh (ft.):	20.0		5.4	Animal Crossings:	No
	Gullies:	None		5.5	Channel Alterations	
	Number of Gullies	0		Straightening:	With Windrowing	
	Total Length of Gullies (ft.):	0.0		Length (ft.):	1,221.1	
	Average Height of Gullies			Dredging:	Dredging	



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
July, 17 2024

Phase 2 - FIT - Legacy Data Report

Green River LC

SGAT Version: **4.56**

Reach: **M13 -0**

<u>Step</u>	<u>Description</u>	<u>Value</u>
1.2	Alluvial Fan:	None
1.3	<u>Encroachments - Side</u>	<u>One</u> <u>Both</u>
	Berm Length (ft.):	0.0 0.0
	Path Length (ft.):	0.0 0.0
	Road Length (ft.):	4,453.4 0.0
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	0.0 0.0
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	0.0 591.5
	Erosion Height (ft.):	0.0 6.2
	Revetment Type:	Rip-Rap None
	Revetment length	2,034.5 0.0
3.2	<u>Buffer Less Than 25 ft.</u>	1215 32
3.3	<u>Riparian Corridor</u>	<u>Left</u> <u>Right</u>
	Mass Failures:	1003.699
	Average Height (ft.):	25.3
	Mass Failures:	Multiple
	Average Heigh (ft.):	24.4
	Gullies:	None
	Number of Gullies	0
	Total Length of Gullies (ft.):	0.0
	Average Height of Gullies	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	2
4.5	Flow Regulation Type:	None
	Use:	
4.7	Stormwater Inputs	
	Overland Flow 0	Road Ditch 0
	Field Ditch 0	Tile Drain 0
	Other 0	Ub Strm Wtr Pipe 2
4.9	Beaver Dams:	0
	Affected length (ft.):	0.0
5.2	Migration Features	
	Flood Chutes:	0
	Neck Cutoffs:	0
	Channel Avulsions:	0
	Braiding:	0
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	0
	Head Cuts:	0
5.4	Animal Crossings:	No
5.5	Channel Alterations	
	Straightening:	None
	Length (ft.):	0.0
	Dredging:	None



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
July, 17 2024

Phase 2 - FIT - Legacy Data Report

Green River LC

SGAT Version: **4.56**

Reach: **M08 -A**

<u>Step</u>	<u>Description</u>	<u>Value</u>	<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	None	4.4	Number of Debris Jams:	1	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>	4.5	Flow Regulation Type:	None
	Berm Length (ft.):	0.0	0.0		Use:	
	Path Length (ft.):	0.0	0.0	4.7	Stormwater Inputs	
	Road Length (ft.):	1,656.4	0.0	Overland Flow	Road Ditch	
	Railroad Lenth (ft.):	0.0	0.0	Field Ditch	Tile Drain	
	Development Length:	489.6	0.0	Other	Ub Strm Wtr Pipe	
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>	4.9	Beaver Dams:	0
	Erosion Length (ft.):	375.4	62.0		Affected length (ft.):	0.0
	Erosion Height (ft.):	6.0	12.0	5.2	Migration Features	
	Revetment Type:	Rip-Rap	None	Flood Chutes:	0	
	Revetment length	233.6	0.0	Neck Cutoffs:	0	
3.2	<u>Buffer Less Than 25 ft.</u>	749	0	Channel Avulsions:	1	
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>	Braiding:	0	
	Mass Failures:	276.1975		5.3	Steep Riffles and Head Cuts	
	Average Height (ft.):	29.9		Steep Riffles:	2	
	Mass Failures:	Multiple		Head Cuts:	1	
	Average Heigh (ft.):	26.7		5.4	Animal Crossings:	No
	Gullies:	None		5.5	Channel Alterations	
	Number of Gullies	0		Straightening:	Straightening	
	Total Length of Gullies (ft.):	0.0		Length (ft.):	582.7	
	Average Height of Gullies			Dredging:	None	



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
July, 17 2024

Phase 2 - FIT - Legacy Data Report

Green River LC

SGAT Version: **4.56**

Reach: **M10 -0**

<u>Step</u>	<u>Description</u>	<u>Value</u>
1.2	Alluvial Fan:	None
1.3	<u>Encroachments - Side</u>	<u>One</u> <u>Both</u>
	Berm Length (ft.):	0.0 0.0
	Path Length (ft.):	0.0 0.0
	Road Length (ft.):	2,445.4 0.0
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	357.3 0.0
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	186.0 318.4
	Erosion Height (ft.):	7.0 7.9
	Revetment Type:	Rip-Rap None
	Revetment length	709.3 0.0
3.2	<u>Buffer Less Than 25 ft.</u>	882 0
3.3	<u>Riparian Corridor</u>	<u>Left</u> <u>Right</u>
	Mass Failures:	209.4234
	Average Height (ft.):	54.7
	Mass Failures:	Multiple
	Average Heigh (ft.):	33.3
	Gullies:	None
	Number of Gullies	0
	Total Length of Gullies (ft.):	0.0
	Average Height of Gullies	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	2
4.5	Flow Regulation Type:	None
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	Road Ditch
	Field Ditch	Tile Drain
	Other	Ub Strm Wtr Pipe
4.9	Beaver Dams:	0
	Affected length (ft.):	0.0
5.2	Migration Features	
	Flood Chutes:	2
	Neck Cutoffs:	0
	Channel Avulsions:	0
	Braiding:	0
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	2
	Head Cuts:	0
5.4	Animal Crossings:	No
5.5	Channel Alterations	
	Straightening:	None
	Length (ft.):	0.0
	Dredging:	Dredging



Phase 2 - FIT - Legacy Data Report

Green River LC

SGAT Version: 4.56

Reach: M11 -0

<u>Step</u>	<u>Description</u>	<u>Value</u>
1.2	Alluvial Fan:	None
1.3	<u>Encroachments - Side</u>	<u>One</u> <u>Both</u>
	Berm Length (ft.):	67.9 0.0
	Path Length (ft.):	0.0 0.0
	Road Length (ft.):	2,333.5 0.0
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	300.1 0.0
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	122.5 900.3
	Erosion Height (ft.):	5.9 5.8
	Revetment Type:	Rip-Rap Rip-Rap
	Revetment length	825.8 162.5
3.2	<u>Buffer Less Than 25 ft.</u>	897 0
3.3	<u>Riparian Corridor</u>	<u>Left</u> <u>Right</u>
	Mass Failures:	
	Average Height (ft.):	
	Mass Failures:	None
	Average Heigh (ft.):	
	Gullies:	None
	Number of Gullies	0
	Total Length of Gullies (ft.):	0.0
	Average Height of Gullies	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	1
4.5	Flow Regulation Type:	None
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	Road Ditch
	Field Ditch	Tile Drain
	Other	Ub Strm Wtr Pipe
4.9	Beaver Dams:	0
	Affected length (ft.):	0.0
5.2	Migration Features	
	Flood Chutes:	0
	Neck Cutoffs:	0
	Channel Avulsions:	0
	Braiding:	0
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	2
	Head Cuts:	0
5.4	Animal Crossings:	No
5.5	Channel Alterations	
	Straightening:	None
	Length (ft.):	0.0
	Dredging:	None



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
July, 17 2024

Phase 2 - FIT - Legacy Data Report

Green River LC

SGAT Version: **4.56**

Reach: **M06 -B**

<u>Step</u>	<u>Description</u>	<u>Value</u>	<u>Step</u>	<u>Description</u>	<u>Value</u>
1.2	Alluvial Fan:	None	4.4	Number of Debris Jams:	1
1.3	<u>Encroachments - Side</u>	<u>One</u>	4.5	Flow Regulation Type:	None
		<u>Both</u>		Use:	
	Berm Length (ft.):	0.0	4.7	Stormwater Inputs	
	Path Length (ft.):	0.0		Overland Flow	Road Ditch
	Road Length (ft.):	0.0		Field Ditch	Tile Drain
	Railroad Lenth (ft.):	0.0		Other	Ub Strm Wtr Pipe
	Development Length:	0.0	4.9	Beaver Dams:	0
3.1	<u>Erosion - Bank</u>	<u>Left</u>		Affected length (ft.):	0.0
	Erosion Length (ft.):	0.0	5.2	Migration Features	
	Erosion Height (ft.):	0.0		Flood Chutes:	2
	Revetment Type:	None		Neck Cutoffs:	0
	Revetment length	0.0		Channel Avulsions:	0
3.2	<u>Buffer Less Than 25 ft.</u>	0		Braiding:	0
3.3	<u>Riparian Corridor</u>	<u>Left</u>	5.3	Steep Riffles and Head Cuts	
	Mass Failures:			Steep Riffles:	0
	Average Height (ft.):			Head Cuts:	0
	Mass Failures:	None	5.4	Animal Crossings:	No
	Average Heigh (ft.):		5.5	Channel Alterations	
	Gullies:	None		Straightening:	None
	Number of Gullies	0		Length (ft.):	0.0
	Total Length of Gullies (ft.):	0.0		Dredging:	None
	Average Height of Gullies				



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
July, 17 2024

Phase 2 - FIT - Legacy Data Report

Green River LC

SGAT Version: **4.56**

Reach: **M09 -B**

<u>Step</u>	<u>Description</u>	<u>Value</u>
1.2	Alluvial Fan:	None
1.3	<u>Encroachments - Side</u>	<u>One</u> <u>Both</u>
	Berm Length (ft.):	0.0 0.0
	Path Length (ft.):	0.0 0.0
	Road Length (ft.):	790.7 0.0
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	0.0 0.0
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	0.0 0.0
	Erosion Height (ft.):	0.0 0.0
	Revetment Type:	None None
	Revetment length	0.0 0.0
3.2	<u>Buffer Less Than 25 ft.</u>	0 0
3.3	<u>Riparian Corridor</u>	<u>Left</u> <u>Right</u>
	Mass Failures:	288.9328
	Average Height (ft.):	67.0
	Mass Failures:	Multiple
	Average Heigh (ft.):	51.5
	Gullies:	None
	Number of Gullies	0
	Total Length of Gullies (ft.):	0.0
	Average Height of Gullies	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	1
4.5	Flow Regulation Type:	None
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	Road Ditch
	Field Ditch	Tile Drain
	Other	Ub Strm Wtr Pipe
4.9	Beaver Dams:	0
	Affected length (ft.):	0.0
5.2	Migration Features	
	Flood Chutes:	1
	Neck Cutoffs:	0
	Channel Avulsions:	0
	Braiding:	0
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	0
	Head Cuts:	0
5.4	Animal Crossings:	No
5.5	Channel Alterations	
	Straightening:	None
	Length (ft.):	0.0
	Dredging:	None



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
July, 17 2024

Phase 2 - FIT - Legacy Data Report

Green River LC

SGAT Version: **4.56**

Reach: **M06 -A**

<u>Step</u>	<u>Description</u>	<u>Value</u>
1.2	Alluvial Fan:	None
1.3	<u>Encroachments - Side</u>	<u>One</u> <u>Both</u>
	Berm Length (ft.):	485.5 319.7
	Path Length (ft.):	0.0 0.0
	Road Length (ft.):	1,293.6 0.0
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	55.3 0.0
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	161.6 59.9
	Erosion Height (ft.):	6.0 7.0
	Revetment Type:	Rip-Rap Rip-Rap
	Revetment length	110.4 210.0
3.2	<u>Buffer Less Than 25 ft.</u>	383 147
3.3	<u>Riparian Corridor</u>	<u>Left</u> <u>Right</u>
	Mass Failures:	
	Average Height (ft.):	
	Mass Failures:	None
	Average Heigh (ft.):	
	Gullies:	None
	Number of Gullies	0
	Total Length of Gullies (ft.):	0.0
	Average Height of Gullies	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	3
4.5	Flow Regulation Type:	None
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	0 Road Ditch 0
	Field Ditch	0 Tile Drain 0
	Other	0 Ub Strm Wtr Pipe 1
4.9	Beaver Dams:	0
	Affected length (ft.):	0.0
5.2	Migration Features	
	Flood Chutes:	0
	Neck Cutoffs:	0
	Channel Avulsions:	0
	Braiding:	0
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	1
	Head Cuts:	0
5.4	Animal Crossings:	No
5.5	Channel Alterations	
	Straightening:	Straightening
	Length (ft.):	582.4
	Dredging:	None



Phase 2 - FIT - Legacy Data Report

Green River LC

SGAT Version: 4.56

Reach: **M04 -0**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	None	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	0.0	0.0
	Path Length (ft.):	0.0	0.0
	Road Length (ft.):	5,138.3	0.0
	Railroad Lenth (ft.):	0.0	0.0
	Development Length:	0.0	0.0
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	662.1	181.5
	Erosion Height (ft.):	3.7	4.4
	Revetment Type:	None	Rip-Rap
	Revetment length	0.0	942.4
3.2	<u>Buffer Less Than 25 ft.</u>	394	2768
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	None	
	Average Heigh (ft.):		
	Gullies:	None	
	Number of Gullies	0	
	Total Length of Gullies (ft.):	0.0	
	Average Height of Gullies		

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	2
4.5	Flow Regulation Type:	None
	Use:	
4.7	Stormwater Inputs	
	Overland Flow 0	Road Ditch 0
	Field Ditch 0	Tile Drain 0
	Other 0	Ub Strm Wtr Pipe 1
4.9	Beaver Dams:	0
	Affected length (ft.):	0.0
5.2	Migration Features	
	Flood Chutes:	3
	Neck Cutoffs:	0
	Channel Avulsions:	0
	Braiding:	0
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	0
	Head Cuts:	0
5.4	Animal Crossings:	Yes
5.5	Channel Alterations	
	Straightening:	Straightening
	Length (ft.):	1,985.8
	Dredging:	Dredging



Phase 2 - FIT - Legacy Data Report

Green River LC

SGAT Version: 4.56

Reach: **M05 -A**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	None	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	0.0	0.0
	Path Length (ft.):	0.0	0.0
	Road Length (ft.):	544.9	0.0
	Railroad Lenth (ft.):	0.0	0.0
	Development Length:	304.2	129.1
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	0.0	0.0
	Erosion Height (ft.):	0.0	0.0
	Revetment Type:	Rip-Rap	Rip-Rap
	Revetment length	230.9	129.7
3.2	<u>Buffer Less Than 25 ft.</u>	314	297
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	None	
	Average Heigh (ft.):		
	Gullies:	None	
	Number of Gullies	0	
	Total Length of Gullies (ft.):	0.0	
	Average Height of Gullies		

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	1
4.5	Flow Regulation Type:	Small Withdrawal
	Use:	Drinking
4.7	Stormwater Inputs	
	Overland Flow	Road Ditch
	Field Ditch	Tile Drain
	Other	Ub Strm Wtr Pipe
4.9	Beaver Dams:	0
	Affected length (ft.):	0.0
5.2	Migration Features	
	Flood Chutes:	0
	Neck Cutoffs:	0
	Channel Avulsions:	0
	Braiding:	0
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	0
	Head Cuts:	0
5.4	Animal Crossings:	No
5.5	Channel Alterations	
	Straightening:	Straightening
	Length (ft.):	281.2
	Dredging:	Dredging



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
July, 17 2024

Phase 2 - FIT - Legacy Data Report

Green River LC

SGAT Version: **4.56**

Reach: **M08 -B**

<u>Step</u>	<u>Description</u>	<u>Value</u>	<u>Step</u>	<u>Description</u>	<u>Value</u>
1.2	Alluvial Fan:	None	4.4	Number of Debris Jams:	0
1.3	<u>Encroachments - Side</u>	<u>One</u>	4.5	Flow Regulation Type:	None
	Berm Length (ft.):	0.0		Use:	
	Path Length (ft.):	0.0	4.7	Stormwater Inputs	
	Road Length (ft.):	1,553.1		Overland Flow	Road Ditch
	Railroad Lenth (ft.):	0.0		Field Ditch	Tile Drain
	Development Length:	155.8		Other	Ub Strm Wtr Pipe
3.1	<u>Erosion - Bank</u>	<u>Left</u>	4.9	Beaver Dams:	0
	Erosion Length (ft.):	0.0		Affected length (ft.):	0.0
	Erosion Height (ft.):	0.0	5.2	Migration Features	
	Revetment Type:	Rip-Rap		Flood Chutes:	0
	Revetment length	326.6		Neck Cutoffs:	0
3.2	<u>Buffer Less Than 25 ft.</u>	360		Channel Avulsions:	0
	Mass Failures:	759.6428		Braiding:	0
	Average Height (ft.):	64.8	5.3	Steep Riffles and Head Cuts	
	Mass Failures:	Multiple		Steep Riffles:	1
	Average Heigh (ft.):	57.5		Head Cuts:	0
	Gullies:	None	5.4	Animal Crossings:	No
	Number of Gullies	0	5.5	Channel Alterations	
	Total Length of Gullies (ft.):	0.0		Straightening:	With Windrowing
	Average Height of Gullies			Length (ft.):	863.4
				Dredging:	None



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
July, 17 2024

Phase 2 - FIT - Legacy Data Report

Green River LC

SGAT Version: **4.56**

Reach: **M09 -A**

<u>Step</u>	<u>Description</u>	<u>Value</u>
1.2	Alluvial Fan:	None
1.3	<u>Encroachments - Side</u>	<u>One</u> <u>Both</u>
	Berm Length (ft.):	0.0 0.0
	Path Length (ft.):	0.0 0.0
	Road Length (ft.):	1,436.5 0.0
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	0.0 0.0
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	0.0 220.2
	Erosion Height (ft.):	0.0 5.7
	Revetment Type:	Rip-Rap Rip-Rap
	Revetment length	675.4 51.9
3.2	<u>Buffer Less Than 25 ft.</u>	665 0
3.3	<u>Riparian Corridor</u>	<u>Left</u> <u>Right</u>
	Mass Failures:	126.4522
	Average Height (ft.):	21.5
	Mass Failures:	Multiple
	Average Heigh (ft.):	33.3
	Gullies:	None
	Number of Gullies	0
	Total Length of Gullies (ft.):	0.0
	Average Height of Gullies	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	1
4.5	Flow Regulation Type:	None
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	Road Ditch
	Field Ditch	Tile Drain
	Other	Ub Strm Wtr Pipe
4.9	Beaver Dams:	0
	Affected length (ft.):	0.0
5.2	Migration Features	
	Flood Chutes:	0
	Neck Cutoffs:	0
	Channel Avulsions:	0
	Braiding:	0
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	1
	Head Cuts:	0
5.4	Animal Crossings:	No
5.5	Channel Alterations	
	Straightening:	None
	Length (ft.):	0.0
	Dredging:	None



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
July, 17 2024

Phase 2 - FIT - Legacy Data Report

Green River LC

SGAT Version: **4.56**

Reach: **M05 -B**

<u>Step</u>	<u>Description</u>	<u>Value</u>	<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	None	4.4	Number of Debris Jams:	1	
1.3	<u>Encroachments - Side</u>	<u>One</u>	4.5	Flow Regulation Type:	None	
	Berm Length (ft.):	270.7		Use:		
	Path Length (ft.):	0.0	4.7	Stormwater Inputs		
	Road Length (ft.):	2,961.9	Overland Flow	0	Road Ditch	0
	Railroad Lenth (ft.):	0.0	Field Ditch	0	Tile Drain	0
	Development Length:	1,050.7	Other	0	Ub Strm Wtr Pipe	1
3.1	<u>Erosion - Bank</u>	<u>Left</u>	4.9	Beaver Dams:	0	
	Erosion Length (ft.):	243.7		Affected length (ft.):	0.0	
	Erosion Height (ft.):	4.0	5.2	Migration Features		
	Revetment Type:	Rip-Rap	Flood Chutes:	4		
	Revetment length	138.3	Neck Cutoffs:	0		
3.2	<u>Buffer Less Than 25 ft.</u>	1565	Channel Avulsions:	0		
3.3	<u>Riparian Corridor</u>	<u>Left</u>	Braiding:	0		
	Mass Failures:		5.3	Steep Riffles and Head Cuts		
	Average Height (ft.):		Steep Riffles:	3		
	Mass Failures:	None	Head Cuts:	0		
	Average Heigh (ft.):		5.4	Animal Crossings:	No	
	Gullies:	None	5.5	Channel Alterations		
	Number of Gullies	0	Straightening:	Straightening		
	Total Length of Gullies (ft.):	0.0	Length (ft.):	680.3		
	Average Height of Gullies		Dredging:	Dredging		