



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
June, 25 2024

Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: **4.56**

Reach: **M1.15 -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.):	2,655.4	21.1
	Railroad Lenth (ft.):	0.0	0.0
	Development Length:	758.2	0.0
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	781.4	786.6
	Erosion Height (ft.):	3.9	4.3
	Revetment Type:	Rip-Rap	Rip-Rap
	Revetment length	415.0	313.1
3.2	<u>Buffer Less Than 25 ft.</u>	1328	415
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		
	Total Length of Gullies (ft.):		
	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 1	Road Ditch 0
	Field Ditch 0	Tile Drain 0
	Other 0	Ub Strm Wtr Pipe 0
4.9	Beaver Dams:	0
	Affected length (ft.):	0.0
5.2	Migration Features	
	Flood Chutes:	7
	Neck Cutoffs:	0
	Channel Avulsions:	1
	Braiding:	0
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	9
	Head Cuts:	0
5.4	Animal Crossings:	Yes
5.5	Channel Alterations	
	Straightening:	Straightening
	Length (ft.):	801.5
	Dredging:	None



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
June, 25 2024

Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: **4.56**

Reach: **M1.15 -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.):	2,655.4	21.1
	Railroad Lenth (ft.):	0.0	0.0
	Development Length:	758.2	0.0
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	781.4	786.6
	Erosion Height (ft.):	3.9	4.3
	Revetment Type:	Rip-Rap	Rip-Rap
	Revetment length	415.0	313.1
3.2	<u>Buffer Less Than 25 ft.</u>	1328	415
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		
	Total Length of Gullies (ft.):		
	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 2
	Field Ditch 0	Tile Drain 0
	Other 0	Ub Strm Wtr Pipe 0
4.9	Beaver Dams:	0
	Affected length (ft.):	0.0
5.2	Migration Features	
	Flood Chutes:	7
	Neck Cutoffs:	0
	Channel Avulsions:	1
	Braiding:	0
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	9
	Head Cuts:	0
5.4	Animal Crossings:	Yes
5.5	Channel Alterations	
	Straightening:	Straightening
	Length (ft.):	801.5
	Dredging:	None



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
June, 25 2024

Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: **4.56**

Reach: **T3.04 -D**

<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.):	388.8	334.8
	Railroad Lenth (ft.):	0.0	0.0
	Development Length:	457.5	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:	Rip-Rap	Multiple
	Revetment length	748.6	706.3
3.2	<u>Buffer Less Than 25 ft.</u>	309	641
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		
	Total Length of Gullies (ft.):		
	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 3	Road Ditch 0
	Field Ditch 0	Tile Drain 0
	Other 0	Ub Strm Wtr Pipe 0
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:	Straightening
	Length (ft.):	797.5
	Dredging:	None



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
June, 25 2024

Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: **4.56**

Reach: **T3.04 -D**

<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.):	388.8	Overland Flow	0	Road Ditch	2
	Railroad Lenth (ft.):	0.0	Field Ditch	0	Tile Drain	0
	Development Length:	457.5	Other	0	Ub Strm Wtr Pipe	0
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:	1	
	Revetment length	748.6		Neck Cutoffs:	0	
3.2	<u>Buffer Less Than 25 ft.</u>	309		Channel Avulsions:	0	
		641		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:	Straightening	
	Number of Gullies			Length (ft.):	797.5	
	Total Length of Gullies (ft.):			Dredging:	None	
	Average Height of Gullies					



Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: 4.56

Reach: T3.02 -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.):	162.1	387.7
	Railroad Lenth (ft.):	0.0	0.0
	Development Length:	619.0	409.8
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	54.2	0.0
	Erosion Height (ft.):	3.0	0.0
	Revetment Type:	None	None
	Revetment length	0.0	0.0
3.2	<u>Buffer Less Than 25 ft.</u>	0	83
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:	62.65	77.71
	Average Height (ft.):	22.3	44.9
	Mass Failures:	Multiple	
	Average Heigh (ft.):	31.0	
	Gullies:	None	
	Number of Gullies		
	Total Length of Gullies (ft.):		
	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:	None
	Length (ft.):	0.0
	Dredging:	None



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
June, 25 2024

Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: **4.56**

Reach: **T3.03 -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:	2
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.):	0.0		Overland Flow	Road Ditch
	Railroad Lenth (ft.):	0.0		Field Ditch	Tile Drain
	Development Length:	317.0		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:	1
	Revetment length	305.2		Neck Cutoffs:	0
3.2	<u>Buffer Less Than 25 ft.</u>	112		Channel Avulsions:	0
	Mass Failures:	234.63		Braiding:	0
	Average Height (ft.):	169.4	5.3	Steep Riffles and Head Cuts	
	Mass Failures:	Multiple		Steep Riffles:	0
	Average Heigh (ft.):	107.5		Head Cuts:	0
	Gullies:	None	5.4	Animal Crossings:	No
	Number of Gullies		5.5	Channel Alterations	
	Total Length of Gullies (ft.):			Straightening:	Straightening
	Average Height of Gullies			Length (ft.):	395.5
				Dredging:	None



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
June, 25 2024

Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: **4.56**

Reach: **M1.01 -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.):	253.6 0.0
	Path Length (ft.):	0.0 0.0
	Road Length (ft.):	0.0 1,124.7
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	0.0 1,145.1
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	1,073.3 898.1
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:	
	Average Height (ft.):	
	Mass Failures:	None
	Average Heigh (ft.):	
	Gullies:	None
	Number of Gullies	
	Total Length of Gullies (ft.):	
	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	0 Road Ditch 0
	Field Ditch	0 Tile Drain 0
	Other	2 Ub Strm Wtr Pipe 0
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.):	420.5
	Dredging:	None



Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: 4.56

Reach: T3.02S4.02 -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.):	0.0	177.7
	Railroad Lenth (ft.):	0.0	0.0
	Development Length:	227.0	0.0
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	72.3	72.4
	Erosion Height (ft.):	2.0	3.8
	Revetment Type:	None	None
	Revetment length	0.0	0.0
3.2	<u>Buffer Less Than 25 ft.</u>	1334	1231
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		
	Total Length of Gullies (ft.):		
	Average Height of Gullies		

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	5
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:	7
	Neck Cutoffs:	0
	Channel Avulsions:	0
	Braiding:	0
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	3
	Head Cuts:	0
5.4	Animal Crossings:	Yes
5.5	Channel Alterations	
	Straightening:	Straightening
	Length (ft.):	549.8
	Dredging:	None



Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: 4.56

Reach: **M1.10 -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.):	963.2	0.0
	Railroad Lenth (ft.):	0.0	0.0
	Development Length:	963.2	0.0
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	50.2	161.7
	Erosion Height (ft.):	6.0	4.3
	Revetment Type:	None	Rip-Rap
	Revetment length	0.0	367.6
3.2	<u>Buffer Less Than 25 ft.</u>	464	949
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		
	Total Length of Gullies (ft.):		
	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 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:	Straightening
	Length (ft.):	963.2
	Dredging:	None



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
June, 25 2024

Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: **4.56**

Reach: **M1.12 -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.):	800.4	0.0
	Railroad Lenth (ft.):	0.0	0.0
	Development Length:	198.7	0.0
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	478.0	311.9
	Erosion Height (ft.):	6.1	4.7
	Revetment Type:	Rip-Rap	Rip-Rap
	Revetment length	80.2	172.0
3.2	<u>Buffer Less Than 25 ft.</u>	839	1221
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		
	Total Length of Gullies (ft.):		
	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 1	Tile Drain 0
	Other 0	Ub Strm Wtr Pipe 0
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:	4
	Head Cuts:	0
5.4	Animal Crossings:	No
5.5	Channel Alterations	
	Straightening:	Straightening
	Length (ft.):	613.2
	Dredging:	None



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
June, 25 2024

Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: **4.56**

Reach: **M1.12 -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.):	800.4	0.0
	Railroad Lenth (ft.):	0.0	0.0
	Development Length:	198.7	0.0
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	478.0	311.9
	Erosion Height (ft.):	6.1	4.7
	Revetment Type:	Rip-Rap	Rip-Rap
	Revetment length	80.2	172.0
3.2	<u>Buffer Less Than 25 ft.</u>	839	1221
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		
	Total Length of Gullies (ft.):		
	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 2
	Field Ditch 0	Tile Drain 0
	Other 0	Ub Strm Wtr Pipe 0
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:	4
	Head Cuts:	0
5.4	Animal Crossings:	No
5.5	Channel Alterations	
	Straightening:	Straightening
	Length (ft.):	613.2
	Dredging:	None



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
June, 25 2024

Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: **4.56**

Reach: **T3.04 -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.):	542.9	790.0
	Railroad Lenth (ft.):	0.0	0.0
	Development Length:	199.5	0.0
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	0.0	35.4
	Erosion Height (ft.):	0.0	3.1
	Revetment Type:	Rip-Rap	Rip-Rap
	Revetment length	493.7	425.3
3.2	<u>Buffer Less Than 25 ft.</u>	438	319
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		
	Total Length of Gullies (ft.):		
	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 2
	Field Ditch 0	Tile Drain 0
	Other 0	Ub Strm Wtr Pipe 0
4.9	Beaver Dams:	0
	Affected length (ft.):	0.0
5.2	Migration Features	
	Flood Chutes:	5
	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.):	1,341.2
	Dredging:	None



Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: 4.56

Reach: **M1.11 -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.):	1,020.7 0.0
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	940.8 0.0
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	926.5 684.0
	Erosion Height (ft.):	6.2 4.9
	Revetment Type:	Rip-Rap Rip-Rap
	Revetment length	169.9 328.0
3.2	<u>Buffer Less Than 25 ft.</u>	934 1172
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	
	Total Length of Gullies (ft.):	
	Average Height of Gullies	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	6
4.5	Flow Regulation Type:	Small Withdrawal
	Use:	Other
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:	5
	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:	Straightening
	Length (ft.):	1,425.6
	Dredging:	None



Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: 4.56

Reach: **M1.11 -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.):	1,020.7 0.0
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	940.8 0.0
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	926.5 684.0
	Erosion Height (ft.):	6.2 4.9
	Revetment Type:	Rip-Rap Rip-Rap
	Revetment length	169.9 328.0
3.2	<u>Buffer Less Than 25 ft.</u>	934 1172
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	
	Total Length of Gullies (ft.):	
	Average Height of Gullies	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	6
4.5	Flow Regulation Type:	Small Withdrawal
	Use:	Other
4.7	Stormwater Inputs	
	Overland Flow 0 Road Ditch	0
	Field Ditch 1 Tile Drain	0
	Other 0 Ub Strm Wtr Pipe	0
4.9	Beaver Dams:	0
	Affected length (ft.):	0.0
5.2	Migration Features	
	Flood Chutes:	5
	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:	Straightening
	Length (ft.):	1,425.6
	Dredging:	None



Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: 4.56

Reach: T3.02S4.01 -B

Step	Description	Value
1.2	Alluvial Fan:	None
1.3	Encroachments - Side	One Both
	Berm Length (ft.):	0.0 0.0
	Path Length (ft.):	0.0 0.0
	Road Length (ft.):	0.0 0.0
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	0.0 52.7
3.1	Erosion - Bank	Left Right
	Erosion Length (ft.):	40.3 174.6
	Erosion Height (ft.):	5.0 3.6
	Revetment Type:	None Rip-Rap
	Revetment length	0.0 31.3
3.2	Buffer Less Than 25 ft.	0 0
3.3	Riparian Corridor	Left Right
	Mass Failures:	38.54
	Average Height (ft.):	20.0
	Mass Failures:	One
	Average Heigh (ft.):	20.0
	Gullies:	None
	Number of Gullies	
	Total Length of Gullies (ft.):	
	Average Height of Gullies	

Step	Description	Value
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:	1
	Neck Cutoffs:	0
	Channel Avulsions:	2
	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.):	190.0
	Dredging:	None



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
June, 25 2024

Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: **4.56**

Reach: **M1.15 -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.):	224.7	0.0
	Path Length (ft.):	0.0	0.0
	Road Length (ft.):	733.8	115.9
	Railroad Lenth (ft.):	0.0	0.0
	Development Length:	472.5	109.8
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	19.3	20.4
	Erosion Height (ft.):	6.0	3.0
	Revetment Type:	Rip-Rap	Rip-Rap
	Revetment length	127.7	281.1
3.2	<u>Buffer Less Than 25 ft.</u>	73	471
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		
	Total Length of Gullies (ft.):		
	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	0
	Road Ditch	1
	Field Ditch	0
	Tile Drain	0
	Other	0
	Ub Strm Wtr Pipe	0
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:	2
	Head Cuts:	0
5.4	Animal Crossings:	No
5.5	Channel Alterations	
	Straightening:	Straightening
	Length (ft.):	849.3
	Dredging:	None



Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: 4.56

Reach: **M1.18 -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.):	0.0	0.0
	Railroad Lenth (ft.):	0.0	0.0
	Development Length:	70.2	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	54
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:	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:	1
	Affected length (ft.):	200.0
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.):	100.3
	Dredging:	None



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
June, 25 2024

Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: **4.56**

Reach: **T7.01 -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.):	427.0 0.0
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	404.0 137.8
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	16.9 46.7
	Erosion Height (ft.):	3.0 3.0
	Revetment Type:	Rip-Rap Rip-Rap
	Revetment length	109.6 563.0
3.2	<u>Buffer Less Than 25 ft.</u>	258 793
3.3	<u>Riparian Corridor</u>	<u>Left</u> <u>Right</u>
	Mass Failures:	49.63
	Average Height (ft.):	30.0
	Mass Failures:	One
	Average Heigh (ft.):	30.0
	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:	3
4.5	Flow Regulation Type:	None
	Use:	
4.7	Stormwater Inputs	
	Overland Flow 1	Road Ditch 0
	Field Ditch 0	Tile Drain 0
	Other 0	Ub Strm Wtr Pipe 0
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.):	845.8
	Dredging:	None



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
June, 25 2024

Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: **4.56**

Reach: **T7.01 -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.):	427.0 0.0
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	404.0 137.8
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	16.9 46.7
	Erosion Height (ft.):	3.0 3.0
	Revetment Type:	Rip-Rap Rip-Rap
	Revetment length	109.6 563.0
3.2	<u>Buffer Less Than 25 ft.</u>	258 793
3.3	<u>Riparian Corridor</u>	<u>Left</u> <u>Right</u>
	Mass Failures:	49.63
	Average Height (ft.):	30.0
	Mass Failures:	One
	Average Heigh (ft.):	30.0
	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:	3
4.5	Flow Regulation Type:	None
	Use:	
4.7	Stormwater Inputs	
	Overland Flow 0	Road Ditch 1
	Field Ditch 0	Tile Drain 0
	Other 0	Ub Strm Wtr Pipe 0
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.):	845.8
	Dredging:	None



Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: 4.56

Reach: T3.05 -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:	Large Store and Release
	Berm Length (ft.):	0.0		Use:	Flood Control
	Path Length (ft.):	0.0	4.7	Stormwater Inputs	
	Road Length (ft.):	265.3		Overland Flow	Road Ditch
	Railroad Lenth (ft.):	0.0		Field Ditch	Tile Drain
	Development Length:	304.8		Other	Ub Strm Wtr Pipe
			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:	0
	Revetment Type:	Multiple		Neck Cutoffs:	0
	Revetment length	959.4		Channel Avulsions:	0
3.2	<u>Buffer Less Than 25 ft.</u>	668		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:	Straightening
	Number of Gullies			Length (ft.):	1,364.9
	Total Length of Gullies (ft.):			Dredging:	None
	Average Height of Gullies				



Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: 4.56

Reach: **M1.10 -D**

<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.):	575.2	0.0
	Railroad Lenth (ft.):	0.0	0.0
	Development Length:	575.2	0.0
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	199.8	34.9
	Erosion Height (ft.):	5.0	5.0
	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:		
	Average Height (ft.):		
	Mass Failures:	None	
	Average Heigh (ft.):		
	Gullies:	None	
	Number of Gullies		
	Total Length of Gullies (ft.):		
	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 1
	Field Ditch 0	Tile Drain 0
	Other 0	Ub Strm Wtr Pipe 0
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:	3
	Head Cuts:	0
5.4	Animal Crossings:	No
5.5	Channel Alterations	
	Straightening:	Straightening
	Length (ft.):	270.4
	Dredging:	None



Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: 4.56

Reach: **M1.10 -D**

<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.):	575.2	0.0
	Railroad Lenth (ft.):	0.0	0.0
	Development Length:	575.2	0.0
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	199.8	34.9
	Erosion Height (ft.):	5.0	5.0
	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:		
	Average Height (ft.):		
	Mass Failures:	None	
	Average Heigh (ft.):		
	Gullies:	None	
	Number of Gullies		
	Total Length of Gullies (ft.):		
	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 1
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:	3
	Head Cuts:	0
5.4	Animal Crossings:	No
5.5	Channel Alterations	
	Straightening:	Straightening
	Length (ft.):	270.4
	Dredging:	None



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
June, 25 2024

Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: **4.56**

Reach: **T3.04 -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.):	429.9 160.0
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	629.1 90.8
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	0.0 99.4
	Erosion Height (ft.):	0.0 4.0
	Revetment Type:	Rip-Rap Rip-Rap
	Revetment length	890.3 255.9
3.2	<u>Buffer Less Than 25 ft.</u>	419 72
3.3	<u>Riparian Corridor</u>	<u>Left</u> <u>Right</u>
	Mass Failures:	181.4
	Average Height (ft.):	100.0
	Mass Failures:	One
	Average Heigh (ft.):	100.0
	Gullies:	None
	Number of Gullies	
	Total Length of Gullies (ft.):	
	Average Height of Gullies	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	5
4.5	Flow Regulation Type:	None
	Use:	
4.7	Stormwater Inputs	
	Overland Flow 0	Road Ditch 1
	Field Ditch 0	Tile Drain 0
	Other 0	Ub Strm Wtr Pipe 0
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:	1
5.4	Animal Crossings:	No
5.5	Channel Alterations	
	Straightening:	Straightening
	Length (ft.):	812.4
	Dredging:	None



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
June, 25 2024

Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: **4.56**

Reach: **M1.16 -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.):	145.5	0.0
	Railroad Lenth (ft.):	0.0	0.0
	Development Length:	168.7	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:	Hard Bank	Hard Bank
	Revetment length	58.9	52.8
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:		
	Average Height (ft.):		
	Mass Failures:	None	
	Average Heigh (ft.):		
	Gullies:	None	
	Number of Gullies		
	Total Length of Gullies (ft.):		
	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:	Small Withdrawal
	Use:	Recreation
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:	None
	Length (ft.):	0.0
	Dredging:	None



Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: 4.56

Reach: T3.02S4.01 -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.):	209.9 0.0
	Path Length (ft.):	0.0 0.0
	Road Length (ft.):	0.0 0.0
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	327.9 49.6
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	103.0 131.3
	Erosion Height (ft.):	6.0 7.3
	Revetment Type:	Rip-Rap Hard Bank
	Revetment length	166.2 165.8
3.2	<u>Buffer Less Than 25 ft.</u>	232 451
3.3	<u>Riparian Corridor</u>	<u>Left</u> <u>Right</u>
	Mass Failures:	660.48 394.04
	Average Height (ft.):	40.0 53.3
	Mass Failures:	Multiple
	Average Heigh (ft.):	41.7
	Gullies:	One
	Number of Gullies	1
	Total Length of Gullies (ft.):	600.0
	Average Height of Gullies	30.0

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	5
4.5	Flow Regulation Type:	None
	Use:	
4.7	Stormwater Inputs	
	Overland Flow 3	Road Ditch 0
	Field Ditch 0	Tile Drain 0
	Other 0	Ub Strm Wtr Pipe 0
4.9	Beaver Dams:	0
	Affected length (ft.):	0.0
5.2	Migration Features	
	Flood Chutes:	4
	Neck Cutoffs:	0
	Channel Avulsions:	1
	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.):	1,147.7
	Dredging:	None



Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: 4.56

Reach: T3.02S4.01S1.01 -B

Step	Description	Value
1.2	Alluvial Fan:	None
1.3	Encroachments - Side	One Both
	Berm Length (ft.):	0.0 0.0
	Path Length (ft.):	0.0 0.0
	Road Length (ft.):	837.5 69.5
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	0.0 49.8
3.1	Erosion - Bank	Left Right
	Erosion Length (ft.):	167.0 88.5
	Erosion Height (ft.):	3.8 5.9
	Revetment Type:	Rip-Rap Rip-Rap
	Revetment length	51.1 176.3
3.2	Buffer Less Than 25 ft.	254 145
3.3	Riparian Corridor	Left Right
	Mass Failures:	41.6
	Average Height (ft.):	20.0
	Mass Failures:	One
	Average Heigh (ft.):	20.0
	Gullies:	None
	Number of Gullies	0
	Total Length of Gullies (ft.):	0.0
	Average Height of Gullies	

Step	Description	Value
4.4	Number of Debris Jams:	10
4.5	Flow Regulation Type:	None
	Use:	
4.7	Stormwater Inputs	
	Overland Flow 0	Road Ditch 2
	Field Ditch 0	Tile Drain 0
	Other 0	Ub Strm Wtr Pipe 0
4.9	Beaver Dams:	0
	Affected length (ft.):	0.0
5.2	Migration Features	
	Flood Chutes:	3
	Neck Cutoffs:	0
	Channel Avulsions:	1
	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.):	590.2
	Dredging:	None



Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: 4.56

Reach: M1.17 -0

Step	Description	Value
1.2	Alluvial Fan:	None
1.3	Encroachments - Side	One Both
	Berm Length (ft.):	107.7 0.0
	Path Length (ft.):	0.0 0.0
	Road Length (ft.):	0.0 0.0
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	434.9 0.0
3.1	Erosion - Bank	Left Right
	Erosion Length (ft.):	39.4 119.9
	Erosion Height (ft.):	4.0 3.8
	Revetment Type:	None Rip-Rap
	Revetment length	0.0 106.6
3.2	Buffer Less Than 25 ft.	0 312
3.3	Riparian Corridor	Left Right
	Mass Failures:	45.02
	Average Height (ft.):	20.0
	Mass Failures:	One
	Average Heigh (ft.):	20.0
	Gullies:	None
	Number of Gullies	0
	Total Length of Gullies (ft.):	0.0
	Average Height of Gullies	

Step	Description	Value
4.4	Number of Debris Jams:	6
4.5	Flow Regulation Type:	None
	Use:	
4.7	Stormwater Inputs	
	Overland Flow 0	Road Ditch 0
	Field Ditch 0	Tile Drain 1
	Other 0	Ub Strm Wtr Pipe 0
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:	No
5.5	Channel Alterations	
	Straightening:	Straightening
	Length (ft.):	313.6
	Dredging:	None



Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: 4.56

Reach: T7.01 -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.):	645.5	307.1
	Path Length (ft.):	0.0	0.0
	Road Length (ft.):	137.4	459.8
	Railroad Lenth (ft.):	0.0	0.0
	Development Length:	0.0	1,337.5
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	73.3	21.0
	Erosion Height (ft.):	3.0	3.0
	Revetment Type:	Multiple	Multiple
	Revetment length	749.3	983.0
3.2	<u>Buffer Less Than 25 ft.</u>	1313	1622
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:	0
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:	Straightening
	Length (ft.):	1,900.4
	Dredging:	None



Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: 4.56

Reach: T7.01 -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.):	645.5 307.1
	Path Length (ft.):	0.0 0.0
	Road Length (ft.):	137.4 459.8
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	0.0 1,337.5
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	73.3 21.0
	Erosion Height (ft.):	3.0 3.0
	Revetment Type:	Multiple Multiple
	Revetment length	749.3 983.0
3.2	<u>Buffer Less Than 25 ft.</u>	1313 1622
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:	0
4.5	Flow Regulation Type:	None
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	0 Road Ditch 4
	Field Ditch	0 Tile Drain 0
	Other	0 Ub Strm Wtr Pipe 0
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.):	1,900.4
	Dredging:	None



Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: 4.56

Reach: **M1.11 -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.):	0.0	0.0
	Railroad Lenth (ft.):	0.0	0.0
	Development Length:	698.4	0.0
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	268.2	172.8
	Erosion Height (ft.):	6.4	4.2
	Revetment Type:	Rip-Rap	Rip-Rap
	Revetment length	176.6	312.4
3.2	<u>Buffer Less Than 25 ft.</u>	1154	876
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		
	Total Length of Gullies (ft.):		
	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 1
	Other 0	Ub Strm Wtr Pipe 0
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:	1
	Head Cuts:	0
5.4	Animal Crossings:	No
5.5	Channel Alterations	
	Straightening:	Straightening
	Length (ft.):	489.1
	Dredging:	None



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
June, 25 2024

Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: **4.56**

Reach: **M1.11 -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.):	0.0	0.0
	Railroad Lenth (ft.):	0.0	0.0
	Development Length:	698.4	0.0
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	268.2	172.8
	Erosion Height (ft.):	6.4	4.2
	Revetment Type:	Rip-Rap	Rip-Rap
	Revetment length	176.6	312.4
3.2	<u>Buffer Less Than 25 ft.</u>	1154	876
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		
	Total Length of Gullies (ft.):		
	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 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:	1
	Head Cuts:	0
5.4	Animal Crossings:	No
5.5	Channel Alterations	
	Straightening:	Straightening
	Length (ft.):	489.1
	Dredging:	None



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
June, 25 2024

Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: **4.56**

Reach: **M1.11 -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.):	0.0	0.0
	Railroad Lenth (ft.):	0.0	0.0
	Development Length:	698.4	0.0
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	268.2	172.8
	Erosion Height (ft.):	6.4	4.2
	Revetment Type:	Rip-Rap	Rip-Rap
	Revetment length	176.6	312.4
3.2	<u>Buffer Less Than 25 ft.</u>	1154	876
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		
	Total Length of Gullies (ft.):		
	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 1	Tile Drain 0
	Other 0	Ub Strm Wtr Pipe 0
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:	1
	Head Cuts:	0
5.4	Animal Crossings:	No
5.5	Channel Alterations	
	Straightening:	Straightening
	Length (ft.):	489.1
	Dredging:	None



Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: 4.56

Reach: T3.05 -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.):	1,109.9	119.1
	Railroad Lenth (ft.):	0.0	0.0
	Development Length:	850.1	520.3
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:	Multiple	Multiple
	Revetment length	1,043.3	522.1
3.2	<u>Buffer Less Than 25 ft.</u>	108	313
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		
	Total Length of Gullies (ft.):		
	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	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:	1
	Neck Cutoffs:	0
	Channel Avulsions:	0
	Braiding:	0
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	3
	Head Cuts:	0
5.4	Animal Crossings:	No
5.5	Channel Alterations	
	Straightening:	Straightening
	Length (ft.):	1,232.5
	Dredging:	None



Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: 4.56

Reach: T3.05 -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.):	1,109.9	119.1
	Railroad Lenth (ft.):	0.0	0.0
	Development Length:	850.1	520.3
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:	Multiple	Multiple
	Revetment length	1,043.3	522.1
3.2	<u>Buffer Less Than 25 ft.</u>	108	313
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		
	Total Length of Gullies (ft.):		
	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	0
	Road Ditch	3
	Field Ditch	0
	Tile Drain	0
	Other	0
	Ub Strm Wtr Pipe	0
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:	3
	Head Cuts:	0
5.4	Animal Crossings:	No
5.5	Channel Alterations	
	Straightening:	Straightening
	Length (ft.):	1,232.5
	Dredging:	None



Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: 4.56

Reach: **M1.16 -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.):	534.3	0.0
	Railroad Lenth (ft.):	0.0	0.0
	Development Length:	0.0	39.8
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	0.0	16.6
	Erosion Height (ft.):	0.0	3.0
	Revetment Type:	Hard Bank	Hard Bank
	Revetment length	141.4	68.5
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:		
	Average Height (ft.):		
	Mass Failures:	None	
	Average Heigh (ft.):		
	Gullies:	None	
	Number of Gullies		
	Total Length of Gullies (ft.):		
	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:	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:	Straightening
	Length (ft.):	128.3
	Dredging:	None



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
June, 25 2024

Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: **4.56**

Reach: **M1.18 -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.):	0.0	80.0
	Railroad Lenth (ft.):	0.0	0.0
	Development Length:	672.5	288.5
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	0.0	45.1
	Erosion Height (ft.):	0.0	6.0
	Revetment Type:	Rip-Rap	Rip-Rap
	Revetment length	367.8	209.6
3.2	<u>Buffer Less Than 25 ft.</u>	886	622
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 0	Road Ditch 1
	Field Ditch 0	Tile Drain 0
	Other 0	Ub Strm Wtr Pipe 0
4.9	Beaver Dams:	1
	Affected length (ft.):	200.0
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.):	743.9
	Dredging:	None



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
June, 25 2024

Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: **4.56**

Reach: **M1.18 -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.):	0.0	80.0
	Railroad Lenth (ft.):	0.0	0.0
	Development Length:	672.5	288.5
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	0.0	45.1
	Erosion Height (ft.):	0.0	6.0
	Revetment Type:	Rip-Rap	Rip-Rap
	Revetment length	367.8	209.6
3.2	<u>Buffer Less Than 25 ft.</u>	886	622
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 1	Road Ditch 0
	Field Ditch 0	Tile Drain 0
	Other 0	Ub Strm Wtr Pipe 0
4.9	Beaver Dams:	1
	Affected length (ft.):	200.0
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.):	743.9
	Dredging:	None



Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: 4.56

Reach: **M1.18 -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.):	0.0	80.0
	Railroad Lenth (ft.):	0.0	0.0
	Development Length:	672.5	288.5
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	0.0	45.1
	Erosion Height (ft.):	0.0	6.0
	Revetment Type:	Rip-Rap	Rip-Rap
	Revetment length	367.8	209.6
3.2	<u>Buffer Less Than 25 ft.</u>	886	622
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 0	Road Ditch 0
	Field Ditch 1	Tile Drain 0
	Other 0	Ub Strm Wtr Pipe 0
4.9	Beaver Dams:	1
	Affected length (ft.):	200.0
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.):	743.9
	Dredging:	None



Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: 4.56

Reach: T3.01 -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.):	211.5 0.0
	Path Length (ft.):	0.0 0.0
	Road Length (ft.):	734.0 1,357.0
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	287.3 2,218.5
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	0.0 212.2
	Erosion Height (ft.):	0.0 4.6
	Revetment Type:	Multiple Rip-Rap
	Revetment length	1,707.8 568.9
3.2	<u>Buffer Less Than 25 ft.</u>	1659 1670
3.3	<u>Riparian Corridor</u>	<u>Left</u> <u>Right</u>
	Mass Failures:	103.78
	Average Height (ft.):	20.0
	Mass Failures:	One
	Average Heigh (ft.):	20.0
	Gullies:	One
	Number of Gullies	1
	Total Length of Gullies (ft.):	350.0
	Average Height of Gullies	20.0

<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	0 Road Ditch 3
	Field Ditch	0 Tile Drain 0
	Other	0 Ub Strm Wtr Pipe 0
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:	3
	Head Cuts:	0
5.4	Animal Crossings:	No
5.5	Channel Alterations	
	Straightening:	Straightening
	Length (ft.):	2,239.1
	Dredging:	None



Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: 4.56

Reach: T3.01 -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.):	211.5 0.0
	Path Length (ft.):	0.0 0.0
	Road Length (ft.):	734.0 1,357.0
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	287.3 2,218.5
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	0.0 212.2
	Erosion Height (ft.):	0.0 4.6
	Revetment Type:	Multiple Rip-Rap
	Revetment length	1,707.8 568.9
3.2	<u>Buffer Less Than 25 ft.</u>	1659 1670
3.3	<u>Riparian Corridor</u>	<u>Left</u> <u>Right</u>
	Mass Failures:	103.78
	Average Height (ft.):	20.0
	Mass Failures:	One
	Average Heigh (ft.):	20.0
	Gullies:	One
	Number of Gullies	1
	Total Length of Gullies (ft.):	350.0
	Average Height of Gullies	20.0

<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	0 Road Ditch 0
	Field Ditch	0 Tile Drain 0
	Other	0 Ub Strm Wtr Pipe 4
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:	3
	Head Cuts:	0
5.4	Animal Crossings:	No
5.5	Channel Alterations	
	Straightening:	Straightening
	Length (ft.):	2,239.1
	Dredging:	None



Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: 4.56

Reach: T3.01 -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.):	211.5 0.0
	Path Length (ft.):	0.0 0.0
	Road Length (ft.):	734.0 1,357.0
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	287.3 2,218.5
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	0.0 212.2
	Erosion Height (ft.):	0.0 4.6
	Revetment Type:	Multiple Rip-Rap
	Revetment length	1,707.8 568.9
3.2	<u>Buffer Less Than 25 ft.</u>	1659 1670
3.3	<u>Riparian Corridor</u>	<u>Left</u> <u>Right</u>
	Mass Failures:	103.78
	Average Height (ft.):	20.0
	Mass Failures:	One
	Average Heigh (ft.):	20.0
	Gullies:	One
	Number of Gullies	1
	Total Length of Gullies (ft.):	350.0
	Average Height of Gullies	20.0

<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 0	Road Ditch 0
	Field Ditch 1	Tile Drain 0
	Other 0	Ub Strm Wtr Pipe 0
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:	3
	Head Cuts:	0
5.4	Animal Crossings:	No
5.5	Channel Alterations	
	Straightening:	Straightening
	Length (ft.):	2,239.1
	Dredging:	None



Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: 4.56

Reach: T3.01 -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.):	211.5 0.0
	Path Length (ft.):	0.0 0.0
	Road Length (ft.):	734.0 1,357.0
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	287.3 2,218.5
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	0.0 212.2
	Erosion Height (ft.):	0.0 4.6
	Revetment Type:	Multiple Rip-Rap
	Revetment length	1,707.8 568.9
3.2	<u>Buffer Less Than 25 ft.</u>	1659 1670
3.3	<u>Riparian Corridor</u>	<u>Left</u> <u>Right</u>
	Mass Failures:	103.78
	Average Height (ft.):	20.0
	Mass Failures:	One
	Average Heigh (ft.):	20.0
	Gullies:	One
	Number of Gullies	1
	Total Length of Gullies (ft.):	350.0
	Average Height of Gullies	20.0

<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	0 Road Ditch 0
	Field Ditch	0 Tile Drain 1
	Other	0 Ub Strm Wtr Pipe 0
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:	3
	Head Cuts:	0
5.4	Animal Crossings:	No
5.5	Channel Alterations	
	Straightening:	Straightening
	Length (ft.):	2,239.1
	Dredging:	None



Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: 4.56

Reach: **M1.10 -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.):	544.9 0.0
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	1,391.9 237.2
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	1,183.4 655.6
	Erosion Height (ft.):	4.8 4.2
	Revetment Type:	Multiple Multiple
	Revetment length	378.4 471.7
3.2	<u>Buffer Less Than 25 ft.</u>	1623 2168
3.3	<u>Riparian Corridor</u>	<u>Left</u> <u>Right</u>
	Mass Failures:	78.49 217.4
	Average Height (ft.):	0.0 10.7
	Mass Failures:	Multiple
	Average Heigh (ft.):	10.8
	Gullies:	None
	Number of Gullies	
	Total Length of Gullies (ft.):	
	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:	Small Withdrawal
	Use:	Other
4.7	Stormwater Inputs	
	Overland Flow 0 Road Ditch 0	
	Field Ditch 0 Tile Drain 0	
	Other 0 Ub Strm Wtr Pipe 3	
4.9	Beaver Dams:	0
	Affected length (ft.):	0.0
5.2	Migration Features	
	Flood Chutes:	3
	Neck Cutoffs:	0
	Channel Avulsions:	1
	Braiding:	0
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	2
	Head Cuts:	1
5.4	Animal Crossings:	No
5.5	Channel Alterations	
	Straightening:	Straightening
	Length (ft.):	582.9
	Dredging:	None



Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: 4.56

Reach: **M1.10 -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.):	544.9 0.0
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	1,391.9 237.2
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	1,183.4 655.6
	Erosion Height (ft.):	4.8 4.2
	Revetment Type:	Multiple Multiple
	Revetment length	378.4 471.7
3.2	<u>Buffer Less Than 25 ft.</u>	1623 2168
3.3	<u>Riparian Corridor</u>	<u>Left</u> <u>Right</u>
	Mass Failures:	78.49 217.4
	Average Height (ft.):	0.0 10.7
	Mass Failures:	Multiple
	Average Heigh (ft.):	10.8
	Gullies:	None
	Number of Gullies	
	Total Length of Gullies (ft.):	
	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:	Small Withdrawal
	Use:	Other
4.7	Stormwater Inputs	
	Overland Flow 0 Road Ditch	1
	Field Ditch 0 Tile Drain	0
	Other 0 Ub Strm Wtr Pipe	0
4.9	Beaver Dams:	0
	Affected length (ft.):	0.0
5.2	Migration Features	
	Flood Chutes:	3
	Neck Cutoffs:	0
	Channel Avulsions:	1
	Braiding:	0
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	2
	Head Cuts:	1
5.4	Animal Crossings:	No
5.5	Channel Alterations	
	Straightening:	Straightening
	Length (ft.):	582.9
	Dredging:	None



Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: 4.56

Reach: **M1.12 -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.):	1,215.5 0.0
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	582.4 0.0
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	95.6 52.8
	Erosion Height (ft.):	3.8 7.0
	Revetment Type:	Rip-Rap Rip-Rap
	Revetment length	33.4 557.9
3.2	<u>Buffer Less Than 25 ft.</u>	294 1015
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	
	Total Length of Gullies (ft.):	
	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	1 Road Ditch	0
Field Ditch	0 Tile Drain	0
Other	0 Ub Strm Wtr Pipe	0
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:	3
	Head Cuts:	1
5.4	Animal Crossings:	No
5.5	Channel Alterations	
	Straightening:	Straightening
	Length (ft.):	995.1
	Dredging:	None



Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: 4.56

Reach: **M1.12 -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.):	1,215.5 0.0
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	582.4 0.0
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	95.6 52.8
	Erosion Height (ft.):	3.8 7.0
	Revetment Type:	Rip-Rap Rip-Rap
	Revetment length	33.4 557.9
3.2	<u>Buffer Less Than 25 ft.</u>	294 1015
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	
	Total Length of Gullies (ft.):	
	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	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:	3
	Head Cuts:	1
5.4	Animal Crossings:	No
5.5	Channel Alterations	
	Straightening:	Straightening
	Length (ft.):	995.1
	Dredging:	None



Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: 4.56

Reach: **M1.13 -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.):	1,004.1	0.0
	Railroad Lenth (ft.):	0.0	0.0
	Development Length:	631.5	0.0
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	235.8	688.9
	Erosion Height (ft.):	4.5	4.5
	Revetment Type:	None	Rip-Rap
	Revetment length	0.0	167.2
3.2	<u>Buffer Less Than 25 ft.</u>	0	722
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:	111.44	57.8
	Average Height (ft.):	36.4	15.0
	Mass Failures:	Multiple	
	Average Heigh (ft.):	28.3	
	Gullies:	None	
	Number of Gullies		
	Total Length of Gullies (ft.):		
	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	1 Road Ditch	0
Field Ditch	0 Tile Drain	0
Other	0 Ub Strm Wtr Pipe	0
4.9	Beaver Dams:	0
	Affected length (ft.):	0.0
5.2	Migration Features	
	Flood Chutes:	6
	Neck Cutoffs:	0
	Channel Avulsions:	0
	Braiding:	0
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	4
	Head Cuts:	0
5.4	Animal Crossings:	No
5.5	Channel Alterations	
	Straightening:	Straightening
	Length (ft.):	1,256.0
	Dredging:	None



Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: 4.56

Reach: T3.02S4.01S1.01 -D

<u>Step</u>	<u>Description</u>	<u>Value</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.):	0.0	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.):	105.9	27.3
	Erosion Height (ft.):	4.1	4.0
	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:	28.53	55.09
	Average Height (ft.):	13.0	15.0
	Mass Failures:	Multiple	
	Average Heigh (ft.):	14.0	
	Gullies:	One	
	Number of Gullies	1	
	Total Length of Gullies (ft.):	30.0	
	Average Height of Gullies	4.0	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	21
4.5	Flow Regulation Type:	Small Withdrawal
	Use:	Other
4.7	Stormwater Inputs	
	Overland Flow	0 Road Ditch 0
	Field Ditch	1 Tile Drain 0
	Other	0 Ub Strm Wtr Pipe 0
4.9	Beaver Dams:	0
	Affected length (ft.):	0.0
5.2	Migration Features	
	Flood Chutes:	7
	Neck Cutoffs:	0
	Channel Avulsions:	1
	Braiding:	0
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	2
	Head Cuts:	7
5.4	Animal Crossings:	Yes
5.5	Channel Alterations	
	Straightening:	None
	Length (ft.):	0.0
	Dredging:	None



Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: 4.56

Reach: **M1.14 -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.):	54.0 0.0
	Path Length (ft.):	0.0 0.0
	Road Length (ft.):	883.5 344.3
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	560.0 45.9
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	97.0 19.0
	Erosion Height (ft.):	4.4 3.0
	Revetment Type:	Rip-Rap Rip-Rap
	Revetment length	223.7 791.7
3.2	<u>Buffer Less Than 25 ft.</u>	616 225
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	
	Total Length of Gullies (ft.):	
	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 2	Ub Strm Wtr Pipe 0
4.9	Beaver Dams:	0
	Affected length (ft.):	0.0
5.2	Migration Features	
	Flood Chutes:	4
	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.):	1,462.5
	Dredging:	None



Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: 4.56

Reach: **M1.14 -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.):	54.0 0.0
	Path Length (ft.):	0.0 0.0
	Road Length (ft.):	883.5 344.3
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	560.0 45.9
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	97.0 19.0
	Erosion Height (ft.):	4.4 3.0
	Revetment Type:	Rip-Rap Rip-Rap
	Revetment length	223.7 791.7
3.2	<u>Buffer Less Than 25 ft.</u>	616 225
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	
	Total Length of Gullies (ft.):	
	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 1
	Field Ditch	0 Tile Drain 0
	Other	0 Ub Strm Wtr Pipe 0
4.9	Beaver Dams:	0
	Affected length (ft.):	0.0
5.2	Migration Features	
	Flood Chutes:	4
	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.):	1,462.5
	Dredging:	None



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
June, 25 2024

Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: **4.56**

Reach: **M1.18 -D**

<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.):	0.0 64.8
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	823.7 19.3
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	24.2 193.7
	Erosion Height (ft.):	10.0 2.3
	Revetment Type:	Rip-Rap Rip-Rap
	Revetment length	96.5 52.0
3.2	<u>Buffer Less Than 25 ft.</u>	763 1540
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 2
	Field Ditch 0	Tile Drain 0
	Other 0	Ub Strm Wtr Pipe 0
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:	2
	Head Cuts:	0
5.4	Animal Crossings:	No
5.5	Channel Alterations	
	Straightening:	Straightening
	Length (ft.):	1,921.6
	Dredging:	None



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
June, 25 2024

Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: **4.56**

Reach: **M1.18 -D**

<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.):	0.0 64.8
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	823.7 19.3
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	24.2 193.7
	Erosion Height (ft.):	10.0 2.3
	Revetment Type:	Rip-Rap Rip-Rap
	Revetment length	96.5 52.0
3.2	<u>Buffer Less Than 25 ft.</u>	763 1540
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 2	Tile Drain 0
	Other 0	Ub Strm Wtr Pipe 0
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:	2
	Head Cuts:	0
5.4	Animal Crossings:	No
5.5	Channel Alterations	
	Straightening:	Straightening
	Length (ft.):	1,921.6
	Dredging:	None



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
June, 25 2024

Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: **4.56**

Reach: **T3.02S4.01S1.01 -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.):	38.5 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.):	92.4 61.3
	Erosion Height (ft.):	11.3 6.8
	Revetment Type:	Rip-Rap None
	Revetment length	25.3 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:	58.35
	Average Height (ft.):	30.0
	Mass Failures:	One
	Average Heigh (ft.):	30.0
	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:	4
4.5	Flow Regulation Type:	None
	Use:	
4.7	Stormwater Inputs	
	Overland Flow 0	Road Ditch 2
	Field Ditch 0	Tile Drain 0
	Other 0	Ub Strm Wtr Pipe 0
4.9	Beaver Dams:	0
	Affected length (ft.):	0.0
5.2	Migration Features	
	Flood Chutes:	4
	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
June, 25 2024

Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: **4.56**

Reach: **T3.02S4.01S1.01 -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.):	38.5 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.):	92.4 61.3
	Erosion Height (ft.):	11.3 6.8
	Revetment Type:	Rip-Rap None
	Revetment length	25.3 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:	58.35
	Average Height (ft.):	30.0
	Mass Failures:	One
	Average Heigh (ft.):	30.0
	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:	4
4.5	Flow Regulation Type:	None
	Use:	
4.7	Stormwater Inputs	
	Overland Flow 1	Road Ditch 0
	Field Ditch 0	Tile Drain 0
	Other 0	Ub Strm Wtr Pipe 0
4.9	Beaver Dams:	0
	Affected length (ft.):	0.0
5.2	Migration Features	
	Flood Chutes:	4
	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



Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: 4.56

Reach: **M1.19 -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.):	0.0 67.1
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	0.0 218.4
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	169.2 28.5
	Erosion Height (ft.):	2.0 2.0
	Revetment Type:	None None
	Revetment length	0.0 0.0
3.2	<u>Buffer Less Than 25 ft.</u>	222 214
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	1 Road Ditch	0
Field Ditch	0 Tile Drain	0
Other	0 Ub Strm Wtr Pipe	0
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.):	1,442.0
	Dredging:	None



Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: 4.56

Reach: **M1.19 -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.):	0.0 67.1
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	0.0 218.4
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	169.2 28.5
	Erosion Height (ft.):	2.0 2.0
	Revetment Type:	None None
	Revetment length	0.0 0.0
3.2	<u>Buffer Less Than 25 ft.</u>	222 214
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	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.):	1,442.0
	Dredging:	None



Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: 4.56

Reach: **M1.19 -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.):	0.0 67.1
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	0.0 218.4
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	169.2 28.5
	Erosion Height (ft.):	2.0 2.0
	Revetment Type:	None None
	Revetment length	0.0 0.0
3.2	<u>Buffer Less Than 25 ft.</u>	222 214
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 0	Road Ditch 0
	Field Ditch 1	Tile Drain 0
	Other 0	Ub Strm Wtr Pipe 0
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.):	1,442.0
	Dredging:	None



Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: 4.56

Reach: T3.02S4.02 -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.):	0.0	84.0
	Railroad Lenth (ft.):	0.0	0.0
	Development Length:	0.0	305.5
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	21.4	112.9
	Erosion Height (ft.):	8.0	3.5
	Revetment Type:	None	Rip-Rap
	Revetment length	0.0	58.0
3.2	<u>Buffer Less Than 25 ft.</u>	234	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		
	Total Length of Gullies (ft.):		
	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:	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.):	127.9
	Dredging:	None



Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: 4.56

Reach: T3.02S4.02 -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.):	0.0	84.0
	Railroad Lenth (ft.):	0.0	0.0
	Development Length:	0.0	305.5
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	21.4	112.9
	Erosion Height (ft.):	8.0	3.5
	Revetment Type:	None	Rip-Rap
	Revetment length	0.0	58.0
3.2	<u>Buffer Less Than 25 ft.</u>	234	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		
	Total Length of Gullies (ft.):		
	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 1
	Field Ditch 0	Tile Drain 0
	Other 0	Ub Strm Wtr Pipe 0
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.):	127.9
	Dredging:	None



Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: 4.56

Reach: T7.01 -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.):	0.0	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	35.1
	Erosion Height (ft.):	0.0	3.0
	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:		
	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:	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:	1
	Affected length (ft.):	100.0
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



Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: 4.56

Reach: **M1.01 -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.):	411.0	230.2
	Railroad Lenth (ft.):	811.0	0.0
	Development Length:	1,188.3	342.5
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	502.4	709.3
	Erosion Height (ft.):	9.2	10.2
	Revetment Type:	Rip-Rap	Rip-Rap
	Revetment length	402.2	140.6
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:		
	Average Height (ft.):		
	Mass Failures:	None	
	Average Heigh (ft.):		
	Gullies:	None	
	Number of Gullies		
	Total Length of Gullies (ft.):		
	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	0
	Road Ditch	0
	Field Ditch	0
	Tile Drain	0
	Other	1
	Ub Strm Wtr Pipe	0
4.9	Beaver Dams:	0
	Affected length (ft.):	0.0
5.2	Migration Features	
	Flood Chutes:	0
	Neck Cutoffs:	0
	Channel Avulsions:	1
	Braiding:	1
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.):	354.9
	Dredging:	None



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
June, 25 2024

Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: **4.56**

Reach: **M1.10 -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.):	888.0	0.0
	Railroad Lenth (ft.):	0.0	0.0
	Development Length:	782.4	12.7
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	112.3	192.7
	Erosion Height (ft.):	0.6	4.8
	Revetment Type:	Rip-Rap	Rip-Rap
	Revetment length	285.5	56.7
3.2	<u>Buffer Less Than 25 ft.</u>	206	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		
	Total Length of Gullies (ft.):		
	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 0	Road Ditch 1
	Field Ditch 0	Tile Drain 0
	Other 0	Ub Strm Wtr Pipe 0
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:	2
	Head Cuts:	0
5.4	Animal Crossings:	No
5.5	Channel Alterations	
	Straightening:	Straightening
	Length (ft.):	540.2
	Dredging:	None



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
June, 25 2024

Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: **4.56**

Reach: **T3.04 -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.):	0.0 0.0
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	619.7 0.0
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	110.0 0.0
	Erosion Height (ft.):	3.0 0.0
	Revetment Type:	Rip-Rap None
	Revetment length	74.6 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:	808.78
	Average Height (ft.):	114.5
	Mass Failures:	Multiple
	Average Heigh (ft.):	125.0
	Gullies:	None
	Number of Gullies	
	Total Length of Gullies (ft.):	
	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:	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:	No
5.5	Channel Alterations	
	Straightening:	None
	Length (ft.):	0.0
	Dredging:	None



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
June, 25 2024

Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: **4.56**

Reach: **T3.03 -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.):	3,266.2 371.2
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	2,368.5 661.2
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	23.0 95.2
	Erosion Height (ft.):	10.0 4.3
	Revetment Type:	Rip-Rap Rip-Rap
	Revetment length	193.6 876.7
3.2	<u>Buffer Less Than 25 ft.</u>	685 1571
3.3	<u>Riparian Corridor</u>	<u>Left</u> <u>Right</u>
	Mass Failures:	25.57 174.65
	Average Height (ft.):	20.0 178.6
	Mass Failures:	Multiple
	Average Heigh (ft.):	81.7
	Gullies:	One
	Number of Gullies	1
	Total Length of Gullies (ft.):	25.0
	Average Height of Gullies	2.0

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	4
4.5	Flow Regulation Type:	None
	Use:	
4.7	Stormwater Inputs	
	Overland Flow 0	Road Ditch 5
	Field Ditch 0	Tile Drain 0
	Other 0	Ub Strm Wtr Pipe 0
4.9	Beaver Dams:	0
	Affected length (ft.):	0.0
5.2	Migration Features	
	Flood Chutes:	8
	Neck Cutoffs:	0
	Channel Avulsions:	1
	Braiding:	0
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	4
	Head Cuts:	0
5.4	Animal Crossings:	No
5.5	Channel Alterations	
	Straightening:	Straightening
	Length (ft.):	1,378.4
	Dredging:	None



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
June, 25 2024

Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: **4.56**

Reach: **M1.18 -C**

<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	
		<u>Both</u>		Use:		
	Berm Length (ft.):	0.0	4.7	Stormwater Inputs		
	Path Length (ft.):	0.0	Overland Flow	0	Road Ditch	0
	Road Length (ft.):	0.0	Field Ditch	1	Tile Drain	0
	Railroad Lenth (ft.):	0.0	Other	0	Ub Strm Wtr Pipe	0
	Development Length:	50.0	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:	3		
	Revetment Type:	None	Neck Cutoffs:	0		
	Revetment length	0.0	Channel Avulsions:	0		
3.2	<u>Buffer Less Than 25 ft.</u>	40	Braiding:	0		
		0	5.3	Steep Riffles and Head Cuts		
3.3	<u>Riparian Corridor</u>	<u>Left</u>	Steep Riffles:	0		
	Mass Failures:		Head Cuts:	0		
	Average Height (ft.):		5.4	Animal Crossings:	No	
	Mass Failures:	None	5.5	Channel Alterations		
	Average Heigh (ft.):		Straightening:	Straightening		
	Gullies:	None	Length (ft.):	66.5		
	Number of Gullies	0	Dredging:	None		
	Total Length of Gullies (ft.):	0.0				
	Average Height of Gullies					



Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: 4.56

Reach: T3.02S4.01S1.01 -C

Step	Description	Value
1.2	Alluvial Fan:	None
1.3	Encroachments - Side	One Both
	Berm Length (ft.):	0.0 0.0
	Path Length (ft.):	0.0 0.0
	Road Length (ft.):	773.6 98.6
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	246.0 38.4
3.1	Erosion - Bank	Left Right
	Erosion Length (ft.):	101.5 0.0
	Erosion Height (ft.):	3.0 0.0
	Revetment Type:	Rip-Rap Rip-Rap
	Revetment length	644.5 122.4
3.2	Buffer Less Than 25 ft.	995 154
3.3	Riparian Corridor	Left Right
	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	

Step	Description	Value
4.4	Number of Debris Jams:	1
4.5	Flow Regulation Type:	None
	Use:	
4.7	Stormwater Inputs	
	Overland Flow 0	Road Ditch 3
	Field Ditch 0	Tile Drain 0
	Other 0	Ub Strm Wtr Pipe 0
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:	No
5.5	Channel Alterations	
	Straightening:	Straightening
	Length (ft.):	1,054.2
	Dredging:	None



Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: 4.56

Reach: T3.02S4.01S1.01 -C

Step	Description	Value
1.2	Alluvial Fan:	None
1.3	Encroachments - Side	One Both
	Berm Length (ft.):	0.0 0.0
	Path Length (ft.):	0.0 0.0
	Road Length (ft.):	773.6 98.6
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	246.0 38.4
3.1	Erosion - Bank	Left Right
	Erosion Length (ft.):	101.5 0.0
	Erosion Height (ft.):	3.0 0.0
	Revetment Type:	Rip-Rap Rip-Rap
	Revetment length	644.5 122.4
3.2	Buffer Less Than 25 ft.	995 154
3.3	Riparian Corridor	Left Right
	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	

Step	Description	Value
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 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:	No
5.5	Channel Alterations	
	Straightening:	Straightening
	Length (ft.):	1,054.2
	Dredging:	None



Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: 4.56

Reach: T3.01 -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.):	0.0	236.9
	Railroad Lenth (ft.):	0.0	0.0
	Development Length:	0.0	834.0
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	0.0	218.0
	Erosion Height (ft.):	0.0	4.5
	Revetment Type:	Multiple	Multiple
	Revetment length	652.1	586.1
3.2	<u>Buffer Less Than 25 ft.</u>	583	656
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		
	Total Length of Gullies (ft.):		
	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	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.):	889.0
	Dredging:	None



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
June, 25 2024

Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: **4.56**

Reach: **M1.16 -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.):	436.3	67.3
	Railroad Lenth (ft.):	0.0	0.0
	Development Length:	251.2	173.4
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	44.2	49.6
	Erosion Height (ft.):	3.0	5.0
	Revetment Type:	Rip-Rap	Rip-Rap
	Revetment length	119.5	49.1
3.2	<u>Buffer Less Than 25 ft.</u>	0	436
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		
	Total Length of Gullies (ft.):		
	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 2
	Field Ditch 0	Tile Drain 0
	Other 0	Ub Strm Wtr Pipe 0
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:	0
	Head Cuts:	0
5.4	Animal Crossings:	No
5.5	Channel Alterations	
	Straightening:	Straightening
	Length (ft.):	411.5
	Dredging:	None



Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: 4.56

Reach: T3.02 -B

Step	Description	Value
1.2	Alluvial Fan:	None
1.3	Encroachments - Side	One Both
	Berm Length (ft.):	0.0 0.0
	Path Length (ft.):	0.0 0.0
	Road Length (ft.):	4,427.5 662.6
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	2,156.4 650.4
3.1	Erosion - Bank	Left Right
	Erosion Length (ft.):	971.7 135.1
	Erosion Height (ft.):	4.3 3.9
	Revetment Type:	Rip-Rap Rip-Rap
	Revetment length	239.8 2,395.8
3.2	Buffer Less Than 25 ft.	820 1808
3.3	Riparian Corridor	Left Right
	Mass Failures:	180.2
	Average Height (ft.):	24.1
	Mass Failures:	Multiple
	Average Heigh (ft.):	22.7
	Gullies:	None
	Number of Gullies	
	Total Length of Gullies (ft.):	
	Average Height of Gullies	

Step	Description	Value
4.4	Number of Debris Jams:	0
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:	4
	Neck Cutoffs:	0
	Channel Avulsions:	0
	Braiding:	0
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	7
	Head Cuts:	0
5.4	Animal Crossings:	No
5.5	Channel Alterations	
	Straightening:	Straightening
	Length (ft.):	3,192.7
	Dredging:	None



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
June, 25 2024

Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: **4.56**

Reach: **T3.02 -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.):	4,427.5 662.6
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	2,156.4 650.4
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	971.7 135.1
	Erosion Height (ft.):	4.3 3.9
	Revetment Type:	Rip-Rap Rip-Rap
	Revetment length	239.8 2,395.8
3.2	<u>Buffer Less Than 25 ft.</u>	820 1808
3.3	<u>Riparian Corridor</u>	<u>Left</u> <u>Right</u>
	Mass Failures:	180.2
	Average Height (ft.):	24.1
	Mass Failures:	Multiple
	Average Heigh (ft.):	22.7
	Gullies:	None
	Number of Gullies	
	Total Length of Gullies (ft.):	
	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 0	Road Ditch 7
	Field Ditch 0	Tile Drain 0
	Other 0	Ub Strm Wtr Pipe 0
4.9	Beaver Dams:	0
	Affected length (ft.):	0.0
5.2	Migration Features	
	Flood Chutes:	4
	Neck Cutoffs:	0
	Channel Avulsions:	0
	Braiding:	0
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	7
	Head Cuts:	0
5.4	Animal Crossings:	No
5.5	Channel Alterations	
	Straightening:	Straightening
	Length (ft.):	3,192.7
	Dredging:	None



Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: 4.56

Reach: T3.02 -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.):	4,427.5 662.6
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	2,156.4 650.4
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	971.7 135.1
	Erosion Height (ft.):	4.3 3.9
	Revetment Type:	Rip-Rap Rip-Rap
	Revetment length	239.8 2,395.8
3.2	<u>Buffer Less Than 25 ft.</u>	820 1808
3.3	<u>Riparian Corridor</u>	<u>Left</u> <u>Right</u>
	Mass Failures:	180.2
	Average Height (ft.):	24.1
	Mass Failures:	Multiple
	Average Heigh (ft.):	22.7
	Gullies:	None
	Number of Gullies	
	Total Length of Gullies (ft.):	
	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 3	Road Ditch 0
	Field Ditch 0	Tile Drain 0
	Other 0	Ub Strm Wtr Pipe 0
4.9	Beaver Dams:	0
	Affected length (ft.):	0.0
5.2	Migration Features	
	Flood Chutes:	4
	Neck Cutoffs:	0
	Channel Avulsions:	0
	Braiding:	0
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	7
	Head Cuts:	0
5.4	Animal Crossings:	No
5.5	Channel Alterations	
	Straightening:	Straightening
	Length (ft.):	3,192.7
	Dredging:	None



Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: 4.56

Reach: **M1.19 -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.):	549.4	81.2
	Railroad Lenth (ft.):	0.0	0.0
	Development Length:	182.9	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:		
	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:	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:	2
	Braiding:	1
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.):	906.2
	Dredging:	None



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
June, 25 2024

Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: **4.56**

Reach: **M1.11 -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.):	0.0 0.0
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	409.3 0.0
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	86.4 104.9
	Erosion Height (ft.):	4.0 4.4
	Revetment Type:	Rip-Rap Rip-Rap
	Revetment length	1,088.2 1,431.0
3.2	<u>Buffer Less Than 25 ft.</u>	1077 1453
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	
	Total Length of Gullies (ft.):	
	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 4	Tile Drain 0
	Other 0	Ub Strm Wtr Pipe 0
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:	Yes
5.5	Channel Alterations	
	Straightening:	Straightening
	Length (ft.):	1,703.1
	Dredging:	None



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
June, 25 2024

Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: **4.56**

Reach: **M1.11 -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.):	0.0 0.0
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	409.3 0.0
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	86.4 104.9
	Erosion Height (ft.):	4.0 4.4
	Revetment Type:	Rip-Rap Rip-Rap
	Revetment length	1,088.2 1,431.0
3.2	<u>Buffer Less Than 25 ft.</u>	1077 1453
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	
	Total Length of Gullies (ft.):	
	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	1 Road Ditch	0
Field Ditch	0 Tile Drain	0
Other	0 Ub Strm Wtr Pipe	0
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:	Yes
5.5	Channel Alterations	
	Straightening:	Straightening
	Length (ft.):	1,703.1
	Dredging:	None



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
June, 25 2024

Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: **4.56**

Reach: **M1.11 -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.):	0.0 0.0
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	409.3 0.0
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	86.4 104.9
	Erosion Height (ft.):	4.0 4.4
	Revetment Type:	Rip-Rap Rip-Rap
	Revetment length	1,088.2 1,431.0
3.2	<u>Buffer Less Than 25 ft.</u>	1077 1453
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	
	Total Length of Gullies (ft.):	
	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 1
	Other 0	Ub Strm Wtr Pipe 0
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:	Yes
5.5	Channel Alterations	
	Straightening:	Straightening
	Length (ft.):	1,703.1
	Dredging:	None



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
June, 25 2024

Phase 2 - FIT - Legacy Data Report

Stevens Branch

SGAT Version: **4.56**

Reach: **M1.11 -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.):	0.0 0.0
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	409.3 0.0
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	86.4 104.9
	Erosion Height (ft.):	4.0 4.4
	Revetment Type:	Rip-Rap Rip-Rap
	Revetment length	1,088.2 1,431.0
3.2	<u>Buffer Less Than 25 ft.</u>	1077 1453
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	
	Total Length of Gullies (ft.):	
	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 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:	0
	Head Cuts:	0
5.4	Animal Crossings:	Yes
5.5	Channel Alterations	
	Straightening:	Straightening
	Length (ft.):	1,703.1
	Dredging:	None