



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
April, 08 2026

Phase 2 - FIT - Legacy Data Report

New Haven River

SGAT Version: **4.56**

Reach: **M02 -0**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|--------------------------------|----------------|-----------------|
| 1.2 | Alluvial Fan: | None | |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> | <u>Both</u> |
| | Berm Length (ft.): | 252.3 | 0.0 |
| | Path Length (ft.): | 0.0 | 0.0 |
| | Road Length (ft.): | 0.0 | 0.0 |
| | Railroad Lenth (ft.): | 0.0 | 0.0 |
| | Development Length: | 483.6 | 193.7 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | 797.5 | 669.2 |
| | Erosion Height (ft.): | 5.3 | 4.8 |
| | Revetment Type: | Rip-Rap | Multiple |
| | Revetment length | 429.4 | 344.4 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | 661 | 442 |
| 3.3 | <u>Riparian Corridor</u> | <u>Left</u> | <u>Right</u> |
| | Mass Failures: | | |
| | Average Height (ft.): | | |
| | Mass Failures: | None | |
| | Average Heigh (ft.): | | |
| | Gullies: | None | |
| | Number of Gullies | | |
| | Total Length of Gullies (ft.): | | |
| | Average Height of Gullies | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|-----------------------------|---------------------------|
| 4.4 | Number of Debris Jams: | 0 |
| 4.5 | Flow Regulation Type: | None |
| | Use: | |
| 4.7 | Stormwater Inputs | |
| | Overland Flow 0 | Road Ditch 0 |
| | Field Ditch 1 | Tile Drain 0 |
| | Other 0 | Ub Strm Wtr Pipe 0 |
| 4.9 | Beaver Dams: | 0 |
| | Affected length (ft.): | 0.0 |
| 5.2 | Migration Features | |
| | Flood Chutes: | 4 |
| | Neck Cutoffs: | 2 |
| | Channel Avulsions: | 0 |
| | Braiding: | 0 |
| 5.3 | Steep Riffles and Head Cuts | |
| | Steep Riffles: | 0 |
| | Head Cuts: | 0 |
| 5.4 | Animal Crossings: | No |
| 5.5 | Channel Alterations | |
| | Straightening: | Straightening |
| | Length (ft.): | 883.0 |
| | Dredging: | None |



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
April, 08 2026

Phase 2 - FIT - Legacy Data Report

New Haven River

SGAT Version: **4.56**

Reach: **M04 -0**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|--------------------------------|----------------|----------------|
| 1.2 | Alluvial Fan: | None | |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> | <u>Both</u> |
| | Berm Length (ft.): | 238.8 | 0.0 |
| | Path Length (ft.): | 0.0 | 0.0 |
| | Road Length (ft.): | 1,445.0 | 0.0 |
| | Railroad Lenth (ft.): | 0.0 | 0.0 |
| | Development Length: | 300.1 | 0.0 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | 850.5 | 882.1 |
| | Erosion Height (ft.): | 5.0 | 5.6 |
| | Revetment Type: | Rip-Rap | Rip-Rap |
| | Revetment length | 1,033.7 | 361.8 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | 499 | 842 |
| 3.3 | <u>Riparian Corridor</u> | <u>Left</u> | <u>Right</u> |
| | Mass Failures: | | |
| | Average Height (ft.): | | |
| | Mass Failures: | None | |
| | Average Heigh (ft.): | | |
| | Gullies: | None | |
| | Number of Gullies | 0 | |
| | Total Length of Gullies (ft.): | 0.0 | |
| | Average Height of Gullies | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|-----------------------------|----------------------|
| 4.4 | Number of Debris Jams: | 0 |
| 4.5 | Flow Regulation Type: | None |
| | Use: | |
| 4.7 | Stormwater Inputs | |
| | Overland Flow | Road Ditch |
| | Field Ditch | Tile Drain |
| | Other | Ub Strm Wtr Pipe |
| 4.9 | Beaver Dams: | 0 |
| | Affected length (ft.): | 0.0 |
| 5.2 | Migration Features | |
| | Flood Chutes: | 2 |
| | Neck Cutoffs: | 0 |
| | Channel Avulsions: | 0 |
| | Braiding: | 0 |
| 5.3 | Steep Riffles and Head Cuts | |
| | Steep Riffles: | 0 |
| | Head Cuts: | 0 |
| 5.4 | Animal Crossings: | No |
| 5.5 | Channel Alterations | |
| | Straightening: | Straightening |
| | Length (ft.): | 1,659.6 |
| | Dredging: | None |



Phase 2 - FIT - Legacy Data Report

New Haven River

SGAT Version: 4.56

Reach: T4.04 -0

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|--------------------------------|--------------|----------------|
| 1.2 | Alluvial Fan: | None | |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> | <u>Both</u> |
| | Berm Length (ft.): | 0.0 | 0.0 |
| | Path Length (ft.): | 0.0 | 0.0 |
| | Road Length (ft.): | 0.0 | 0.0 |
| | Railroad Lenth (ft.): | 0.0 | 0.0 |
| | Development Length: | 0.0 | 0.0 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | 70.0 | 410.0 |
| | Erosion Height (ft.): | 3.0 | 2.0 |
| | Revetment Type: | None | Rip-Rap |
| | Revetment length | | 450.0 |
| 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.): | 0.0 | 0.0 |
| | Mass Failures: | | |
| | Average Heigh (ft.): | 0.0 | |
| | 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: | 5 |
| 4.5 | Flow Regulation Type: | None |
| | Use: | |
| 4.7 | Stormwater Inputs | |
| | Overland Flow 0 | Road Ditch 0 |
| | Field Ditch 0 | Tile Drain 0 |
| | Other 2 | Ub Strm Wtr Pipe 0 |
| 4.9 | Beaver Dams: | 0 |
| | Affected length (ft.): | |
| 5.2 | Migration Features | |
| | Flood Chutes: | 1 |
| | Neck Cutoffs: | 0 |
| | Channel Avulsions: | 1 |
| | Braiding: | 0 |
| 5.3 | Steep Riffles and Head Cuts | |
| | Steep Riffles: | 1 |
| | Head Cuts: | 0 |
| 5.4 | Animal Crossings: | No |
| 5.5 | Channel Alterations | |
| | Straightening: | |
| | Length (ft.): | 0.0 |
| | Dredging: | |



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
April, 08 2026

Phase 2 - FIT - Legacy Data Report

New Haven River

SGAT Version: **4.56**

Reach: **T3.07 -0**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|--------------------------------|----------------|--------------|
| 1.2 | Alluvial Fan: | None | |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> | <u>Both</u> |
| | Berm Length (ft.): | 0.0 | 0.0 |
| | Path Length (ft.): | 0.0 | 0.0 |
| | Road Length (ft.): | 0.0 | 0.0 |
| | Railroad Lenth (ft.): | 0.0 | 0.0 |
| | Development Length: | 0.0 | 0.0 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | 300.0 | 500.0 |
| | Erosion Height (ft.): | 1.0 | 1.0 |
| | Revetment Type: | Rip-Rap | |
| | Revetment length | 100.0 | |
| 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.): | 0.0 | 0.0 |
| | Mass Failures: | | |
| | Average Heigh (ft.): | 0.0 | |
| | 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: | 2 |
| 4.5 | Flow Regulation Type: | None |
| | Use: | |
| 4.7 | Stormwater Inputs | |
| | Overland Flow 0 | Road Ditch 0 |
| | Field Ditch 0 | Tile Drain 0 |
| | Other 2 | Ub Strm Wtr Pipe 0 |
| 4.9 | Beaver Dams: | 0 |
| | Affected length (ft.): | |
| 5.2 | Migration Features | |
| | Flood Chutes: | 1 |
| | Neck Cutoffs: | 0 |
| | Channel Avulsions: | 0 |
| | Braiding: | 1 |
| 5.3 | Steep Riffles and Head Cuts | |
| | Steep Riffles: | 1 |
| | Head Cuts: | 0 |
| 5.4 | Animal Crossings: | No |
| 5.5 | Channel Alterations | |
| | Straightening: | None |
| | Length (ft.): | 0.0 |
| | Dredging: | None |



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
April, 08 2026

Phase 2 - FIT - Legacy Data Report

New Haven River

SGAT Version: **4.56**

Reach: **T3.01 -0**

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|--------------------------------|----------------------------|
| 1.2 | Alluvial Fan: | None |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> <u>Both</u> |
| | Berm Length (ft.): | 191.4 0.0 |
| | Path Length (ft.): | 0.0 0.0 |
| | Road Length (ft.): | 0.0 0.0 |
| | Railroad Lenth (ft.): | 0.0 0.0 |
| | Development Length: | 0.0 0.0 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> <u>Right</u> |
| | Erosion Length (ft.): | 606.6 199.1 |
| | Erosion Height (ft.): | 2.8 3.5 |
| | Revetment Type: | Rip-Rap None |
| | Revetment length | 662.4 0.0 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | 950 0 |
| 3.3 | <u>Riparian Corridor</u> | <u>Left</u> <u>Right</u> |
| | Mass Failures: | 40.96 38.21 |
| | Average Height (ft.): | 8.0 15.0 |
| | Mass Failures: | Multiple |
| | Average Heigh (ft.): | 11.5 |
| | Gullies: | None |
| | Number of Gullies | 0 |
| | Total Length of Gullies (ft.): | 0.0 |
| | Average Height of Gullies | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|-----------------------------|----------------------|
| 4.4 | Number of Debris Jams: | 0 |
| 4.5 | Flow Regulation Type: | None |
| | Use: | |
| 4.7 | Stormwater Inputs | |
| | Overland Flow | Road Ditch |
| | Field Ditch | Tile Drain |
| | Other | Ub Strm Wtr Pipe |
| 4.9 | Beaver Dams: | 0 |
| | Affected length (ft.): | 0.0 |
| 5.2 | Migration Features | |
| | Flood Chutes: | 8 |
| | Neck Cutoffs: | 0 |
| | Channel Avulsions: | 0 |
| | Braiding: | 0 |
| 5.3 | Steep Riffles and Head Cuts | |
| | Steep Riffles: | 0 |
| | Head Cuts: | 0 |
| 5.4 | Animal Crossings: | No |
| 5.5 | Channel Alterations | |
| | Straightening: | Straightening |
| | Length (ft.): | 2,973.7 |
| | Dredging: | None |



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
April, 08 2026

Phase 2 - FIT - Legacy Data Report

New Haven River

SGAT Version: **4.56**

Reach: **T3.03 -B**

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|--------------------------------|-------------------------------|
| 1.2 | Alluvial Fan: | Yes |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> <u>Both</u> |
| | Berm Length (ft.): | 217.1 0.0 |
| | Path Length (ft.): | 0.0 0.0 |
| | Road Length (ft.): | 645.5 0.0 |
| | Railroad Lenth (ft.): | 0.0 0.0 |
| | Development Length: | 39.7 72.8 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> <u>Right</u> |
| | Erosion Length (ft.): | 0.0 62.6 |
| | Erosion Height (ft.): | 0.0 3.0 |
| | Revetment Type: | Rip-Rap Rip-Rap |
| | Revetment length | 335.0 222.2 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | 416 299 |
| 3.3 | <u>Riparian Corridor</u> | <u>Left</u> <u>Right</u> |
| | Mass Failures: | |
| | Average Height (ft.): | |
| | Mass Failures: | None |
| | Average Heigh (ft.): | |
| | Gullies: | None |
| | Number of Gullies | 0 |
| | Total Length of Gullies (ft.): | 0.0 |
| | Average Height of Gullies | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|-----------------------------|----------------------|
| 4.4 | Number of Debris Jams: | 0 |
| 4.5 | Flow Regulation Type: | None |
| | Use: | |
| 4.7 | Stormwater Inputs | |
| | Overland Flow | Road Ditch |
| | Field Ditch | Tile Drain |
| | Other | Ub Strm Wtr Pipe |
| 4.9 | Beaver Dams: | 0 |
| | Affected length (ft.): | 0.0 |
| 5.2 | Migration Features | |
| | Flood Chutes: | 1 |
| | Neck Cutoffs: | 0 |
| | Channel Avulsions: | 0 |
| | Braiding: | 0 |
| 5.3 | Steep Riffles and Head Cuts | |
| | Steep Riffles: | 0 |
| | Head Cuts: | 0 |
| 5.4 | Animal Crossings: | No |
| 5.5 | Channel Alterations | |
| | Straightening: | Straightening |
| | Length (ft.): | 1,012.8 |
| | Dredging: | Dredging |



Phase 2 - FIT - Legacy Data Report

New Haven River

SGAT Version: 4.56

Reach: **M03 -0**

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|--------------------------------|-------------------------------|
| 1.2 | Alluvial Fan: | None |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> <u>Both</u> |
| | Berm Length (ft.): | 0.0 0.0 |
| | Path Length (ft.): | 0.0 0.0 |
| | Road Length (ft.): | 1,164.0 105.6 |
| | Railroad Lenth (ft.): | 0.0 0.0 |
| | Development Length: | 498.7 120.5 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> <u>Right</u> |
| | Erosion Length (ft.): | 971.2 710.1 |
| | Erosion Height (ft.): | 3.3 4.0 |
| | Revetment Type: | Rip-Rap Rip-Rap |
| | Revetment length | 447.3 210.1 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | 1028 343 |
| 3.3 | <u>Riparian Corridor</u> | <u>Left</u> <u>Right</u> |
| | Mass Failures: | |
| | Average Height (ft.): | |
| | Mass Failures: | None |
| | Average Heigh (ft.): | |
| | Gullies: | None |
| | Number of Gullies | 0 |
| | Total Length of Gullies (ft.): | 0.0 |
| | Average Height of Gullies | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|-----------------------------|---------------------------|
| 4.4 | Number of Debris Jams: | 0 |
| 4.5 | Flow Regulation Type: | Small Withdrawal |
| | Use: | Other |
| 4.7 | Stormwater Inputs | |
| | Overland Flow 1 | Road Ditch 0 |
| | Field Ditch 0 | Tile Drain 0 |
| | Other 0 | Ub Strm Wtr Pipe 0 |
| 4.9 | Beaver Dams: | 0 |
| | Affected length (ft.): | 0.0 |
| 5.2 | Migration Features | |
| | Flood Chutes: | 1 |
| | Neck Cutoffs: | 0 |
| | Channel Avulsions: | 0 |
| | Braiding: | 0 |
| 5.3 | Steep Riffles and Head Cuts | |
| | Steep Riffles: | 1 |
| | Head Cuts: | 0 |
| 5.4 | Animal Crossings: | No |
| 5.5 | Channel Alterations | |
| | Straightening: | Straightening |
| | Length (ft.): | 915.5 |
| | Dredging: | None |



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
April, 08 2026

Phase 2 - FIT - Legacy Data Report

New Haven River

SGAT Version: **4.56**

Reach: **M10 -0**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|--------------------------------|----------------|----------------|
| 1.2 | Alluvial Fan: | None | |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> | <u>Both</u> |
| | Berm Length (ft.): | 228.0 | 0.0 |
| | Path Length (ft.): | 1,851.3 | 0.0 |
| | Road Length (ft.): | 0.0 | 0.0 |
| | Railroad Lenth (ft.): | 0.0 | 0.0 |
| | Development Length: | 68.8 | 0.0 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | 1,031.9 | 101.9 |
| | Erosion Height (ft.): | 6.9 | 3.0 |
| | Revetment Type: | Rip-Rap | Rip-Rap |
| | Revetment length | 296.6 | 562.6 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | 780 | 402 |
| 3.3 | <u>Riparian Corridor</u> | <u>Left</u> | <u>Right</u> |
| | Mass Failures: | | |
| | Average Height (ft.): | | |
| | Mass Failures: | None | |
| | Average Heigh (ft.): | | |
| | Gullies: | None | |
| | Number of Gullies | 0 | |
| | Total Length of Gullies (ft.): | 0.0 | |
| | Average Height of Gullies | | |

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



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
April, 08 2026

Phase 2 - FIT - Legacy Data Report

New Haven River

SGAT Version: **4.56**

Reach: **M18 -0**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|--------------------------------|----------------|----------------|
| 1.2 | Alluvial Fan: | None | |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> | <u>Both</u> |
| | Berm Length (ft.): | 0.0 | 0.0 |
| | Path Length (ft.): | 0.0 | 0.0 |
| | Road Length (ft.): | 0.0 | 0.0 |
| | Railroad Lenth (ft.): | 0.0 | 0.0 |
| | Development Length: | 0.0 | 0.0 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | 1,200.0 | 400.0 |
| | Erosion Height (ft.): | 10.0 | 6.0 |
| | Revetment Type: | None | Rip-Rap |
| | Revetment length | 1,850.0 | |
| 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: | 0 |
| 4.5 | Flow Regulation Type: | None |
| | Use: | |
| 4.7 | Stormwater Inputs | |
| | Overland Flow 0 | Road Ditch 0 |
| | Field Ditch 0 | Tile Drain 0 |
| | Other 1 | Ub Strm Wtr Pipe 0 |
| 4.9 | Beaver Dams: | 0 |
| | Affected length (ft.): | |
| 5.2 | Migration Features | |
| | Flood Chutes: | 1 |
| | Neck Cutoffs: | 0 |
| | Channel Avulsions: | 0 |
| | Braiding: | 1 |
| 5.3 | Steep Riffles and Head Cuts | |
| | Steep Riffles: | 1 |
| | Head Cuts: | 0 |
| 5.4 | Animal Crossings: | No |
| 5.5 | Channel Alterations | |
| | Straightening: | None |
| | Length (ft.): | 0.0 |
| | Dredging: | Dredging |



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
April, 08 2026

Phase 2 - FIT - Legacy Data Report

New Haven River

SGAT Version: **4.56**

Reach: **M22 -0**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|--------------------------------|----------------|--------------|
| 1.2 | Alluvial Fan: | None | |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> | <u>Both</u> |
| | Berm Length (ft.): | 0.0 | 0.0 |
| | Path Length (ft.): | 0.0 | 0.0 |
| | Road Length (ft.): | 0.0 | 0.0 |
| | Railroad Lenth (ft.): | 0.0 | 0.0 |
| | Development Length: | 0.0 | 0.0 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | 500.0 | 3.0 |
| | Erosion Height (ft.): | 500.0 | 2.0 |
| | Revetment Type: | Rip-Rap | |
| | Revetment length | 100.0 | |
| 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: | 0 |
| 4.5 | Flow Regulation Type: | None |
| | Use: | |
| 4.7 | Stormwater Inputs | |
| | Overland Flow 0 | Road Ditch 0 |
| | Field Ditch 0 | Tile Drain 0 |
| | Other 2 | Ub Strm Wtr Pipe 0 |
| 4.9 | Beaver Dams: | 0 |
| | Affected length (ft.): | |
| 5.2 | Migration Features | |
| | Flood Chutes: | 0 |
| | Neck Cutoffs: | 0 |
| | Channel Avulsions: | 0 |
| | Braiding: | 0 |
| 5.3 | Steep Riffles and Head Cuts | |
| | Steep Riffles: | 0 |
| | Head Cuts: | 0 |
| 5.4 | Animal Crossings: | No |
| 5.5 | Channel Alterations | |
| | Straightening: | Straightening |
| | Length (ft.): | 0.0 |
| | Dredging: | None |



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
April, 08 2026

Phase 2 - FIT - Legacy Data Report

New Haven River

SGAT Version: **4.56**

Reach: **T3.06 -0**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|--------------------------------|----------------|----------------|
| 1.2 | Alluvial Fan: | None | |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> | <u>Both</u> |
| | Berm Length (ft.): | 0.0 | 0.0 |
| | Path Length (ft.): | 0.0 | 0.0 |
| | Road Length (ft.): | 0.0 | 0.0 |
| | Railroad Lenth (ft.): | 0.0 | 0.0 |
| | Development Length: | 0.0 | 0.0 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | 3,000.0 | 3,000.0 |
| | Erosion Height (ft.): | 1.0 | 1.0 |
| | Revetment Type: | Rip-Rap | Rip-Rap |
| | Revetment length | 60.0 | 20.0 |
| 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.): | 0.0 | 0.0 |
| | Mass Failures: | | |
| | Average Heigh (ft.): | 0.0 | |
| | 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: | 1 |
| 4.5 | Flow Regulation Type: | None |
| | Use: | |
| 4.7 | Stormwater Inputs | |
| | Overland Flow 0 | Road Ditch 0 |
| | Field Ditch 0 | Tile Drain 0 |
| | Other 4 | Ub Strm Wtr Pipe 0 |
| 4.9 | Beaver Dams: | 0 |
| | Affected length (ft.): | |
| 5.2 | Migration Features | |
| | Flood Chutes: | 1 |
| | Neck Cutoffs: | 0 |
| | Channel Avulsions: | 0 |
| | Braiding: | |
| 5.3 | Steep Riffles and Head Cuts | |
| | Steep Riffles: | 0 |
| | Head Cuts: | 0 |
| 5.4 | Animal Crossings: | No |
| 5.5 | Channel Alterations | |
| | Straightening: | |
| | Length (ft.): | 0.0 |
| | Dredging: | |



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
April, 08 2026

Phase 2 - FIT - Legacy Data Report

New Haven River

SGAT Version: **4.56**

Reach: **M13 -0**

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|--------------------------------|-----------------------------|
| 1.2 | Alluvial Fan: | Yes |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> <u>Both</u> |
| | Berm Length (ft.): | 708.0 0.0 |
| | Path Length (ft.): | 0.0 0.0 |
| | Road Length (ft.): | 1,388.4 0.0 |
| | Railroad Lenth (ft.): | 0.0 0.0 |
| | Development Length: | 403.7 0.0 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> <u>Right</u> |
| | Erosion Length (ft.): | 986.6 966.4 |
| | Erosion Height (ft.): | 3.8 5.3 |
| | Revetment Type: | None Multiple |
| | Revetment length | 0.0 903.0 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | 253 383 |
| 3.3 | <u>Riparian Corridor</u> | <u>Left</u> <u>Right</u> |
| | Mass Failures: | 405.43 |
| | Average Height (ft.): | 20.0 |
| | Mass Failures: | One |
| | Average Heigh (ft.): | 20.0 |
| | Gullies: | None |
| | Number of Gullies | 0 |
| | Total Length of Gullies (ft.): | 0.0 |
| | Average Height of Gullies | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|-----------------------------|------------------------|
| 4.4 | Number of Debris Jams: | 0 |
| 4.5 | Flow Regulation Type: | None |
| | Use: | |
| 4.7 | Stormwater Inputs | |
| | Overland Flow | Road Ditch |
| | Field Ditch | Tile Drain |
| | Other | Ub Strm Wtr Pipe |
| 4.9 | Beaver Dams: | 0 |
| | Affected length (ft.): | 0.0 |
| 5.2 | Migration Features | |
| | Flood Chutes: | 0 |
| | Neck Cutoffs: | 0 |
| | Channel Avulsions: | 0 |
| | Braiding: | 0 |
| 5.3 | Steep Riffles and Head Cuts | |
| | Steep Riffles: | 0 |
| | Head Cuts: | 0 |
| 5.4 | Animal Crossings: | No |
| 5.5 | Channel Alterations | |
| | Straightening: | With Windrowing |
| | Length (ft.): | 3,091.6 |
| | Dredging: | Dredging |



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
April, 08 2026

Phase 2 - FIT - Legacy Data Report

New Haven River

SGAT Version: **4.56**

Reach: **M06 -0**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|--------------------------------|----------------|--------------|
| 1.2 | Alluvial Fan: | None | |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> | <u>Both</u> |
| | Berm Length (ft.): | 0.0 | 0.0 |
| | Path Length (ft.): | 0.0 | 0.0 |
| | Road Length (ft.): | 473.0 | 0.0 |
| | Railroad Lenth (ft.): | 0.0 | 0.0 |
| | Development Length: | 197.8 | 0.0 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | 229.7 | 198.6 |
| | Erosion Height (ft.): | 6.0 | 6.3 |
| | Revetment Type: | Rip-Rap | None |
| | Revetment length | 478.4 | 0.0 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | 689 | 328 |
| 3.3 | <u>Riparian Corridor</u> | <u>Left</u> | <u>Right</u> |
| | Mass Failures: | | |
| | Average Height (ft.): | | |
| | Mass Failures: | None | |
| | Average Heigh (ft.): | | |
| | Gullies: | None | |
| | Number of Gullies | 0 | |
| | Total Length of Gullies (ft.): | 0.0 | |
| | Average Height of Gullies | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|-----------------------------|----------------------|
| 4.4 | Number of Debris Jams: | 0 |
| 4.5 | Flow Regulation Type: | None |
| | Use: | |
| 4.7 | Stormwater Inputs | |
| | Overland Flow | Road Ditch |
| | Field Ditch | Tile Drain |
| | Other | Ub Strm Wtr Pipe |
| 4.9 | Beaver Dams: | 0 |
| | Affected length (ft.): | 0.0 |
| 5.2 | Migration Features | |
| | Flood Chutes: | 2 |
| | Neck Cutoffs: | 0 |
| | Channel Avulsions: | 0 |
| | Braiding: | 1 |
| 5.3 | Steep Riffles and Head Cuts | |
| | Steep Riffles: | 0 |
| | Head Cuts: | 0 |
| 5.4 | Animal Crossings: | Yes |
| 5.5 | Channel Alterations | |
| | Straightening: | Straightening |
| | Length (ft.): | 1,529.3 |
| | Dredging: | Gravel Mining |



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
April, 08 2026

Phase 2 - FIT - Legacy Data Report

New Haven River

SGAT Version: **4.56**

Reach: **M08 -0**

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|--------------------------------|-------------------------------|
| 1.2 | Alluvial Fan: | None |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> <u>Both</u> |
| | Berm Length (ft.): | 0.0 0.0 |
| | Path Length (ft.): | 0.0 0.0 |
| | Road Length (ft.): | 3,051.5 0.0 |
| | Railroad Lenth (ft.): | 0.0 0.0 |
| | Development Length: | 756.8 0.0 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> <u>Right</u> |
| | Erosion Length (ft.): | 499.2 0.0 |
| | Erosion Height (ft.): | 2.6 0.0 |
| | Revetment Type: | Rip-Rap Rip-Rap |
| | Revetment length | 140.5 459.0 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | 0 2270 |
| 3.3 | <u>Riparian Corridor</u> | <u>Left</u> <u>Right</u> |
| | Mass Failures: | 312.34 |
| | Average Height (ft.): | 20.1 |
| | Mass Failures: | Multiple |
| | Average Heigh (ft.): | 19.0 |
| | Gullies: | None |
| | Number of Gullies | 0 |
| | Total Length of Gullies (ft.): | 0.0 |
| | Average Height of Gullies | |

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



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
April, 08 2026

Phase 2 - FIT - Legacy Data Report

New Haven River

SGAT Version: **4.56**

Reach: **M26 -0**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | | <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|--------------------------------|----------------|----------------|-------------|-----------------------------|----------------------|
| 1.2 | Alluvial Fan: | None | | 4.4 | Number of Debris Jams: | 0 |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> | <u>Both</u> | 4.5 | Flow Regulation Type: | None |
| | Berm Length (ft.): | 0.0 | 0.0 | | Use: | |
| | Path Length (ft.): | 0.0 | 0.0 | 4.7 | Stormwater Inputs | |
| | Road Length (ft.): | 0.0 | 0.0 | | Overland Flow | Road Ditch |
| | Railroad Lenth (ft.): | 0.0 | 0.0 | | Field Ditch | Tile Drain |
| | Development Length: | 0.0 | 0.0 | | Other | Ub Strm Wtr Pipe |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> | 4.9 | Beaver Dams: | |
| | Erosion Length (ft.): | 260.0 | 450.0 | | Affected length (ft.): | |
| | Erosion Height (ft.): | 4.0 | 4.0 | 5.2 | Migration Features | |
| | Revetment Type: | Rip-Rap | Rip-Rap | | Flood Chutes: | 1 |
| | Revetment length | 265.0 | 945.0 | | Neck Cutoffs: | 0 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | | | | Channel Avulsions: | 0 |
| 3.3 | <u>Riparian Corridor</u> | <u>Left</u> | <u>Right</u> | | Braiding: | 0 |
| | Mass Failures: | | | 5.3 | Steep Riffles and Head Cuts | |
| | Average Height (ft.): | | | | Steep Riffles: | 1 |
| | Mass Failures: | | | | Head Cuts: | 0 |
| | Average Heigh (ft.): | | | 5.4 | Animal Crossings: | Yes |
| | Gullies: | | | 5.5 | Channel Alterations | |
| | Number of Gullies | | | | Straightening: | Straightening |
| | Total Length of Gullies (ft.): | | | | Length (ft.): | 0.0 |
| | Average Height of Gullies | | | | Dredging: | None |



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
April, 08 2026

Phase 2 - FIT - Legacy Data Report

New Haven River

SGAT Version: **4.56**

Reach: **T4.03 -A**

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



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
April, 08 2026

Phase 2 - FIT - Legacy Data Report

New Haven River

SGAT Version: **4.56**

Reach: **M14 -0**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|--------------------------------|----------------|----------------|
| 1.2 | Alluvial Fan: | None | |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> | <u>Both</u> |
| | Berm Length (ft.): | 0.0 | 0.0 |
| | Path Length (ft.): | 1,149.0 | 0.0 |
| | Road Length (ft.): | 2,206.4 | 370.9 |
| | Railroad Lenth (ft.): | 0.0 | 0.0 |
| | Development Length: | 3,024.7 | 84.6 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | 790.1 | 916.3 |
| | Erosion Height (ft.): | 3.0 | 4.0 |
| | Revetment Type: | Rip-Rap | Rip-Rap |
| | Revetment length | 668.6 | 1,467.3 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | 4369 | 1356 |
| 3.3 | <u>Riparian Corridor</u> | <u>Left</u> | <u>Right</u> |
| | Mass Failures: | | |
| | Average Height (ft.): | | |
| | Mass Failures: | None | |
| | Average Heigh (ft.): | | |
| | Gullies: | None | |
| | Number of Gullies | 0 | |
| | Total Length of Gullies (ft.): | 0.0 | |
| | Average Height of Gullies | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|-----------------------------|----------------------|
| 4.4 | Number of Debris Jams: | 0 |
| 4.5 | Flow Regulation Type: | None |
| | Use: | |
| 4.7 | Stormwater Inputs | |
| | Overland Flow | Road Ditch |
| | Field Ditch | Tile Drain |
| | Other | Ub Strm Wtr Pipe |
| 4.9 | Beaver Dams: | 0 |
| | Affected length (ft.): | 0.0 |
| 5.2 | Migration Features | |
| | Flood Chutes: | 1 |
| | Neck Cutoffs: | 0 |
| | Channel Avulsions: | 0 |
| | Braiding: | 1 |
| 5.3 | Steep Riffles and Head Cuts | |
| | Steep Riffles: | 0 |
| | Head Cuts: | 0 |
| 5.4 | Animal Crossings: | No |
| 5.5 | Channel Alterations | |
| | Straightening: | Straightening |
| | Length (ft.): | 1,861.7 |
| | Dredging: | None |



Phase 2 - FIT - Legacy Data Report

New Haven River

SGAT Version: 4.56

Reach: **M09 -0**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|--------------------------------|--------------|----------------|
| 1.2 | Alluvial Fan: | None | |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> | <u>Both</u> |
| | Berm Length (ft.): | 0.0 | 0.0 |
| | Path Length (ft.): | 0.0 | 0.0 |
| | Road Length (ft.): | 740.4 | 0.0 |
| | Railroad Lenth (ft.): | 0.0 | 0.0 |
| | Development Length: | 90.7 | 175.7 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | 0.0 | 0.0 |
| | Erosion Height (ft.): | 0.0 | 0.0 |
| | Revetment Type: | None | Rip-Rap |
| | Revetment length | 0.0 | 207.9 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | 1390 | 368 |
| 3.3 | <u>Riparian Corridor</u> | <u>Left</u> | <u>Right</u> |
| | Mass Failures: | | |
| | Average Height (ft.): | | |
| | Mass Failures: | None | |
| | Average Heigh (ft.): | | |
| | Gullies: | None | |
| | Number of Gullies | 0 | |
| | Total Length of Gullies (ft.): | 0.0 | |
| | Average Height of Gullies | | |

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



Phase 2 - FIT - Legacy Data Report

New Haven River

SGAT Version: 4.56

Reach: M11 -A

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|--------------------------------|----------------|----------------|
| 1.2 | Alluvial Fan: | None | |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> | <u>Both</u> |
| | Berm Length (ft.): | 0.0 | 0.0 |
| | Path Length (ft.): | 304.7 | 0.0 |
| | Road Length (ft.): | 1,580.6 | 0.0 |
| | Railroad Lenth (ft.): | 0.0 | 0.0 |
| | Development Length: | 0.0 | 116.9 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | 472.4 | 0.0 |
| | Erosion Height (ft.): | 6.0 | 0.0 |
| | Revetment Type: | None | Rip-Rap |
| | Revetment length | 0.0 | 632.4 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | 412 | 920 |
| 3.3 | <u>Riparian Corridor</u> | <u>Left</u> | <u>Right</u> |
| | Mass Failures: | | |
| | Average Height (ft.): | | |
| | Mass Failures: | None | |
| | Average Heigh (ft.): | | |
| | Gullies: | None | |
| | Number of Gullies | 0 | |
| | Total Length of Gullies (ft.): | 0.0 | |
| | Average Height of Gullies | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|-----------------------------|----------------------|
| 4.4 | Number of Debris Jams: | 0 |
| 4.5 | Flow Regulation Type: | None |
| | Use: | |
| 4.7 | Stormwater Inputs | |
| | Overland Flow | Road Ditch |
| | Field Ditch | Tile Drain |
| | Other | Ub Strm Wtr Pipe |
| 4.9 | Beaver Dams: | 0 |
| | Affected length (ft.): | 0.0 |
| 5.2 | Migration Features | |
| | Flood Chutes: | 0 |
| | Neck Cutoffs: | 0 |
| | Channel Avulsions: | 0 |
| | Braiding: | 0 |
| 5.3 | Steep Riffles and Head Cuts | |
| | Steep Riffles: | 0 |
| | Head Cuts: | 0 |
| 5.4 | Animal Crossings: | No |
| 5.5 | Channel Alterations | |
| | Straightening: | Straightening |
| | Length (ft.): | 1,070.8 |
| | Dredging: | None |



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
April, 08 2026

Phase 2 - FIT - Legacy Data Report

New Haven River

SGAT Version: **4.56**

Reach: **M19 -0**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|--------------------------------|----------------|----------------|
| 1.2 | Alluvial Fan: | None | |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> | <u>Both</u> |
| | Berm Length (ft.): | 0.0 | 0.0 |
| | Path Length (ft.): | 0.0 | 0.0 |
| | Road Length (ft.): | 0.0 | 0.0 |
| | Railroad Lenth (ft.): | 0.0 | 0.0 |
| | Development Length: | 0.0 | 0.0 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | 800.0 | 800.0 |
| | Erosion Height (ft.): | 2.0 | 2.0 |
| | Revetment Type: | Rip-Rap | Rip-Rap |
| | Revetment length | 200.0 | 2,500.0 |
| 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: | 0 |
| 4.5 | Flow Regulation Type: | None |
| | Use: | |
| 4.7 | Stormwater Inputs | |
| | Overland Flow 0 | Road Ditch 0 |
| | Field Ditch 0 | Tile Drain 0 |
| | Other 4 | 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: | 1 |
| 5.3 | Steep Riffles and Head Cuts | |
| | Steep Riffles: | 1 |
| | Head Cuts: | 0 |
| 5.4 | Animal Crossings: | Yes |
| 5.5 | Channel Alterations | |
| | Straightening: | None |
| | Length (ft.): | 0.0 |
| | Dredging: | Dredging |



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
April, 08 2026

Phase 2 - FIT - Legacy Data Report

New Haven River

SGAT Version: **4.56**

Reach: **M21 -0**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|--------------------------------|--------------|----------------|
| 1.2 | Alluvial Fan: | None | |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> | <u>Both</u> |
| | Berm Length (ft.): | 0.0 | 0.0 |
| | Path Length (ft.): | 0.0 | 0.0 |
| | Road Length (ft.): | 0.0 | 0.0 |
| | Railroad Lenth (ft.): | 0.0 | 0.0 |
| | Development Length: | 0.0 | 0.0 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | 680.0 | 2.0 |
| | Erosion Height (ft.): | 400.0 | 6.0 |
| | Revetment Type: | None | Rip-Rap |
| | Revetment length | 980.0 | |
| 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: | 0 |
| 4.5 | Flow Regulation Type: | None |
| | Use: | |
| 4.7 | Stormwater Inputs | |
| | Overland Flow 0 | Road Ditch 0 |
| | Field Ditch 0 | Tile Drain 0 |
| | Other 1 | Ub Strm Wtr Pipe 0 |
| 4.9 | Beaver Dams: | 0 |
| | Affected length (ft.): | |
| 5.2 | Migration Features | |
| | Flood Chutes: | 1 |
| | Neck Cutoffs: | 0 |
| | Channel Avulsions: | 0 |
| | Braiding: | 0 |
| 5.3 | Steep Riffles and Head Cuts | |
| | Steep Riffles: | 1 |
| | Head Cuts: | 0 |
| 5.4 | Animal Crossings: | No |
| 5.5 | Channel Alterations | |
| | Straightening: | Straightening |
| | Length (ft.): | 0.0 |
| | Dredging: | Dredging |



Phase 2 - FIT - Legacy Data Report

New Haven River

SGAT Version: 4.56

Reach: **M05 -0**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|--------------------------------|--------------|----------------|
| 1.2 | Alluvial Fan: | None | |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> | <u>Both</u> |
| | Berm Length (ft.): | 0.0 | 0.0 |
| | Path Length (ft.): | 0.0 | 0.0 |
| | Road Length (ft.): | 0.0 | 0.0 |
| | Railroad Lenth (ft.): | 0.0 | 0.0 |
| | Development Length: | 0.0 | 0.0 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | 373.1 | 511.2 |
| | Erosion Height (ft.): | 6.0 | 6.6 |
| | Revetment Type: | None | Rip-Rap |
| | Revetment length | 0.0 | 195.9 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | 0 | 291 |
| 3.3 | <u>Riparian Corridor</u> | <u>Left</u> | <u>Right</u> |
| | Mass Failures: | | |
| | Average Height (ft.): | | |
| | Mass Failures: | None | |
| | Average Heigh (ft.): | | |
| | Gullies: | None | |
| | Number of Gullies | 0 | |
| | Total Length of Gullies (ft.): | 0.0 | |
| | Average Height of Gullies | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|-----------------------------|----------------------|
| 4.4 | Number of Debris Jams: | 0 |
| 4.5 | Flow Regulation Type: | None |
| | Use: | |
| 4.7 | Stormwater Inputs | |
| | Overland Flow | Road Ditch |
| | Field Ditch | Tile Drain |
| | Other | Ub Strm Wtr Pipe |
| 4.9 | Beaver Dams: | 0 |
| | Affected length (ft.): | 0.0 |
| 5.2 | Migration Features | |
| | Flood Chutes: | 3 |
| | Neck Cutoffs: | 0 |
| | Channel Avulsions: | 0 |
| | Braiding: | 0 |
| 5.3 | Steep Riffles and Head Cuts | |
| | Steep Riffles: | 1 |
| | Head Cuts: | 0 |
| 5.4 | Animal Crossings: | No |
| 5.5 | Channel Alterations | |
| | Straightening: | Straightening |
| | Length (ft.): | 1,819.8 |
| | Dredging: | None |



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
April, 08 2026

Phase 2 - FIT - Legacy Data Report

New Haven River

SGAT Version: **4.56**

Reach: **M07 -0**

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|--------------------------------|-------------------------------|
| 1.2 | Alluvial Fan: | None |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> <u>Both</u> |
| | Berm Length (ft.): | 0.0 0.0 |
| | Path Length (ft.): | 0.0 0.0 |
| | Road Length (ft.): | 200.2 0.0 |
| | Railroad Lenth (ft.): | 0.0 0.0 |
| | Development Length: | 0.0 0.0 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> <u>Right</u> |
| | Erosion Length (ft.): | 971.2 567.1 |
| | Erosion Height (ft.): | 4.7 4.2 |
| | Revetment Type: | Rip-Rap Rip-Rap |
| | Revetment length | 1,228.9 300.3 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | 1275 562 |
| 3.3 | <u>Riparian Corridor</u> | <u>Left</u> <u>Right</u> |
| | Mass Failures: | |
| | Average Height (ft.): | |
| | Mass Failures: | None |
| | Average Heigh (ft.): | |
| | Gullies: | None |
| | Number of Gullies | 0 |
| | Total Length of Gullies (ft.): | 0.0 |
| | Average Height of Gullies | |

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



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
April, 08 2026

Phase 2 - FIT - Legacy Data Report

New Haven River

SGAT Version: **4.56**

Reach: **M25 -0**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|--------------------------------|----------------|----------------|
| 1.2 | Alluvial Fan: | None | |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> | <u>Both</u> |
| | Berm Length (ft.): | 0.0 | 0.0 |
| | Path Length (ft.): | 0.0 | 0.0 |
| | Road Length (ft.): | 0.0 | 0.0 |
| | Railroad Lenth (ft.): | 0.0 | 0.0 |
| | Development Length: | 0.0 | 0.0 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | 725.0 | 1,125.0 |
| | Erosion Height (ft.): | 10.0 | 8.0 |
| | Revetment Type: | Rip-Rap | Rip-Rap |
| | Revetment length | 60.0 | 410.0 |
| 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: | 2 |
| 4.5 | Flow Regulation Type: | None |
| | Use: | |
| 4.7 | Stormwater Inputs | |
| | Overland Flow | Road Ditch |
| | Field Ditch | Tile Drain |
| | Other | Ub Strm Wtr Pipe |
| 4.9 | Beaver Dams: | |
| | Affected length (ft.): | |
| 5.2 | Migration Features | |
| | Flood Chutes: | 1 |
| | Neck Cutoffs: | 0 |
| | Channel Avulsions: | 0 |
| | Braiding: | 0 |
| 5.3 | Steep Riffles and Head Cuts | |
| | Steep Riffles: | 1 |
| | Head Cuts: | 0 |
| 5.4 | Animal Crossings: | Yes |
| 5.5 | Channel Alterations | |
| | Straightening: | Straightening |
| | Length (ft.): | 0.0 |
| | Dredging: | None |



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
April, 08 2026

Phase 2 - FIT - Legacy Data Report

New Haven River

SGAT Version: **4.56**

Reach: **T4.02 -0**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|--------------------------------|----------------|----------------|
| 1.2 | Alluvial Fan: | None | |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> | <u>Both</u> |
| | Berm Length (ft.): | 0.0 | 0.0 |
| | Path Length (ft.): | 0.0 | 0.0 |
| | Road Length (ft.): | 0.0 | 0.0 |
| | Railroad Lenth (ft.): | 0.0 | 0.0 |
| | Development Length: | 0.0 | 0.0 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | 140.0 | 225.0 |
| | Erosion Height (ft.): | 2.0 | 2.0 |
| | Revetment Type: | Rip-Rap | Rip-Rap |
| | Revetment length | 30.0 | 150.0 |
| 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.): | 0.0 | 0.0 |
| | Mass Failures: | | |
| | Average Heigh (ft.): | 0.0 | |
| | 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: | 2 |
| 4.5 | Flow Regulation Type: | None |
| | Use: | |
| 4.7 | Stormwater Inputs | |
| | Overland Flow 0 | Road Ditch 0 |
| | Field Ditch 0 | Tile Drain 0 |
| | Other 1 | Ub Strm Wtr Pipe 0 |
| 4.9 | Beaver Dams: | 0 |
| | Affected length (ft.): | |
| 5.2 | Migration Features | |
| | Flood Chutes: | 1 |
| | Neck Cutoffs: | 0 |
| | Channel Avulsions: | 0 |
| | Braiding: | 0 |
| 5.3 | Steep Riffles and Head Cuts | |
| | Steep Riffles: | 1 |
| | Head Cuts: | 0 |
| 5.4 | Animal Crossings: | No |
| 5.5 | Channel Alterations | |
| | Straightening: | None |
| | Length (ft.): | 0.0 |
| | Dredging: | None |



Phase 2 - FIT - Legacy Data Report

New Haven River

SGAT Version: 4.56

Reach: **M12 -B**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|--------------------------------|----------------|----------------|
| 1.2 | Alluvial Fan: | Yes | |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> | <u>Both</u> |
| | Berm Length (ft.): | 844.6 | 0.0 |
| | Path Length (ft.): | 0.0 | 0.0 |
| | Road Length (ft.): | 0.0 | 0.0 |
| | Railroad Lenth (ft.): | 0.0 | 0.0 |
| | Development Length: | 0.0 | 0.0 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | 1,232.4 | 2,054.8 |
| | Erosion Height (ft.): | 5.4 | 5.0 |
| | Revetment Type: | None | Other |
| | Revetment length | 0.0 | 283.4 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | 772 | 2478 |
| 3.3 | <u>Riparian Corridor</u> | <u>Left</u> | <u>Right</u> |
| | Mass Failures: | | |
| | Average Height (ft.): | | |
| | Mass Failures: | None | |
| | Average Heigh (ft.): | | |
| | Gullies: | None | |
| | Number of Gullies | 0 | |
| | Total Length of Gullies (ft.): | 0.0 | |
| | Average Height of Gullies | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|-----------------------------|----------------------|
| 4.4 | Number of Debris Jams: | 0 |
| 4.5 | Flow Regulation Type: | None |
| | Use: | |
| 4.7 | Stormwater Inputs | |
| | Overland Flow | Road Ditch |
| | Field Ditch | Tile Drain |
| | Other | Ub Strm Wtr Pipe |
| 4.9 | Beaver Dams: | 0 |
| | Affected length (ft.): | 0.0 |
| 5.2 | Migration Features | |
| | Flood Chutes: | 8 |
| | Neck Cutoffs: | 0 |
| | Channel Avulsions: | 2 |
| | Braiding: | 0 |
| 5.3 | Steep Riffles and Head Cuts | |
| | Steep Riffles: | 0 |
| | Head Cuts: | 0 |
| 5.4 | Animal Crossings: | No |
| 5.5 | Channel Alterations | |
| | Straightening: | Straightening |
| | Length (ft.): | 2,945.2 |
| | Dredging: | Dredging |



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
April, 08 2026

Phase 2 - FIT - Legacy Data Report

New Haven River

SGAT Version: **4.56**

Reach: **M16 -B**

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|--------------------------------|-----------------------------|
| 1.2 | Alluvial Fan: | None |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> <u>Both</u> |
| | Berm Length (ft.): | 0.0 0.0 |
| | Path Length (ft.): | 0.0 0.0 |
| | Road Length (ft.): | 4,001.7 457.8 |
| | Railroad Lenth (ft.): | 0.0 0.0 |
| | Development Length: | 80.2 109.3 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> <u>Right</u> |
| | Erosion Length (ft.): | 0.0 425.6 |
| | Erosion Height (ft.): | 0.0 3.0 |
| | Revetment Type: | None Rip-Rap |
| | Revetment length | 0.0 2,018.6 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | 120 3721 |
| 3.3 | <u>Riparian Corridor</u> | <u>Left</u> <u>Right</u> |
| | Mass Failures: | |
| | Average Height (ft.): | |
| | Mass Failures: | None |
| | Average Heigh (ft.): | |
| | Gullies: | None |
| | Number of Gullies | 0 |
| | Total Length of Gullies (ft.): | 0.0 |
| | Average Height of Gullies | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|-----------------------------|------------------------------------|
| 4.4 | Number of Debris Jams: | 0 |
| 4.5 | Flow Regulation Type: | None |
| | Use: | |
| 4.7 | Stormwater Inputs | |
| | Overland Flow | 0 Road Ditch 1 |
| | Field Ditch | 0 Tile Drain 0 |
| | Other | 0 Ub Strm Wtr Pipe 0 |
| 4.9 | Beaver Dams: | 0 |
| | Affected length (ft.): | 0.0 |
| 5.2 | Migration Features | |
| | Flood Chutes: | 0 |
| | Neck Cutoffs: | 0 |
| | Channel Avulsions: | 0 |
| | Braiding: | 0 |
| 5.3 | Steep Riffles and Head Cuts | |
| | Steep Riffles: | 1 |
| | Head Cuts: | 0 |
| 5.4 | Animal Crossings: | No |
| 5.5 | Channel Alterations | |
| | Straightening: | With Windrowing |
| | Length (ft.): | 15.4 |
| | Dredging: | None |



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
April, 08 2026

Phase 2 - FIT - Legacy Data Report

New Haven River

SGAT Version: **4.56**

Reach: **M17 -0**

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|--------------------------------|-------------------------------|
| 1.2 | Alluvial Fan: | None |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> <u>Both</u> |
| | Berm Length (ft.): | 0.0 0.0 |
| | Path Length (ft.): | 0.0 0.0 |
| | Road Length (ft.): | 4,985.7 765.4 |
| | Railroad Lenth (ft.): | 0.0 0.0 |
| | Development Length: | 2,115.3 71.3 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> <u>Right</u> |
| | Erosion Length (ft.): | 1,392.2 286.8 |
| | Erosion Height (ft.): | 2.6 3.0 |
| | Revetment Type: | Rip-Rap Rip-Rap |
| | Revetment length | 39.3 3,022.7 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | 166 4183 |
| 3.3 | <u>Riparian Corridor</u> | <u>Left</u> <u>Right</u> |
| | Mass Failures: | 663.59 |
| | Average Height (ft.): | 20.0 |
| | Mass Failures: | Multiple |
| | Average Heigh (ft.): | 20.0 |
| | Gullies: | None |
| | Number of Gullies | 0 |
| | Total Length of Gullies (ft.): | 0.0 |
| | Average Height of Gullies | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|---------------|-----------------------------|----------------------|
| 4.4 | Number of Debris Jams: | 0 |
| 4.5 | Flow Regulation Type: | None |
| | Use: | |
| 4.7 | Stormwater Inputs | |
| Overland Flow | 1 Road Ditch | 0 |
| Field Ditch | 0 Tile Drain | 0 |
| Other | 0 Ub Strm Wtr Pipe | 0 |
| 4.9 | Beaver Dams: | 0 |
| | Affected length (ft.): | 0.0 |
| 5.2 | Migration Features | |
| | Flood Chutes: | 4 |
| | Neck Cutoffs: | 0 |
| | Channel Avulsions: | 0 |
| | Braiding: | 1 |
| 5.3 | Steep Riffles and Head Cuts | |
| | Steep Riffles: | 5 |
| | Head Cuts: | 0 |
| 5.4 | Animal Crossings: | Yes |
| 5.5 | Channel Alterations | |
| | Straightening: | Straightening |
| | Length (ft.): | 2,903.5 |
| | Dredging: | Dredging |



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
April, 08 2026

Phase 2 - FIT - Legacy Data Report

New Haven River

SGAT Version: **4.56**

Reach: **M17 -0**

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|--------------------------------|-------------------------------|
| 1.2 | Alluvial Fan: | None |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> <u>Both</u> |
| | Berm Length (ft.): | 0.0 0.0 |
| | Path Length (ft.): | 0.0 0.0 |
| | Road Length (ft.): | 4,985.7 765.4 |
| | Railroad Lenth (ft.): | 0.0 0.0 |
| | Development Length: | 2,115.3 71.3 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> <u>Right</u> |
| | Erosion Length (ft.): | 1,392.2 286.8 |
| | Erosion Height (ft.): | 2.6 3.0 |
| | Revetment Type: | Rip-Rap Rip-Rap |
| | Revetment length | 39.3 3,022.7 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | 166 4183 |
| 3.3 | <u>Riparian Corridor</u> | <u>Left</u> <u>Right</u> |
| | Mass Failures: | 663.59 |
| | Average Height (ft.): | 20.0 |
| | Mass Failures: | Multiple |
| | Average Heigh (ft.): | 20.0 |
| | Gullies: | None |
| | Number of Gullies | 0 |
| | Total Length of Gullies (ft.): | 0.0 |
| | Average Height of Gullies | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|-----------------------------|------------------------------------|
| 4.4 | Number of Debris Jams: | 0 |
| 4.5 | Flow Regulation Type: | None |
| | Use: | |
| 4.7 | Stormwater Inputs | |
| | Overland Flow | 0 Road Ditch 2 |
| | Field Ditch | 0 Tile Drain 0 |
| | Other | 0 Ub Strm Wtr Pipe 0 |
| 4.9 | Beaver Dams: | 0 |
| | Affected length (ft.): | 0.0 |
| 5.2 | Migration Features | |
| | Flood Chutes: | 4 |
| | Neck Cutoffs: | 0 |
| | Channel Avulsions: | 0 |
| | Braiding: | 1 |
| 5.3 | Steep Riffles and Head Cuts | |
| | Steep Riffles: | 5 |
| | Head Cuts: | 0 |
| 5.4 | Animal Crossings: | Yes |
| 5.5 | Channel Alterations | |
| | Straightening: | Straightening |
| | Length (ft.): | 2,903.5 |
| | Dredging: | Dredging |



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
April, 08 2026

Phase 2 - FIT - Legacy Data Report

New Haven River

SGAT Version: **4.56**

Reach: **T3.08 -A**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|--------------------------------|--------------|--------------|
| 1.2 | Alluvial Fan: | None | |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> | <u>Both</u> |
| | Berm Length (ft.): | 0.0 | 0.0 |
| | Path Length (ft.): | 0.0 | 0.0 |
| | Road Length (ft.): | 0.0 | 0.0 |
| | Railroad Lenth (ft.): | 0.0 | 0.0 |
| | Development Length: | 0.0 | 0.0 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | 500.0 | 500.0 |
| | Erosion Height (ft.): | 4.0 | 4.0 |
| | 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.): | 0.0 | 0.0 |
| | Mass Failures: | | |
| | Average Heigh (ft.): | 0.0 | |
| | 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: | 19 |
| 4.5 | Flow Regulation Type: | None |
| | Use: | |
| 4.7 | Stormwater Inputs | |
| | Overland Flow | Road Ditch |
| | Field Ditch | Tile Drain |
| | Other | Ub Strm Wtr Pipe |
| 4.9 | Beaver Dams: | 3 |
| | Affected length (ft.): | 950.0 |
| 5.2 | Migration Features | |
| | Flood Chutes: | 1 |
| | Neck Cutoffs: | 0 |
| | Channel Avulsions: | 1 |
| | Braiding: | 1 |
| 5.3 | Steep Riffles and Head Cuts | |
| | Steep Riffles: | 1 |
| | Head Cuts: | 1 |
| 5.4 | Animal Crossings: | No |
| 5.5 | Channel Alterations | |
| | Straightening: | None |
| | Length (ft.): | 0.0 |
| | Dredging: | None |



Phase 2 - FIT - Legacy Data Report

New Haven River

SGAT Version: 4.56

Reach: **M12 -C**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|--------------------------------|--------------|----------------|
| 1.2 | Alluvial Fan: | None | |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> | <u>Both</u> |
| | Berm Length (ft.): | 0.0 | 0.0 |
| | Path Length (ft.): | 0.0 | 0.0 |
| | Road Length (ft.): | 0.0 | 0.0 |
| | Railroad Lenth (ft.): | 0.0 | 0.0 |
| | Development Length: | 0.0 | 346.5 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | 0.0 | 938.8 |
| | Erosion Height (ft.): | 0.0 | 6.0 |
| | Revetment Type: | None | Rip-Rap |
| | Revetment length | 0.0 | 167.0 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | 372 | 0 |
| 3.3 | <u>Riparian Corridor</u> | <u>Left</u> | <u>Right</u> |
| | Mass Failures: | | |
| | Average Height (ft.): | | |
| | Mass Failures: | None | |
| | Average Heigh (ft.): | | |
| | Gullies: | None | |
| | Number of Gullies | 0 | |
| | Total Length of Gullies (ft.): | 0.0 | |
| | Average Height of Gullies | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|-----------------------------|------------------------|
| 4.4 | Number of Debris Jams: | 0 |
| 4.5 | Flow Regulation Type: | None |
| | Use: | |
| 4.7 | Stormwater Inputs | |
| | Overland Flow | Road Ditch |
| | Field Ditch | Tile Drain |
| | Other | Ub Strm Wtr Pipe |
| 4.9 | Beaver Dams: | 0 |
| | Affected length (ft.): | 0.0 |
| 5.2 | Migration Features | |
| | Flood Chutes: | 2 |
| | Neck Cutoffs: | 0 |
| | Channel Avulsions: | 0 |
| | Braiding: | 0 |
| 5.3 | Steep Riffles and Head Cuts | |
| | Steep Riffles: | 1 |
| | Head Cuts: | 0 |
| 5.4 | Animal Crossings: | No |
| 5.5 | Channel Alterations | |
| | Straightening: | With Windrowing |
| | Length (ft.): | 1,105.9 |
| | Dredging: | None |



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
April, 08 2026

Phase 2 - FIT - Legacy Data Report

New Haven River

SGAT Version: **4.56**

Reach: **M01 -B**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|--------------------------------|----------------|-----------------|
| 1.2 | Alluvial Fan: | None | |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> | <u>Both</u> |
| | Berm Length (ft.): | 0.0 | 0.0 |
| | Path Length (ft.): | 0.0 | 0.0 |
| | Road Length (ft.): | 435.4 | 1,100.2 |
| | Railroad Lenth (ft.): | 0.0 | 0.0 |
| | Development Length: | 369.7 | 288.6 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | 0.0 | 0.0 |
| | Erosion Height (ft.): | 0.0 | 0.0 |
| | Revetment Type: | Rip-Rap | Multiple |
| | Revetment length | 43.5 | 85.1 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | 111 | 169 |
| 3.3 | <u>Riparian Corridor</u> | <u>Left</u> | <u>Right</u> |
| | Mass Failures: | | |
| | Average Height (ft.): | | |
| | Mass Failures: | None | |
| | Average Heigh (ft.): | | |
| | Gullies: | None | |
| | Number of Gullies | | |
| | Total Length of Gullies (ft.): | | |
| | Average Height of Gullies | | |

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



Phase 2 - FIT - Legacy Data Report

New Haven River

SGAT Version: 4.56

Reach: **M11 -B**

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|--------------------------------|----------------------------|
| 1.2 | Alluvial Fan: | None |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> <u>Both</u> |
| | Berm Length (ft.): | 0.0 0.0 |
| | Path Length (ft.): | 0.0 0.0 |
| | Road Length (ft.): | 1,359.5 0.0 |
| | Railroad Lenth (ft.): | 0.0 0.0 |
| | Development Length: | 199.6 0.0 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> <u>Right</u> |
| | Erosion Length (ft.): | 638.4 0.0 |
| | Erosion Height (ft.): | 5.0 0.0 |
| | Revetment Type: | None Rip-Rap |
| | Revetment length | 0.0 176.1 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | 611 1008 |
| 3.3 | <u>Riparian Corridor</u> | <u>Left</u> <u>Right</u> |
| | Mass Failures: | |
| | Average Height (ft.): | |
| | Mass Failures: | None |
| | Average Heigh (ft.): | |
| | Gullies: | None |
| | Number of Gullies | 0 |
| | Total Length of Gullies (ft.): | 0.0 |
| | Average Height of Gullies | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|-----------------------------|------------------------------------|
| 4.4 | Number of Debris Jams: | 0 |
| 4.5 | Flow Regulation Type: | None |
| | Use: | |
| 4.7 | Stormwater Inputs | |
| | Overland Flow | 0 Road Ditch 1 |
| | Field Ditch | 0 Tile Drain 0 |
| | Other | 0 Ub Strm Wtr Pipe 0 |
| 4.9 | Beaver Dams: | 0 |
| | Affected length (ft.): | 0.0 |
| 5.2 | Migration Features | |
| | Flood Chutes: | 2 |
| | Neck Cutoffs: | 0 |
| | Channel Avulsions: | 1 |
| | Braiding: | 1 |
| 5.3 | Steep Riffles and Head Cuts | |
| | Steep Riffles: | 0 |
| | Head Cuts: | 0 |
| 5.4 | Animal Crossings: | No |
| 5.5 | Channel Alterations | |
| | Straightening: | Straightening |
| | Length (ft.): | 234.3 |
| | Dredging: | None |



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
April, 08 2026

Phase 2 - FIT - Legacy Data Report

New Haven River

SGAT Version: **4.56**

Reach: **M20 -0**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|--------------------------------|----------------|----------------|
| 1.2 | Alluvial Fan: | None | |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> | <u>Both</u> |
| | Berm Length (ft.): | 0.0 | 0.0 |
| | Path Length (ft.): | 0.0 | 0.0 |
| | Road Length (ft.): | 0.0 | 0.0 |
| | Railroad Lenth (ft.): | 0.0 | 0.0 |
| | Development Length: | 0.0 | 0.0 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | 300.0 | 250.0 |
| | Erosion Height (ft.): | 5.0 | 5.0 |
| | Revetment Type: | Rip-Rap | Rip-Rap |
| | Revetment length | 350.0 | 300.0 |
| 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: | 0 |
| 4.5 | Flow Regulation Type: | None |
| | Use: | |
| 4.7 | Stormwater Inputs | |
| | Overland Flow 0 | Road Ditch 0 |
| | Field Ditch 0 | Tile Drain 0 |
| | Other 2 | Ub Strm Wtr Pipe 0 |
| 4.9 | Beaver Dams: | 0 |
| | Affected length (ft.): | |
| 5.2 | Migration Features | |
| | Flood Chutes: | 0 |
| | Neck Cutoffs: | 0 |
| | Channel Avulsions: | 0 |
| | Braiding: | 0 |
| 5.3 | Steep Riffles and Head Cuts | |
| | Steep Riffles: | 1 |
| | Head Cuts: | 0 |
| 5.4 | Animal Crossings: | No |
| 5.5 | Channel Alterations | |
| | Straightening: | |
| | Length (ft.): | 0.0 |
| | Dredging: | |



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
April, 08 2026

Phase 2 - FIT - Legacy Data Report

New Haven River

SGAT Version: **4.56**

Reach: **T4.03 -B**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|--------------------------------|----------------|----------------|
| 1.2 | Alluvial Fan: | None | |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> | <u>Both</u> |
| | Berm Length (ft.): | 0.0 | 0.0 |
| | Path Length (ft.): | 0.0 | 0.0 |
| | Road Length (ft.): | 0.0 | 0.0 |
| | Railroad Lenth (ft.): | 0.0 | 0.0 |
| | Development Length: | 0.0 | 0.0 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | 317.0 | 487.0 |
| | Erosion Height (ft.): | 5.0 | 3.0 |
| | Revetment Type: | Rip-Rap | Rip-Rap |
| | Revetment length | 480.0 | 50.0 |
| 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.): | 0.0 | 0.0 |
| | Mass Failures: | | |
| | Average Heigh (ft.): | 0.0 | |
| | 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: | 7 |
| 4.5 | Flow Regulation Type: | None |
| | Use: | |
| 4.7 | Stormwater Inputs | |
| | Overland Flow 0 | Road Ditch 0 |
| | Field Ditch 0 | Tile Drain 0 |
| | Other 2 | Ub Strm Wtr Pipe 0 |
| 4.9 | Beaver Dams: | 0 |
| | Affected length (ft.): | |
| 5.2 | Migration Features | |
| | Flood Chutes: | 1 |
| | Neck Cutoffs: | 1 |
| | Channel Avulsions: | 1 |
| | Braiding: | 1 |
| 5.3 | Steep Riffles and Head Cuts | |
| | Steep Riffles: | 1 |
| | Head Cuts: | 0 |
| 5.4 | Animal Crossings: | No |
| 5.5 | Channel Alterations | |
| | Straightening: | Straightening |
| | Length (ft.): | 0.0 |
| | Dredging: | None |



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
April, 08 2026

Phase 2 - FIT - Legacy Data Report

New Haven River

SGAT Version: **4.56**

Reach: **T3.02 -0**

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|--------------------------------|----------------------------|
| 1.2 | Alluvial Fan: | None |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> <u>Both</u> |
| | Berm Length (ft.): | 422.7 0.0 |
| | Path Length (ft.): | 0.0 0.0 |
| | Road Length (ft.): | 0.0 0.0 |
| | Railroad Lenth (ft.): | 0.0 0.0 |
| | Development Length: | 182.3 0.0 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> <u>Right</u> |
| | Erosion Length (ft.): | 992.6 78.3 |
| | Erosion Height (ft.): | 3.2 3.0 |
| | Revetment Type: | Rip-Rap None |
| | Revetment length | 1,181.1 0.0 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | 1743 0 |
| 3.3 | <u>Riparian Corridor</u> | <u>Left</u> <u>Right</u> |
| | Mass Failures: | 70.69 |
| | Average Height (ft.): | 12.0 |
| | Mass Failures: | One |
| | Average Heigh (ft.): | 12.0 |
| | Gullies: | None |
| | Number of Gullies | 0 |
| | Total Length of Gullies (ft.): | 0.0 |
| | Average Height of Gullies | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|-----------------------------|---------------------------|
| 4.4 | Number of Debris Jams: | 0 |
| 4.5 | Flow Regulation Type: | None |
| | Use: | |
| 4.7 | Stormwater Inputs | |
| | Overland Flow 0 | Road Ditch 0 |
| | Field Ditch 1 | Tile Drain 0 |
| | Other 0 | Ub Strm Wtr Pipe 0 |
| 4.9 | Beaver Dams: | 0 |
| | Affected length (ft.): | 0.0 |
| 5.2 | Migration Features | |
| | Flood Chutes: | 7 |
| | Neck Cutoffs: | 0 |
| | Channel Avulsions: | 0 |
| | Braiding: | 0 |
| 5.3 | Steep Riffles and Head Cuts | |
| | Steep Riffles: | 3 |
| | Head Cuts: | 0 |
| 5.4 | Animal Crossings: | Yes |
| 5.5 | Channel Alterations | |
| | Straightening: | Straightening |
| | Length (ft.): | 2,286.1 |
| | Dredging: | None |



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
April, 08 2026

Phase 2 - FIT - Legacy Data Report

New Haven River

SGAT Version: **4.56**

Reach: **T3.03 -A**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|--------------------------------|----------------|-------------|-----------------------------|----------------------|
| 1.2 | Alluvial Fan: | Yes | 4.4 | Number of Debris Jams: | 0 |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> | 4.5 | Flow Regulation Type: | None |
| | | <u>Both</u> | | Use: | |
| | Berm Length (ft.): | 0.0 | 4.7 | Stormwater Inputs | |
| | Path Length (ft.): | 0.0 | | Overland Flow | Road Ditch |
| | Road Length (ft.): | 99.6 | | Field Ditch | Tile Drain |
| | Railroad Lenth (ft.): | 0.0 | | Other | Ub Strm Wtr Pipe |
| | Development Length: | 0.0 | 4.9 | Beaver Dams: | 0 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | | Affected length (ft.): | 0.0 |
| | Erosion Length (ft.): | 165.4 | 5.2 | Migration Features | |
| | Erosion Height (ft.): | 3.8 | | Flood Chutes: | 0 |
| | Revetment Type: | Rip-Rap | | Neck Cutoffs: | 0 |
| | Revetment length | 27.3 | | Channel Avulsions: | 0 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | 7 | | Braiding: | 0 |
| 3.3 | <u>Riparian Corridor</u> | <u>Left</u> | 5.3 | Steep Riffles and Head Cuts | |
| | Mass Failures: | | | Steep Riffles: | 0 |
| | Average Height (ft.): | | | Head Cuts: | 0 |
| | Mass Failures: | None | 5.4 | Animal Crossings: | No |
| | Average Heigh (ft.): | | 5.5 | Channel Alterations | |
| | Gullies: | None | | Straightening: | Straightening |
| | Number of Gullies | 0 | | Length (ft.): | 540.8 |
| | Total Length of Gullies (ft.): | 0.0 | | Dredging: | None |
| | Average Height of Gullies | | | | |



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
April, 08 2026

Phase 2 - FIT - Legacy Data Report

New Haven River

SGAT Version: **4.56**

Reach: **M01 -A**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|--------------------------------|----------------|----------------|
| 1.2 | Alluvial Fan: | None | |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> | <u>Both</u> |
| | Berm Length (ft.): | 0.0 | 0.0 |
| | Path Length (ft.): | 0.0 | 0.0 |
| | Road Length (ft.): | 1,553.9 | 0.0 |
| | Railroad Lenth (ft.): | 855.3 | 0.0 |
| | Development Length: | 46.9 | 87.9 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | 0.0 | 0.0 |
| | Erosion Height (ft.): | 0.0 | 0.0 |
| | Revetment Type: | Rip-Rap | Rip-Rap |
| | Revetment length | 41.8 | 246.1 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | 59 | 1224 |
| 3.3 | <u>Riparian Corridor</u> | <u>Left</u> | <u>Right</u> |
| | Mass Failures: | | |
| | Average Height (ft.): | | |
| | Mass Failures: | None | |
| | Average Heigh (ft.): | | |
| | Gullies: | None | |
| | Number of Gullies | | |
| | Total Length of Gullies (ft.): | | |
| | Average Height of Gullies | | |

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



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
April, 08 2026

Phase 2 - FIT - Legacy Data Report

New Haven River

SGAT Version: **4.56**

Reach: **M15 -0**

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|--------------------------------|--------------------------------|
| 1.2 | Alluvial Fan: | None |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> <u>Both</u> |
| | Berm Length (ft.): | 0.0 0.0 |
| | Path Length (ft.): | 1,571.3 0.0 |
| | Road Length (ft.): | 3,087.1 0.0 |
| | Railroad Lenth (ft.): | 0.0 0.0 |
| | Development Length: | 2,698.8 545.3 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> <u>Right</u> |
| | Erosion Length (ft.): | 2,795.2 1,602.4 |
| | Erosion Height (ft.): | 5.3 4.0 |
| | Revetment Type: | Multiple Rip-Rap |
| | Revetment length | 328.5 1,967.2 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | 540 2778 |
| 3.3 | <u>Riparian Corridor</u> | <u>Left</u> <u>Right</u> |
| | Mass Failures: | 141.84 206.89 |
| | Average Height (ft.): | 15.2 15.0 |
| | Mass Failures: | Multiple |
| | Average Heigh (ft.): | 15.3 |
| | Gullies: | None |
| | Number of Gullies | 0 |
| | Total Length of Gullies (ft.): | 0.0 |
| | Average Height of Gullies | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|-----------------------------|---------------------------|
| 4.4 | Number of Debris Jams: | 0 |
| 4.5 | Flow Regulation Type: | None |
| | Use: | |
| 4.7 | Stormwater Inputs | |
| | Overland Flow 0 | Road Ditch 0 |
| | Field Ditch 0 | Tile Drain 0 |
| | Other 2 | Ub Strm Wtr Pipe 0 |
| 4.9 | Beaver Dams: | 0 |
| | Affected length (ft.): | 0.0 |
| 5.2 | Migration Features | |
| | Flood Chutes: | 8 |
| | Neck Cutoffs: | 0 |
| | Channel Avulsions: | 0 |
| | Braiding: | 0 |
| 5.3 | Steep Riffles and Head Cuts | |
| | Steep Riffles: | 5 |
| | Head Cuts: | 0 |
| 5.4 | Animal Crossings: | No |
| 5.5 | Channel Alterations | |
| | Straightening: | Straightening |
| | Length (ft.): | 5,316.1 |
| | Dredging: | None |



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
April, 08 2026

Phase 2 - FIT - Legacy Data Report

New Haven River

SGAT Version: **4.56**

Reach: **M15 -0**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|--------------------------------|-----------------|----------------|
| 1.2 | Alluvial Fan: | None | |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> | <u>Both</u> |
| | Berm Length (ft.): | 0.0 | 0.0 |
| | Path Length (ft.): | 1,571.3 | 0.0 |
| | Road Length (ft.): | 3,087.1 | 0.0 |
| | Railroad Lenth (ft.): | 0.0 | 0.0 |
| | Development Length: | 2,698.8 | 545.3 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | 2,795.2 | 1,602.4 |
| | Erosion Height (ft.): | 5.3 | 4.0 |
| | Revetment Type: | Multiple | Rip-Rap |
| | Revetment length | 328.5 | 1,967.2 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | 540 | 2778 |
| 3.3 | <u>Riparian Corridor</u> | <u>Left</u> | <u>Right</u> |
| | Mass Failures: | 141.84 | 206.89 |
| | Average Height (ft.): | 15.2 | 15.0 |
| | Mass Failures: | Multiple | |
| | Average Heigh (ft.): | 15.3 | |
| | Gullies: | None | |
| | Number of Gullies | 0 | |
| | Total Length of Gullies (ft.): | 0.0 | |
| | Average Height of Gullies | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|-----------------------------|---------------------------|
| 4.4 | Number of Debris Jams: | 0 |
| 4.5 | Flow Regulation Type: | None |
| | Use: | |
| 4.7 | Stormwater Inputs | |
| | Overland Flow 0 | Road Ditch 1 |
| | Field Ditch 0 | Tile Drain 0 |
| | Other 0 | Ub Strm Wtr Pipe 0 |
| 4.9 | Beaver Dams: | 0 |
| | Affected length (ft.): | 0.0 |
| 5.2 | Migration Features | |
| | Flood Chutes: | 8 |
| | Neck Cutoffs: | 0 |
| | Channel Avulsions: | 0 |
| | Braiding: | 0 |
| 5.3 | Steep Riffles and Head Cuts | |
| | Steep Riffles: | 5 |
| | Head Cuts: | 0 |
| 5.4 | Animal Crossings: | No |
| 5.5 | Channel Alterations | |
| | Straightening: | Straightening |
| | Length (ft.): | 5,316.1 |
| | Dredging: | None |



Phase 2 - FIT - Legacy Data Report

New Haven River

SGAT Version: 4.56

Reach: **M16 -A**

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|--------------------------------|--------------------------|
| 1.2 | Alluvial Fan: | Yes |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> <u>Both</u> |
| | Berm Length (ft.): | 0.0 0.0 |
| | Path Length (ft.): | 0.0 0.0 |
| | Road Length (ft.): | 0.0 0.0 |
| | Railroad Lenth (ft.): | 0.0 0.0 |
| | Development Length: | 0.0 108.3 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> <u>Right</u> |
| | Erosion Length (ft.): | 0.0 207.1 |
| | Erosion Height (ft.): | 0.0 4.0 |
| | Revetment Type: | None None |
| | Revetment length | 0.0 0.0 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | 0 309 |
| 3.3 | <u>Riparian Corridor</u> | <u>Left</u> <u>Right</u> |
| | Mass Failures: | 27.77 |
| | Average Height (ft.): | 11.0 |
| | Mass Failures: | One |
| | Average Heigh (ft.): | 11.0 |
| | Gullies: | None |
| | Number of Gullies | 0 |
| | Total Length of Gullies (ft.): | 0.0 |
| | Average Height of Gullies | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|-----------------------------|------------------------|
| 4.4 | Number of Debris Jams: | 0 |
| 4.5 | Flow Regulation Type: | None |
| | Use: | |
| 4.7 | Stormwater Inputs | |
| | Overland Flow | Road Ditch |
| | Field Ditch | Tile Drain |
| | Other | Ub Strm Wtr Pipe |
| 4.9 | Beaver Dams: | 0 |
| | Affected length (ft.): | 0.0 |
| 5.2 | Migration Features | |
| | Flood Chutes: | 0 |
| | Neck Cutoffs: | 0 |
| | Channel Avulsions: | 0 |
| | Braiding: | 1 |
| 5.3 | Steep Riffles and Head Cuts | |
| | Steep Riffles: | 0 |
| | Head Cuts: | 0 |
| 5.4 | Animal Crossings: | No |
| 5.5 | Channel Alterations | |
| | Straightening: | With Windrowing |
| | Length (ft.): | 707.2 |
| | Dredging: | Dredging |



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
April, 08 2026

Phase 2 - FIT - Legacy Data Report

New Haven River

SGAT Version: **4.56**

Reach: **T3.08 -B**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|--------------------------------|----------------|----------------|
| 1.2 | Alluvial Fan: | None | |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> | <u>Both</u> |
| | Berm Length (ft.): | 0.0 | 0.0 |
| | Path Length (ft.): | 0.0 | 0.0 |
| | Road Length (ft.): | 0.0 | 0.0 |
| | Railroad Lenth (ft.): | 0.0 | 0.0 |
| | Development Length: | 0.0 | 0.0 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | 50.0 | 60.0 |
| | Erosion Height (ft.): | 2.0 | 4.0 |
| | Revetment Type: | Rip-Rap | Rip-Rap |
| | Revetment length | 100.0 | 100.0 |
| 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.): | 0.0 | 0.0 |
| | Mass Failures: | | |
| | Average Heigh (ft.): | 0.0 | |
| | 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: | 12 |
| 4.5 | Flow Regulation Type: | None |
| | Use: | |
| 4.7 | Stormwater Inputs | |
| | Overland Flow 0 | Road Ditch 0 |
| | Field Ditch 0 | Tile Drain 0 |
| | Other 2 | Ub Strm Wtr Pipe 0 |
| 4.9 | Beaver Dams: | 0 |
| | Affected length (ft.): | |
| 5.2 | Migration Features | |
| | Flood Chutes: | 1 |
| | Neck Cutoffs: | 0 |
| | Channel Avulsions: | 0 |
| | Braiding: | 1 |
| 5.3 | Steep Riffles and Head Cuts | |
| | Steep Riffles: | 1 |
| | Head Cuts: | 0 |
| 5.4 | Animal Crossings: | No |
| 5.5 | Channel Alterations | |
| | Straightening: | |
| | Length (ft.): | 0.0 |
| | Dredging: | |



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
April, 08 2026

Phase 2 - FIT - Legacy Data Report

New Haven River

SGAT Version: **4.56**

Reach: **M12 -A**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|--------------------------------|----------------|--------------|
| 1.2 | Alluvial Fan: | None | |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> | <u>Both</u> |
| | Berm Length (ft.): | 0.0 | 0.0 |
| | Path Length (ft.): | 0.0 | 0.0 |
| | Road Length (ft.): | 0.0 | 0.0 |
| | Railroad Lenth (ft.): | 0.0 | 0.0 |
| | Development Length: | 0.0 | 0.0 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | 179.2 | 0.0 |
| | Erosion Height (ft.): | 7.0 | 0.0 |
| | Revetment Type: | Rip-Rap | None |
| | Revetment length | 657.2 | 0.0 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | 417 | 0 |
| 3.3 | <u>Riparian Corridor</u> | <u>Left</u> | <u>Right</u> |
| | Mass Failures: | | |
| | Average Height (ft.): | | |
| | Mass Failures: | None | |
| | Average Heigh (ft.): | | |
| | Gullies: | None | |
| | Number of Gullies | 0 | |
| | Total Length of Gullies (ft.): | 0.0 | |
| | Average Height of Gullies | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|-----------------------------|----------------------|
| 4.4 | Number of Debris Jams: | 0 |
| 4.5 | Flow Regulation Type: | None |
| | Use: | |
| 4.7 | Stormwater Inputs | |
| | Overland Flow | Road Ditch |
| | Field Ditch | Tile Drain |
| | Other | Ub Strm Wtr Pipe |
| 4.9 | Beaver Dams: | 0 |
| | Affected length (ft.): | 0.0 |
| 5.2 | Migration Features | |
| | Flood Chutes: | 0 |
| | Neck Cutoffs: | 0 |
| | Channel Avulsions: | 0 |
| | Braiding: | 0 |
| 5.3 | Steep Riffles and Head Cuts | |
| | Steep Riffles: | 0 |
| | Head Cuts: | 0 |
| 5.4 | Animal Crossings: | No |
| 5.5 | Channel Alterations | |
| | Straightening: | Straightening |
| | Length (ft.): | 921.4 |
| | Dredging: | None |