



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
June, 17 2026

Phase 2 - FIT - Legacy Data Report

Gihon

SGAT Version: 3

Reach: **M13 -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.):	197.9	0.0
	Railroad Lenth (ft.):	0.0	0.0
	Development Length:	406.7	0.0
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	296.3	182.4
	Erosion Height (ft.):	10.2	5.0
	Revetment Type:	Rip-Rap	None
	Revetment length:	340.1	0.0
3.2	<u>Buffer Less Than 25 ft.</u>		
3.3	<u>Riparian Corridor</u>		
	Mass Failures:	None	
	Average Height (ft.):	0.0	
	Gullies:	None	
	Average Height (ft.):	0.0	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	0
4.7	Stormwater Inputs	0
4.9	Beaver Dams:	0
	Affected length:	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:	1
	Head Cuts:	0
5.4	Animal Crossings:	No
5.5	Channel Alterations	
	Straightening:	None
	Dredging:	None



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SGAT Version: 3

Reach: **M12 -0**

<u>Step</u>	<u>Description</u>	<u>Value</u>		<u>Step</u>	<u>Description</u>	<u>Value</u>
1.2	Alluvial Fan:	None		4.4	Number of Debris Jams:	0
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>	4.7	Stormwater Inputs	0
	Berm Length (ft.):	0.0	0.0	4.9	Beaver Dams:	0
	Path Length (ft.):	0.0	0.0		Affected length:	0
	Road Length (ft.):	0.0	0.0	5.2	Migration Features	
	Railroad Lenth (ft.):	0.0	0.0		Flood Chutes:	10
	Development Length:	0.0	0.0		Neck Cutoffs:	0
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>		Channel Avulsions:	2
	Erosion Length (ft.):	2,105.9	2,393.4		Braiding:	0
	Erosion Height (ft.):	4.1	3.3	5.3	Steep Riffles and Head Cuts	
	Revetment Type:	None	None		Steep Riffles:	10
	Revetment length:	0.0	0.0		Head Cuts:	0
3.2	<u>Buffer Less Than 25 ft.</u>			5.4	Animal Crossings:	Yes
3.3	<u>Riparian Corridor</u>			5.5	Channel Alterations	
	Mass Failures:	Multiple			Straightening:	None
	Average Height (ft.):	50.0			Dredging:	None
	Gullies:	None				
	Average Height (ft.):	0.0				



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SGAT Version: 3

Reach: **M16 -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.):	419.8	0.0
	Railroad Lenth (ft.):	0.0	0.0
	Development Length:	588.7	0.0
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	141.2	146.2
	Erosion Height (ft.):	3.0	3.0
	Revetment Type:	None	Rip-Rap
	Revetment length:	0.0	59.6
3.2	<u>Buffer Less Than 25 ft.</u>		
3.3	<u>Riparian Corridor</u>		
	Mass Failures:	None	
	Average Height (ft.):	0.0	
	Gullies:	None	
	Average Height (ft.):	0.0	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	0
4.7	Stormwater Inputs	0
4.9	Beaver Dams:	0
	Affected length:	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
	Dredging:	None



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Reach: **M04 -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.):	769.6	0.0
	Railroad Lenth (ft.):	0.0	0.0
	Development Length:	144.0	0.0
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	86.8	398.6
	Erosion Height (ft.):	4.0	4.0
	Revetment Type:	Rip-Rap	None
	Revetment length:	172.6	0.0
3.2	<u>Buffer Less Than 25 ft.</u>		
3.3	<u>Riparian Corridor</u>		
	Mass Failures:	None	
	Average Height (ft.):	0.0	
	Gullies:	None	
	Average Height (ft.):	0.0	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	0
4.7	Stormwater Inputs	1
4.9	Beaver Dams:	0
	Affected length:	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
	Dredging:	Gravel Mining



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SGAT Version: **3**

Reach: **M14 -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:	559.2	0.0
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	401.0	472.1
	Erosion Height (ft.):	6.0	4.5
	Revetment Type:	None	Rip-Rap
	Revetment length:	0.0	122.1
3.2	<u>Buffer Less Than 25 ft.</u>		
3.3	<u>Riparian Corridor</u>		
	Mass Failures:	None	
	Average Height (ft.):	0.0	
	Gullies:	None	
	Average Height (ft.):	0.0	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	0
4.7	Stormwater Inputs	0
4.9	Beaver Dams:	0
	Affected length:	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
	Dredging:	None



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SGAT Version: 3

Reach: **M15 -0**

<u>Step</u>	<u>Description</u>	<u>Value</u>		<u>Step</u>	<u>Description</u>	<u>Value</u>
1.2	Alluvial Fan:	None		4.4	Number of Debris Jams:	0
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>	4.7	Stormwater Inputs	0
	Berm Length (ft.):	0.0	0.0	4.9	Beaver Dams:	0
	Path Length (ft.):	0.0	0.0		Affected length:	0
	Road Length (ft.):	0.0	0.0	5.2	Migration Features	
	Railroad Lenth (ft.):	0.0	0.0		Flood Chutes:	3
	Development Length:	0.0	0.0		Neck Cutoffs:	0
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>		Channel Avulsions:	0
	Erosion Length (ft.):	935.4	687.8		Braiding:	0
	Erosion Height (ft.):	2.5	3.4	5.3	Steep Riffles and Head Cuts	
	Revetment Type:	None	Rip-Rap		Steep Riffles:	1
	Revetment length:	0.0	254.3		Head Cuts:	0
3.2	<u>Buffer Less Than 25 ft.</u>			5.4	Animal Crossings:	No
3.3	<u>Riparian Corridor</u>			5.5	Channel Alterations	
	Mass Failures:	None			Straightening:	None
	Average Height (ft.):	0.0			Dredging:	None
	Gullies:	None				
	Average Height (ft.):	0.0				



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SGAT Version: 3

Reach: **M04 -A**

<u>Step</u>	<u>Description</u>	<u>Value</u>	<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	None	4.4	Number of Debris Jams:	0	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>	4.7	Stormwater Inputs	0
	Berm Length (ft.):	0.0	0.0	4.9	Beaver Dams:	0
	Path Length (ft.):	0.0	0.0		Affected length:	0
	Road Length (ft.):	496.1	191.1	5.2	Migration Features	
	Railroad Lenth (ft.):	0.0	0.0		Flood Chutes:	0
	Development Length:	90.4	0.0		Neck Cutoffs:	0
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>		Channel Avulsions:	0
	Erosion Length (ft.):	0.0	0.0		Braiding:	0
	Erosion Height (ft.):	0.0	0.0	5.3	Steep Riffles and Head Cuts	
	Revetment Type:	None	None		Steep Riffles:	0
	Revetment length:	0.0	0.0		Head Cuts:	0
3.2	<u>Buffer Less Than 25 ft.</u>			5.4	Animal Crossings:	No
3.3	<u>Riparian Corridor</u>			5.5	Channel Alterations	
	Mass Failures:	None			Straightening:	None
	Average Height (ft.):	0.0			Dredging:	None
	Gullies:	None				
	Average Height (ft.):	0.0				



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Reach: **M05 -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.):	284.1	0.0
	Path Length (ft.):	0.0	0.0
	Road Length (ft.):	492.5	0.0
	Railroad Lenth (ft.):	0.0	0.0
	Development Length:	0.0	31.3
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	1,787.2	1,247.2
	Erosion Height (ft.):	5.5	4.8
	Revetment Type:	None	Rip-Rap
	Revetment length:	0.0	104.4
3.2	<u>Buffer Less Than 25 ft.</u>		
3.3	<u>Riparian Corridor</u>		
	Mass Failures:	One	
	Average Height (ft.):	100.0	
	Gullies:	None	
	Average Height (ft.):	0.0	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	0
4.7	Stormwater Inputs	2
4.9	Beaver Dams:	0
	Affected length:	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
	Dredging:	Gravel Mining



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SGAT Version: 3

Reach: **M18 -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.):	309.6	0.0
	Railroad Lenth (ft.):	0.0	0.0
	Development Length:	319.5	267.9
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	284.3	176.2
	Erosion Height (ft.):	3.5	3.0
	Revetment Type:	Rip-Rap	Rip-Rap
	Revetment length:	440.9	351.9
3.2	<u>Buffer Less Than 25 ft.</u>		
3.3	<u>Riparian Corridor</u>		
	Mass Failures:	None	
	Average Height (ft.):	0.0	
	Gullies:	None	
	Average Height (ft.):	0.0	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	3
4.7	Stormwater Inputs	1
4.9	Beaver Dams:	0
	Affected length:	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:	1
	Head Cuts:	0
5.4	Animal Crossings:	No
5.5	Channel Alterations	
	Straightening:	Straightening
	Dredging:	None



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SGAT Version: 3

Reach: **M14 -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.):	540.6	402.6
	Erosion Height (ft.):	3.5	2.5
	Revetment Type:	None	None
	Revetment length:	0.0	0.0
3.2	<u>Buffer Less Than 25 ft.</u>		
3.3	<u>Riparian Corridor</u>		
	Mass Failures:	None	
	Average Height (ft.):	0.0	
	Gullies:	None	
	Average Height (ft.):	0.0	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	0
4.7	Stormwater Inputs	0
4.9	Beaver Dams:	0
	Affected length:	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
	Dredging:	None



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Gihon

SGAT Version: 3

Reach: **M09 -A**

<u>Step</u>	<u>Description</u>	<u>Value</u>	<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	None	4.4	Number of Debris Jams:	0	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>	4.7	Stormwater Inputs	1
	Berm Length (ft.):	0.0	0.0	4.9	Beaver Dams:	0
	Path Length (ft.):	0.0	0.0		Affected length:	0
	Road Length (ft.):	741.7	0.0	5.2	Migration Features	
	Railroad Lenth (ft.):	0.0	0.0		Flood Chutes:	1
	Development Length:	0.0	319.7		Neck Cutoffs:	0
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>		Channel Avulsions:	0
	Erosion Length (ft.):	127.1	0.0		Braiding:	0
	Erosion Height (ft.):	4.0	0.0	5.3	Steep Riffles and Head Cuts	
	Revetment Type:	Multiple	Rip-Rap		Steep Riffles:	0
	Revetment length:	246.7	86.2		Head Cuts:	0
3.2	<u>Buffer Less Than 25 ft.</u>			5.4	Animal Crossings:	No
3.3	<u>Riparian Corridor</u>			5.5	Channel Alterations	
	Mass Failures:	None			Straightening:	None
	Average Height (ft.):	0.0			Dredging:	Gravel Mining
	Gullies:	None				
	Average Height (ft.):	0.0				



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SGAT Version: 3

Reach: **M09 -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>	4.7	Stormwater Inputs	0
	Berm Length (ft.):	0.0	4.9	Beaver Dams:	0
	Path Length (ft.):	0.0		Affected length:	0
	Road Length (ft.):	0.0	5.2	Migration Features	
	Railroad Lenth (ft.):	0.0		Flood Chutes:	2
	Development Length:	0.0		Neck Cutoffs:	0
3.1	<u>Erosion - Bank</u>	<u>Left</u>		Channel Avulsions:	0
	Erosion Length (ft.):	609.9		Braiding:	0
	Erosion Height (ft.):	4.3	5.3	Steep Riffles and Head Cuts	
	Revetment Type:	None		Steep Riffles:	1
	Revetment length:	0.0		Head Cuts:	0
3.2	<u>Buffer Less Than 25 ft.</u>		5.4	Animal Crossings:	No
3.3	<u>Riparian Corridor</u>		5.5	Channel Alterations	
	Mass Failures:	None		Straightening:	None
	Average Height (ft.):	0.0		Dredging:	None
	Gullies:	None			
	Average Height (ft.):	0.0			



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SGAT Version: **3**

Reach: **M14 -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.):	977.7	519.3
	Railroad Lenth (ft.):	0.0	0.0
	Development Length:	1,229.6	1,234.5
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	518.5	562.2
	Erosion Height (ft.):	7.9	4.1
	Revetment Type:	Rip-Rap	Rip-Rap
	Revetment length:	801.1	229.6
3.2	<u>Buffer Less Than 25 ft.</u>		
3.3	<u>Riparian Corridor</u>		
	Mass Failures:	None	
	Average Height (ft.):	0.0	
	Gullies:	None	
	Average Height (ft.):	0.0	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	0
4.7	Stormwater Inputs	0
4.9	Beaver Dams:	0
	Affected length:	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
	Dredging:	Gravel Mining



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SGAT Version: 3

Reach: **M01 -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.):	81.6	0.0
	Railroad Lenth (ft.):	0.0	0.0
	Development Length:	1,716.1	355.4
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	1,124.1	609.9
	Erosion Height (ft.):	4.0	4.0
	Revetment Type:	Rip-Rap	Rip-Rap
	Revetment length:	453.0	722.4
3.2	<u>Buffer Less Than 25 ft.</u>		
3.3	<u>Riparian Corridor</u>		
	Mass Failures:	None	
	Average Height (ft.):	0.0	
	Gullies:	None	
	Average Height (ft.):	0.0	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	0
4.7	Stormwater Inputs	0
4.9	Beaver Dams:	0
	Affected length:	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
	Dredging:	Gravel Mining



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Gihon

SGAT Version: 3

Reach: **M13 -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.):	1,124.8	665.1
	Railroad Lenth (ft.):	0.0	0.0
	Development Length:	1,141.6	240.7
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	851.5	153.5
	Erosion Height (ft.):	7.0	7.2
	Revetment Type:	Rip-Rap	Multiple
	Revetment length:	1,289.0	296.9
3.2	<u>Buffer Less Than 25 ft.</u>		
3.3	<u>Riparian Corridor</u>		
	Mass Failures:	None	
	Average Height (ft.):	0.0	
	Gullies:	None	
	Average Height (ft.):	0.0	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	0
4.7	Stormwater Inputs	3
4.9	Beaver Dams:	0
	Affected length:	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:	0
5.4	Animal Crossings:	No
5.5	Channel Alterations	
	Straightening:	Straightening
	Dredging:	None



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SGAT Version: 3

Reach: **M02 -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.):	1,446.4	475.4
	Railroad Lenth (ft.):	0.0	0.0
	Development Length:	401.2	114.4
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	None
	Revetment length:	23.3	0.0
3.2	<u>Buffer Less Than 25 ft.</u>		
3.3	<u>Riparian Corridor</u>		
	Mass Failures:	None	
	Average Height (ft.):	0.0	
	Gullies:	None	
	Average Height (ft.):	0.0	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	0
4.7	Stormwater Inputs	0
4.9	Beaver Dams:	0
	Affected length:	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
	Dredging:	Gravel Mining



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SGAT Version: 3

Reach: **M03 -0**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	None	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	0.0	0.0
	Path Length (ft.):	0.0	0.0
	Road Length (ft.):	2,808.2	0.0
	Railroad Lenth (ft.):	0.0	0.0
	Development Length:	2,051.5	77.3
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	237.7	393.4
	Erosion Height (ft.):	4.0	4.0
	Revetment Type:	Rip-Rap	Rip-Rap
	Revetment length:	747.4	295.2
3.2	<u>Buffer Less Than 25 ft.</u>		
3.3	<u>Riparian Corridor</u>		
	Mass Failures:	One	
	Average Height (ft.):	30.0	
	Gullies:	None	
	Average Height (ft.):	0.0	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	0
4.7	Stormwater Inputs	1
4.9	Beaver Dams:	0
	Affected length:	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
	Dredging:	None



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SGAT Version: **3**

Reach: **M17 -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:	119.9	57.9
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	405.3	309.3
	Erosion Height (ft.):	5.0	4.0
	Revetment Type:	Rip-Rap	Rip-Rap
	Revetment length:	357.9	416.9
3.2	<u>Buffer Less Than 25 ft.</u>		
3.3	<u>Riparian Corridor</u>		
	Mass Failures:	None	
	Average Height (ft.):	0.0	
	Gullies:	None	
	Average Height (ft.):	0.0	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	1
4.7	Stormwater Inputs	0
4.9	Beaver Dams:	0
	Affected length:	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
	Dredging:	Dredging



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SGAT Version: 3

Reach: **M11 -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.):	865.0	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	0.0
	Erosion Height (ft.):	0.0	0.0
	Revetment Type:	Rip-Rap	Rip-Rap
	Revetment length:	586.9	254.0
3.2	<u>Buffer Less Than 25 ft.</u>		
3.3	<u>Riparian Corridor</u>		
	Mass Failures:	None	
	Average Height (ft.):	0.0	
	Gullies:	None	
	Average Height (ft.):	0.0	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	1
4.7	Stormwater Inputs	1
4.9	Beaver Dams:	0
	Affected length:	0
5.2	Migration Features	
	Flood Chutes:	2
	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
	Dredging:	None



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SGAT Version: 3

Reach: **M06 -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.):	1,631.8	0.0
	Railroad Lenth (ft.):	0.0	0.0
	Development Length:	259.5	0.0
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	861.0	1,115.7
	Erosion Height (ft.):	5.4	5.0
	Revetment Type:	None	Other
	Revetment length:	0.0	168.7
3.2	<u>Buffer Less Than 25 ft.</u>		
3.3	<u>Riparian Corridor</u>		
	Mass Failures:	None	
	Average Height (ft.):	0.0	
	Gullies:	None	
	Average Height (ft.):	0.0	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	0
4.7	Stormwater Inputs	1
4.9	Beaver Dams:	0
	Affected length:	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
	Dredging:	None



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SGAT Version: 3

Reach: **M08 -0**

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



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SGAT Version: 3

Reach: **M10 -0**

<u>Step</u>	<u>Description</u>	<u>Value</u>	<u>Step</u>	<u>Description</u>	<u>Value</u>
1.2	Alluvial Fan:	None	4.4	Number of Debris Jams:	0
1.3	<u>Encroachments - Side</u>	<u>One</u>	4.7	Stormwater Inputs	0
	Berm Length (ft.):	0.0	4.9	Beaver Dams:	0
	Path Length (ft.):	0.0		Affected length:	0
	Road Length (ft.):	0.0	5.2	Migration Features	
	Railroad Lenth (ft.):	0.0		Flood Chutes:	7
	Development Length:	0.0		Neck Cutoffs:	0
3.1	<u>Erosion - Bank</u>	<u>Left</u>		Channel Avulsions:	2
	Erosion Length (ft.):	1,694.8		Braiding:	0
	Erosion Height (ft.):	3.8	5.3	Steep Riffles and Head Cuts	
	Revetment Type:	Rip-Rap		Steep Riffles:	7
	Revetment length:	47.2		Head Cuts:	0
3.2	<u>Buffer Less Than 25 ft.</u>		5.4	Animal Crossings:	No
3.3	<u>Riparian Corridor</u>		5.5	Channel Alterations	
	Mass Failures:	None		Straightening:	None
	Average Height (ft.):	0.0		Dredging:	None
	Gullies:	None			
	Average Height (ft.):	0.0			



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SGAT Version: 3

Reach: **M11 -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.):	672.0	0.0
	Railroad Lenth (ft.):	0.0	0.0
	Development Length:	571.7	0.0
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	119.6	192.3
	Erosion Height (ft.):	4.0	4.0
	Revetment Type:	Rip-Rap	Rip-Rap
	Revetment length:	30.7	30.2
3.2	<u>Buffer Less Than 25 ft.</u>		
3.3	<u>Riparian Corridor</u>		
	Mass Failures:	None	
	Average Height (ft.):	0.0	
	Gullies:	None	
	Average Height (ft.):	0.0	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	0
4.7	Stormwater Inputs	1
4.9	Beaver Dams:	0
	Affected length:	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
	Dredging:	None



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SGAT Version: 3

Reach: **M16 -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.):	1,905.6	0.0
	Railroad Lenth (ft.):	0.0	0.0
	Development Length:	658.4	162.9
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	229.9	80.9
	Erosion Height (ft.):	3.0	3.0
	Revetment Type:	Rip-Rap	Multiple
	Revetment length:	133.0	731.0
3.2	<u>Buffer Less Than 25 ft.</u>		
3.3	<u>Riparian Corridor</u>		
	Mass Failures:	None	
	Average Height (ft.):	0.0	
	Gullies:	None	
	Average Height (ft.):	0.0	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	0
4.7	Stormwater Inputs	0
4.9	Beaver Dams:	0
	Affected length:	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
	Dredging:	None



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SGAT Version: 3

Reach: **M16 -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>	4.7	Stormwater Inputs	0
	Berm Length (ft.):	0.0	4.9	Beaver Dams:	0
	Path Length (ft.):	0.0		Affected length:	0
	Road Length (ft.):	0.0	5.2	Migration Features	
	Railroad Lenth (ft.):	0.0		Flood Chutes:	1
	Development Length:	0.0		Neck Cutoffs:	0
3.1	<u>Erosion - Bank</u>	<u>Left</u>		Channel Avulsions:	0
	Erosion Length (ft.):	944.1		Braiding:	0
	Erosion Height (ft.):	3.2	5.3	Steep Riffles and Head Cuts	
	Revetment Type:	Rip-Rap		Steep Riffles:	1
	Revetment length:	410.5		Head Cuts:	0
3.2	<u>Buffer Less Than 25 ft.</u>		5.4	Animal Crossings:	No
3.3	<u>Riparian Corridor</u>		5.5	Channel Alterations	
	Mass Failures:	None		Straightening:	Straightening
	Average Height (ft.):	0.0		Dredging:	None
	Gullies:	None			
	Average Height (ft.):	0.0			



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SGAT Version: 3

Reach: **M07 -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.):	1,549.2	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.):	1,345.0	1,223.8
	Erosion Height (ft.):	4.5	5.1
	Revetment Type:	None	Rip-Rap
	Revetment length:	0.0	378.6
3.2	<u>Buffer Less Than 25 ft.</u>		
3.3	<u>Riparian Corridor</u>		
	Mass Failures:	None	
	Average Height (ft.):	0.0	
	Gullies:	None	
	Average Height (ft.):	0.0	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	0
4.7	Stormwater Inputs	3
4.9	Beaver Dams:	0
	Affected length:	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:	Straightening
	Dredging:	None



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SGAT Version: 3

Reach: **M18 -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.):	2,040.7	0.0
	Railroad Lenth (ft.):	0.0	0.0
	Development Length:	77.5	167.9
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	404.3	0.0
	Erosion Height (ft.):	2.3	0.0
	Revetment Type:	Rip-Rap	Rip-Rap
	Revetment length:	138.0	23.7
3.2	<u>Buffer Less Than 25 ft.</u>		
3.3	<u>Riparian Corridor</u>		
	Mass Failures:	None	
	Average Height (ft.):	0.0	
	Gullies:	None	
	Average Height (ft.):	0.0	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	1
4.7	Stormwater Inputs	0
4.9	Beaver Dams:	0
	Affected length:	0
5.2	Migration Features	
	Flood Chutes:	6
	Neck Cutoffs:	0
	Channel Avulsions:	1
	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
	Dredging:	None



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SGAT Version: 3

Reach: **M01 -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>	<u>Both</u>	4.7	Stormwater Inputs	4
	Berm Length (ft.):	0.0	0.0	4.9	Beaver Dams:	0
	Path Length (ft.):	0.0	0.0		Affected length:	0
	Road Length (ft.):	1,157.1	0.0	5.2	Migration Features	
	Railroad Lenth (ft.):	0.0	0.0		Flood Chutes:	1
	Development Length:	895.7	1,477.9		Neck Cutoffs:	0
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>		Channel Avulsions:	0
	Erosion Length (ft.):	575.6	100.6		Braiding:	0
	Erosion Height (ft.):	5.4	4.0	5.3	Steep Riffles and Head Cuts	
	Revetment Type:	Multiple	Multiple		Steep Riffles:	0
	Revetment length:	932.7	616.4		Head Cuts:	0
3.2	<u>Buffer Less Than 25 ft.</u>			5.4	Animal Crossings:	No
3.3	<u>Riparian Corridor</u>			5.5	Channel Alterations	
	Mass Failures:	None			Straightening:	Straightening
	Average Height (ft.):	0.0			Dredging:	None
	Gullies:	None				
	Average Height (ft.):	0.0				



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
June, 17 2026

Phase 2 - FIT - Legacy Data Report

Gihon

SGAT Version: 3

Reach: **M17 -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.):	2,673.2	0.0
	Railroad Lenth (ft.):	0.0	0.0
	Development Length:	228.1	56.3
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	753.2	211.6
	Erosion Height (ft.):	3.2	3.0
	Revetment Type:	Rip-Rap	Multiple
	Revetment length:	453.9	398.9
3.2	<u>Buffer Less Than 25 ft.</u>		
3.3	<u>Riparian Corridor</u>		
	Mass Failures:	None	
	Average Height (ft.):	0.0	
	Gullies:	None	
	Average Height (ft.):	0.0	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	1
4.7	Stormwater Inputs	0
4.9	Beaver Dams:	2
	Affected length:	1200
5.2	Migration Features	
	Flood Chutes:	9
	Neck Cutoffs:	0
	Channel Avulsions:	1
	Braiding:	0
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	8
	Head Cuts:	0
5.4	Animal Crossings:	No
5.5	Channel Alterations	
	Straightening:	Straightening
	Dredging:	None