



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
June, 17 2026

## Phase 2 - FIT - Legacy Data Report

## Rock River

SGAT Version: **4.56**

Reach: **M1S1.02 -A**

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

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



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **M1S1.03 -A**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>637.4</b>	<b>0.0</b>
	Path Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Road Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b>	<b>0.0</b>
	Development Length:	<b>0.0</b>	<b>20.9</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>578.8</b>	<b>717.3</b>
	Erosion Height (ft.):	<b>3.4</b>	<b>3.4</b>
	Revetment Type:	<b>Rip-Rap</b>	<b>Rip-Rap</b>
	Revetment length	<b>12.0</b>	<b>12.6</b>
3.2	<u>Buffer Less Than 25 ft.</u>		
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):	<b>0.0</b>	<b>0.0</b>
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):	<b>0.0</b>	
	Gullies:	<b>None</b>	
	Number of Gullies		
	Total Length of Gullies (ft.):		
	Average Height of Gullies	<b>0.0</b>	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>3</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow <b>0</b>	Road Ditch <b>0</b>
	Field Ditch <b>0</b>	Tile Drain <b>0</b>
	Other <b>4</b>	Ub Strm Wtr Pipe <b>0</b>
4.9	Beaver Dams:	<b>1</b>
	Affected length (ft.):	<b>50.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>0</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>1</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>1</b>
5.4	Animal Crossings:	<b>No</b>
5.5	Channel Alterations	
	Straightening:	<b>Straightening</b>
	Length (ft.):	<b>1,501.7</b>
	Dredging:	<b>Dredging</b>



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **M5S5.01 -D**

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

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>0</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	Road Ditch
	Field Ditch	Tile Drain
	Other	Ub Strm Wtr Pipe
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>0</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>No</b>
5.5	Channel Alterations	
	Straightening:	<b>Straightening</b>
	Length (ft.):	<b>1,763.0</b>
	Dredging:	<b>None</b>



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
June, 17 2026

## Phase 2 - FIT - Legacy Data Report

## Rock River

SGAT Version: **4.56**

Reach: **M04 -B**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Path Length (ft.):	<b>188.5</b>	<b>0.0</b>
	Road Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b>	<b>0.0</b>
	Development Length:	<b>0.0</b>	<b>10.3</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>945.7</b>	<b>242.0</b>
	Erosion Height (ft.):	<b>5.3</b>	<b>4.0</b>
	Revetment Type:	<b>None</b>	<b>None</b>
	Revetment length	<b>0.0</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>		
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:	<b>0</b>	<b>0</b>
	Average Height (ft.):	<b>0.0</b>	<b>0.0</b>
	Mass Failures:	<b>Multiple</b>	
	Average Heigh (ft.):	<b>12.0</b>	
	Gullies:	<b>None</b>	
	Number of Gullies		
	Total Length of Gullies (ft.):		
	Average Height of Gullies	<b>0.0</b>	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>4</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow <b>0</b>	Road Ditch <b>0</b>
	Field Ditch <b>0</b>	Tile Drain <b>0</b>
	Other <b>1</b>	Ub Strm Wtr Pipe <b>0</b>
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>0</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>1</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>Yes</b>
5.5	Channel Alterations	
	Straightening:	<b>None</b>
	Length (ft.):	<b>0.0</b>
	Dredging:	<b>None</b>



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **M5S5.01 -C**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Path Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Road Length (ft.):	<b>484.7</b>	<b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b>	<b>0.0</b>
	Development Length:	<b>171.5</b>	<b>98.1</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Erosion Height (ft.):	<b>0.0</b>	<b>0.0</b>
	Revetment Type:	<b>None</b>	<b>None</b>
	Revetment length	<b>0.0</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>		
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):	<b>0.0</b>	<b>0.0</b>
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>None</b>	
	Number of Gullies	<b>0</b>	
	Total Length of Gullies (ft.):	<b>0.0</b>	
	Average Height of Gullies		

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>0</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow <b>0</b>	Road Ditch <b>0</b>
	Field Ditch <b>0</b>	Tile Drain <b>0</b>
	Other <b>4</b>	Ub Strm Wtr Pipe <b>0</b>
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>0</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>No</b>
5.5	Channel Alterations	
	Straightening:	<b>Straightening</b>
	Length (ft.):	<b>978.9</b>
	Dredging:	<b>Dredging</b>



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **M6S1.01 -C**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Path Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Road Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b>	<b>0.0</b>
	Development Length:	<b>0.0</b>	<b>107.8</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Erosion Height (ft.):	<b>0.0</b>	<b>0.0</b>
	Revetment Type:	<b>Rip-Rap</b>	<b>Rip-Rap</b>
	Revetment length	<b>31.1</b>	<b>26.1</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>0</b>	<b>0</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):	<b>0.0</b>	<b>0.0</b>
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>None</b>	
	Number of Gullies	<b>0</b>	
	Total Length of Gullies (ft.):	<b>0.0</b>	
	Average Height of Gullies		

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>0</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow <b>0</b>	Road Ditch <b>0</b>
	Field Ditch <b>0</b>	Tile Drain <b>0</b>
	Other <b>2</b>	Ub Strm Wtr Pipe <b>0</b>
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>0</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>No</b>
5.5	Channel Alterations	
	Straightening:	<b>Straightening</b>
	Length (ft.):	<b>1,014.2</b>
	Dredging:	<b>None</b>



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **M04 -A**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):		
	Path Length (ft.):		
	Road Length (ft.):		
	Railroad Lenth (ft.):		
	Development Length:		
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>0.0</b>	<b>19.9</b>
	Erosion Height (ft.):	<b>0.0</b>	<b>6.0</b>
	Revetment Type:	<b>None</b>	<b>None</b>
	Revetment length	<b>0.0</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>0</b>	<b>0</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>Multiple</b>	
	Number of Gullies	<b>5</b>	
	Total Length of Gullies (ft.):	<b>306.0</b>	
	Average Height of Gullies	<b>2.8</b>	

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



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
June, 17 2026

## Phase 2 - FIT - Legacy Data Report

## Rock River

SGAT Version: **4.56**

Reach: **M04 -B**

<u>Step</u>	<u>Description</u>	<u>Value</u>
1.2	Alluvial Fan:	<b>None</b>
1.3	<u>Encroachments - Side</u>	<u>One</u> <u>Both</u>
	Berm Length (ft.):	<b>0.0</b> <b>0.0</b>
	Path Length (ft.):	<b>188.5</b> <b>0.0</b>
	Road Length (ft.):	<b>0.0</b> <b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b> <b>0.0</b>
	Development Length:	<b>0.0</b> <b>10.3</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	<b>945.8</b> <b>424.2</b>
	Erosion Height (ft.):	<b>5.3</b> <b>5.2</b>
	Revetment Type:	<b>None</b> <b>None</b>
	Revetment length	<b>0.0</b> <b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>0</b> <b>0</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u> <u>Right</u>
	Mass Failures:	<b>82.36147</b>
	Average Height (ft.):	<b>20.0</b>
	Mass Failures:	<b>One</b>
	Average Heigh (ft.):	<b>20.0</b>
	Gullies:	<b>Multiple</b>
	Number of Gullies	<b>5</b>
	Total Length of Gullies (ft.):	<b>330.0</b>
	Average Height of Gullies	<b>2.0</b>

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>14</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow <b>0</b>	Road Ditch <b>0</b>
	Field Ditch <b>0</b>	Tile Drain <b>1</b>
	Other <b>0</b>	Ub Strm Wtr Pipe <b>0</b>
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>0</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>Yes</b>
5.5	Channel Alterations	
	Straightening:	<b>None</b>
	Length (ft.):	<b>0.0</b>
	Dredging:	<b>Dredging</b>



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **M04 -B**

<u>Step</u>	<u>Description</u>	<u>Value</u>
1.2	Alluvial Fan:	<b>None</b>
1.3	<u>Encroachments - Side</u>	<u>One</u> <u>Both</u>
	Berm Length (ft.):	<b>0.0</b> <b>0.0</b>
	Path Length (ft.):	<b>188.5</b> <b>0.0</b>
	Road Length (ft.):	<b>0.0</b> <b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b> <b>0.0</b>
	Development Length:	<b>0.0</b> <b>10.3</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	<b>945.8</b> <b>424.2</b>
	Erosion Height (ft.):	<b>5.3</b> <b>5.2</b>
	Revetment Type:	<b>None</b> <b>None</b>
	Revetment length	<b>0.0</b> <b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>0</b> <b>0</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u> <u>Right</u>
	Mass Failures:	<b>82.36147</b>
	Average Height (ft.):	<b>20.0</b>
	Mass Failures:	<b>One</b>
	Average Heigh (ft.):	<b>20.0</b>
	Gullies:	<b>Multiple</b>
	Number of Gullies	<b>5</b>
	Total Length of Gullies (ft.):	<b>330.0</b>
	Average Height of Gullies	<b>2.0</b>

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>14</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow <b>1</b>	Road Ditch <b>0</b>
	Field Ditch <b>0</b>	Tile Drain <b>0</b>
	Other <b>0</b>	Ub Strm Wtr Pipe <b>0</b>
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>0</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>Yes</b>
5.5	Channel Alterations	
	Straightening:	<b>None</b>
	Length (ft.):	<b>0.0</b>
	Dredging:	<b>Dredging</b>



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **M09 -C**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):		
	Path Length (ft.):		
	Road Length (ft.):		
	Railroad Lenth (ft.):		
	Development Length:		
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>16.4</b>	<b>24.4</b>
	Erosion Height (ft.):	<b>3.0</b>	<b>2.0</b>
	Revetment Type:	<b>None</b>	<b>None</b>
	Revetment length	<b>0.0</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>0</b>	<b>0</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>None</b>	
	Number of Gullies	<b>0</b>	
	Total Length of Gullies (ft.):	<b>0.0</b>	
	Average Height of Gullies		

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



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
June, 17 2026

## Phase 2 - FIT - Legacy Data Report

## Rock River

SGAT Version: **4.56**

Reach: **M09 -F**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>922.5</b>	<b>0.0</b>
	Path Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Road Length (ft.):	<b>48.0</b>	<b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b>	<b>0.0</b>
	Development Length:	<b>57.0</b>	<b>110.0</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>0.0</b>	<b>264.2</b>
	Erosion Height (ft.):	<b>0.0</b>	<b>3.8</b>
	Revetment Type:	<b>Rip-Rap</b>	<b>Rip-Rap</b>
	Revetment length	<b>36.0</b>	<b>310.8</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>0</b>	<b>527</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>One</b>	
	Number of Gullies	<b>1</b>	
	Total Length of Gullies (ft.):	<b>8.0</b>	
	Average Height of Gullies	<b>3.0</b>	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>1</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow <b>0</b>	Road Ditch <b>1</b>
	Field Ditch <b>0</b>	Tile Drain <b>0</b>
	Other <b>0</b>	Ub Strm Wtr Pipe <b>0</b>
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>0</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>No</b>
5.5	Channel Alterations	
	Straightening:	<b>Straightening</b>
	Length (ft.):	<b>1,873.4</b>
	Dredging:	<b>Dredging</b>



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
June, 17 2026

## Phase 2 - FIT - Legacy Data Report

## Rock River

SGAT Version: **4.56**

Reach: **M09 -F**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>922.5</b>	<b>0.0</b>
	Path Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Road Length (ft.):	<b>48.0</b>	<b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b>	<b>0.0</b>
	Development Length:	<b>57.0</b>	<b>110.0</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>0.0</b>	<b>264.2</b>
	Erosion Height (ft.):	<b>0.0</b>	<b>3.8</b>
	Revetment Type:	<b>Rip-Rap</b>	<b>Rip-Rap</b>
	Revetment length	<b>36.0</b>	<b>310.8</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>0</b>	<b>527</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>One</b>	
	Number of Gullies	<b>1</b>	
	Total Length of Gullies (ft.):	<b>8.0</b>	
	Average Height of Gullies	<b>3.0</b>	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>1</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow <b>0</b>	Road Ditch <b>0</b>
	Field Ditch <b>0</b>	Tile Drain <b>3</b>
	Other <b>0</b>	Ub Strm Wtr Pipe <b>0</b>
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>0</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>No</b>
5.5	Channel Alterations	
	Straightening:	<b>Straightening</b>
	Length (ft.):	<b>1,873.4</b>
	Dredging:	<b>Dredging</b>



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **QM.06 -B**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):		
	Path Length (ft.):		
	Road Length (ft.):		
	Railroad Lenth (ft.):		
	Development Length:		
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>84.3</b>	<b>148.9</b>
	Erosion Height (ft.):	<b>4.0</b>	<b>3.0</b>
	Revetment Type:	<b>None</b>	<b>None</b>
	Revetment length	<b>0.0</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>0</b>	<b>0</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:	<b>20.07921</b>	
	Average Height (ft.):	<b>10.0</b>	
	Mass Failures:	<b>One</b>	
	Average Heigh (ft.):	<b>10.0</b>	
	Gullies:	<b>One</b>	
	Number of Gullies	<b>1</b>	
	Total Length of Gullies (ft.):	<b>80.0</b>	
	Average Height of Gullies	<b>3.0</b>	

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



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
June, 17 2026

## Phase 2 - FIT - Legacy Data Report

## Rock River

SGAT Version: **4.56**

Reach: **QT1.01 -A**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>0.0</b>	
	Path Length (ft.):	<b>0.0</b>	
	Road Length (ft.):	<b>382.2</b>	
	Railroad Lenth (ft.):	<b>0.0</b>	
	Development Length:	<b>0.0</b>	
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>374.6</b>	<b>13.2</b>
	Erosion Height (ft.):	<b>2.0</b>	<b>2.0</b>
	Revetment Type:	<b>Rip-Rap</b>	<b>Rip-Rap</b>
	Revetment length	<b>40.2</b>	<b>20.4</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>1453</b>	<b>452</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>None</b>	
	Number of Gullies	<b>0</b>	
	Total Length of Gullies (ft.):	<b>0.0</b>	
	Average Height of Gullies		

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>2</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	Road Ditch
	Field Ditch	Tile Drain
	Other	Ub Strm Wtr Pipe
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>0</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>No</b>
5.5	Channel Alterations	
	Straightening:	<b>Straightening</b>
	Length (ft.):	<b>1,233.0</b>
	Dredging:	<b>None</b>



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **QT1.03 -A**

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

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



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **QT2.01 -0**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):		
	Path Length (ft.):		
	Road Length (ft.):		
	Railroad Lenth (ft.):		
	Development Length:		
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>0.0</b>	<b>32.0</b>
	Erosion Height (ft.):	<b>0.0</b>	<b>3.0</b>
	Revetment Type:	<b>None</b>	<b>None</b>
	Revetment length	<b>0.0</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>1010</b>	<b>1012</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:	<b>19.35119</b>	
	Average Height (ft.):	<b>8.0</b>	
	Mass Failures:	<b>One</b>	
	Average Heigh (ft.):	<b>8.0</b>	
	Gullies:	<b>Multiple</b>	
	Number of Gullies	<b>2</b>	
	Total Length of Gullies (ft.):	<b>40.0</b>	
	Average Height of Gullies	<b>2.0</b>	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>7</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	Road Ditch
	Field Ditch	Tile Drain
	Other	Ub Strm Wtr Pipe
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>0</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>No</b>
5.5	Channel Alterations	
	Straightening:	<b>Straightening</b>
	Length (ft.):	<b>1,025.6</b>
	Dredging:	<b>None</b>



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **M5S2.01 -A**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Path Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Road Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b>	<b>0.0</b>
	Development Length:	<b>0.0</b>	<b>0.0</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>18.1</b>	<b>0.0</b>
	Erosion Height (ft.):	<b>2.0</b>	<b>0.0</b>
	Revetment Type:	<b>None</b>	<b>None</b>
	Revetment length	<b>0.0</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>0</b>	
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):	<b>0.0</b>	<b>0.0</b>
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>None</b>	
	Number of Gullies	<b>0</b>	
	Total Length of Gullies (ft.):	<b>0.0</b>	
	Average Height of Gullies		

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



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **M5S2.01 -C**

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

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>0</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	Road Ditch
	Field Ditch	Tile Drain
	Other	Ub Strm Wtr Pipe
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>0</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>No</b>
5.5	Channel Alterations	
	Straightening:	<b>Straightening</b>
	Length (ft.):	<b>1,683.8</b>
	Dredging:	<b>None</b>



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **M5S4.01 -D**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Path Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Road Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b>	<b>0.0</b>
	Development Length:	<b>0.0</b>	<b>117.2</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>461.8</b>	<b>461.1</b>
	Erosion Height (ft.):	<b>1.0</b>	<b>1.0</b>
	Revetment Type:	<b>None</b>	<b>None</b>
	Revetment length	<b>0.0</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>0</b>	<b>0</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):	<b>0.0</b>	<b>0.0</b>
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>None</b>	
	Number of Gullies	<b>0</b>	
	Total Length of Gullies (ft.):	<b>0.0</b>	
	Average Height of Gullies		

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>0</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow <b>0</b>	Road Ditch <b>0</b>
	Field Ditch <b>0</b>	Tile Drain <b>0</b>
	Other <b>1</b>	Ub Strm Wtr Pipe <b>0</b>
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>0</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>No</b>
5.5	Channel Alterations	
	Straightening:	<b>Straightening</b>
	Length (ft.):	<b>2,813.5</b>
	Dredging:	<b>Dredging</b>



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **M5S4.01 -F**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Path Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Road Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b>	<b>0.0</b>
	Development Length:	<b>0.0</b>	<b>104.8</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Erosion Height (ft.):	<b>0.0</b>	<b>0.0</b>
	Revetment Type:	<b>None</b>	<b>None</b>
	Revetment length	<b>0.0</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>		
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):	<b>0.0</b>	<b>0.0</b>
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>None</b>	
	Number of Gullies	<b>0</b>	
	Total Length of Gullies (ft.):	<b>0.0</b>	
	Average Height of Gullies		

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



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **M6S1.1S1.01 -B**

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

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>0</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	<b>0</b>
	Road Ditch	<b>0</b>
	Field Ditch	<b>0</b>
	Tile Drain	<b>0</b>
	Other	<b>1</b>
	Ub Strm Wtr Pipe	<b>0</b>
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>0</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>No</b>
5.5	Channel Alterations	
	Straightening:	<b>Straightening</b>
	Length (ft.):	<b>1,806.1</b>
	Dredging:	<b>None</b>



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **M1S1.01 -A**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Path Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Road Length (ft.):	<b>589.2</b>	<b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b>	<b>0.0</b>
	Development Length:	<b>0.0</b>	<b>48.4</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>888.1</b>	<b>713.6</b>
	Erosion Height (ft.):	<b>1.4</b>	<b>1.1</b>
	Revetment Type:	<b>Rip-Rap</b>	<b>Rip-Rap</b>
	Revetment length	<b>15.6</b>	<b>113.3</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>469</b>	<b>1791</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>None</b>	
	Number of Gullies	<b>0</b>	
	Total Length of Gullies (ft.):	<b>0.0</b>	
	Average Height of Gullies		

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>3</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	Road Ditch
	Field Ditch	Tile Drain
	Other	Ub Strm Wtr Pipe
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>0</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>Yes</b>
5.5	Channel Alterations	
	Straightening:	<b>Straightening</b>
	Length (ft.):	<b>1,165.1</b>
	Dredging:	<b>None</b>



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
June, 17 2026

## Phase 2 - FIT - Legacy Data Report

## Rock River

SGAT Version: **4.56**

Reach: **M1S1.02 -B**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Path Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Road Length (ft.):	<b>204.5</b>	<b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b>	<b>0.0</b>
	Development Length:	<b>0.0</b>	<b>61.0</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Erosion Height (ft.):	<b>0.0</b>	<b>0.0</b>
	Revetment Type:	<b>Rip-Rap</b>	<b>Rip-Rap</b>
	Revetment length	<b>54.0</b>	<b>57.4</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>0</b>	<b>0</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>None</b>	
	Number of Gullies	<b>0</b>	
	Total Length of Gullies (ft.):	<b>0.0</b>	
	Average Height of Gullies		

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



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **QM.03 -0**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):		
	Path Length (ft.):		
	Road Length (ft.):		
	Railroad Lenth (ft.):		
	Development Length:		
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>291.0</b>	<b>91.1</b>
	Erosion Height (ft.):	<b>4.0</b>	<b>2.0</b>
	Revetment Type:	<b>None</b>	<b>None</b>
	Revetment length	<b>0.0</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>0</b>	<b>297</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>None</b>	
	Number of Gullies	<b>0</b>	
	Total Length of Gullies (ft.):	<b>0.0</b>	
	Average Height of Gullies		

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



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: QM.05 -0

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):		
	Path Length (ft.):		
	Road Length (ft.):		
	Railroad Lenth (ft.):		
	Development Length:		
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>180.7</b>	<b>77.3</b>
	Erosion Height (ft.):	<b>4.6</b>	<b>4.0</b>
	Revetment Type:	<b>None</b>	<b>None</b>
	Revetment length	<b>0.0</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>0</b>	<b>1180</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:	<b>66.25317</b>	
	Average Height (ft.):	<b>20.0</b>	
	Mass Failures:	<b>One</b>	
	Average Heigh (ft.):	<b>20.0</b>	
	Gullies:	<b>Multiple</b>	
	Number of Gullies	<b>10</b>	
	Total Length of Gullies (ft.):	<b>525.0</b>	
	Average Height of Gullies	<b>2.4</b>	

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



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **QT2.03 -0**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):		
	Path Length (ft.):		
	Road Length (ft.):		
	Railroad Lenth (ft.):		
	Development Length:		
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>343.0</b>	<b>658.7</b>
	Erosion Height (ft.):	<b>2.8</b>	<b>2.6</b>
	Revetment Type:	<b>None</b>	<b>None</b>
	Revetment length	<b>0.0</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>0</b>	<b>581</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>Multiple</b>	
	Number of Gullies	<b>3</b>	
	Total Length of Gullies (ft.):	<b>170.0</b>	
	Average Height of Gullies	<b>1.7</b>	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>12</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	Road Ditch
	Field Ditch	Tile Drain
	Other	Ub Strm Wtr Pipe
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>0</b>
	Neck Cutoffs:	<b>1</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>No</b>
5.5	Channel Alterations	
	Straightening:	<b>Straightening</b>
	Length (ft.):	<b>1,314.4</b>
	Dredging:	<b>None</b>



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **QT2.05 -0**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):		
	Path Length (ft.):		
	Road Length (ft.):		
	Railroad Lenth (ft.):		
	Development Length:		
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>125.0</b>	<b>140.7</b>
	Erosion Height (ft.):	<b>2.6</b>	<b>2.1</b>
	Revetment Type:	<b>None</b>	<b>None</b>
	Revetment length	<b>0.0</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>299</b>	<b>0</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:	<b>13.07791</b>	
	Average Height (ft.):	<b>5.0</b>	
	Mass Failures:	<b>One</b>	
	Average Heigh (ft.):	<b>5.0</b>	
	Gullies:	<b>One</b>	
	Number of Gullies	<b>1</b>	
	Total Length of Gullies (ft.):	<b>60.0</b>	
	Average Height of Gullies	<b>2.0</b>	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>0</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	Road Ditch
	Field Ditch	Tile Drain
	Other	Ub Strm Wtr Pipe
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>0</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>Yes</b>
5.5	Channel Alterations	
	Straightening:	<b>Straightening</b>
	Length (ft.):	<b>305.7</b>
	Dredging:	<b>None</b>



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **M1S1.02 -B**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Path Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Road Length (ft.):	<b>204.5</b>	<b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b>	<b>0.0</b>
	Development Length:	<b>0.0</b>	<b>61.0</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Erosion Height (ft.):	<b>0.0</b>	<b>0.0</b>
	Revetment Type:	<b>Rip-Rap</b>	<b>Rip-Rap</b>
	Revetment length	<b>54.0</b>	<b>57.4</b>
3.2	<u>Buffer Less Than 25 ft.</u>		
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):	<b>0.0</b>	<b>0.0</b>
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):	<b>0.0</b>	
	Gullies:	<b>None</b>	
	Number of Gullies		
	Total Length of Gullies (ft.):		
	Average Height of Gullies	<b>0.0</b>	

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



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **M5S3.01 -B**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Path Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Road Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b>	<b>0.0</b>
	Development Length:	<b>0.0</b>	<b>37.1</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Erosion Height (ft.):	<b>0.0</b>	<b>0.0</b>
	Revetment Type:	<b>None</b>	<b>None</b>
	Revetment length	<b>0.0</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>		
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):	<b>0.0</b>	<b>0.0</b>
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):	<b>0.0</b>	
	Gullies:	<b>None</b>	
	Number of Gullies		
	Total Length of Gullies (ft.):		
	Average Height of Gullies	<b>0.0</b>	

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



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **M5S4.01 -B**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Path Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Road Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b>	<b>0.0</b>
	Development Length:	<b>0.0</b>	<b>0.0</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>23.2</b>	<b>30.1</b>
	Erosion Height (ft.):	<b>4.0</b>	<b>4.0</b>
	Revetment Type:	<b>None</b>	<b>None</b>
	Revetment length	<b>0.0</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>		
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):	<b>0.0</b>	<b>0.0</b>
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):	<b>0.0</b>	
	Gullies:	<b>Multiple</b>	
	Number of Gullies		
	Total Length of Gullies (ft.):		
	Average Height of Gullies	<b>20.0</b>	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>11</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow <b>0</b>	Road Ditch <b>0</b>
	Field Ditch <b>0</b>	Tile Drain <b>0</b>
	Other <b>2</b>	Ub Strm Wtr Pipe <b>0</b>
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>0</b>
	Neck Cutoffs:	<b>1</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>No</b>
5.5	Channel Alterations	
	Straightening:	<b>None</b>
	Length (ft.):	<b>0.0</b>
	Dredging:	<b>None</b>



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **M04 -A**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:		
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):		
	Path Length (ft.):		
	Road Length (ft.):		
	Railroad Lenth (ft.):		
	Development Length:		
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):		
	Erosion Height (ft.):		
	Revetment Type:		
	Revetment length		
3.2	<u>Buffer Less Than 25 ft.</u>		
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:		
	Average Heigh (ft.):		
	Gullies:		
	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:	
4.5	Flow Regulation Type:	
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	Road Ditch
	Field Ditch	Tile Drain
	Other	Ub Strm Wtr Pipe
4.9	Beaver Dams:	
	Affected length (ft.):	
5.2	Migration Features	
	Flood Chutes:	
	Neck Cutoffs:	
	Channel Avulsions:	
	Braiding:	
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	
	Head Cuts:	
5.4	Animal Crossings:	
5.5	Channel Alterations	
	Straightening:	
	Length (ft.):	<b>0.0</b>
	Dredging:	



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **M6S1.01 -B**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>1,500.7</b>	<b>0.0</b>
	Path Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Road Length (ft.):	<b>345.6</b>	<b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b>	<b>0.0</b>
	Development Length:	<b>0.0</b>	<b>96.5</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Erosion Height (ft.):	<b>0.0</b>	<b>0.0</b>
	Revetment Type:	<b>None</b>	<b>None</b>
	Revetment length	<b>0.0</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>		
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):	<b>0.0</b>	<b>0.0</b>
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>None</b>	
	Number of Gullies	<b>0</b>	
	Total Length of Gullies (ft.):	<b>0.0</b>	
	Average Height of Gullies		

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>0</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	<b>0</b>
	Road Ditch	<b>0</b>
	Field Ditch	<b>0</b>
	Tile Drain	<b>0</b>
	Other	<b>5</b>
	Ub Strm Wtr Pipe	<b>0</b>
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>0</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>1</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>1</b>
5.4	Animal Crossings:	<b>No</b>
5.5	Channel Alterations	
	Straightening:	<b>Straightening</b>
	Length (ft.):	<b>1,810.5</b>
	Dredging:	<b>Dredging</b>



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **M09 -D**

<u>Step</u>	<u>Description</u>	<u>Value</u>
1.2	Alluvial Fan:	<b>None</b>
1.3	<u>Encroachments - Side</u>	<u>One</u> <u>Both</u>
	Berm Length (ft.):	<b>0.0</b>
	Path Length (ft.):	<b>0.0</b>
	Road Length (ft.):	<b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b>
	Development Length:	<b>50.3</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	<b>0.0</b> <b>0.0</b>
	Erosion Height (ft.):	<b>0.0</b> <b>0.0</b>
	Revetment Type:	<b>Rip-Rap</b> <b>Rip-Rap</b>
	Revetment length	<b>11.6</b> <b>12.2</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>3952</b> <b>3610</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u> <u>Right</u>
	Mass Failures:	
	Average Height (ft.):	
	Mass Failures:	<b>None</b>
	Average Heigh (ft.):	
	Gullies:	<b>None</b>
	Number of Gullies	<b>0</b>
	Total Length of Gullies (ft.):	<b>0.0</b>
	Average Height of Gullies	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>0</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	<b>0</b> Road Ditch <b>0</b>
	Field Ditch	<b>7</b> Tile Drain <b>0</b>
	Other	<b>0</b> Ub Strm Wtr Pipe <b>0</b>
4.9	Beaver Dams:	<b>1</b>
	Affected length (ft.):	<b>100.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>0</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>No</b>
5.5	Channel Alterations	
	Straightening:	<b>Straightening</b>
	Length (ft.):	<b>3,659.9</b>
	Dredging:	<b>Dredging</b>



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **M5S3.01 -A**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>0.0</b>	
	Path Length (ft.):	<b>0.0</b>	
	Road Length (ft.):	<b>0.0</b>	
	Railroad Lenth (ft.):	<b>0.0</b>	
	Development Length:	<b>17.1</b>	
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>1,126.1</b>	<b>1,130.9</b>
	Erosion Height (ft.):	<b>4.0</b>	<b>4.0</b>
	Revetment Type:	<b>None</b>	<b>None</b>
	Revetment length	<b>0.0</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>0</b>	<b>0</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>Multiple</b>	
	Number of Gullies	<b>7</b>	
	Total Length of Gullies (ft.):	<b>81.0</b>	
	Average Height of Gullies	<b>20.0</b>	

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



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **M5S3.01 -A**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>0.0</b>	
	Path Length (ft.):	<b>0.0</b>	
	Road Length (ft.):	<b>0.0</b>	
	Railroad Lenth (ft.):	<b>0.0</b>	
	Development Length:	<b>17.1</b>	
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>1,126.1</b>	<b>1,130.9</b>
	Erosion Height (ft.):	<b>4.0</b>	<b>4.0</b>
	Revetment Type:	<b>None</b>	<b>None</b>
	Revetment length	<b>0.0</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>0</b>	<b>0</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>Multiple</b>	
	Number of Gullies	<b>7</b>	
	Total Length of Gullies (ft.):	<b>81.0</b>	
	Average Height of Gullies	<b>20.0</b>	

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



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **M5S3.01 -A**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>0.0</b>	
	Path Length (ft.):	<b>0.0</b>	
	Road Length (ft.):	<b>0.0</b>	
	Railroad Lenth (ft.):	<b>0.0</b>	
	Development Length:	<b>17.1</b>	
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>1,126.1</b>	<b>1,130.9</b>
	Erosion Height (ft.):	<b>4.0</b>	<b>4.0</b>
	Revetment Type:	<b>None</b>	<b>None</b>
	Revetment length	<b>0.0</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>0</b>	<b>0</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>Multiple</b>	
	Number of Gullies	<b>7</b>	
	Total Length of Gullies (ft.):	<b>81.0</b>	
	Average Height of Gullies	<b>20.0</b>	

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



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **M6S1.01 -A**

<u>Step</u>	<u>Description</u>	<u>Value</u>
1.2	Alluvial Fan:	<b>None</b>
1.3	<u>Encroachments - Side</u>	<u>One</u> <u>Both</u>
	Berm Length (ft.):	<b>0.0</b> <b>0.0</b>
	Path Length (ft.):	<b>0.0</b> <b>0.0</b>
	Road Length (ft.):	<b>0.0</b> <b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b> <b>0.0</b>
	Development Length:	<b>59.5</b> <b>99.6</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	<b>0.0</b> <b>37.0</b>
	Erosion Height (ft.):	<b>0.0</b> <b>2.0</b>
	Revetment Type:	<b>Hard Bank</b> <b>Hard Bank</b>
	Revetment length	<b>39.4</b> <b>40.4</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>0</b> <b>0</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u> <u>Right</u>
	Mass Failures:	<b>37.64961</b>
	Average Height (ft.):	<b>15.0</b>
	Mass Failures:	<b>One</b>
	Average Heigh (ft.):	<b>15.0</b>
	Gullies:	<b>None</b>
	Number of Gullies	<b>0</b>
	Total Length of Gullies (ft.):	<b>0.0</b>
	Average Height of Gullies	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>1</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	Road Ditch
	Field Ditch	Tile Drain
	Other	Ub Strm Wtr Pipe
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>1</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>No</b>
5.5	Channel Alterations	
	Straightening:	<b>Straightening</b>
	Length (ft.):	<b>1,360.6</b>
	Dredging:	<b>None</b>



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **QM.02 -0**

<u>Step</u>	<u>Description</u>	<u>Value</u>
1.2	Alluvial Fan:	<b>None</b>
1.3	<u>Encroachments - Side</u>	<u>One</u> <u>Both</u>
	Berm Length (ft.):	<b>0.0</b>
	Path Length (ft.):	<b>0.0</b>
	Road Length (ft.):	<b>700.4</b>
	Railroad Lenth (ft.):	<b>0.0</b>
	Development Length:	<b>1,493.6</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	<b>508.0</b> <b>295.7</b>
	Erosion Height (ft.):	<b>6.4</b> <b>3.8</b>
	Revetment Type:	<b>Rip-Rap</b> <b>Rip-Rap</b>
	Revetment length	<b>92.4</b> <b>120.4</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>3749</b> <b>7236</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u> <u>Right</u>
	Mass Failures:	<b>56.16566</b>
	Average Height (ft.):	<b>15.0</b>
	Mass Failures:	<b>One</b>
	Average Heigh (ft.):	<b>15.0</b>
	Gullies:	<b>None</b>
	Number of Gullies	<b>0</b>
	Total Length of Gullies (ft.):	<b>0.0</b>
	Average Height of Gullies	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>18</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow <b>0</b>	Road Ditch <b>0</b>
	Field Ditch <b>0</b>	Tile Drain <b>0</b>
	Other <b>0</b>	Ub Strm Wtr Pipe <b>4</b>
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>1</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>No</b>
5.5	Channel Alterations	
	Straightening:	<b>None</b>
	Length (ft.):	<b>0.0</b>
	Dredging:	<b>None</b>



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: QM.02 -0

Step	Description	Value
1.2	Alluvial Fan:	None
1.3	Encroachments - Side	One Both
	Berm Length (ft.):	0.0
	Path Length (ft.):	0.0
	Road Length (ft.):	700.4
	Railroad Lenth (ft.):	0.0
	Development Length:	1,493.6
3.1	Erosion - Bank	Left Right
	Erosion Length (ft.):	508.0 295.7
	Erosion Height (ft.):	6.4 3.8
	Revetment Type:	Rip-Rap Rip-Rap
	Revetment length	92.4 120.4
3.2	Buffer Less Than 25 ft.	3749 7236
3.3	Riparian Corridor	Left Right
	Mass Failures:	56.16566
	Average Height (ft.):	15.0
	Mass Failures:	One
	Average Heigh (ft.):	15.0
	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:	18
4.5	Flow Regulation Type:	None
	Use:	
4.7	Stormwater Inputs	
	Overland Flow 0	Road Ditch 0
	Field Ditch 0	Tile Drain 3
	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:	None
	Length (ft.):	0.0
	Dredging:	None



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **QM.02 -0**

<u>Step</u>	<u>Description</u>	<u>Value</u>
1.2	Alluvial Fan:	<b>None</b>
1.3	<u>Encroachments - Side</u>	<u>One</u> <u>Both</u>
	Berm Length (ft.):	<b>0.0</b>
	Path Length (ft.):	<b>0.0</b>
	Road Length (ft.):	<b>700.4</b>
	Railroad Lenth (ft.):	<b>0.0</b>
	Development Length:	<b>1,493.6</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	<b>508.0</b> <b>295.7</b>
	Erosion Height (ft.):	<b>6.4</b> <b>3.8</b>
	Revetment Type:	<b>Rip-Rap</b> <b>Rip-Rap</b>
	Revetment length	<b>92.4</b> <b>120.4</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>3749</b> <b>7236</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u> <u>Right</u>
	Mass Failures:	<b>56.16566</b>
	Average Height (ft.):	<b>15.0</b>
	Mass Failures:	<b>One</b>
	Average Heigh (ft.):	<b>15.0</b>
	Gullies:	<b>None</b>
	Number of Gullies	<b>0</b>
	Total Length of Gullies (ft.):	<b>0.0</b>
	Average Height of Gullies	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>18</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow <b>0</b>	Road Ditch <b>2</b>
	Field Ditch <b>0</b>	Tile Drain <b>0</b>
	Other <b>0</b>	Ub Strm Wtr Pipe <b>0</b>
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>1</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>No</b>
5.5	Channel Alterations	
	Straightening:	<b>None</b>
	Length (ft.):	<b>0.0</b>
	Dredging:	<b>None</b>



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **QM.06 -C**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):		
	Path Length (ft.):		
	Road Length (ft.):		
	Railroad Lenth (ft.):		
	Development Length:		
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>0.0</b>	<b>378.4</b>
	Erosion Height (ft.):	<b>0.0</b>	<b>2.6</b>
	Revetment Type:	<b>None</b>	<b>None</b>
	Revetment length	<b>0.0</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>270</b>	<b>0</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>None</b>	
	Number of Gullies	<b>0</b>	
	Total Length of Gullies (ft.):	<b>0.0</b>	
	Average Height of Gullies		

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



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **QT2.02 -0**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):		
	Path Length (ft.):		
	Road Length (ft.):		
	Railroad Lenth (ft.):		
	Development Length:		
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>183.9</b>	<b>174.6</b>
	Erosion Height (ft.):	<b>2.9</b>	<b>3.8</b>
	Revetment Type:	<b>None</b>	<b>Rip-Rap</b>
	Revetment length	<b>0.0</b>	<b>28.5</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>0</b>	<b>0</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>None</b>	
	Number of Gullies	<b>0</b>	
	Total Length of Gullies (ft.):	<b>0.0</b>	
	Average Height of Gullies		

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



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **QT2S3.02 -0**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):		
	Path Length (ft.):		
	Road Length (ft.):		
	Railroad Lenth (ft.):		
	Development Length:		
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Erosion Height (ft.):	<b>0.0</b>	<b>0.0</b>
	Revetment Type:	<b>None</b>	<b>None</b>
	Revetment length	<b>0.0</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>2485</b>	<b>2586</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>None</b>	
	Number of Gullies	<b>0</b>	
	Total Length of Gullies (ft.):	<b>0.0</b>	
	Average Height of Gullies		

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>0</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	Road Ditch
	Field Ditch	Tile Drain
	Other	Ub Strm Wtr Pipe
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>0</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>No</b>
5.5	Channel Alterations	
	Straightening:	<b>Straightening</b>
	Length (ft.):	<b>2,686.4</b>
	Dredging:	<b>None</b>



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
June, 17 2026

## Phase 2 - FIT - Legacy Data Report

## Rock River

SGAT Version: **4.56**

Reach: **QT3.07 -0**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):		
	Path Length (ft.):		
	Road Length (ft.):		
	Railroad Lenth (ft.):		
	Development Length:		
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>7.3</b>	<b>109.8</b>
	Erosion Height (ft.):	<b>3.5</b>	<b>2.1</b>
	Revetment Type:	<b>None</b>	<b>None</b>
	Revetment length	<b>0.0</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>0</b>	<b>0</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:	<b>17.7241</b>	
	Average Height (ft.):	<b>20.0</b>	
	Mass Failures:	<b>One</b>	
	Average Heigh (ft.):	<b>20.0</b>	
	Gullies:	<b>One</b>	
	Number of Gullies	<b>1</b>	
	Total Length of Gullies (ft.):	<b>20.0</b>	
	Average Height of Gullies	<b>3.0</b>	

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



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **M10 -0**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>432.7</b>	<b>245.7</b>
	Path Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Road Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b>	<b>0.0</b>
	Development Length:	<b>118.6</b>	<b>70.9</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>435.4</b>	<b>434.9</b>
	Erosion Height (ft.):	<b>1.0</b>	<b>0.0</b>
	Revetment Type:	<b>None</b>	<b>None</b>
	Revetment length	<b>0.0</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>		
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):	<b>0.0</b>	<b>0.0</b>
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):	<b>0.0</b>	
	Gullies:	<b>None</b>	
	Number of Gullies		
	Total Length of Gullies (ft.):		
	Average Height of Gullies	<b>0.0</b>	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>0</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	Road Ditch
	Field Ditch	Tile Drain
	Other	Ub Strm Wtr Pipe
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>0</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>Yes</b>
5.5	Channel Alterations	
	Straightening:	<b>Straightening</b>
	Length (ft.):	<b>2,027.6</b>
	Dredging:	<b>Dredging</b>



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **M1S1.01 -A**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Path Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Road Length (ft.):	<b>589.2</b>	<b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b>	<b>0.0</b>
	Development Length:	<b>0.0</b>	<b>48.4</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>656.9</b>	<b>638.7</b>
	Erosion Height (ft.):	<b>1.0</b>	<b>1.0</b>
	Revetment Type:	<b>Rip-Rap</b>	<b>Rip-Rap</b>
	Revetment length	<b>15.6</b>	<b>18.4</b>
3.2	<u>Buffer Less Than 25 ft.</u>		
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):	<b>0.0</b>	<b>0.0</b>
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):	<b>0.0</b>	
	Gullies:	<b>None</b>	
	Number of Gullies		
	Total Length of Gullies (ft.):		
	Average Height of Gullies	<b>0.0</b>	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>2</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	Road Ditch
	Field Ditch	Tile Drain
	Other	Ub Strm Wtr Pipe
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>0</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>Yes</b>
5.5	Channel Alterations	
	Straightening:	<b>Straightening</b>
	Length (ft.):	<b>1,165.1</b>
	Dredging:	<b>None</b>



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
June, 17 2026

## Phase 2 - FIT - Legacy Data Report

## Rock River

SGAT Version: **4.56**

Reach: **M06 -0**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Path Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Road Length (ft.):	<b>247.7</b>	<b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b>	<b>0.0</b>
	Development Length:	<b>0.0</b>	<b>59.1</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>518.7</b>	<b>435.8</b>
	Erosion Height (ft.):	<b>3.2</b>	<b>2.4</b>
	Revetment Type:	<b>Rip-Rap</b>	<b>Rip-Rap</b>
	Revetment length	<b>40.6</b>	<b>109.2</b>
3.2	<u>Buffer Less Than 25 ft.</u>		
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:	<b>0</b>	<b>0</b>
	Average Height (ft.):	<b>0.0</b>	<b>0.0</b>
	Mass Failures:	<b>Multiple</b>	
	Average Heigh (ft.):	<b>31.0</b>	
	Gullies:	<b>None</b>	
	Number of Gullies		
	Total Length of Gullies (ft.):		
	Average Height of Gullies	<b>0.0</b>	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>7</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow <b>0</b>	Road Ditch <b>0</b>
	Field Ditch <b>0</b>	Tile Drain <b>0</b>
	Other <b>7</b>	Ub Strm Wtr Pipe <b>0</b>
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>3</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>Yes</b>
5.5	Channel Alterations	
	Straightening:	<b>None</b>
	Length (ft.):	<b>0.0</b>
	Dredging:	<b>None</b>



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **M09 -A**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):		
	Path Length (ft.):		
	Road Length (ft.):		
	Railroad Lenth (ft.):		
	Development Length:		
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):		
	Erosion Height (ft.):		
	Revetment Type:		
	Revetment length		
3.2	<u>Buffer Less Than 25 ft.</u>		
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>None</b>	
	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:	
4.5	Flow Regulation Type:	
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	Road Ditch
	Field Ditch	Tile Drain
	Other	Ub Strm Wtr Pipe
4.9	Beaver Dams:	
	Affected length (ft.):	
5.2	Migration Features	
	Flood Chutes:	
	Neck Cutoffs:	
	Channel Avulsions:	
	Braiding:	
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	
	Head Cuts:	
5.4	Animal Crossings:	
5.5	Channel Alterations	
	Straightening:	
	Length (ft.):	<b>0.0</b>
	Dredging:	



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **M1S1.03 -B**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Path Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Road Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b>	<b>0.0</b>
	Development Length:	<b>0.0</b>	<b>19.9</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>220.7</b>	<b>87.9</b>
	Erosion Height (ft.):	<b>2.0</b>	<b>2.4</b>
	Revetment Type:	<b>None</b>	<b>None</b>
	Revetment length	<b>0.0</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>293</b>	<b>292</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):	<b>0.0</b>	<b>0.0</b>
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>None</b>	
	Number of Gullies	<b>0</b>	
	Total Length of Gullies (ft.):	<b>0.0</b>	
	Average Height of Gullies		

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>12</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	Road Ditch
	Field Ditch	Tile Drain
	Other	Ub Strm Wtr Pipe
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>3</b>
	Neck Cutoffs:	<b>1</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>No</b>
5.5	Channel Alterations	
	Straightening:	<b>None</b>
	Length (ft.):	<b>0.0</b>
	Dredging:	<b>None</b>



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
June, 17 2026

## Phase 2 - FIT - Legacy Data Report

## Rock River

SGAT Version: **4.56**

Reach: **M07 -A**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Path Length (ft.):	<b>1,189.1</b>	<b>0.0</b>
	Road Length (ft.):	<b>148.4</b>	<b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b>	<b>0.0</b>
	Development Length:	<b>0.0</b>	<b>58.5</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>101.9</b>	<b>0.0</b>
	Erosion Height (ft.):	<b>3.4</b>	<b>0.0</b>
	Revetment Type:	<b>None</b>	<b>Rip-Rap</b>
	Revetment length	<b>0.0</b>	<b>9.6</b>
3.2	<u>Buffer Less Than 25 ft.</u>		
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):	<b>0.0</b>	<b>0.0</b>
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):	<b>0.0</b>	
	Gullies:	<b>None</b>	
	Number of Gullies		
	Total Length of Gullies (ft.):		
	Average Height of Gullies	<b>0.0</b>	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>6</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	Road Ditch
	Field Ditch	Tile Drain
	Other	Ub Strm Wtr Pipe
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>3</b>
	Neck Cutoffs:	<b>1</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>No</b>
5.5	Channel Alterations	
	Straightening:	<b>Straightening</b>
	Length (ft.):	<b>1,269.6</b>
	Dredging:	<b>None</b>



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
June, 17 2026

## Phase 2 - FIT - Legacy Data Report

## Rock River

SGAT Version: **4.56**

Reach: **M07 -B**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>136.4</b>	<b>0.0</b>
	Path Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Road Length (ft.):	<b>41.5</b>	<b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b>	<b>0.0</b>
	Development Length:	<b>282.6</b>	<b>0.0</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Erosion Height (ft.):	<b>0.0</b>	<b>0.0</b>
	Revetment Type:	<b>Rip-Rap</b>	<b>None</b>
	Revetment length	<b>70.4</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>		
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):	<b>0.0</b>	<b>0.0</b>
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):	<b>0.0</b>	
	Gullies:	<b>None</b>	
	Number of Gullies		
	Total Length of Gullies (ft.):		
	Average Height of Gullies	<b>0.0</b>	

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



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **M06 -0**

<u>Step</u>	<u>Description</u>	<u>Value</u>
1.2	Alluvial Fan:	<b>None</b>
1.3	<u>Encroachments - Side</u>	<u>One</u> <u>Both</u>
	Berm Length (ft.):	<b>0.0</b> <b>0.0</b>
	Path Length (ft.):	<b>0.0</b> <b>0.0</b>
	Road Length (ft.):	<b>247.7</b> <b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b> <b>0.0</b>
	Development Length:	<b>0.0</b> <b>59.1</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	<b>791.3</b> <b>997.0</b>
	Erosion Height (ft.):	<b>3.4</b> <b>4.5</b>
	Revetment Type:	<b>Rip-Rap</b> <b>Rip-Rap</b>
	Revetment length	<b>40.6</b> <b>109.2</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>1400</b> <b>1553</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u> <u>Right</u>
	Mass Failures:	
	Average Height (ft.):	
	Mass Failures:	<b>None</b>
	Average Heigh (ft.):	
	Gullies:	<b>Multiple</b>
	Number of Gullies	<b>5</b>
	Total Length of Gullies (ft.):	<b>110.0</b>
	Average Height of Gullies	<b>2.4</b>

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>25</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	<b>0</b> Road Ditch <b>0</b>
	Field Ditch	<b>0</b> Tile Drain <b>4</b>
	Other	<b>0</b> Ub Strm Wtr Pipe <b>0</b>
4.9	Beaver Dams:	<b>3</b>
	Affected length (ft.):	<b>450.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>3</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>Yes</b>
5.5	Channel Alterations	
	Straightening:	<b>None</b>
	Length (ft.):	<b>0.0</b>
	Dredging:	<b>None</b>



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **M06 -0**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Path Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Road Length (ft.):	<b>247.7</b>	<b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b>	<b>0.0</b>
	Development Length:	<b>0.0</b>	<b>59.1</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>791.3</b>	<b>997.0</b>
	Erosion Height (ft.):	<b>3.4</b>	<b>4.5</b>
	Revetment Type:	<b>Rip-Rap</b>	<b>Rip-Rap</b>
	Revetment length	<b>40.6</b>	<b>109.2</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>1400</b>	<b>1553</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>Multiple</b>	
	Number of Gullies	<b>5</b>	
	Total Length of Gullies (ft.):	<b>110.0</b>	
	Average Height of Gullies	<b>2.4</b>	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>25</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow <b>1</b>	Road Ditch <b>0</b>
	Field Ditch <b>0</b>	Tile Drain <b>0</b>
	Other <b>0</b>	Ub Strm Wtr Pipe <b>0</b>
4.9	Beaver Dams:	<b>3</b>
	Affected length (ft.):	<b>450.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>3</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>Yes</b>
5.5	Channel Alterations	
	Straightening:	<b>None</b>
	Length (ft.):	<b>0.0</b>
	Dredging:	<b>None</b>



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **M07 -A**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Path Length (ft.):	<b>1,189.1</b>	<b>0.0</b>
	Road Length (ft.):	<b>148.4</b>	<b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b>	<b>0.0</b>
	Development Length:	<b>0.0</b>	<b>58.5</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>101.9</b>	<b>0.0</b>
	Erosion Height (ft.):	<b>3.4</b>	<b>0.0</b>
	Revetment Type:	<b>None</b>	<b>Rip-Rap</b>
	Revetment length	<b>0.0</b>	<b>9.6</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>0</b>	<b>0</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>None</b>	
	Number of Gullies	<b>0</b>	
	Total Length of Gullies (ft.):	<b>0.0</b>	
	Average Height of Gullies		

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>6</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	Road Ditch
	Field Ditch	Tile Drain
	Other	Ub Strm Wtr Pipe
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>3</b>
	Neck Cutoffs:	<b>1</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>No</b>
5.5	Channel Alterations	
	Straightening:	<b>Straightening</b>
	Length (ft.):	<b>1,269.5</b>
	Dredging:	<b>None</b>



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **QM.01 -0**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>0.0</b>	
	Path Length (ft.):	<b>0.0</b>	
	Road Length (ft.):	<b>397.6</b>	
	Railroad Lenth (ft.):	<b>0.0</b>	
	Development Length:	<b>0.0</b>	
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>159.1</b>	<b>154.3</b>
	Erosion Height (ft.):	<b>3.5</b>	<b>4.6</b>
	Revetment Type:	<b>None</b>	<b>Rip-Rap</b>
	Revetment length	<b>0.0</b>	<b>5.6</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>6718</b>	<b>6503</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:	<b>71.86088</b>	
	Average Height (ft.):	<b>15.0</b>	
	Mass Failures:	<b>One</b>	
	Average Heigh (ft.):	<b>15.0</b>	
	Gullies:	<b>Multiple</b>	
	Number of Gullies	<b>2</b>	
	Total Length of Gullies (ft.):	<b>60.0</b>	
	Average Height of Gullies	<b>5.5</b>	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>20</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	<b>0</b>
	Road Ditch	<b>0</b>
	Field Ditch	<b>0</b>
	Tile Drain	<b>4</b>
	Other	<b>0</b>
	Ub Strm Wtr Pipe	<b>0</b>
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>0</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>Yes</b>
5.5	Channel Alterations	
	Straightening:	<b>None</b>
	Length (ft.):	<b>0.0</b>
	Dredging:	<b>None</b>



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **QT3.03 -0**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):		
	Path Length (ft.):		
	Road Length (ft.):		
	Railroad Lenth (ft.):		
	Development Length:		
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>343.9</b>	<b>315.2</b>
	Erosion Height (ft.):	<b>3.0</b>	<b>3.3</b>
	Revetment Type:	<b>None</b>	<b>None</b>
	Revetment length	<b>0.0</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>133</b>	<b>91</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:	<b>19.88592</b>	
	Average Height (ft.):	<b>10.0</b>	
	Mass Failures:	<b>One</b>	
	Average Heigh (ft.):	<b>10.0</b>	
	Gullies:	<b>One</b>	
	Number of Gullies	<b>1</b>	
	Total Length of Gullies (ft.):	<b>30.0</b>	
	Average Height of Gullies	<b>2.0</b>	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>2</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	Road Ditch
	Field Ditch	Tile Drain
	Other	Ub Strm Wtr Pipe
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>4</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>No</b>
5.5	Channel Alterations	
	Straightening:	<b>None</b>
	Length (ft.):	<b>0.0</b>
	Dredging:	<b>None</b>



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **QT3.04 -0**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):		
	Path Length (ft.):		
	Road Length (ft.):		
	Railroad Lenth (ft.):		
	Development Length:		
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>128.8</b>	<b>140.1</b>
	Erosion Height (ft.):	<b>1.9</b>	<b>4.3</b>
	Revetment Type:	<b>None</b>	<b>None</b>
	Revetment length	<b>0.0</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>0</b>	<b>0</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:	<b>77.80656</b>	
	Average Height (ft.):	<b>17.1</b>	
	Mass Failures:	<b>Multiple</b>	
	Average Heigh (ft.):	<b>17.5</b>	
	Gullies:	<b>None</b>	
	Number of Gullies	<b>0</b>	
	Total Length of Gullies (ft.):	<b>0.0</b>	
	Average Height of Gullies		

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



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **M1S1.01 -B**

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

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



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **M5S3.01 -D**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Path Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Road Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b>	<b>0.0</b>
	Development Length:	<b>0.0</b>	<b>44.8</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Erosion Height (ft.):	<b>0.0</b>	<b>0.0</b>
	Revetment Type:	<b>None</b>	<b>None</b>
	Revetment length	<b>0.0</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>		
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):	<b>0.0</b>	<b>0.0</b>
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>None</b>	
	Number of Gullies	<b>0</b>	
	Total Length of Gullies (ft.):	<b>0.0</b>	
	Average Height of Gullies		

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>0</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	Road Ditch
	Field Ditch	Tile Drain
	Other	Ub Strm Wtr Pipe
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>0</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>No</b>
5.5	Channel Alterations	
	Straightening:	<b>Straightening</b>
	Length (ft.):	<b>807.4</b>
	Dredging:	<b>None</b>



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **M5S5.01 -A**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Path Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Road Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b>	<b>0.0</b>
	Development Length:	<b>0.0</b>	<b>0.0</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>95.2</b>	<b>161.8</b>
	Erosion Height (ft.):	<b>2.0</b>	<b>3.4</b>
	Revetment Type:	<b>None</b>	<b>None</b>
	Revetment length	<b>0.0</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>		
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:	<b>0</b>	<b>0</b>
	Average Height (ft.):	<b>0.0</b>	<b>0.0</b>
	Mass Failures:	<b>One</b>	
	Average Heigh (ft.):	<b>6.0</b>	
	Gullies:	<b>None</b>	
	Number of Gullies		
	Total Length of Gullies (ft.):		
	Average Height of Gullies	<b>0.0</b>	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>6</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	Road Ditch
	Field Ditch	Tile Drain
	Other	Ub Strm Wtr Pipe
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>0</b>
	Neck Cutoffs:	<b>1</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>No</b>
5.5	Channel Alterations	
	Straightening:	<b>None</b>
	Length (ft.):	<b>0.0</b>
	Dredging:	<b>None</b>



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **M5S4.01 -G**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):		
	Path Length (ft.):		
	Road Length (ft.):		
	Railroad Lenth (ft.):		
	Development Length:		
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):		
	Erosion Height (ft.):		
	Revetment Type:		
	Revetment length		
3.2	<u>Buffer Less Than 25 ft.</u>		
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>None</b>	
	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:	
4.5	Flow Regulation Type:	
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	Road Ditch
	Field Ditch	Tile Drain
	Other	Ub Strm Wtr Pipe
4.9	Beaver Dams:	
	Affected length (ft.):	
5.2	Migration Features	
	Flood Chutes:	
	Neck Cutoffs:	
	Channel Avulsions:	
	Braiding:	
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	
	Head Cuts:	
5.4	Animal Crossings:	
5.5	Channel Alterations	
	Straightening:	
	Length (ft.):	<b>0.0</b>
	Dredging:	



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **M6S1.01 -D**

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

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>0</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	<b>0</b>
	Road Ditch	<b>0</b>
	Field Ditch	<b>0</b>
	Tile Drain	<b>0</b>
	Other	<b>1</b>
	Ub Strm Wtr Pipe	<b>0</b>
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>0</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>No</b>
5.5	Channel Alterations	
	Straightening:	<b>Straightening</b>
	Length (ft.):	<b>1,482.3</b>
	Dredging:	<b>None</b>



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **M10 -0**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>432.7</b>	<b>245.7</b>
	Path Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Road Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b>	<b>0.0</b>
	Development Length:	<b>118.6</b>	<b>70.9</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>435.4</b>	<b>447.7</b>
	Erosion Height (ft.):	<b>1.0</b>	<b>1.0</b>
	Revetment Type:	<b>None</b>	<b>None</b>
	Revetment length	<b>0.0</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>622</b>	<b>201</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>None</b>	
	Number of Gullies	<b>0</b>	
	Total Length of Gullies (ft.):	<b>0.0</b>	
	Average Height of Gullies		

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>3</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	Road Ditch
	Field Ditch	Tile Drain
	Other	Ub Strm Wtr Pipe
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>0</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>Yes</b>
5.5	Channel Alterations	
	Straightening:	<b>With Windrowing</b>
	Length (ft.):	<b>2,027.6</b>
	Dredging:	<b>Dredging</b>



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **M5S4.01 -C**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):		
	Path Length (ft.):		
	Road Length (ft.):		
	Railroad Lenth (ft.):		
	Development Length:		
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>48.7</b>	<b>10.9</b>
	Erosion Height (ft.):	<b>3.0</b>	<b>4.0</b>
	Revetment Type:	<b>None</b>	<b>None</b>
	Revetment length	<b>0.0</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>0</b>	<b>0</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>Multiple</b>	
	Number of Gullies	<b>4</b>	
	Total Length of Gullies (ft.):	<b>36.0</b>	
	Average Height of Gullies	<b>1.9</b>	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>2</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	Road Ditch
	Field Ditch	Tile Drain
	Other	Ub Strm Wtr Pipe
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>1</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>1</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>No</b>
5.5	Channel Alterations	
	Straightening:	<b>Straightening</b>
	Length (ft.):	<b>1,862.3</b>
	Dredging:	<b>None</b>



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **QT1.03 -B**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>0.0</b>	
	Path Length (ft.):	<b>0.0</b>	
	Road Length (ft.):	<b>126.9</b>	
	Railroad Lenth (ft.):	<b>0.0</b>	
	Development Length:	<b>0.0</b>	
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>116.5</b>	<b>186.0</b>
	Erosion Height (ft.):	<b>2.0</b>	<b>2.8</b>
	Revetment Type:	<b>None</b>	<b>None</b>
	Revetment length	<b>0.0</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>375</b>	<b>0</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>None</b>	
	Number of Gullies	<b>0</b>	
	Total Length of Gullies (ft.):	<b>0.0</b>	
	Average Height of Gullies		

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>2</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow <b>0</b>	Road Ditch <b>2</b>
	Field Ditch <b>0</b>	Tile Drain <b>0</b>
	Other <b>0</b>	Ub Strm Wtr Pipe <b>0</b>
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>0</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>No</b>
5.5	Channel Alterations	
	Straightening:	<b>Straightening</b>
	Length (ft.):	<b>1,161.9</b>
	Dredging:	<b>None</b>



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
June, 17 2026

## Phase 2 - FIT - Legacy Data Report

## Rock River

SGAT Version: **4.56**

Reach: **QT2.07 -0**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>0.0</b>	
	Path Length (ft.):	<b>179.7</b>	
	Road Length (ft.):	<b>0.0</b>	
	Railroad Lenth (ft.):	<b>0.0</b>	
	Development Length:	<b>0.0</b>	
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>86.3</b>	<b>0.0</b>
	Erosion Height (ft.):	<b>2.0</b>	<b>0.0</b>
	Revetment Type:	<b>Rip-Rap</b>	<b>Rip-Rap</b>
	Revetment length	<b>25.5</b>	<b>43.9</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>2091</b>	<b>2691</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>One</b>	
	Number of Gullies	<b>1</b>	
	Total Length of Gullies (ft.):	<b>20.0</b>	
	Average Height of Gullies	<b>2.0</b>	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>1</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow <b>0</b>	Road Ditch <b>0</b>
	Field Ditch <b>0</b>	Tile Drain <b>1</b>
	Other <b>0</b>	Ub Strm Wtr Pipe <b>0</b>
4.9	Beaver Dams:	<b>1</b>
	Affected length (ft.):	<b>0.5</b>
5.2	Migration Features	
	Flood Chutes:	<b>0</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>No</b>
5.5	Channel Alterations	
	Straightening:	<b>Straightening</b>
	Length (ft.):	<b>2,148.0</b>
	Dredging:	<b>None</b>



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **QT3.09 -0**

<u>Step</u>	<u>Description</u>	<u>Value</u>
1.2	Alluvial Fan:	<b>None</b>
1.3	<u>Encroachments - Side</u>	<u>One</u> <u>Both</u>
	Berm Length (ft.):	<b>0.0</b>
	Path Length (ft.):	<b>9,877.0</b>
	Road Length (ft.):	<b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b>
	Development Length:	<b>0.0</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	<b>411.2</b> <b>350.1</b>
	Erosion Height (ft.):	<b>2.4</b> <b>2.1</b>
	Revetment Type:	<b>None</b> <b>Rip-Rap</b>
	Revetment length	<b>0.0</b> <b>73.4</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>9891</b> <b>23217</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u> <u>Right</u>
	Mass Failures:	
	Average Height (ft.):	
	Mass Failures:	<b>None</b>
	Average Heigh (ft.):	
	Gullies:	<b>Multiple</b>
	Number of Gullies	<b>7</b>
	Total Length of Gullies (ft.):	<b>126.0</b>
	Average Height of Gullies	<b>1.9</b>

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>14</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow <b>0</b>	Road Ditch <b>3</b>
	Field Ditch <b>0</b>	Tile Drain <b>0</b>
	Other <b>0</b>	Ub Strm Wtr Pipe <b>0</b>
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>0</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>No</b>
5.5	Channel Alterations	
	Straightening:	<b>Straightening</b>
	Length (ft.):	<b>23,667.9</b>
	Dredging:	<b>None</b>



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **QT3.09 -0**

<u>Step</u>	<u>Description</u>	<u>Value</u>
1.2	Alluvial Fan:	<b>None</b>
1.3	<u>Encroachments - Side</u>	<u>One</u> <u>Both</u>
	Berm Length (ft.):	<b>0.0</b>
	Path Length (ft.):	<b>9,877.0</b>
	Road Length (ft.):	<b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b>
	Development Length:	<b>0.0</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	<b>411.2</b> <b>350.1</b>
	Erosion Height (ft.):	<b>2.4</b> <b>2.1</b>
	Revetment Type:	<b>None</b> <b>Rip-Rap</b>
	Revetment length	<b>0.0</b> <b>73.4</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>9891</b> <b>23217</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u> <u>Right</u>
	Mass Failures:	
	Average Height (ft.):	
	Mass Failures:	<b>None</b>
	Average Heigh (ft.):	
	Gullies:	<b>Multiple</b>
	Number of Gullies	<b>7</b>
	Total Length of Gullies (ft.):	<b>126.0</b>
	Average Height of Gullies	<b>1.9</b>

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>14</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	<b>0</b>
	Road Ditch	<b>0</b>
	Field Ditch	<b>0</b>
	Tile Drain	<b>10</b>
	Other	<b>0</b>
	Ub Strm Wtr Pipe	<b>0</b>
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>0</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>No</b>
5.5	Channel Alterations	
	Straightening:	<b>Straightening</b>
	Length (ft.):	<b>23,667.9</b>
	Dredging:	<b>None</b>



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **QT3.09 -0**

<u>Step</u>	<u>Description</u>	<u>Value</u>
1.2	Alluvial Fan:	<b>None</b>
1.3	<u>Encroachments - Side</u>	<u>One</u> <u>Both</u>
	Berm Length (ft.):	<b>0.0</b>
	Path Length (ft.):	<b>9,877.0</b>
	Road Length (ft.):	<b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b>
	Development Length:	<b>0.0</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	<b>411.2</b> <b>350.1</b>
	Erosion Height (ft.):	<b>2.4</b> <b>2.1</b>
	Revetment Type:	<b>None</b> <b>Rip-Rap</b>
	Revetment length	<b>0.0</b> <b>73.4</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>9891</b> <b>23217</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u> <u>Right</u>
	Mass Failures:	
	Average Height (ft.):	
	Mass Failures:	<b>None</b>
	Average Heigh (ft.):	
	Gullies:	<b>Multiple</b>
	Number of Gullies	<b>7</b>
	Total Length of Gullies (ft.):	<b>126.0</b>
	Average Height of Gullies	<b>1.9</b>

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>14</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow <b>0</b>	Road Ditch <b>0</b>
	Field Ditch <b>1</b>	Tile Drain <b>0</b>
	Other <b>0</b>	Ub Strm Wtr Pipe <b>0</b>
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>0</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>No</b>
5.5	Channel Alterations	
	Straightening:	<b>Straightening</b>
	Length (ft.):	<b>23,667.9</b>
	Dredging:	<b>None</b>



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
June, 17 2026

## Phase 2 - FIT - Legacy Data Report

## Rock River

SGAT Version: **4.56**

Reach: **M09 -D**

<u>Step</u>	<u>Description</u>	<u>Value</u>	<u>Step</u>	<u>Description</u>	<u>Value</u>
1.2	Alluvial Fan:	<b>None</b>	4.4	Number of Debris Jams:	<b>0</b>
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>	4.5	Flow Regulation Type:
	Berm Length (ft.):	<b>0.0</b>	<b>0.0</b>		Use:
	Path Length (ft.):	<b>0.0</b>	<b>0.0</b>	4.7	Stormwater Inputs
	Road Length (ft.):	<b>0.0</b>	<b>0.0</b>	Overland Flow	<b>0</b>
	Railroad Lenth (ft.):	<b>0.0</b>	<b>0.0</b>	Field Ditch	<b>0</b>
	Development Length:	<b>0.0</b>	<b>50.3</b>	Other	<b>7</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>		Ub Strm Wtr Pipe
	Erosion Length (ft.):	<b>0.0</b>	<b>0.0</b>	4.9	Beaver Dams:
	Erosion Height (ft.):	<b>0.0</b>	<b>0.0</b>		Affected length (ft.):
	Revetment Type:	<b>Rip-Rap</b>	<b>Rip-Rap</b>	5.2	Migration Features
	Revetment length	<b>11.6</b>	<b>12.2</b>		Flood Chutes:
3.2	<u>Buffer Less Than 25 ft.</u>				Neck Cutoffs:
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>		Channel Avulsions:
	Mass Failures:				Braiding:
	Average Height (ft.):	<b>0.0</b>	<b>0.0</b>	5.3	Steep Riffles and Head Cuts
	Mass Failures:	<b>None</b>			Steep Riffles:
	Average Heigh (ft.):	<b>0.0</b>			Head Cuts:
	Gullies:	<b>None</b>		5.4	Animal Crossings:
	Number of Gullies				
	Total Length of Gullies (ft.):			5.5	Channel Alterations
	Average Height of Gullies	<b>0.0</b>			Straightening:
					Length (ft.):
					Dredging:



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
June, 17 2026

## Phase 2 - FIT - Legacy Data Report

## Rock River

SGAT Version: **4.56**

Reach: **M09 -F**

<u>Step</u>	<u>Description</u>	<u>Value</u>		<u>Step</u>	<u>Description</u>	<u>Value</u>
1.2	Alluvial Fan:	<b>None</b>		4.4	Number of Debris Jams:	<b>0</b>
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>	4.5	Flow Regulation Type:	<b>None</b>
	Berm Length (ft.):	<b>0.0</b>	<b>0.0</b>		Use:	
	Path Length (ft.):	<b>0.0</b>	<b>0.0</b>	4.7	Stormwater Inputs	
	Road Length (ft.):	<b>48.0</b>	<b>0.0</b>	Overland Flow	<b>0</b>	Road Ditch <b>0</b>
	Railroad Lenth (ft.):	<b>0.0</b>	<b>0.0</b>	Field Ditch	<b>0</b>	Tile Drain <b>0</b>
	Development Length:	<b>57.0</b>	<b>110.0</b>	Other	<b>2</b>	Ub Strm Wtr Pipe <b>0</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>	4.9	Beaver Dams:	<b>0</b>
	Erosion Length (ft.):	<b>86.5</b>	<b>0.0</b>		Affected length (ft.):	<b>0.0</b>
	Erosion Height (ft.):	<b>2.0</b>	<b>0.0</b>	5.2	Migration Features	
	Revetment Type:	<b>Rip-Rap</b>	<b>Rip-Rap</b>		Flood Chutes:	<b>0</b>
	Revetment length	<b>36.0</b>	<b>310.8</b>		Neck Cutoffs:	<b>0</b>
3.2	<u>Buffer Less Than 25 ft.</u>				Channel Avulsions:	<b>0</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>		Braiding:	<b>0</b>
	Mass Failures:			5.3	Steep Riffles and Head Cuts	
	Average Height (ft.):	<b>0.0</b>	<b>0.0</b>		Steep Riffles:	<b>0</b>
	Mass Failures:	<b>None</b>			Head Cuts:	<b>0</b>
	Average Heigh (ft.):	<b>0.0</b>		5.4	Animal Crossings:	<b>No</b>
	Gullies:	<b>None</b>		5.5	Channel Alterations	
	Number of Gullies				Straightening:	<b>Straightening</b>
	Total Length of Gullies (ft.):				Length (ft.):	<b>1,873.5</b>
	Average Height of Gullies	<b>0.0</b>			Dredging:	<b>None</b>



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
June, 17 2026

## Phase 2 - FIT - Legacy Data Report

## Rock River

SGAT Version: **4.56**

Reach: **M09 -C**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Path Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Road Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b>	<b>0.0</b>
	Development Length:	<b>0.0</b>	<b>0.0</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>16.4</b>	<b>0.0</b>
	Erosion Height (ft.):	<b>3.0</b>	<b>0.0</b>
	Revetment Type:	<b>None</b>	<b>None</b>
	Revetment length	<b>0.0</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>		
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):	<b>0.0</b>	<b>0.0</b>
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):	<b>0.0</b>	
	Gullies:	<b>None</b>	
	Number of Gullies		
	Total Length of Gullies (ft.):		
	Average Height of Gullies	<b>0.0</b>	

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



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **M09 -E**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):		
	Path Length (ft.):		
	Road Length (ft.):		
	Railroad Lenth (ft.):		
	Development Length:		
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):		
	Erosion Height (ft.):		
	Revetment Type:	<b>None</b>	<b>None</b>
	Revetment length		
3.2	<u>Buffer Less Than 25 ft.</u>		
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>None</b>	
	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:	
4.5	Flow Regulation Type:	
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	Road Ditch
	Field Ditch	Tile Drain
	Other	Ub Strm Wtr Pipe
4.9	Beaver Dams:	
	Affected length (ft.):	
5.2	Migration Features	
	Flood Chutes:	
	Neck Cutoffs:	
	Channel Avulsions:	
	Braiding:	
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	
	Head Cuts:	
5.4	Animal Crossings:	
5.5	Channel Alterations	
	Straightening:	
	Length (ft.):	<b>0.0</b>
	Dredging:	



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **M05 -0**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Path Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Road Length (ft.):	<b>863.7</b>	<b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b>	<b>0.0</b>
	Development Length:	<b>94.9</b>	<b>150.6</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>676.6</b>	<b>351.8</b>
	Erosion Height (ft.):	<b>4.6</b>	<b>1.9</b>
	Revetment Type:	<b>Rip-Rap</b>	<b>Rip-Rap</b>
	Revetment length	<b>33.8</b>	<b>52.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>		
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:	<b>0</b>	<b>0</b>
	Average Height (ft.):	<b>0.0</b>	<b>0.0</b>
	Mass Failures:	<b>Multiple</b>	
	Average Heigh (ft.):	<b>27.9</b>	
	Gullies:	<b>None</b>	
	Number of Gullies		
	Total Length of Gullies (ft.):		
	Average Height of Gullies	<b>0.0</b>	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>12</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow <b>0</b>	Road Ditch <b>0</b>
	Field Ditch <b>0</b>	Tile Drain <b>0</b>
	Other <b>1</b>	Ub Strm Wtr Pipe <b>0</b>
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>1</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>Yes</b>
5.5	Channel Alterations	
	Straightening:	<b>None</b>
	Length (ft.):	<b>0.0</b>
	Dredging:	<b>None</b>



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **M5S5.01 -B**

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



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **M05 -0**

<u>Step</u>	<u>Description</u>	<u>Value</u>
1.2	Alluvial Fan:	<b>None</b>
1.3	<u>Encroachments - Side</u>	<u>One</u> <u>Both</u>
	Berm Length (ft.):	<b>0.0</b> <b>0.0</b>
	Path Length (ft.):	<b>0.0</b> <b>699.1</b>
	Road Length (ft.):	<b>863.6</b> <b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b> <b>0.0</b>
	Development Length:	<b>94.9</b> <b>118.8</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	<b>842.3</b> <b>841.2</b>
	Erosion Height (ft.):	<b>4.8</b> <b>4.8</b>
	Revetment Type:	<b>Rip-Rap</b> <b>Multiple</b>
	Revetment length	<b>33.8</b> <b>75.4</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>1814</b> <b>0</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u> <u>Right</u>
	Mass Failures:	<b>40.75011</b>
	Average Height (ft.):	<b>13.9</b>
	Mass Failures:	<b>Multiple</b>
	Average Heigh (ft.):	<b>13.5</b>
	Gullies:	<b>Multiple</b>
	Number of Gullies	<b>11</b>
	Total Length of Gullies (ft.):	<b>695.0</b>
	Average Height of Gullies	<b>1.8</b>

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>1</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	Road Ditch
	Field Ditch	Tile Drain
	Other	Ub Strm Wtr Pipe
4.9	Beaver Dams:	<b>3</b>
	Affected length (ft.):	<b>1,035.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>2</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>Yes</b>
5.5	Channel Alterations	
	Straightening:	<b>None</b>
	Length (ft.):	<b>0.0</b>
	Dredging:	<b>None</b>



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
June, 17 2026

## Phase 2 - FIT - Legacy Data Report

## Rock River

SGAT Version: **4.56**

Reach: **M07 -B**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>136.4</b>	
	Path Length (ft.):	<b>0.0</b>	
	Road Length (ft.):	<b>41.5</b>	
	Railroad Lenth (ft.):	<b>0.0</b>	
	Development Length:	<b>282.6</b>	
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Erosion Height (ft.):	<b>0.0</b>	<b>0.0</b>
	Revetment Type:	<b>Rip-Rap</b>	<b>None</b>
	Revetment length	<b>70.4</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>0</b>	<b>0</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>None</b>	
	Number of Gullies	<b>0</b>	
	Total Length of Gullies (ft.):	<b>0.0</b>	
	Average Height of Gullies		

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



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **QT1.01 -B**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):		
	Path Length (ft.):		
	Road Length (ft.):		
	Railroad Lenth (ft.):		
	Development Length:		
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>31.1</b>	<b>19.3</b>
	Erosion Height (ft.):	<b>3.0</b>	<b>3.0</b>
	Revetment Type:	<b>None</b>	<b>None</b>
	Revetment length	<b>0.0</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>500</b>	<b>502</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>None</b>	
	Number of Gullies	<b>0</b>	
	Total Length of Gullies (ft.):	<b>0.0</b>	
	Average Height of Gullies		

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>1</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	Road Ditch
	Field Ditch	Tile Drain
	Other	Ub Strm Wtr Pipe
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>0</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>No</b>
5.5	Channel Alterations	
	Straightening:	<b>Straightening</b>
	Length (ft.):	<b>710.3</b>
	Dredging:	<b>None</b>



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **QT3.02 -0**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):		
	Path Length (ft.):		
	Road Length (ft.):		
	Railroad Lenth (ft.):		
	Development Length:		
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>416.1</b>	<b>304.5</b>
	Erosion Height (ft.):	<b>2.5</b>	<b>2.2</b>
	Revetment Type:	<b>None</b>	<b>None</b>
	Revetment length	<b>0.0</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>0</b>	<b>158</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:	<b>32.04665</b>	
	Average Height (ft.):	<b>10.0</b>	
	Mass Failures:	<b>One</b>	
	Average Heigh (ft.):	<b>10.0</b>	
	Gullies:	<b>None</b>	
	Number of Gullies	<b>0</b>	
	Total Length of Gullies (ft.):	<b>0.0</b>	
	Average Height of Gullies		

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>8</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	Road Ditch
	Field Ditch	Tile Drain
	Other	Ub Strm Wtr Pipe
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>2</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>No</b>
5.5	Channel Alterations	
	Straightening:	<b>None</b>
	Length (ft.):	<b>0.0</b>
	Dredging:	<b>None</b>



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **QT3.05 -0**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):		
	Path Length (ft.):		
	Road Length (ft.):		
	Railroad Lenth (ft.):		
	Development Length:		
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>352.8</b>	<b>278.9</b>
	Erosion Height (ft.):	<b>3.4</b>	<b>3.4</b>
	Revetment Type:	<b>None</b>	<b>None</b>
	Revetment length	<b>0.0</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>116</b>	<b>0</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:	<b>47.35681</b>	
	Average Height (ft.):	<b>20.0</b>	
	Mass Failures:	<b>One</b>	
	Average Heigh (ft.):	<b>20.0</b>	
	Gullies:	<b>Multiple</b>	
	Number of Gullies	<b>2</b>	
	Total Length of Gullies (ft.):	<b>90.0</b>	
	Average Height of Gullies	<b>2.5</b>	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>4</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	Road Ditch
	Field Ditch	Tile Drain
	Other	Ub Strm Wtr Pipe
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>6</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>No</b>
5.5	Channel Alterations	
	Straightening:	<b>None</b>
	Length (ft.):	<b>0.0</b>
	Dredging:	<b>None</b>



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **M5S3.01 -A**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Path Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Road Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b>	<b>0.0</b>
	Development Length:	<b>0.0</b>	<b>17.1</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>1,126.1</b>	<b>1,130.9</b>
	Erosion Height (ft.):	<b>4.0</b>	<b>4.0</b>
	Revetment Type:	<b>None</b>	<b>None</b>
	Revetment length	<b>0.0</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>		
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):	<b>0.0</b>	<b>0.0</b>
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):	<b>0.0</b>	
	Gullies:	<b>Multiple</b>	
	Number of Gullies		
	Total Length of Gullies (ft.):		
	Average Height of Gullies	<b>15.0</b>	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>3</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow <b>0</b>	Road Ditch <b>0</b>
	Field Ditch <b>0</b>	Tile Drain <b>0</b>
	Other <b>6</b>	Ub Strm Wtr Pipe <b>0</b>
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>2</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>2</b>
5.4	Animal Crossings:	<b>No</b>
5.5	Channel Alterations	
	Straightening:	<b>None</b>
	Length (ft.):	<b>0.0</b>
	Dredging:	<b>None</b>



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **M5S3.01 -C**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Path Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Road Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b>	<b>0.0</b>
	Development Length:	<b>0.0</b>	<b>0.0</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>20.3</b>	<b>0.0</b>
	Erosion Height (ft.):	<b>2.0</b>	<b>0.0</b>
	Revetment Type:	<b>None</b>	<b>None</b>
	Revetment length	<b>0.0</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>0</b>	
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):	<b>0.0</b>	<b>0.0</b>
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>None</b>	
	Number of Gullies	<b>0</b>	
	Total Length of Gullies (ft.):	<b>0.0</b>	
	Average Height of Gullies		

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>0</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	<b>0</b>
	Road Ditch	<b>0</b>
	Field Ditch	<b>0</b>
	Tile Drain	<b>0</b>
	Other	<b>5</b>
	Ub Strm Wtr Pipe	<b>0</b>
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>0</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>No</b>
5.5	Channel Alterations	
	Straightening:	<b>Straightening</b>
	Length (ft.):	<b>729.7</b>
	Dredging:	<b>Dredging</b>



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
June, 17 2026

## Phase 2 - FIT - Legacy Data Report

## Rock River

SGAT Version: **4.56**

Reach: **M5S4.01 -A**

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



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
June, 17 2026

## Phase 2 - FIT - Legacy Data Report

## Rock River

SGAT Version: **4.56**

Reach: **M6S1.01 -A**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Path Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Road Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b>	<b>0.0</b>
	Development Length:	<b>59.5</b>	<b>99.6</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>149.6</b>	<b>124.4</b>
	Erosion Height (ft.):	<b>2.0</b>	<b>2.0</b>
	Revetment Type:	<b>None</b>	<b>None</b>
	Revetment length	<b>0.0</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>		
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:	<b>0</b>	<b>0</b>
	Average Height (ft.):	<b>0.0</b>	<b>0.0</b>
	Mass Failures:	<b>One</b>	
	Average Heigh (ft.):	<b>13.0</b>	
	Gullies:	<b>None</b>	
	Number of Gullies		
	Total Length of Gullies (ft.):		
	Average Height of Gullies	<b>0.0</b>	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>4</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow <b>0</b>	Road Ditch <b>0</b>
	Field Ditch <b>0</b>	Tile Drain <b>0</b>
	Other <b>1</b>	Ub Strm Wtr Pipe <b>0</b>
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>1</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>Yes</b>
5.5	Channel Alterations	
	Straightening:	<b>Straightening</b>
	Length (ft.):	<b>1,959.0</b>
	Dredging:	<b>None</b>



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
June, 17 2026

## Phase 2 - FIT - Legacy Data Report

## Rock River

SGAT Version: **4.56**

Reach: **M5S4.01 -B**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):		
	Path Length (ft.):		
	Road Length (ft.):		
	Railroad Lenth (ft.):		
	Development Length:		
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>97.3</b>	<b>85.7</b>
	Erosion Height (ft.):	<b>2.9</b>	<b>3.0</b>
	Revetment Type:	<b>None</b>	<b>None</b>
	Revetment length	<b>0.0</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>0</b>	<b>0</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>Multiple</b>	
	Number of Gullies	<b>3</b>	
	Total Length of Gullies (ft.):	<b>55.0</b>	
	Average Height of Gullies	<b>1.2</b>	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>13</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow <b>2</b>	Road Ditch <b>0</b>
	Field Ditch <b>0</b>	Tile Drain <b>0</b>
	Other <b>0</b>	Ub Strm Wtr Pipe <b>0</b>
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>0</b>
	Neck Cutoffs:	<b>1</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>No</b>
5.5	Channel Alterations	
	Straightening:	<b>None</b>
	Length (ft.):	<b>0.0</b>
	Dredging:	<b>None</b>



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **M5S5.01 -A**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):		
	Path Length (ft.):		
	Road Length (ft.):		
	Railroad Lenth (ft.):		
	Development Length:		
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>162.0</b>	<b>507.5</b>
	Erosion Height (ft.):	<b>2.4</b>	<b>2.8</b>
	Revetment Type:	<b>None</b>	<b>None</b>
	Revetment length	<b>0.0</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>0</b>	<b>0</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>Multiple</b>	
	Number of Gullies	<b>2</b>	
	Total Length of Gullies (ft.):	<b>90.0</b>	
	Average Height of Gullies	<b>1.5</b>	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>9</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	Road Ditch
	Field Ditch	Tile Drain
	Other	Ub Strm Wtr Pipe
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>0</b>
	Neck Cutoffs:	<b>1</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>1</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>No</b>
5.5	Channel Alterations	
	Straightening:	<b>None</b>
	Length (ft.):	<b>0.0</b>
	Dredging:	<b>None</b>



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **M03 -0**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:		
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):		
	Path Length (ft.):		
	Road Length (ft.):		
	Railroad Lenth (ft.):		
	Development Length:		
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):		
	Erosion Height (ft.):		
	Revetment Type:		
	Revetment length		
3.2	<u>Buffer Less Than 25 ft.</u>		
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:		
	Average Heigh (ft.):		
	Gullies:		
	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:	
4.5	Flow Regulation Type:	
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	Road Ditch
	Field Ditch	Tile Drain
	Other	Ub Strm Wtr Pipe
4.9	Beaver Dams:	
	Affected length (ft.):	
5.2	Migration Features	
	Flood Chutes:	
	Neck Cutoffs:	
	Channel Avulsions:	
	Braiding:	
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	
	Head Cuts:	
5.4	Animal Crossings:	
5.5	Channel Alterations	
	Straightening:	
	Length (ft.):	<b>0.0</b>
	Dredging:	



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **QT2S3.01 -0**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):		
	Path Length (ft.):		
	Road Length (ft.):		
	Railroad Lenth (ft.):		
	Development Length:		
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>34.4</b>	<b>24.0</b>
	Erosion Height (ft.):	<b>2.0</b>	<b>3.0</b>
	Revetment Type:	<b>None</b>	<b>None</b>
	Revetment length	<b>0.0</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>0</b>	<b>223</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>One</b>	
	Number of Gullies	<b>1</b>	
	Total Length of Gullies (ft.):	<b>20.0</b>	
	Average Height of Gullies	<b>2.0</b>	

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



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **QT3.01 -0**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):		
	Path Length (ft.):		
	Road Length (ft.):		
	Railroad Lenth (ft.):		
	Development Length:		
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>88.6</b>	<b>83.2</b>
	Erosion Height (ft.):	<b>2.0</b>	<b>1.5</b>
	Revetment Type:	<b>Rip-Rap</b>	<b>Rip-Rap</b>
	Revetment length	<b>137.9</b>	<b>131.8</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>0</b>	<b>337</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:	<b>93.48087</b>	
	Average Height (ft.):	<b>10.6</b>	
	Mass Failures:	<b>Multiple</b>	
	Average Heigh (ft.):	<b>11.0</b>	
	Gullies:	<b>None</b>	
	Number of Gullies	<b>0</b>	
	Total Length of Gullies (ft.):	<b>0.0</b>	
	Average Height of Gullies		

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



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **QT3.06 -0**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):		
	Path Length (ft.):		
	Road Length (ft.):		
	Railroad Lenth (ft.):		
	Development Length:		
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>0.0</b>	<b>143.7</b>
	Erosion Height (ft.):	<b>0.0</b>	<b>1.4</b>
	Revetment Type:	<b>None</b>	<b>None</b>
	Revetment length	<b>0.0</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>1280</b>	<b>1456</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>None</b>	
	Number of Gullies	<b>0</b>	
	Total Length of Gullies (ft.):	<b>0.0</b>	
	Average Height of Gullies		

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>0</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	<b>0</b>
	Road Ditch	<b>0</b>
	Field Ditch	<b>2</b>
	Tile Drain	<b>0</b>
	Other	<b>0</b>
	Ub Strm Wtr Pipe	<b>0</b>
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>0</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>No</b>
5.5	Channel Alterations	
	Straightening:	<b>Straightening</b>
	Length (ft.):	<b>1,924.1</b>
	Dredging:	<b>None</b>



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **QT3.06 -0**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):		
	Path Length (ft.):		
	Road Length (ft.):		
	Railroad Lenth (ft.):		
	Development Length:		
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>0.0</b>	<b>143.7</b>
	Erosion Height (ft.):	<b>0.0</b>	<b>1.4</b>
	Revetment Type:	<b>None</b>	<b>None</b>
	Revetment length	<b>0.0</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>1280</b>	<b>1456</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>None</b>	
	Number of Gullies	<b>0</b>	
	Total Length of Gullies (ft.):	<b>0.0</b>	
	Average Height of Gullies		

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>0</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	<b>0</b>
	Road Ditch	<b>0</b>
	Field Ditch	<b>0</b>
	Tile Drain	<b>1</b>
	Other	<b>0</b>
	Ub Strm Wtr Pipe	<b>0</b>
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>0</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>No</b>
5.5	Channel Alterations	
	Straightening:	<b>Straightening</b>
	Length (ft.):	<b>1,924.1</b>
	Dredging:	<b>None</b>



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **QT3.08 -0**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):		
	Path Length (ft.):		
	Road Length (ft.):		
	Railroad Lenth (ft.):		
	Development Length:		
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>0.0</b>	<b>86.1</b>
	Erosion Height (ft.):	<b>0.0</b>	<b>2.6</b>
	Revetment Type:	<b>None</b>	<b>None</b>
	Revetment length	<b>0.0</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>0</b>	<b>0</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:	<b>50.7157</b>	
	Average Height (ft.):	<b>17.4</b>	
	Mass Failures:	<b>Multiple</b>	
	Average Heigh (ft.):	<b>17.5</b>	
	Gullies:	<b>None</b>	
	Number of Gullies	<b>0</b>	
	Total Length of Gullies (ft.):	<b>0.0</b>	
	Average Height of Gullies		

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



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **M09 -B**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:		
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):		
	Path Length (ft.):		
	Road Length (ft.):		
	Railroad Lenth (ft.):		
	Development Length:		
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):		
	Erosion Height (ft.):		
	Revetment Type:		
	Revetment length		
3.2	<u>Buffer Less Than 25 ft.</u>		
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:		
	Average Heigh (ft.):		
	Gullies:		
	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:	
4.5	Flow Regulation Type:	
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	Road Ditch
	Field Ditch	Tile Drain
	Other	Ub Strm Wtr Pipe
4.9	Beaver Dams:	
	Affected length (ft.):	
5.2	Migration Features	
	Flood Chutes:	
	Neck Cutoffs:	
	Channel Avulsions:	
	Braiding:	
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	
	Head Cuts:	
5.4	Animal Crossings:	
5.5	Channel Alterations	
	Straightening:	
	Length (ft.):	<b>0.0</b>
	Dredging:	



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
June, 17 2026

## Phase 2 - FIT - Legacy Data Report

## Rock River

SGAT Version: **4.56**

Reach: **M5S2.01 -B**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>333.2</b>	<b>0.0</b>
	Path Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Road Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b>	<b>0.0</b>
	Development Length:	<b>0.0</b>	<b>92.4</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>62.2</b>	<b>27.2</b>
	Erosion Height (ft.):	<b>2.4</b>	<b>2.0</b>
	Revetment Type:	<b>Rip-Rap</b>	<b>Rip-Rap</b>
	Revetment length	<b>17.6</b>	<b>11.8</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>0</b>	<b>0</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):	<b>0.0</b>	<b>0.0</b>
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>None</b>	
	Number of Gullies	<b>0</b>	
	Total Length of Gullies (ft.):	<b>0.0</b>	
	Average Height of Gullies		

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>0</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow <b>0</b>	Road Ditch <b>0</b>
	Field Ditch <b>0</b>	Tile Drain <b>0</b>
	Other <b>12</b>	Ub Strm Wtr Pipe <b>0</b>
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>2</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>No</b>
5.5	Channel Alterations	
	Straightening:	<b>Straightening</b>
	Length (ft.):	<b>2,555.8</b>
	Dredging:	<b>Dredging</b>



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
June, 17 2026

## Phase 2 - FIT - Legacy Data Report

## Rock River

SGAT Version: **4.56**

Reach: **M5S4.01 -C**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Path Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Road Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b>	<b>0.0</b>
	Development Length:	<b>0.0</b>	<b>0.0</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>48.8</b>	<b>0.0</b>
	Erosion Height (ft.):	<b>3.0</b>	<b>0.0</b>
	Revetment Type:	<b>None</b>	<b>None</b>
	Revetment length	<b>0.0</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>		
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):	<b>0.0</b>	<b>0.0</b>
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):	<b>0.0</b>	
	Gullies:	<b>One</b>	
	Number of Gullies		
	Total Length of Gullies (ft.):		
	Average Height of Gullies	<b>8.0</b>	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>2</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow <b>0</b>	Road Ditch <b>0</b>
	Field Ditch <b>0</b>	Tile Drain <b>0</b>
	Other <b>1</b>	Ub Strm Wtr Pipe <b>0</b>
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>1</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>1</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>Yes</b>
5.5	Channel Alterations	
	Straightening:	<b>Straightening</b>
	Length (ft.):	<b>1,862.3</b>
	Dredging:	<b>None</b>



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **M5S4.01 -E**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>930.4</b>	<b>0.0</b>
	Path Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Road Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b>	<b>0.0</b>
	Development Length:	<b>0.0</b>	<b>51.4</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Erosion Height (ft.):	<b>0.0</b>	<b>0.0</b>
	Revetment Type:	<b>None</b>	<b>None</b>
	Revetment length	<b>0.0</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>		
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):	<b>0.0</b>	<b>0.0</b>
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>None</b>	
	Number of Gullies	<b>0</b>	
	Total Length of Gullies (ft.):	<b>0.0</b>	
	Average Height of Gullies		

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>0</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow <b>0</b>	Road Ditch <b>0</b>
	Field Ditch <b>0</b>	Tile Drain <b>0</b>
	Other <b>12</b>	Ub Strm Wtr Pipe <b>0</b>
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>0</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>3</b>
5.4	Animal Crossings:	<b>No</b>
5.5	Channel Alterations	
	Straightening:	<b>Straightening</b>
	Length (ft.):	<b>1,879.3</b>
	Dredging:	<b>Dredging</b>



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **M6S1.1S1.01 -A**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Path Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Road Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b>	<b>0.0</b>
	Development Length:	<b>0.0</b>	<b>143.6</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>900.0</b>	<b>899.7</b>
	Erosion Height (ft.):	<b>2.0</b>	<b>2.0</b>
	Revetment Type:	<b>None</b>	<b>None</b>
	Revetment length	<b>0.0</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>0</b>	<b>0</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):	<b>0.0</b>	<b>0.0</b>
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>None</b>	
	Number of Gullies	<b>0</b>	
	Total Length of Gullies (ft.):	<b>0.0</b>	
	Average Height of Gullies		

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>0</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	<b>0</b>
	Road Ditch	<b>0</b>
	Field Ditch	<b>0</b>
	Tile Drain	<b>0</b>
	Other	<b>4</b>
	Ub Strm Wtr Pipe	<b>0</b>
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>0</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>No</b>
5.5	Channel Alterations	
	Straightening:	<b>Straightening</b>
	Length (ft.):	<b>2,970.0</b>
	Dredging:	<b>Dredging</b>



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **M1S1.01 -B**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>Yes</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):		
	Path Length (ft.):		
	Road Length (ft.):		
	Railroad Lenth (ft.):		
	Development Length:		
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>90.5</b>	<b>0.0</b>
	Erosion Height (ft.):	<b>2.0</b>	<b>0.0</b>
	Revetment Type:	<b>None</b>	<b>None</b>
	Revetment length	<b>0.0</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>21</b>	<b>17</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>None</b>	
	Number of Gullies	<b>0</b>	
	Total Length of Gullies (ft.):	<b>0.0</b>	
	Average Height of Gullies		

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



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **M1S1.03 -A**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>637.4</b>	<b>0.0</b>
	Path Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Road Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b>	<b>0.0</b>
	Development Length:	<b>0.0</b>	<b>20.9</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>810.2</b>	<b>827.1</b>
	Erosion Height (ft.):	<b>3.5</b>	<b>3.5</b>
	Revetment Type:	<b>Rip-Rap</b>	<b>Rip-Rap</b>
	Revetment length	<b>45.2</b>	<b>47.4</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>1597</b>	<b>1875</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>Multiple</b>	
	Number of Gullies	<b>4</b>	
	Total Length of Gullies (ft.):	<b>60.0</b>	
	Average Height of Gullies	<b>1.8</b>	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>2</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow <b>0</b>	Road Ditch <b>0</b>
	Field Ditch <b>0</b>	Tile Drain <b>5</b>
	Other <b>0</b>	Ub Strm Wtr Pipe <b>0</b>
4.9	Beaver Dams:	<b>1</b>
	Affected length (ft.):	<b>50.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>1</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>1</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>1</b>
5.4	Animal Crossings:	<b>No</b>
5.5	Channel Alterations	
	Straightening:	<b>Straightening</b>
	Length (ft.):	<b>1,501.7</b>
	Dredging:	<b>Dredging</b>



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: QM.04 -0

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):		
	Path Length (ft.):		
	Road Length (ft.):		
	Railroad Lenth (ft.):		
	Development Length:		
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>157.0</b>	<b>119.8</b>
	Erosion Height (ft.):	<b>6.9</b>	<b>3.5</b>
	Revetment Type:	<b>None</b>	<b>None</b>
	Revetment length	<b>0.0</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>0</b>	<b>0</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>Multiple</b>	
	Number of Gullies	<b>3</b>	
	Total Length of Gullies (ft.):	<b>260.0</b>	
	Average Height of Gullies	<b>3.3</b>	

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



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **QM.06 -A**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):		
	Path Length (ft.):		
	Road Length (ft.):		
	Railroad Lenth (ft.):		
	Development Length:		
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>40.1</b>	<b>0.0</b>
	Erosion Height (ft.):	<b>4.0</b>	<b>0.0</b>
	Revetment Type:	<b>None</b>	<b>None</b>
	Revetment length	<b>0.0</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>0</b>	<b>415</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>Multiple</b>	
	Number of Gullies	<b>2</b>	
	Total Length of Gullies (ft.):	<b>400.0</b>	
	Average Height of Gullies	<b>3.0</b>	

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



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **QT2.04 -0**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):		
	Path Length (ft.):		
	Road Length (ft.):		
	Railroad Lenth (ft.):		
	Development Length:		
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>348.6</b>	<b>193.3</b>
	Erosion Height (ft.):	<b>2.1</b>	<b>2.0</b>
	Revetment Type:	<b>None</b>	<b>None</b>
	Revetment length	<b>0.0</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>0</b>	<b>0</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>One</b>	
	Number of Gullies	<b>1</b>	
	Total Length of Gullies (ft.):	<b>150.0</b>	
	Average Height of Gullies	<b>3.0</b>	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>3</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	Road Ditch
	Field Ditch	Tile Drain
	Other	Ub Strm Wtr Pipe
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>0</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>No</b>
5.5	Channel Alterations	
	Straightening:	<b>Straightening</b>
	Length (ft.):	<b>268.9</b>
	Dredging:	<b>None</b>



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
June, 17 2026

## Phase 2 - FIT - Legacy Data Report

## Rock River

SGAT Version: **4.56**

Reach: **QT2.06 -0**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):		
	Path Length (ft.):		
	Road Length (ft.):		
	Railroad Lenth (ft.):		
	Development Length:		
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>57.7</b>	<b>0.0</b>
	Erosion Height (ft.):	<b>4.1</b>	<b>0.0</b>
	Revetment Type:	<b>None</b>	<b>None</b>
	Revetment length	<b>0.0</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>2122</b>	<b>1796</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>None</b>	
	Number of Gullies	<b>0</b>	
	Total Length of Gullies (ft.):	<b>0.0</b>	
	Average Height of Gullies		

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>0</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	Road Ditch
	Field Ditch	Tile Drain
	Other	Ub Strm Wtr Pipe
4.9	Beaver Dams:	<b>1</b>
	Affected length (ft.):	<b>4.5</b>
5.2	Migration Features	
	Flood Chutes:	<b>0</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>Yes</b>
5.5	Channel Alterations	
	Straightening:	<b>Straightening</b>
	Length (ft.):	<b>1,822.4</b>
	Dredging:	<b>None</b>



Phase 2 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **QT3S1.01 -0**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):		
	Path Length (ft.):		
	Road Length (ft.):		
	Railroad Lenth (ft.):		
	Development Length:		
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>94.7</b>	<b>139.7</b>
	Erosion Height (ft.):	<b>1.7</b>	<b>2.1</b>
	Revetment Type:	<b>None</b>	<b>None</b>
	Revetment length	<b>0.0</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>1492</b>	<b>3935</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>None</b>	
	Number of Gullies	<b>0</b>	
	Total Length of Gullies (ft.):	<b>0.0</b>	
	Average Height of Gullies		

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>7</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow <b>0</b>	Road Ditch <b>0</b>
	Field Ditch <b>0</b>	Tile Drain <b>1</b>
	Other <b>0</b>	Ub Strm Wtr Pipe <b>0</b>
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>0</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>No</b>
5.5	Channel Alterations	
	Straightening:	<b>Straightening</b>
	Length (ft.):	<b>4,327.5</b>
	Dredging:	<b>None</b>



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
June, 17 2026

## Phase 2 - FIT - Legacy Data Report

## Rock River

SGAT Version: **4.56**

Reach: **QT1.02 -0**

<u>Step</u>	<u>Description</u>	<u>Value</u>
1.2	Alluvial Fan:	<b>None</b>
1.3	<u>Encroachments - Side</u>	<u>One</u> <u>Both</u>
	Berm Length (ft.):	<b>0.0</b> <b>0.0</b>
	Path Length (ft.):	<b>0.0</b> <b>0.0</b>
	Road Length (ft.):	<b>629.5</b> <b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b> <b>0.0</b>
	Development Length:	<b>0.0</b> <b>147.9</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	<b>0.0</b> <b>0.0</b>
	Erosion Height (ft.):	<b>0.0</b> <b>0.0</b>
	Revetment Type:	<b>Rip-Rap</b> <b>None</b>
	Revetment length	<b>32.8</b> <b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>1802</b> <b>2689</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u> <u>Right</u>
	Mass Failures:	
	Average Height (ft.):	
	Mass Failures:	<b>None</b>
	Average Heigh (ft.):	
	Gullies:	<b>None</b>
	Number of Gullies	<b>0</b>
	Total Length of Gullies (ft.):	<b>0.0</b>
	Average Height of Gullies	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>0</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	<b>0</b> Road Ditch <b>2</b>
	Field Ditch	<b>0</b> Tile Drain <b>0</b>
	Other	<b>0</b> Ub Strm Wtr Pipe <b>0</b>
4.9	Beaver Dams:	<b>1</b>
	Affected length (ft.):	<b>2.5</b>
5.2	Migration Features	
	Flood Chutes:	<b>0</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>No</b>
5.5	Channel Alterations	
	Straightening:	<b>Straightening</b>
	Length (ft.):	<b>1,951.6</b>
	Dredging:	<b>None</b>



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
June, 17 2026

## Phase 2 - FIT - Legacy Data Report

## Rock River

SGAT Version: **4.56**

Reach: **QT1.02 -0**

<u>Step</u>	<u>Description</u>	<u>Value</u>
1.2	Alluvial Fan:	<b>None</b>
1.3	<u>Encroachments - Side</u>	<u>One</u> <u>Both</u>
	Berm Length (ft.):	<b>0.0</b> <b>0.0</b>
	Path Length (ft.):	<b>0.0</b> <b>0.0</b>
	Road Length (ft.):	<b>629.5</b> <b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b> <b>0.0</b>
	Development Length:	<b>0.0</b> <b>147.9</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	<b>0.0</b> <b>0.0</b>
	Erosion Height (ft.):	<b>0.0</b> <b>0.0</b>
	Revetment Type:	<b>Rip-Rap</b> <b>None</b>
	Revetment length	<b>32.8</b> <b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>1802</b> <b>2689</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u> <u>Right</u>
	Mass Failures:	
	Average Height (ft.):	
	Mass Failures:	<b>None</b>
	Average Heigh (ft.):	
	Gullies:	<b>None</b>
	Number of Gullies	<b>0</b>
	Total Length of Gullies (ft.):	<b>0.0</b>
	Average Height of Gullies	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>0</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	<b>0</b> Road Ditch <b>0</b>
	Field Ditch	<b>0</b> Tile Drain <b>0</b>
	Other	<b>0</b> Ub Strm Wtr Pipe <b>3</b>
4.9	Beaver Dams:	<b>1</b>
	Affected length (ft.):	<b>2.5</b>
5.2	Migration Features	
	Flood Chutes:	<b>0</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>No</b>
5.5	Channel Alterations	
	Straightening:	<b>Straightening</b>
	Length (ft.):	<b>1,951.6</b>
	Dredging:	<b>None</b>