



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M28T5.01 -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>787.6</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>293.0</b>    | <b>593.5</b> |
|             | Erosion Height (ft.):          | <b>4.6</b>      | <b>3.3</b>   |
|             | Revetment Type:                | <b>Multiple</b> | <b>None</b>  |
|             | Revetment length               | <b>138.0</b>    | <b>0.0</b>   |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>474</b>      | <b>547</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>1</b>               |
|             | Head Cuts:                  | <b>0</b>               |
| 5.4         | Animal Crossings:           | <b>No</b>              |
| 5.5         | Channel Alterations         |                        |
|             | Straightening:              | <b>With Windrowing</b> |
|             | Length (ft.):               | <b>785.2</b>           |
|             | Dredging:                   | <b>None</b>            |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M20 -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>1,864.2</b> <b>167.6</b>   |
|             | Railroad Lenth (ft.):          | <b>0.0</b> <b>0.0</b>         |
|             | Development Length:            | <b>1,576.4</b> <b>0.0</b>     |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u> <u>Right</u>      |
|             | Erosion Length (ft.):          | <b>188.0</b> <b>749.8</b>     |
|             | Erosion Height (ft.):          | <b>4.8</b> <b>3.2</b>         |
|             | Revetment Type:                | <b>Rip-Rap</b> <b>Rip-Rap</b> |
|             | Revetment length               | <b>620.9</b> <b>360.5</b>     |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>1141</b> <b>0</b>          |
| 3.3         | <u>Riparian Corridor</u>       | <u>Left</u> <u>Right</u>      |
|             | Mass Failures:                 | <b>127.84</b>                 |
|             | Average Height (ft.):          | <b>13.1</b>                   |
|             | Mass Failures:                 | <b>Multiple</b>               |
|             | Average Heigh (ft.):           | <b>13.5</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>0</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>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>7</b>                       |
|               | Head Cuts:                  | <b>0</b>                       |
| 5.4           | Animal Crossings:           | <b>No</b>                      |
| 5.5           | Channel Alterations         |                                |
|               | Straightening:              | <b>Straightening</b>           |
|               | Length (ft.):               | <b>2,001.2</b>                 |
|               | Dredging:                   | <b>Dredging, Gravel Mining</b> |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M20 -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>1,864.2</b> <b>167.6</b>   |
|             | Railroad Lenth (ft.):          | <b>0.0</b> <b>0.0</b>         |
|             | Development Length:            | <b>1,576.4</b> <b>0.0</b>     |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u> <u>Right</u>      |
|             | Erosion Length (ft.):          | <b>188.0</b> <b>749.8</b>     |
|             | Erosion Height (ft.):          | <b>4.8</b> <b>3.2</b>         |
|             | Revetment Type:                | <b>Rip-Rap</b> <b>Rip-Rap</b> |
|             | Revetment length               | <b>620.9</b> <b>360.5</b>     |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>1141</b> <b>0</b>          |
| 3.3         | <u>Riparian Corridor</u>       | <u>Left</u> <u>Right</u>      |
|             | Mass Failures:                 | <b>127.84</b>                 |
|             | Average Height (ft.):          | <b>13.1</b>                   |
|             | Mass Failures:                 | <b>Multiple</b>               |
|             | Average Heigh (ft.):           | <b>13.5</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>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>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>7</b>                           |
|             | Head Cuts:                  | <b>0</b>                           |
| 5.4         | Animal Crossings:           | <b>No</b>                          |
| 5.5         | Channel Alterations         |                                    |
|             | Straightening:              | <b>Straightening</b>               |
|             | Length (ft.):               | <b>2,001.2</b>                     |
|             | Dredging:                   | <b>Dredging, Gravel Mining</b>     |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M25 -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>1,417.7</b> <b>0.0</b>  |
|             | Railroad Lenth (ft.):          | <b>0.0</b> <b>0.0</b>      |
|             | Development Length:            | <b>0.0</b> <b>573.7</b>    |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u> <u>Right</u>   |
|             | Erosion Length (ft.):          | <b>415.7</b> <b>237.7</b>  |
|             | Erosion Height (ft.):          | <b>5.0</b> <b>5.0</b>      |
|             | Revetment Type:                | <b>None</b> <b>Rip-Rap</b> |
|             | Revetment length               | <b>0.0</b> <b>948.3</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:                 |                            |
|             | 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>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>4</b>                           |
|             | Head Cuts:                  | <b>0</b>                           |
| 5.4         | Animal Crossings:           | <b>No</b>                          |
| 5.5         | Channel Alterations         |                                    |
|             | Straightening:              | <b>Straightening</b>               |
|             | Length (ft.):               | <b>1,417.7</b>                     |
|             | Dredging:                   | <b>None</b>                        |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M21 -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>1,970.5</b> <b>906.2</b> |
|             | Railroad Lenth (ft.):          | <b>0.0</b> <b>0.0</b>       |
|             | Development Length:            | <b>548.7</b> <b>0.0</b>     |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u> <u>Right</u>    |
|             | Erosion Length (ft.):          | <b>176.9</b> <b>966.7</b>   |
|             | Erosion Height (ft.):          | <b>1.8</b> <b>2.3</b>       |
|             | Revetment Type:                | <b>Rip-Rap</b> <b>None</b>  |
|             | Revetment length               | <b>1,315.5</b> <b>0.0</b>   |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>2556</b> <b>99</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>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>1</b>                       |
| 5.3         | Steep Riffles and Head Cuts |                                |
|             | Steep Riffles:              | <b>4</b>                       |
|             | Head Cuts:                  | <b>0</b>                       |
| 5.4         | Animal Crossings:           | <b>No</b>                      |
| 5.5         | Channel Alterations         |                                |
|             | Straightening:              | <b>Straightening</b>           |
|             | Length (ft.):               | <b>2,945.2</b>                 |
|             | Dredging:                   | <b>Dredging, Gravel Mining</b> |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M21 -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>1,970.5</b> <b>906.2</b> |
|             | Railroad Lenth (ft.):          | <b>0.0</b> <b>0.0</b>       |
|             | Development Length:            | <b>548.7</b> <b>0.0</b>     |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u> <u>Right</u>    |
|             | Erosion Length (ft.):          | <b>176.9</b> <b>966.7</b>   |
|             | Erosion Height (ft.):          | <b>1.8</b> <b>2.3</b>       |
|             | Revetment Type:                | <b>Rip-Rap</b> <b>None</b>  |
|             | Revetment length               | <b>1,315.5</b> <b>0.0</b>   |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>2556</b> <b>99</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>1</b>                           |
| 5.3         | Steep Riffles and Head Cuts |                                    |
|             | Steep Riffles:              | <b>4</b>                           |
|             | Head Cuts:                  | <b>0</b>                           |
| 5.4         | Animal Crossings:           | <b>No</b>                          |
| 5.5         | Channel Alterations         |                                    |
|             | Straightening:              | <b>Straightening</b>               |
|             | Length (ft.):               | <b>2,945.2</b>                     |
|             | Dredging:                   | <b>Dredging, Gravel Mining</b>     |



Phase 2 - FIT - Legacy Data Report

Ottauquechee

SGAT Version: 4.56

Reach: **M28 -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>206.4</b>    | <b>2,289.2</b>  |
|             | Railroad Lenth (ft.):          | <b>0.0</b>      | <b>0.0</b>      |
|             | Development Length:            | <b>386.3</b>    | <b>0.0</b>      |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u>     | <u>Right</u>    |
|             | Erosion Length (ft.):          | <b>822.0</b>    | <b>1,387.9</b>  |
|             | Erosion Height (ft.):          | <b>3.9</b>      | <b>4.4</b>      |
|             | Revetment Type:                | <b>Multiple</b> | <b>Multiple</b> |
|             | Revetment length               | <b>819.0</b>    | <b>901.5</b>    |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>1422</b>     | <b>949</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>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>2</b>                  |
|             | Head Cuts:                  | <b>0</b>                  |
| 5.4         | Animal Crossings:           | <b>No</b>                 |
| 5.5         | Channel Alterations         |                           |
|             | Straightening:              | <b>Straightening</b>      |
|             | Length (ft.):               | <b>2,464.7</b>            |
|             | Dredging:                   | <b>None</b>               |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M29 -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>1,399.0</b> | <b>0.0</b>      |
|             | Railroad Lenth (ft.):          | <b>0.0</b>     | <b>0.0</b>      |
|             | Development Length:            | <b>365.4</b>   | <b>946.7</b>    |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u>    | <u>Right</u>    |
|             | Erosion Length (ft.):          | <b>1,365.8</b> | <b>136.6</b>    |
|             | Erosion Height (ft.):          | <b>5.0</b>     | <b>6.9</b>      |
|             | Revetment Type:                | <b>Rip-Rap</b> | <b>Multiple</b> |
|             | Revetment length               | <b>211.3</b>   | <b>747.8</b>    |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>0</b>       | <b>1360</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>1</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>1</b>                  |
| 5.3         | Steep Riffles and Head Cuts |                           |
|             | Steep Riffles:              | <b>5</b>                  |
|             | Head Cuts:                  | <b>0</b>                  |
| 5.4         | Animal Crossings:           | <b>Yes</b>                |
| 5.5         | Channel Alterations         |                           |
|             | Straightening:              | <b>Straightening</b>      |
|             | Length (ft.):               | <b>1,929.0</b>            |
|             | Dredging:                   | <b>None</b>               |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M23T3.01S1.03 -B**

| <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>59.8</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>1,197.9</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>359.2</b>    | <b>314.3</b>    |                        | Affected length (ft.):      | <b>0.0</b>  |
|             | Erosion Height (ft.):          | <b>3.3</b>      | <b>2.2</b>      | 5.2                    | Migration Features          |             |
|             | Revetment Type:                | <b>Multiple</b> | <b>Multiple</b> | Flood Chutes:          | <b>4</b>                    |             |
|             | Revetment length               | <b>217.7</b>    | <b>50.4</b>     | Neck Cutoffs:          | <b>0</b>                    |             |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>0</b>        | <b>0</b>        | Channel Avulsions:     | <b>0</b>                    |             |
| 3.3         | <u>Riparian Corridor</u>       | <u>Left</u>     | <u>Right</u>    | Braiding:              | <b>0</b>                    |             |
|             | Mass Failures:                 |                 | <b>290.9217</b> | 5.3                    | Steep Riffles and Head Cuts |             |
|             | Average Height (ft.):          |                 | <b>20.0</b>     | Steep Riffles:         | <b>2</b>                    |             |
|             | Mass Failures:                 | <b>One</b>      |                 | Head Cuts:             | <b>0</b>                    |             |
|             | Average Heigh (ft.):           | <b>20.0</b>     |                 | 5.4                    | Animal Crossings:           | <b>No</b>   |
|             | Gullies:                       | <b>None</b>     |                 | 5.5                    | Channel Alterations         |             |
|             | Number of Gullies              | <b>0</b>        |                 | Straightening:         | <b>With Windrowing</b>      |             |
|             | Total Length of Gullies (ft.): | <b>0.0</b>      |                 | Length (ft.):          | <b>57.1</b>                 |             |
|             | Average Height of Gullies      |                 |                 | Dredging:              | <b>None</b>                 |             |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M27 -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>1,806.2</b>  | <b>1,352.3</b>  |
|             | Railroad Lenth (ft.):          | <b>0.0</b>      | <b>0.0</b>      |
|             | Development Length:            | <b>985.4</b>    | <b>0.0</b>      |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u>     | <u>Right</u>    |
|             | Erosion Length (ft.):          | <b>773.4</b>    | <b>498.1</b>    |
|             | Erosion Height (ft.):          | <b>30.5</b>     | <b>5.7</b>      |
|             | Revetment Type:                | <b>Multiple</b> | <b>Multiple</b> |
|             | Revetment length               | <b>268.9</b>    | <b>299.9</b>    |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>261</b>      | <b>191</b>      |
| 3.3         | <u>Riparian Corridor</u>       | <u>Left</u>     | <u>Right</u>    |
|             | Mass Failures:                 | <b>350.95</b>   |                 |
|             | Average Height (ft.):          | <b>40.0</b>     |                 |
|             | Mass Failures:                 | <b>One</b>      |                 |
|             | Average Heigh (ft.):           | <b>40.0</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>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>0</b>                  |
|             | Affected length (ft.):      | <b>0.0</b>                |
| 5.2         | Migration Features          |                           |
|             | Flood Chutes:               | <b>5</b>                  |
|             | Neck Cutoffs:               | <b>1</b>                  |
|             | Channel Avulsions:          | <b>0</b>                  |
|             | Braiding:                   | <b>1</b>                  |
| 5.3         | Steep Riffles and Head Cuts |                           |
|             | Steep Riffles:              | <b>4</b>                  |
|             | Head Cuts:                  | <b>0</b>                  |
| 5.4         | Animal Crossings:           | <b>No</b>                 |
| 5.5         | Channel Alterations         |                           |
|             | Straightening:              | <b>Straightening</b>      |
|             | Length (ft.):               | <b>79.4</b>               |
|             | Dredging:                   | <b>None</b>               |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M25 -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>23.5</b>  | <b>0.0</b>     |
|             | Path Length (ft.):             | <b>0.0</b>   | <b>0.0</b>     |
|             | Road Length (ft.):             | <b>753.7</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>102.9</b> | <b>195.3</b>   |
|             | Erosion Height (ft.):          | <b>4.3</b>   | <b>4.0</b>     |
|             | Revetment Type:                | <b>None</b>  | <b>Rip-Rap</b> |
|             | Revetment length               | <b>0.0</b>   | <b>238.9</b>   |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>0</b>     | <b>669</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>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>1</b>             |
|             | Head Cuts:                  | <b>0</b>             |
| 5.4         | Animal Crossings:           | <b>No</b>            |
| 5.5         | Channel Alterations         |                      |
|             | Straightening:              | <b>Straightening</b> |
|             | Length (ft.):               | <b>1,465.8</b>       |
|             | Dredging:                   | <b>None</b>          |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M14 -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>1,101.8</b> <b>0.0</b>     |
|             | Railroad Lenth (ft.):          | <b>0.0</b> <b>0.0</b>         |
|             | Development Length:            | <b>1,033.1</b> <b>0.0</b>     |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u> <u>Right</u>      |
|             | Erosion Length (ft.):          | <b>848.4</b> <b>1,451.2</b>   |
|             | Erosion Height (ft.):          | <b>6.5</b> <b>5.3</b>         |
|             | Revetment Type:                | <b>Rip-Rap</b> <b>Rip-Rap</b> |
|             | Revetment length               | <b>1,136.0</b> <b>2,124.9</b> |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>2377</b> <b>2027</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>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>3</b>                  |
|             | Head Cuts:                  | <b>0</b>                  |
| 5.4         | Animal Crossings:           | <b>No</b>                 |
| 5.5         | Channel Alterations         |                           |
|             | Straightening:              | <b>With Windrowing</b>    |
|             | Length (ft.):               | <b>3,190.3</b>            |
|             | Dredging:                   | <b>Gravel Mining</b>      |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M14 -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>1,101.8</b> | <b>0.0</b>     |
|             | Railroad Lenth (ft.):          | <b>0.0</b>     | <b>0.0</b>     |
|             | Development Length:            | <b>1,033.1</b> | <b>0.0</b>     |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u>    | <u>Right</u>   |
|             | Erosion Length (ft.):          | <b>848.4</b>   | <b>1,451.2</b> |
|             | Erosion Height (ft.):          | <b>6.5</b>     | <b>5.3</b>     |
|             | Revetment Type:                | <b>Rip-Rap</b> | <b>Rip-Rap</b> |
|             | Revetment length               | <b>1,136.0</b> | <b>2,124.9</b> |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>2377</b>    | <b>2027</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>1</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>3</b>               |
|             | Head Cuts:                  | <b>0</b>               |
| 5.4         | Animal Crossings:           | <b>No</b>              |
| 5.5         | Channel Alterations         |                        |
|             | Straightening:              | <b>With Windrowing</b> |
|             | Length (ft.):               | <b>3,190.3</b>         |
|             | Dredging:                   | <b>Gravel Mining</b>   |



Phase 2 - FIT - Legacy Data Report

Ottauquechee

SGAT Version: 4.56

Reach: **M23T3.01S1.03 -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>505.3</b>    | <b>0.0</b>      |
|             | Path Length (ft.):             | <b>0.0</b>      | <b>0.0</b>      |
|             | Road Length (ft.):             | <b>4,588.2</b>  | <b>0.0</b>      |
|             | Railroad Lenth (ft.):          | <b>0.0</b>      | <b>0.0</b>      |
|             | Development Length:            | <b>2,163.0</b>  | <b>0.0</b>      |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u>     | <u>Right</u>    |
|             | Erosion Length (ft.):          | <b>575.7</b>    | <b>636.0</b>    |
|             | Erosion Height (ft.):          | <b>3.9</b>      | <b>3.5</b>      |
|             | Revetment Type:                | <b>Multiple</b> | <b>Multiple</b> |
|             | Revetment length               | <b>667.7</b>    | <b>697.6</b>    |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>547</b>      | <b>2806</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>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>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>1</b>               |
|               | Head Cuts:                  | <b>0</b>               |
| 5.4           | Animal Crossings:           | <b>No</b>              |
| 5.5           | Channel Alterations         |                        |
|               | Straightening:              | <b>With Windrowing</b> |
|               | Length (ft.):               | <b>2,509.5</b>         |
|               | Dredging:                   | <b>Dredging</b>        |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M23T3.01S1.03 -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>505.3</b>    | <b>0.0</b>      |
|             | Path Length (ft.):             | <b>0.0</b>      | <b>0.0</b>      |
|             | Road Length (ft.):             | <b>4,588.2</b>  | <b>0.0</b>      |
|             | Railroad Lenth (ft.):          | <b>0.0</b>      | <b>0.0</b>      |
|             | Development Length:            | <b>2,163.0</b>  | <b>0.0</b>      |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u>     | <u>Right</u>    |
|             | Erosion Length (ft.):          | <b>575.7</b>    | <b>636.0</b>    |
|             | Erosion Height (ft.):          | <b>3.9</b>      | <b>3.5</b>      |
|             | Revetment Type:                | <b>Multiple</b> | <b>Multiple</b> |
|             | Revetment length               | <b>667.7</b>    | <b>697.6</b>    |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>547</b>      | <b>2806</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>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>1</b>                  |
|             | Head Cuts:                  | <b>0</b>                  |
| 5.4         | Animal Crossings:           | <b>No</b>                 |
| 5.5         | Channel Alterations         |                           |
|             | Straightening:              | <b>With Windrowing</b>    |
|             | Length (ft.):               | <b>2,509.5</b>            |
|             | Dredging:                   | <b>Dredging</b>           |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M23T3.02 -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>779.6</b> <b>0.0</b>         |
|             | Path Length (ft.):             | <b>0.0</b> <b>0.0</b>           |
|             | Road Length (ft.):             | <b>1,875.5</b> <b>0.0</b>       |
|             | Railroad Lenth (ft.):          | <b>0.0</b> <b>0.0</b>           |
|             | Development Length:            | <b>1,645.9</b> <b>0.0</b>       |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u> <u>Right</u>        |
|             | Erosion Length (ft.):          | <b>1,450.3</b> <b>1,288.2</b>   |
|             | Erosion Height (ft.):          | <b>7.4</b> <b>5.6</b>           |
|             | Revetment Type:                | <b>Multiple</b> <b>Multiple</b> |
|             | Revetment length               | <b>579.1</b> <b>164.2</b>       |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>2530</b> <b>2830</b>         |
| 3.3         | <u>Riparian Corridor</u>       | <u>Left</u> <u>Right</u>        |
|             | Mass Failures:                 | <b>84.56898</b>                 |
|             | Average Height (ft.):          | <b>20.0</b>                     |
|             | Mass Failures:                 | <b>One</b>                      |
|             | Average Heigh (ft.):           | <b>20.0</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>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>2</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>2</b>                           |
|             | Head Cuts:                  | <b>1</b>                           |
| 5.4         | Animal Crossings:           | <b>Yes</b>                         |
| 5.5         | Channel Alterations         |                                    |
|             | Straightening:              | <b>With Windrowing</b>             |
|             | Length (ft.):               | <b>4,891.8</b>                     |
|             | Dredging:                   | <b>None</b>                        |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M26 -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>4,669.4</b> <b>0.0</b>       |
|             | Railroad Lenth (ft.):          | <b>0.0</b> <b>0.0</b>           |
|             | Development Length:            | <b>186.1</b> <b>487.1</b>       |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u> <u>Right</u>        |
|             | Erosion Length (ft.):          | <b>405.8</b> <b>1,689.7</b>     |
|             | Erosion Height (ft.):          | <b>7.8</b> <b>4.8</b>           |
|             | Revetment Type:                | <b>Multiple</b> <b>Multiple</b> |
|             | Revetment length               | <b>3,314.7</b> <b>182.3</b>     |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>2335</b> <b>148</b>          |
| 3.3         | <u>Riparian Corridor</u>       | <u>Left</u> <u>Right</u>        |
|             | Mass Failures:                 | <b>64.13</b>                    |
|             | Average Height (ft.):          | <b>11.0</b>                     |
|             | Mass Failures:                 | <b>One</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>0</b>                  |
| 4.5         | Flow Regulation Type:       | <b>None</b>               |
|             | Use:                        |                           |
| 4.7         | Stormwater Inputs           |                           |
|             | Overland Flow <b>4</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>7</b>                  |
|             | Head Cuts:                  | <b>0</b>                  |
| 5.4         | Animal Crossings:           | <b>No</b>                 |
| 5.5         | Channel Alterations         |                           |
|             | Straightening:              | <b>Straightening</b>      |
|             | Length (ft.):               | <b>3,807.8</b>            |
|             | Dredging:                   | <b>None</b>               |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M26 -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>4,669.4</b> <b>0.0</b>       |
|             | Railroad Lenth (ft.):          | <b>0.0</b> <b>0.0</b>           |
|             | Development Length:            | <b>186.1</b> <b>487.1</b>       |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u> <u>Right</u>        |
|             | Erosion Length (ft.):          | <b>405.8</b> <b>1,689.7</b>     |
|             | Erosion Height (ft.):          | <b>7.8</b> <b>4.8</b>           |
|             | Revetment Type:                | <b>Multiple</b> <b>Multiple</b> |
|             | Revetment length               | <b>3,314.7</b> <b>182.3</b>     |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>2335</b> <b>148</b>          |
| 3.3         | <u>Riparian Corridor</u>       | <u>Left</u> <u>Right</u>        |
|             | Mass Failures:                 | <b>64.13</b>                    |
|             | Average Height (ft.):          | <b>11.0</b>                     |
|             | Mass Failures:                 | <b>One</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>0</b>                  |
| 4.5         | Flow Regulation Type:       | <b>None</b>               |
|             | Use:                        |                           |
| 4.7         | Stormwater Inputs           |                           |
|             | Overland Flow <b>0</b>      | Road Ditch <b>6</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>7</b>                  |
|             | Head Cuts:                  | <b>0</b>                  |
| 5.4         | Animal Crossings:           | <b>No</b>                 |
| 5.5         | Channel Alterations         |                           |
|             | Straightening:              | <b>Straightening</b>      |
|             | Length (ft.):               | <b>3,807.8</b>            |
|             | Dredging:                   | <b>None</b>               |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M23 -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>1,534.2</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>401.9</b> <b>802.4</b>  |
|             | Erosion Height (ft.):          | <b>2.3</b> <b>1.9</b>      |
|             | Revetment Type:                | <b>Rip-Rap</b> <b>None</b> |
|             | Revetment length               | <b>573.6</b> <b>0.0</b>    |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>1528</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>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>1,762.9</b>            |
|             | Dredging:                   | <b>None</b>               |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M13 -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>1,245.5</b> | <b>0.0</b>     |
|             | Railroad Lenth (ft.):          | <b>0.0</b>     | <b>0.0</b>     |
|             | Development Length:            | <b>787.3</b>   | <b>0.0</b>     |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u>    | <u>Right</u>   |
|             | Erosion Length (ft.):          | <b>466.4</b>   | <b>1,361.9</b> |
|             | Erosion Height (ft.):          | <b>7.0</b>     | <b>5.3</b>     |
|             | Revetment Type:                | <b>Rip-Rap</b> | <b>Rip-Rap</b> |
|             | Revetment length               | <b>765.0</b>   | <b>732.2</b>   |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>4187</b>    | <b>1372</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>1</b>             |
| 5.3         | Steep Riffles and Head Cuts |                      |
|             | Steep Riffles:              | <b>5</b>             |
|             | Head Cuts:                  | <b>0</b>             |
| 5.4         | Animal Crossings:           | <b>No</b>            |
| 5.5         | Channel Alterations         |                      |
|             | Straightening:              | <b>Straightening</b> |
|             | Length (ft.):               | <b>5,322.8</b>       |
|             | Dredging:                   | <b>None</b>          |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M28T5.03 -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>169.5</b>   | <b>0.0</b>     |
|             | Path Length (ft.):             | <b>0.0</b>     | <b>0.0</b>     |
|             | Road Length (ft.):             | <b>2,180.0</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>68.9</b>    | <b>217.3</b>   |
|             | Erosion Height (ft.):          | <b>4.5</b>     | <b>3.8</b>     |
|             | Revetment Type:                | <b>Rip-Rap</b> | <b>Rip-Rap</b> |
|             | Revetment length               | <b>713.5</b>   | <b>584.9</b>   |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>428</b>     | <b>1054</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>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>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>6</b>               |
|               | Head Cuts:                  | <b>0</b>               |
| 5.4           | Animal Crossings:           | <b>No</b>              |
| 5.5           | Channel Alterations         |                        |
|               | Straightening:              | <b>With Windrowing</b> |
|               | Length (ft.):               | <b>2,027.2</b>         |
|               | Dredging:                   | <b>None</b>            |



Phase 2 - FIT - Legacy Data Report

Ottauquechee

SGAT Version: 4.56

Reach: **M28T5.03 -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>169.5</b>   | <b>0.0</b>     |
|             | Path Length (ft.):             | <b>0.0</b>     | <b>0.0</b>     |
|             | Road Length (ft.):             | <b>2,180.0</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>68.9</b>    | <b>217.3</b>   |
|             | Erosion Height (ft.):          | <b>4.5</b>     | <b>3.8</b>     |
|             | Revetment Type:                | <b>Rip-Rap</b> | <b>Rip-Rap</b> |
|             | Revetment length               | <b>713.5</b>   | <b>584.9</b>   |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>428</b>     | <b>1054</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>7</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>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>6</b>                  |
|             | Head Cuts:                  | <b>0</b>                  |
| 5.4         | Animal Crossings:           | <b>No</b>                 |
| 5.5         | Channel Alterations         |                           |
|             | Straightening:              | <b>With Windrowing</b>    |
|             | Length (ft.):               | <b>2,027.2</b>            |
|             | Dredging:                   | <b>None</b>               |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M28 -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>1,914.1</b>  | <b>789.9</b>    |
|             | Railroad Lenth (ft.):          | <b>0.0</b>      | <b>0.0</b>      |
|             | Development Length:            | <b>461.1</b>    | <b>0.0</b>      |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u>     | <u>Right</u>    |
|             | Erosion Length (ft.):          | <b>1,324.3</b>  | <b>1,158.4</b>  |
|             | Erosion Height (ft.):          | <b>5.0</b>      | <b>5.0</b>      |
|             | Revetment Type:                | <b>Multiple</b> | <b>Multiple</b> |
|             | Revetment length               | <b>691.5</b>    | <b>59.3</b>     |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>1000</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>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>5</b>                  |
|             | Head Cuts:                  | <b>0</b>                  |
| 5.4         | Animal Crossings:           | <b>No</b>                 |
| 5.5         | Channel Alterations         |                           |
|             | Straightening:              | <b>Straightening</b>      |
|             | Length (ft.):               | <b>2,708.4</b>            |
|             | Dredging:                   | <b>None</b>               |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M15 -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>572.6</b>    | <b>0.0</b>      |
|             | Railroad Lenth (ft.):          | <b>0.0</b>      | <b>0.0</b>      |
|             | Development Length:            | <b>0.0</b>      | <b>722.9</b>    |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u>     | <u>Right</u>    |
|             | Erosion Length (ft.):          | <b>67.5</b>     | <b>117.0</b>    |
|             | Erosion Height (ft.):          | <b>12.0</b>     | <b>8.3</b>      |
|             | Revetment Type:                | <b>Multiple</b> | <b>Multiple</b> |
|             | Revetment length               | <b>667.7</b>    | <b>564.5</b>    |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>621</b>      | <b>361</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>3</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>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>1</b>                  |
|             | Head Cuts:                  | <b>0</b>                  |
| 5.4         | Animal Crossings:           | <b>No</b>                 |
| 5.5         | Channel Alterations         |                           |
|             | Straightening:              | <b>Straightening</b>      |
|             | Length (ft.):               | <b>701.1</b>              |
|             | Dredging:                   | <b>None</b>               |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M15 -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>572.6</b>    | <b>0.0</b>      |
|             | Railroad Lenth (ft.):          | <b>0.0</b>      | <b>0.0</b>      |
|             | Development Length:            | <b>0.0</b>      | <b>722.9</b>    |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u>     | <u>Right</u>    |
|             | Erosion Length (ft.):          | <b>67.5</b>     | <b>117.0</b>    |
|             | Erosion Height (ft.):          | <b>12.0</b>     | <b>8.3</b>      |
|             | Revetment Type:                | <b>Multiple</b> | <b>Multiple</b> |
|             | Revetment length               | <b>667.7</b>    | <b>564.5</b>    |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>621</b>      | <b>361</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>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>1</b>                  |
|             | Head Cuts:                  | <b>0</b>                  |
| 5.4         | Animal Crossings:           | <b>No</b>                 |
| 5.5         | Channel Alterations         |                           |
|             | Straightening:              | <b>Straightening</b>      |
|             | Length (ft.):               | <b>701.1</b>              |
|             | Dredging:                   | <b>None</b>               |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M15 -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>572.6</b>    | <b>0.0</b>      |
|             | Railroad Lenth (ft.):          | <b>0.0</b>      | <b>0.0</b>      |
|             | Development Length:            | <b>0.0</b>      | <b>722.9</b>    |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u>     | <u>Right</u>    |
|             | Erosion Length (ft.):          | <b>67.5</b>     | <b>117.0</b>    |
|             | Erosion Height (ft.):          | <b>12.0</b>     | <b>8.3</b>      |
|             | Revetment Type:                | <b>Multiple</b> | <b>Multiple</b> |
|             | Revetment length               | <b>667.7</b>    | <b>564.5</b>    |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>621</b>      | <b>361</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>1</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>1</b>                  |
|             | Head Cuts:                  | <b>0</b>                  |
| 5.4         | Animal Crossings:           | <b>No</b>                 |
| 5.5         | Channel Alterations         |                           |
|             | Straightening:              | <b>Straightening</b>      |
|             | Length (ft.):               | <b>701.1</b>              |
|             | Dredging:                   | <b>None</b>               |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M16 -0**

| <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>      | 4.5         | Flow Regulation Type:       | <b>None</b>          |
|             | Berm Length (ft.):             | <b>0.0</b>      |             | Use:                        |                      |
|             | Path Length (ft.):             | <b>0.0</b>      | 4.7         | Stormwater Inputs           |                      |
|             | Road Length (ft.):             | <b>1,531.2</b>  |             | Overland Flow               | Road Ditch           |
|             | Railroad Lenth (ft.):          | <b>0.0</b>      |             | Field Ditch                 | Tile Drain           |
|             | Development Length:            | <b>0.0</b>      |             | Other                       | Ub Strm Wtr Pipe     |
|             |                                | <b>1,424.9</b>  | 4.9         | Beaver Dams:                | <b>0</b>             |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u>     |             | Affected length (ft.):      | <b>0.0</b>           |
|             | Erosion Length (ft.):          | <b>61.8</b>     | 5.2         | Migration Features          |                      |
|             | Erosion Height (ft.):          | <b>6.0</b>      |             | Flood Chutes:               | <b>3</b>             |
|             | Revetment Type:                | <b>Rip-Rap</b>  |             | Neck Cutoffs:               | <b>0</b>             |
|             | Revetment length               | <b>1,106.4</b>  |             | Channel Avulsions:          | <b>0</b>             |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>58</b>       |             | Braiding:                   | <b>0</b>             |
| 3.3         | <u>Riparian Corridor</u>       | <u>Left</u>     | 5.3         | Steep Riffles and Head Cuts |                      |
|             | Mass Failures:                 | <b>230.34</b>   |             | Steep Riffles:              | <b>1</b>             |
|             | Average Height (ft.):          | <b>16.3</b>     |             | Head Cuts:                  | <b>0</b>             |
|             | Mass Failures:                 | <b>Multiple</b> | 5.4         | Animal Crossings:           | <b>No</b>            |
|             | Average Heigh (ft.):           | <b>13.0</b>     | 5.5         | Channel Alterations         |                      |
|             | Gullies:                       | <b>Multiple</b> |             | Straightening:              | <b>Straightening</b> |
|             | Number of Gullies              | <b>2</b>        |             | Length (ft.):               | <b>1,153.1</b>       |
|             | Total Length of Gullies (ft.): | <b>5.0</b>      |             | Dredging:                   | <b>None</b>          |
|             | Average Height of Gullies      | <b>2.5</b>      |             |                             |                      |



Phase 2 - FIT - Legacy Data Report

Ottauquechee

SGAT Version: 4.56

Reach: **M22 -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>1,974.1</b>  | <b>0.0</b>     |
|             | Railroad Lenth (ft.):          | <b>0.0</b>      | <b>0.0</b>     |
|             | Development Length:            | <b>2,124.4</b>  | <b>0.0</b>     |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u>     | <u>Right</u>   |
|             | Erosion Length (ft.):          | <b>138.2</b>    | <b>637.1</b>   |
|             | Erosion Height (ft.):          | <b>2.0</b>      | <b>3.4</b>     |
|             | Revetment Type:                | <b>Multiple</b> | <b>Rip-Rap</b> |
|             | Revetment length               | <b>673.8</b>    | <b>558.8</b>   |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>533</b>      | <b>1347</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>Small Withdrawal</b>   |
|             | Use:                        | <b>Other</b>              |
| 4.7         | Stormwater Inputs           |                           |
|             | Overland Flow <b>3</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>2</b>                  |
|             | Head Cuts:                  | <b>0</b>                  |
| 5.4         | Animal Crossings:           | <b>No</b>                 |
| 5.5         | Channel Alterations         |                           |
|             | Straightening:              | <b>Straightening</b>      |
|             | Length (ft.):               | <b>1,987.5</b>            |
|             | Dredging:                   | <b>None</b>               |



Phase 2 - FIT - Legacy Data Report

Ottauquechee

SGAT Version: 4.56

Reach: **M22 -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>1,974.1</b>  | <b>0.0</b>     |
|             | Railroad Lenth (ft.):          | <b>0.0</b>      | <b>0.0</b>     |
|             | Development Length:            | <b>2,124.4</b>  | <b>0.0</b>     |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u>     | <u>Right</u>   |
|             | Erosion Length (ft.):          | <b>138.2</b>    | <b>637.1</b>   |
|             | Erosion Height (ft.):          | <b>2.0</b>      | <b>3.4</b>     |
|             | Revetment Type:                | <b>Multiple</b> | <b>Rip-Rap</b> |
|             | Revetment length               | <b>673.8</b>    | <b>558.8</b>   |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>533</b>      | <b>1347</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>Small Withdrawal</b> |
|             | Use:                        | <b>Other</b>            |
| 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>2</b>                |
|             | Head Cuts:                  | <b>0</b>                |
| 5.4         | Animal Crossings:           | <b>No</b>               |
| 5.5         | Channel Alterations         |                         |
|             | Straightening:              | <b>Straightening</b>    |
|             | Length (ft.):               | <b>1,987.5</b>          |
|             | Dredging:                   | <b>None</b>             |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M23T3.01 -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>1,365.3</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>1,242.3</b> <b>0.0</b>  |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u> <u>Right</u>   |
|             | Erosion Length (ft.):          | <b>545.5</b> <b>443.6</b>  |
|             | Erosion Height (ft.):          | <b>4.8</b> <b>13.8</b>     |
|             | Revetment Type:                | <b>None</b> <b>Rip-Rap</b> |
|             | Revetment length               | <b>0.0</b> <b>309.3</b>    |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>1370</b> <b>148</b>     |
| 3.3         | <u>Riparian Corridor</u>       | <u>Left</u> <u>Right</u>   |
|             | Mass Failures:                 | <b>30.11791</b>            |
|             | Average Height (ft.):          | <b>25.0</b>                |
|             | Mass Failures:                 | <b>One</b>                 |
|             | Average Heigh (ft.):           | <b>25.0</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>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>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>1</b>               |
|             | Head Cuts:                  | <b>1</b>               |
| 5.4         | Animal Crossings:           | <b>Yes</b>             |
| 5.5         | Channel Alterations         |                        |
|             | Straightening:              | <b>With Windrowing</b> |
|             | Length (ft.):               | <b>3,936.7</b>         |
|             | Dredging:                   | <b>Gravel Mining</b>   |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M30 -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>0.0</b>     | <b>0.0</b>     |
|             | Path Length (ft.):             | <b>0.0</b>     | <b>0.0</b>     |
|             | Road Length (ft.):             | <b>711.1</b>   | <b>0.0</b>     |
|             | Railroad Lenth (ft.):          | <b>0.0</b>     | <b>0.0</b>     |
|             | Development Length:            | <b>332.7</b>   | <b>89.9</b>    |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u>    | <u>Right</u>   |
|             | Erosion Length (ft.):          | <b>90.4</b>    | <b>227.2</b>   |
|             | Erosion Height (ft.):          | <b>5.1</b>     | <b>3.9</b>     |
|             | Revetment Type:                | <b>Rip-Rap</b> | <b>Rip-Rap</b> |
|             | Revetment length               | <b>48.1</b>    | <b>71.5</b>    |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>191</b>     | <b>463</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>500.0</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>      |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M28T5.01 -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>533.3</b> <b>0.0</b>    |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u> <u>Right</u>   |
|             | Erosion Length (ft.):          | <b>102.8</b> <b>92.4</b>   |
|             | Erosion Height (ft.):          | <b>3.1</b> <b>2.8</b>      |
|             | Revetment Type:                | <b>Rip-Rap</b> <b>None</b> |
|             | Revetment length               | <b>291.4</b> <b>0.0</b>    |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>523</b> <b>0</b>        |
| 3.3         | <u>Riparian Corridor</u>       | <u>Left</u> <u>Right</u>   |
|             | Mass Failures:                 | <b>42.73</b>               |
|             | Average Height (ft.):          | <b>18.0</b>                |
|             | Mass Failures:                 | <b>One</b>                 |
|             | Average Heigh (ft.):           | <b>18.0</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>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>1</b>                  |
|             | Affected length (ft.):      | <b>155.0</b>              |
| 5.2         | Migration Features          |                           |
|             | Flood Chutes:               | <b>3</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>Straightening</b>      |
|             | Length (ft.):               | <b>386.5</b>              |
|             | Dredging:                   | <b>None</b>               |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M28T5.01 -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>533.3</b> <b>0.0</b>    |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u> <u>Right</u>   |
|             | Erosion Length (ft.):          | <b>102.8</b> <b>92.4</b>   |
|             | Erosion Height (ft.):          | <b>3.1</b> <b>2.8</b>      |
|             | Revetment Type:                | <b>Rip-Rap</b> <b>None</b> |
|             | Revetment length               | <b>291.4</b> <b>0.0</b>    |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>523</b> <b>0</b>        |
| 3.3         | <u>Riparian Corridor</u>       | <u>Left</u> <u>Right</u>   |
|             | Mass Failures:                 | <b>42.73</b>               |
|             | Average Height (ft.):          | <b>18.0</b>                |
|             | Mass Failures:                 | <b>One</b>                 |
|             | Average Heigh (ft.):           | <b>18.0</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>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>1</b> |
| 4.9         | Beaver Dams:                | <b>1</b>                  |
|             | Affected length (ft.):      | <b>155.0</b>              |
| 5.2         | Migration Features          |                           |
|             | Flood Chutes:               | <b>3</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>Straightening</b>      |
|             | Length (ft.):               | <b>386.5</b>              |
|             | Dredging:                   | <b>None</b>               |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M15 -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>3,499.3</b>  | <b>0.0</b>      |
|             | Railroad Lenth (ft.):          | <b>0.0</b>      | <b>0.0</b>      |
|             | Development Length:            | <b>0.0</b>      | <b>3,499.3</b>  |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u>     | <u>Right</u>    |
|             | Erosion Length (ft.):          | <b>555.2</b>    | <b>168.0</b>    |
|             | Erosion Height (ft.):          | <b>5.4</b>      | <b>4.7</b>      |
|             | Revetment Type:                | <b>Multiple</b> | <b>Multiple</b> |
|             | Revetment length               | <b>1,329.5</b>  | <b>2,053.7</b>  |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>1703</b>     | <b>736</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>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>5</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>4</b>                  |
|             | Head Cuts:                  | <b>0</b>                  |
| 5.4         | Animal Crossings:           | <b>No</b>                 |
| 5.5         | Channel Alterations         |                           |
|             | Straightening:              | <b>Straightening</b>      |
|             | Length (ft.):               | <b>3,402.8</b>            |
|             | Dredging:                   | <b>Gravel Mining</b>      |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M15 -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>3,499.3</b>  | <b>0.0</b>      |
|             | Railroad Lenth (ft.):          | <b>0.0</b>      | <b>0.0</b>      |
|             | Development Length:            | <b>0.0</b>      | <b>3,499.3</b>  |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u>     | <u>Right</u>    |
|             | Erosion Length (ft.):          | <b>555.2</b>    | <b>168.0</b>    |
|             | Erosion Height (ft.):          | <b>5.4</b>      | <b>4.7</b>      |
|             | Revetment Type:                | <b>Multiple</b> | <b>Multiple</b> |
|             | Revetment length               | <b>1,329.5</b>  | <b>2,053.7</b>  |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>1703</b>     | <b>736</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>5</b>             |
| 4.9         | Beaver Dams:                | <b>0</b>             |
|             | Affected length (ft.):      | <b>0.0</b>           |
| 5.2         | Migration Features          |                      |
|             | Flood Chutes:               | <b>5</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>4</b>             |
|             | Head Cuts:                  | <b>0</b>             |
| 5.4         | Animal Crossings:           | <b>No</b>            |
| 5.5         | Channel Alterations         |                      |
|             | Straightening:              | <b>Straightening</b> |
|             | Length (ft.):               | <b>3,402.8</b>       |
|             | Dredging:                   | <b>Gravel Mining</b> |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M19 -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>710.8</b>   | <b>0.0</b>     |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u>    | <u>Right</u>   |
|             | Erosion Length (ft.):          | <b>418.9</b>   | <b>257.6</b>   |
|             | Erosion Height (ft.):          | <b>6.6</b>     | <b>4.0</b>     |
|             | Revetment Type:                | <b>Rip-Rap</b> | <b>Rip-Rap</b> |
|             | Revetment length               | <b>22.7</b>    | <b>309.4</b>   |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>961</b>     | <b>984</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>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>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>3</b>                  |
|             | Head Cuts:                  | <b>0</b>                  |
| 5.4         | Animal Crossings:           | <b>No</b>                 |
| 5.5         | Channel Alterations         |                           |
|             | Straightening:              | <b>Straightening</b>      |
|             | Length (ft.):               | <b>1,326.7</b>            |
|             | Dredging:                   | <b>Gravel Mining</b>      |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M25 -C**

| <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>     | 4.5           | Flow Regulation Type:       | <b>None</b>          |          |
|             |                                | <u>Both</u>    |               | Use:                        |                      |          |
|             | Berm Length (ft.):             | <b>0.0</b>     | 4.7           | Stormwater Inputs           |                      |          |
|             | Path Length (ft.):             | <b>0.0</b>     | Overland Flow | <b>0</b>                    | Road Ditch           | <b>1</b> |
|             | Road Length (ft.):             | <b>890.9</b>   | Field Ditch   | <b>0</b>                    | Tile Drain           | <b>0</b> |
|             | Railroad Lenth (ft.):          | <b>0.0</b>     | Other         | <b>0</b>                    | Ub Strm Wtr Pipe     | <b>0</b> |
|             | Development Length:            | <b>0.0</b>     | 4.9           | Beaver Dams:                | <b>0</b>             |          |
|             |                                | <b>1,618.9</b> |               | Affected length (ft.):      | <b>0.0</b>           |          |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u>    | 5.2           | Migration Features          |                      |          |
|             | Erosion Length (ft.):          | <b>212.2</b>   |               | Flood Chutes:               | <b>0</b>             |          |
|             | Erosion Height (ft.):          | <b>4.7</b>     |               | Neck Cutoffs:               | <b>0</b>             |          |
|             | Revetment Type:                | <b>Rip-Rap</b> |               | Channel Avulsions:          | <b>0</b>             |          |
|             | Revetment length               | <b>180.0</b>   |               | Braiding:                   | <b>0</b>             |          |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>209</b>     | 5.3           | Steep Riffles and Head Cuts |                      |          |
| 3.3         | <u>Riparian Corridor</u>       | <u>Left</u>    |               | Steep Riffles:              | <b>3</b>             |          |
|             | Mass Failures:                 |                |               | Head Cuts:                  | <b>0</b>             |          |
|             | Average Height (ft.):          |                | 5.4           | Animal Crossings:           | <b>No</b>            |          |
|             | Mass Failures:                 | <b>None</b>    | 5.5           | Channel Alterations         |                      |          |
|             | Average Heigh (ft.):           |                |               | Straightening:              | <b>Straightening</b> |          |
|             | Gullies:                       | <b>None</b>    |               | Length (ft.):               | <b>1,505.4</b>       |          |
|             | Number of Gullies              | <b>0</b>       |               | Dredging:                   | <b>None</b>          |          |
|             | Total Length of Gullies (ft.): | <b>0.0</b>     |               |                             |                      |          |
|             | Average Height of Gullies      |                |               |                             |                      |          |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M28 -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>1,188.2</b> | <b>0.0</b>   |
|             | Railroad Lenth (ft.):          | <b>0.0</b>     | <b>0.0</b>   |
|             | Development Length:            | <b>1,067.9</b> | <b>0.0</b>   |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u>    | <u>Right</u> |
|             | Erosion Length (ft.):          | <b>886.9</b>   | <b>413.4</b> |
|             | Erosion Height (ft.):          | <b>5.0</b>     | <b>3.0</b>   |
|             | Revetment Type:                | <b>Rip-Rap</b> | <b>None</b>  |
|             | Revetment length               | <b>254.6</b>   | <b>0.0</b>   |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>750</b>     | <b>22</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>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>1</b>             |
|             | Head Cuts:                  | <b>0</b>             |
| 5.4         | Animal Crossings:           | <b>No</b>            |
| 5.5         | Channel Alterations         |                      |
|             | Straightening:              | <b>Straightening</b> |
|             | Length (ft.):               | <b>904.1</b>         |
|             | Dredging:                   | <b>None</b>          |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M14 -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>1,049.5</b> | <b>0.0</b>     |
|             | Erosion Height (ft.):          | <b>5.8</b>     | <b>0.0</b>     |
|             | Revetment Type:                | <b>Rip-Rap</b> | <b>Rip-Rap</b> |
|             | Revetment length               | <b>173.3</b>   | <b>998.1</b>   |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>794</b>     | <b>795</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>1</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>Straightening</b>      |
|             | Length (ft.):               | <b>1,131.1</b>            |
|             | Dredging:                   | <b>None</b>               |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M27 -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>2,402.2</b> <b>0.0</b>     |
|             | Railroad Lenth (ft.):          | <b>0.0</b> <b>0.0</b>         |
|             | Development Length:            | <b>259.8</b> <b>805.2</b>     |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u> <u>Right</u>      |
|             | Erosion Length (ft.):          | <b>145.9</b> <b>272.9</b>     |
|             | Erosion Height (ft.):          | <b>7.0</b> <b>5.3</b>         |
|             | Revetment Type:                | <b>Rip-Rap</b> <b>Rip-Rap</b> |
|             | Revetment length               | <b>250.5</b> <b>340.5</b>     |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>0</b> <b>316</b>           |
| 3.3         | <u>Riparian Corridor</u>       | <u>Left</u> <u>Right</u>      |
|             | Mass Failures:                 | <b>24.57</b>                  |
|             | Average Height (ft.):          | <b>50.0</b>                   |
|             | Mass Failures:                 | <b>One</b>                    |
|             | Average Heigh (ft.):           | <b>50.0</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>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>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>No</b>                          |
| 5.5         | Channel Alterations         |                                    |
|             | Straightening:              | <b>Straightening</b>               |
|             | Length (ft.):               | <b>1,216.7</b>                     |
|             | Dredging:                   | <b>None</b>                        |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M21 -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>1,751.7</b>     |
|             | Railroad Lenth (ft.):          | <b>0.0</b> <b>0.0</b>         |
|             | Development Length:            | <b>2,184.1</b> <b>0.0</b>     |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u> <u>Right</u>      |
|             | Erosion Length (ft.):          | <b>146.2</b> <b>933.7</b>     |
|             | Erosion Height (ft.):          | <b>8.0</b> <b>6.6</b>         |
|             | Revetment Type:                | <b>Rip-Rap</b> <b>Rip-Rap</b> |
|             | Revetment length               | <b>690.2</b> <b>444.2</b>     |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>1156</b> <b>1559</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>5</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>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>4</b>                  |
|             | Head Cuts:                  | <b>0</b>                  |
| 5.4         | Animal Crossings:           | <b>No</b>                 |
| 5.5         | Channel Alterations         |                           |
|             | Straightening:              | <b>Straightening</b>      |
|             | Length (ft.):               | <b>2,546.2</b>            |
|             | Dredging:                   | <b>None</b>               |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M21 -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>1,751.7</b>     |
|             | Railroad Lenth (ft.):          | <b>0.0</b> <b>0.0</b>         |
|             | Development Length:            | <b>2,184.1</b> <b>0.0</b>     |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u> <u>Right</u>      |
|             | Erosion Length (ft.):          | <b>146.2</b> <b>933.7</b>     |
|             | Erosion Height (ft.):          | <b>8.0</b> <b>6.6</b>         |
|             | Revetment Type:                | <b>Rip-Rap</b> <b>Rip-Rap</b> |
|             | Revetment length               | <b>690.2</b> <b>444.2</b>     |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>1156</b> <b>1559</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>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>4</b>                           |
|             | Head Cuts:                  | <b>0</b>                           |
| 5.4         | Animal Crossings:           | <b>No</b>                          |
| 5.5         | Channel Alterations         |                                    |
|             | Straightening:              | <b>Straightening</b>               |
|             | Length (ft.):               | <b>2,546.2</b>                     |
|             | Dredging:                   | <b>None</b>                        |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M26 -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>815.3</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>723.6</b> |
|             | Erosion Height (ft.):          | <b>0.0</b>     | <b>10.0</b>  |
|             | Revetment Type:                | <b>Rip-Rap</b> | <b>None</b>  |
|             | Revetment length               | <b>805.5</b>   | <b>0.0</b>   |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>706</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>Straightening</b> |
|             | Length (ft.):               | <b>815.3</b>         |
|             | Dredging:                   | <b>None</b>          |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M28T5.03 -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>371.8</b> <b>339.8</b> |
|             | Path Length (ft.):             | <b>0.0</b> <b>0.0</b>     |
|             | Road Length (ft.):             | <b>409.8</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>97.7</b> <b>67.5</b>   |
|             | Erosion Height (ft.):          | <b>3.1</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>310</b> <b>0</b>       |
| 3.3         | <u>Riparian Corridor</u>       | <u>Left</u> <u>Right</u>  |
|             | Mass Failures:                 | <b>6.988405</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 | <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>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>2</b>               |
|               | Head Cuts:                  | <b>0</b>               |
| 5.4           | Animal Crossings:           | <b>No</b>              |
| 5.5           | Channel Alterations         |                        |
|               | Straightening:              | <b>With Windrowing</b> |
|               | Length (ft.):               | <b>971.0</b>           |
|               | Dredging:                   | <b>None</b>            |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M28T5.03 -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>371.8</b> <b>339.8</b> |
|             | Path Length (ft.):             | <b>0.0</b> <b>0.0</b>     |
|             | Road Length (ft.):             | <b>409.8</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>97.7</b> <b>67.5</b>   |
|             | Erosion Height (ft.):          | <b>3.1</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>310</b> <b>0</b>       |
| 3.3         | <u>Riparian Corridor</u>       | <u>Left</u> <u>Right</u>  |
|             | Mass Failures:                 | <b>6.988405</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               | <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>2</b>                           |
|             | Head Cuts:                  | <b>0</b>                           |
| 5.4         | Animal Crossings:           | <b>No</b>                          |
| 5.5         | Channel Alterations         |                                    |
|             | Straightening:              | <b>With Windrowing</b>             |
|             | Length (ft.):               | <b>971.0</b>                       |
|             | Dredging:                   | <b>None</b>                        |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M28T5.02 -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>595.4</b> | <b>0.0</b>   |
|             | Railroad Lenth (ft.):          | <b>0.0</b>   | <b>0.0</b>   |
|             | Development Length:            | <b>32.5</b>  | <b>0.0</b>   |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u>  | <u>Right</u> |
|             | Erosion Length (ft.):          | <b>44.6</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>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>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>      |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M28T5.02 -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>156.0</b> <b>0.0</b>    |
|             | Path Length (ft.):             | <b>0.0</b> <b>0.0</b>      |
|             | Road Length (ft.):             | <b>2,298.9</b> <b>0.0</b>  |
|             | Railroad Lenth (ft.):          | <b>0.0</b> <b>0.0</b>      |
|             | Development Length:            | <b>1,024.6</b> <b>0.0</b>  |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u> <u>Right</u>   |
|             | Erosion Length (ft.):          | <b>131.4</b> <b>364.5</b>  |
|             | Erosion Height (ft.):          | <b>6.8</b> <b>4.0</b>      |
|             | Revetment Type:                | <b>Rip-Rap</b> <b>None</b> |
|             | Revetment length               | <b>1,710.0</b> <b>0.0</b>  |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>1690</b> <b>0</b>       |
| 3.3         | <u>Riparian Corridor</u>       | <u>Left</u> <u>Right</u>   |
|             | Mass Failures:                 | <b>59.81252</b>            |
|             | Average Height (ft.):          | <b>20.0</b>                |
|             | Mass Failures:                 | <b>One</b>                 |
|             | Average Heigh (ft.):           | <b>20.0</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>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>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>With Windrowing</b>             |
|             | Length (ft.):               | <b>2,068.5</b>                     |
|             | Dredging:                   | <b>None</b>                        |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M23T3.01S1.02 -C**

| <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>     | 4.5         | Flow Regulation Type:       | <b>None</b>            |
|             | Berm Length (ft.):             | <b>530.3</b>   |             | Use:                        |                        |
|             | Path Length (ft.):             | <b>0.0</b>     | 4.7         | Stormwater Inputs           |                        |
|             | Road Length (ft.):             | <b>1,324.4</b> |             | Overland Flow               | Road Ditch             |
|             | Railroad Lenth (ft.):          | <b>0.0</b>     |             | Field Ditch                 | Tile Drain             |
|             | Development Length:            | <b>0.0</b>     |             | Other                       | Ub Strm Wtr Pipe       |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u>    | 4.9         | Beaver Dams:                | <b>0</b>               |
|             | Erosion Length (ft.):          | <b>466.5</b>   |             | Affected length (ft.):      | <b>0.0</b>             |
|             | Erosion Height (ft.):          | <b>3.2</b>     | 5.2         | Migration Features          |                        |
|             | Revetment Type:                | <b>Rip-Rap</b> |             | Flood Chutes:               | <b>2</b>               |
|             | Revetment length               | <b>87.7</b>    |             | Neck Cutoffs:               | <b>0</b>               |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>0</b>       |             | Channel Avulsions:          | <b>0</b>               |
|             | Mass Failures:                 |                |             | Braiding:                   | <b>0</b>               |
|             | Average Height (ft.):          |                | 5.3         | Steep Riffles and Head Cuts |                        |
|             | Mass Failures:                 | <b>None</b>    |             | Steep Riffles:              | <b>1</b>               |
|             | Average Heigh (ft.):           |                |             | Head Cuts:                  | <b>0</b>               |
|             | Gullies:                       | <b>None</b>    | 5.4         | Animal Crossings:           | <b>No</b>              |
|             | Number of Gullies              | <b>0</b>       | 5.5         | Channel Alterations         |                        |
|             | Total Length of Gullies (ft.): | <b>0.0</b>     |             | Straightening:              | <b>With Windrowing</b> |
|             | Average Height of Gullies      |                |             | Length (ft.):               | <b>1,515.0</b>         |
|             |                                |                |             | Dredging:                   | <b>None</b>            |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M30 -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>      | 4.5         | Flow Regulation Type:       | <b>None</b>          |
|             | Berm Length (ft.):             | <b>0.0</b>      |             | Use:                        |                      |
|             | Path Length (ft.):             | <b>0.0</b>      | 4.7         | Stormwater Inputs           |                      |
|             | Road Length (ft.):             | <b>338.3</b>    |             | Overland Flow               | Road Ditch           |
|             | Railroad Lenth (ft.):          | <b>0.0</b>      |             | Field Ditch                 | Tile Drain           |
|             | Development Length:            | <b>0.0</b>      |             | Other                       | Ub Strm Wtr Pipe     |
|             |                                | <b>702.6</b>    | 4.9         | Beaver Dams:                | <b>0</b>             |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u>     |             | Affected length (ft.):      | <b>0.0</b>           |
|             | Erosion Length (ft.):          | <b>198.2</b>    | 5.2         | Migration Features          |                      |
|             | Erosion Height (ft.):          | <b>6.2</b>      |             | Flood Chutes:               | <b>0</b>             |
|             | Revetment Type:                | <b>Multiple</b> |             | Neck Cutoffs:               | <b>0</b>             |
|             | Revetment length               | <b>121.4</b>    |             | Channel Avulsions:          | <b>1</b>             |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>0</b>        |             | Braiding:                   | <b>2</b>             |
| 3.3         | <u>Riparian Corridor</u>       | <u>Left</u>     | 5.3         | Steep Riffles and Head Cuts |                      |
|             | Mass Failures:                 |                 |             | Steep Riffles:              | <b>0</b>             |
|             | Average Height (ft.):          |                 |             | Head Cuts:                  | <b>1</b>             |
|             | Mass Failures:                 | <b>None</b>     | 5.4         | Animal Crossings:           | <b>No</b>            |
|             | Average Heigh (ft.):           |                 | 5.5         | Channel Alterations         |                      |
|             | Gullies:                       | <b>None</b>     |             | Straightening:              | <b>Straightening</b> |
|             | Number of Gullies              | <b>0</b>        |             | Length (ft.):               | <b>236.0</b>         |
|             | Total Length of Gullies (ft.): | <b>0.0</b>      |             | Dredging:                   | <b>None</b>          |
|             | Average Height of Gullies      |                 |             |                             |                      |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M24 -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>1,436.6</b> <b>0.0</b>      |
|             | Railroad Lenth (ft.):          | <b>0.0</b> <b>0.0</b>          |
|             | Development Length:            | <b>0.0</b> <b>1,784.1</b>      |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u> <u>Right</u>       |
|             | Erosion Length (ft.):          | <b>267.5</b> <b>913.5</b>      |
|             | Erosion Height (ft.):          | <b>2.3</b> <b>4.3</b>          |
|             | Revetment Type:                | <b>Multiple</b> <b>Rip-Rap</b> |
|             | Revetment length               | <b>287.5</b> <b>81.1</b>       |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>636</b> <b>441</b>          |
| 3.3         | <u>Riparian Corridor</u>       | <u>Left</u> <u>Right</u>       |
|             | Mass Failures:                 | <b>84.18</b>                   |
|             | Average Height (ft.):          | <b>23.7</b>                    |
|             | Mass Failures:                 | <b>Multiple</b>                |
|             | Average Heigh (ft.):           | <b>25.0</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>0</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>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>2</b>             |
|               | Head Cuts:                  | <b>0</b>             |
| 5.4           | Animal Crossings:           | <b>No</b>            |
| 5.5           | Channel Alterations         |                      |
|               | Straightening:              | <b>Straightening</b> |
|               | Length (ft.):               | <b>1,457.7</b>       |
|               | Dredging:                   | <b>None</b>          |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M24 -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>1,436.6</b> <b>0.0</b>      |
|             | Railroad Lenth (ft.):          | <b>0.0</b> <b>0.0</b>          |
|             | Development Length:            | <b>0.0</b> <b>1,784.1</b>      |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u> <u>Right</u>       |
|             | Erosion Length (ft.):          | <b>267.5</b> <b>913.5</b>      |
|             | Erosion Height (ft.):          | <b>2.3</b> <b>4.3</b>          |
|             | Revetment Type:                | <b>Multiple</b> <b>Rip-Rap</b> |
|             | Revetment length               | <b>287.5</b> <b>81.1</b>       |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>636</b> <b>441</b>          |
| 3.3         | <u>Riparian Corridor</u>       | <u>Left</u> <u>Right</u>       |
|             | Mass Failures:                 | <b>84.18</b>                   |
|             | Average Height (ft.):          | <b>23.7</b>                    |
|             | Mass Failures:                 | <b>Multiple</b>                |
|             | Average Heigh (ft.):           | <b>25.0</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>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>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>2</b>                           |
|             | Head Cuts:                  | <b>0</b>                           |
| 5.4         | Animal Crossings:           | <b>No</b>                          |
| 5.5         | Channel Alterations         |                                    |
|             | Straightening:              | <b>Straightening</b>               |
|             | Length (ft.):               | <b>1,457.7</b>                     |
|             | Dredging:                   | <b>None</b>                        |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M23T3.01S1.03 -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>212.7</b> <b>0.0</b>       |
|             | Path Length (ft.):             | <b>0.0</b> <b>0.0</b>         |
|             | Road Length (ft.):             | <b>361.6</b> <b>0.0</b>       |
|             | Railroad Lenth (ft.):          | <b>0.0</b> <b>0.0</b>         |
|             | Development Length:            | <b>304.1</b> <b>0.0</b>       |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u> <u>Right</u>      |
|             | Erosion Length (ft.):          | <b>164.7</b> <b>160.8</b>     |
|             | Erosion Height (ft.):          | <b>4.0</b> <b>3.8</b>         |
|             | Revetment Type:                | <b>Rip-Rap</b> <b>Rip-Rap</b> |
|             | Revetment length               | <b>379.8</b> <b>39.4</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>30.26402</b>               |
|             | Average Height (ft.):          | <b>20.0</b>                   |
|             | Mass Failures:                 | <b>One</b>                    |
|             | Average Heigh (ft.):           | <b>20.0</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>0</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>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>With Windrowing</b> |
|               | Length (ft.):               | <b>218.7</b>           |
|               | Dredging:                   | <b>None</b>            |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M23T3.01S1.03 -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>212.7</b> <b>0.0</b>       |
|             | Path Length (ft.):             | <b>0.0</b> <b>0.0</b>         |
|             | Road Length (ft.):             | <b>361.6</b> <b>0.0</b>       |
|             | Railroad Lenth (ft.):          | <b>0.0</b> <b>0.0</b>         |
|             | Development Length:            | <b>304.1</b> <b>0.0</b>       |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u> <u>Right</u>      |
|             | Erosion Length (ft.):          | <b>164.7</b> <b>160.8</b>     |
|             | Erosion Height (ft.):          | <b>4.0</b> <b>3.8</b>         |
|             | Revetment Type:                | <b>Rip-Rap</b> <b>Rip-Rap</b> |
|             | Revetment length               | <b>379.8</b> <b>39.4</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>30.26402</b>               |
|             | Average Height (ft.):          | <b>20.0</b>                   |
|             | Mass Failures:                 | <b>One</b>                    |
|             | Average Heigh (ft.):           | <b>20.0</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>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>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>With Windrowing</b>             |
|             | Length (ft.):               | <b>218.7</b>                       |
|             | Dredging:                   | <b>None</b>                        |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: 4.56

Reach: **M24 -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>1,715.6</b> <b>0.0</b>   |
|             | Railroad Lenth (ft.):          | <b>0.0</b> <b>0.0</b>       |
|             | Development Length:            | <b>0.0</b> <b>753.0</b>     |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u> <u>Right</u>    |
|             | Erosion Length (ft.):          | <b>79.4</b> <b>603.1</b>    |
|             | Erosion Height (ft.):          | <b>3.0</b> <b>3.4</b>       |
|             | Revetment Type:                | <b>None</b> <b>Multiple</b> |
|             | Revetment length               | <b>0.0</b> <b>508.1</b>     |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>312</b> <b>942</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>Small Withdrawal</b>   |
|             | Use:                        | <b>Other</b>              |
| 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>3</b>                  |
|             | Head Cuts:                  | <b>0</b>                  |
| 5.4         | Animal Crossings:           | <b>Yes</b>                |
| 5.5         | Channel Alterations         |                           |
|             | Straightening:              | <b>Straightening</b>      |
|             | Length (ft.):               | <b>1,781.8</b>            |
|             | Dredging:                   | <b>Dredging</b>           |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M18 -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>1,082.3</b> <b>0.0</b>   |
|             | Railroad Lenth (ft.):          | <b>0.0</b> <b>0.0</b>       |
|             | Development Length:            | <b>1,759.1</b> <b>0.0</b>   |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u> <u>Right</u>    |
|             | Erosion Length (ft.):          | <b>723.6</b> <b>1,330.8</b> |
|             | Erosion Height (ft.):          | <b>8.5</b> <b>5.3</b>       |
|             | Revetment Type:                | <b>Rip-Rap</b> <b>None</b>  |
|             | Revetment length               | <b>437.7</b> <b>0.0</b>     |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>0</b> <b>210</b>         |
| 3.3         | <u>Riparian Corridor</u>       | <u>Left</u> <u>Right</u>    |
|             | Mass Failures:                 | <b>198.38</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>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>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>1</b>                  |
|             | Head Cuts:                  | <b>0</b>                  |
| 5.4         | Animal Crossings:           | <b>No</b>                 |
| 5.5         | Channel Alterations         |                           |
|             | Straightening:              | <b>Straightening</b>      |
|             | Length (ft.):               | <b>1,897.5</b>            |
|             | Dredging:                   | <b>None</b>               |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M18 -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>1,082.3</b> <b>0.0</b>   |
|             | Railroad Lenth (ft.):          | <b>0.0</b> <b>0.0</b>       |
|             | Development Length:            | <b>1,759.1</b> <b>0.0</b>   |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u> <u>Right</u>    |
|             | Erosion Length (ft.):          | <b>723.6</b> <b>1,330.8</b> |
|             | Erosion Height (ft.):          | <b>8.5</b> <b>5.3</b>       |
|             | Revetment Type:                | <b>Rip-Rap</b> <b>None</b>  |
|             | Revetment length               | <b>437.7</b> <b>0.0</b>     |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>0</b> <b>210</b>         |
| 3.3         | <u>Riparian Corridor</u>       | <u>Left</u> <u>Right</u>    |
|             | Mass Failures:                 | <b>198.38</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>0</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>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>1</b>                  |
|             | Head Cuts:                  | <b>0</b>                  |
| 5.4         | Animal Crossings:           | <b>No</b>                 |
| 5.5         | Channel Alterations         |                           |
|             | Straightening:              | <b>Straightening</b>      |
|             | Length (ft.):               | <b>1,897.5</b>            |
|             | Dredging:                   | <b>None</b>               |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M17 -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>2,369.0</b> <b>0.0</b>  |
|             | Railroad Lenth (ft.):          | <b>0.0</b> <b>0.0</b>      |
|             | Development Length:            | <b>2,503.4</b> <b>0.0</b>  |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u> <u>Right</u>   |
|             | Erosion Length (ft.):          | <b>976.5</b> <b>962.1</b>  |
|             | Erosion Height (ft.):          | <b>6.8</b> <b>21.3</b>     |
|             | Revetment Type:                | <b>Rip-Rap</b> <b>None</b> |
|             | Revetment length               | <b>638.9</b> <b>0.0</b>    |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>2027</b> <b>0</b>       |
| 3.3         | <u>Riparian Corridor</u>       | <u>Left</u> <u>Right</u>   |
|             | Mass Failures:                 | <b>612.89</b>              |
|             | Average Height (ft.):          | <b>34.9</b>                |
|             | Mass Failures:                 | <b>Multiple</b>            |
|             | Average Heigh (ft.):           | <b>30.0</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>0</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>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>3</b>             |
|               | Head Cuts:                  | <b>0</b>             |
| 5.4           | Animal Crossings:           | <b>No</b>            |
| 5.5           | Channel Alterations         |                      |
|               | Straightening:              | <b>Straightening</b> |
|               | Length (ft.):               | <b>1,897.2</b>       |
|               | Dredging:                   | <b>Gravel Mining</b> |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M17 -0**

| <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>      | 4.5                | Flow Regulation Type:       | <b>None</b>      |          |
|             |                                | <u>Both</u>     |                    | Use:                        |                  |          |
|             | Berm Length (ft.):             | <b>0.0</b>      | 4.7                | Stormwater Inputs           |                  |          |
|             | Path Length (ft.):             | <b>0.0</b>      | Overland Flow      | <b>0</b>                    | Road Ditch       | <b>1</b> |
|             | Road Length (ft.):             | <b>2,369.0</b>  | Field Ditch        | <b>0</b>                    | Tile Drain       | <b>0</b> |
|             | Railroad Lenth (ft.):          | <b>0.0</b>      | Other              | <b>0</b>                    | Ub Strm Wtr Pipe | <b>0</b> |
|             | Development Length:            | <b>2,503.4</b>  | 4.9                | Beaver Dams:                | <b>0</b>         |          |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u>     |                    | Affected length (ft.):      | <b>0.0</b>       |          |
|             | Erosion Length (ft.):          | <b>976.5</b>    | 5.2                | Migration Features          |                  |          |
|             | Erosion Height (ft.):          | <b>6.8</b>      | Flood Chutes:      | <b>6</b>                    |                  |          |
|             | Revetment Type:                | <b>Rip-Rap</b>  | Neck Cutoffs:      | <b>0</b>                    |                  |          |
|             | Revetment length               | <b>638.9</b>    | Channel Avulsions: | <b>0</b>                    |                  |          |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>2027</b>     | Braiding:          | <b>0</b>                    |                  |          |
| 3.3         | <u>Riparian Corridor</u>       | <u>Left</u>     | 5.3                | Steep Riffles and Head Cuts |                  |          |
|             | Mass Failures:                 | <b>612.89</b>   | Steep Riffles:     | <b>3</b>                    |                  |          |
|             | Average Height (ft.):          | <b>34.9</b>     | Head Cuts:         | <b>0</b>                    |                  |          |
|             | Mass Failures:                 | <b>Multiple</b> | 5.4                | Animal Crossings:           | <b>No</b>        |          |
|             | Average Heigh (ft.):           | <b>30.0</b>     | 5.5                | Channel Alterations         |                  |          |
|             | Gullies:                       | <b>None</b>     | Straightening:     | <b>Straightening</b>        |                  |          |
|             | Number of Gullies              | <b>0</b>        | Length (ft.):      | <b>1,897.2</b>              |                  |          |
|             | Total Length of Gullies (ft.): | <b>0.0</b>      | Dredging:          | <b>Gravel Mining</b>        |                  |          |
|             | Average Height of Gullies      |                 |                    |                             |                  |          |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M30 -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>126.8</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>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>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>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>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  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M30 -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>126.8</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>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>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>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>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  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M23T3.01S1.02 -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>994.1</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>500.9</b>    | <b>310.0</b>   |
|             | Erosion Height (ft.):          | <b>3.7</b>      | <b>4.9</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>68.43896</b> | <b>57.0123</b> |
|             | Average Height (ft.):          | <b>10.0</b>     | <b>10.0</b>    |
|             | Mass Failures:                 | <b>Multiple</b> |                |
|             | Average Heigh (ft.):           | <b>10.0</b>     |                |
|             | Gullies:                       | <b>One</b>      |                |
|             | Number of Gullies              | <b>1</b>        |                |
|             | Total Length of Gullies (ft.): | <b>250.0</b>    |                |
|             | Average Height of Gullies      | <b>10.0</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>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>With Windrowing</b> |
|             | Length (ft.):               | <b>821.3</b>           |
|             | Dredging:                   | <b>None</b>            |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M23T3.01 -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>378.6</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>174.6</b> <b>301.4</b>   |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u> <u>Right</u>    |
|             | Erosion Length (ft.):          | <b>168.8</b> <b>346.6</b>   |
|             | Erosion Height (ft.):          | <b>6.9</b> <b>3.2</b>       |
|             | Revetment Type:                | <b>None</b> <b>Multiple</b> |
|             | Revetment length               | <b>0.0</b> <b>182.4</b>     |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>0</b> <b>95</b>          |
| 3.3         | <u>Riparian Corridor</u>       | <u>Left</u> <u>Right</u>    |
|             | Mass Failures:                 | <b>31.83054</b>             |
|             | Average Height (ft.):          | <b>12.0</b>                 |
|             | Mass Failures:                 | <b>One</b>                  |
|             | Average Heigh (ft.):           | <b>12.0</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>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>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>4</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>1</b>                  |
|             | Head Cuts:                  | <b>1</b>                  |
| 5.4         | Animal Crossings:           | <b>No</b>                 |
| 5.5         | Channel Alterations         |                           |
|             | Straightening:              | <b>With Windrowing</b>    |
|             | Length (ft.):               | <b>3,272.1</b>            |
|             | Dredging:                   | <b>None</b>               |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M28T5.01 -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>120.8</b> | <b>114.3</b> |
|             | Erosion Height (ft.):          | <b>3.6</b>   | <b>3.7</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               | <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>  |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M28T5.02 -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>718.9</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>95.3</b> <b>61.8</b>    |
|             | Erosion Height (ft.):          | <b>3.7</b> <b>2.9</b>      |
|             | Revetment Type:                | <b>Rip-Rap</b> <b>None</b> |
|             | Revetment length               | <b>77.2</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>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>2</b>             |
|             | Head Cuts:                  | <b>0</b>             |
| 5.4         | Animal Crossings:           | <b>No</b>            |
| 5.5         | Channel Alterations         |                      |
|             | Straightening:              | <b>Straightening</b> |
|             | Length (ft.):               | <b>668.9</b>         |
|             | Dredging:                   | <b>None</b>          |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M23 -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>396.3</b>   | <b>1,376.8</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>61.6</b>    | <b>296.8</b>   |
|             | Erosion Height (ft.):          | <b>2.0</b>     | <b>3.8</b>     |
|             | Revetment Type:                | <b>Rip-Rap</b> | <b>None</b>    |
|             | Revetment length               | <b>742.3</b>   | <b>0.0</b>     |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>965</b>     | <b>196</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>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>1,835.3</b>       |
|             | Dredging:                   | <b>None</b>          |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M19 -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>982.5</b> <b>0.0</b>     |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u> <u>Right</u>    |
|             | Erosion Length (ft.):          | <b>365.5</b> <b>1,597.1</b> |
|             | Erosion Height (ft.):          | <b>3.0</b> <b>6.3</b>       |
|             | Revetment Type:                | <b>None</b> <b>Rip-Rap</b>  |
|             | Revetment length               | <b>0.0</b> <b>567.4</b>     |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>270</b> <b>918</b>       |
| 3.3         | <u>Riparian Corridor</u>       | <u>Left</u> <u>Right</u>    |
|             | Mass Failures:                 | <b>49.89</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>0.0</b>                  |
|             | Average Height of Gullies      | <b>4.0</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>4</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>8</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>3</b>                  |
|             | Head Cuts:                  | <b>0</b>                  |
| 5.4         | Animal Crossings:           | <b>No</b>                 |
| 5.5         | Channel Alterations         |                           |
|             | Straightening:              | <b>Straightening</b>      |
|             | Length (ft.):               | <b>3,074.3</b>            |
|             | Dredging:                   | <b>Gravel Mining</b>      |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M19 -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          | <b>0</b>                    | Road Ditch       | <b>1</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>982.5</b> | <b>0.0</b>     | Other                  | <b>0</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>365.5</b> | <b>1,597.1</b> |                        | Affected length (ft.):      | <b>0.0</b>       |          |
|             | Erosion Height (ft.):          | <b>3.0</b>   | <b>6.3</b>     | 5.2                    | Migration Features          |                  |          |
|             | Revetment Type:                | <b>None</b>  | <b>Rip-Rap</b> | Flood Chutes:          | <b>8</b>                    |                  |          |
|             | Revetment length               | <b>0.0</b>   | <b>567.4</b>   | Neck Cutoffs:          | <b>0</b>                    |                  |          |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>270</b>   | <b>918</b>     | Channel Avulsions:     | <b>0</b>                    |                  |          |
| 3.3         | <u>Riparian Corridor</u>       | <u>Left</u>  | <u>Right</u>   | Braiding:              | <b>0</b>                    |                  |          |
|             | Mass Failures:                 |              | <b>49.89</b>   | 5.3                    | Steep Riffles and Head Cuts |                  |          |
|             | Average Height (ft.):          |              | <b>10.0</b>    | Steep Riffles:         | <b>3</b>                    |                  |          |
|             | Mass Failures:                 | <b>One</b>   |                | Head Cuts:             | <b>0</b>                    |                  |          |
|             | Average Heigh (ft.):           | <b>10.0</b>  |                | 5.4                    | Animal Crossings:           | <b>No</b>        |          |
|             | Gullies:                       | <b>One</b>   |                | 5.5                    | Channel Alterations         |                  |          |
|             | Number of Gullies              | <b>1</b>     |                | Straightening:         | <b>Straightening</b>        |                  |          |
|             | Total Length of Gullies (ft.): | <b>0.0</b>   |                | Length (ft.):          | <b>3,074.3</b>              |                  |          |
|             | Average Height of Gullies      | <b>4.0</b>   |                | Dredging:              | <b>Gravel Mining</b>        |                  |          |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M26 -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>274.9</b> <b>0.0</b>    |
|             | Path Length (ft.):             | <b>0.0</b> <b>0.0</b>      |
|             | Road Length (ft.):             | <b>1,452.2</b> <b>0.0</b>  |
|             | Railroad Lenth (ft.):          | <b>0.0</b> <b>0.0</b>      |
|             | Development Length:            | <b>638.7</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>548.7</b>    |
|             | Erosion Height (ft.):          | <b>0.0</b> <b>8.7</b>      |
|             | Revetment Type:                | <b>Rip-Rap</b> <b>None</b> |
|             | Revetment length               | <b>31.7</b> <b>0.0</b>     |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>589</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>4</b>                           |
|             | Head Cuts:                  | <b>0</b>                           |
| 5.4         | Animal Crossings:           | <b>No</b>                          |
| 5.5         | Channel Alterations         |                                    |
|             | Straightening:              | <b>Straightening</b>               |
|             | Length (ft.):               | <b>1,684.1</b>                     |
|             | Dredging:                   | <b>None</b>                        |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M22 -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>3,921.7</b> <b>0.0</b>  |
|             | Railroad Lenth (ft.):          | <b>0.0</b> <b>0.0</b>      |
|             | Development Length:            | <b>3,634.5</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>640.5</b>    |
|             | Erosion Height (ft.):          | <b>0.0</b> <b>2.9</b>      |
|             | Revetment Type:                | <b>Rip-Rap</b> <b>None</b> |
|             | Revetment length               | <b>556.6</b> <b>0.0</b>    |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>846</b> <b>115</b>      |
| 3.3         | <u>Riparian Corridor</u>       | <u>Left</u> <u>Right</u>   |
|             | Mass Failures:                 | <b>139.15</b>              |
|             | Average Height (ft.):          | <b>20.0</b>                |
|             | Mass Failures:                 | <b>One</b>                 |
|             | Average Heigh (ft.):           | <b>20.0</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>0</b>                |
| 4.5         | Flow Regulation Type:       | <b>Small Withdrawal</b> |
|             | Use:                        | <b>Other</b>            |
| 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>3</b>                |
|             | Head Cuts:                  | <b>0</b>                |
| 5.4         | Animal Crossings:           | <b>Yes</b>              |
| 5.5         | Channel Alterations         |                         |
|             | Straightening:              | <b>Straightening</b>    |
|             | Length (ft.):               | <b>3,462.6</b>          |
|             | Dredging:                   | <b>Gravel Mining</b>    |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M28T5.03 -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>459.8</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>124.4</b> <b>201.6</b>     |
|             | Erosion Height (ft.):          | <b>2.6</b> <b>3.3</b>         |
|             | Revetment Type:                | <b>Rip-Rap</b> <b>Rip-Rap</b> |
|             | Revetment length               | <b>489.6</b> <b>350.2</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>88.96453</b>               |
|             | Average Height (ft.):          | <b>23.7</b>                   |
|             | Mass Failures:                 | <b>Multiple</b>               |
|             | Average Heigh (ft.):           | <b>20.7</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 <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>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>3</b>                  |
|             | Head Cuts:                  | <b>0</b>                  |
| 5.4         | Animal Crossings:           | <b>No</b>                 |
| 5.5         | Channel Alterations         |                           |
|             | Straightening:              | <b>Straightening</b>      |
|             | Length (ft.):               | <b>539.6</b>              |
|             | Dredging:                   | <b>None</b>               |



Phase 2 - FIT - Legacy Data Report

Ottauquechee

SGAT Version: 4.56

Reach: **M15 -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>93.7</b>     | <b>0.0</b>      |
|             | Railroad Lenth (ft.):          | <b>0.0</b>      | <b>0.0</b>      |
|             | Development Length:            | <b>243.7</b>    | <b>559.5</b>    |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u>     | <u>Right</u>    |
|             | Erosion Length (ft.):          | <b>303.3</b>    | <b>0.0</b>      |
|             | Erosion Height (ft.):          | <b>9.6</b>      | <b>0.0</b>      |
|             | Revetment Type:                | <b>Multiple</b> | <b>Multiple</b> |
|             | Revetment length               | <b>494.8</b>    | <b>617.8</b>    |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>522</b>      | <b>106</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>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>No</b>                 |
| 5.5         | Channel Alterations         |                           |
|             | Straightening:              | <b>Straightening</b>      |
|             | Length (ft.):               | <b>806.4</b>              |
|             | Dredging:                   | <b>None</b>               |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M15 -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>93.7</b>     | <b>0.0</b>      |
|             | Railroad Lenth (ft.):          | <b>0.0</b>      | <b>0.0</b>      |
|             | Development Length:            | <b>243.7</b>    | <b>559.5</b>    |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u>     | <u>Right</u>    |
|             | Erosion Length (ft.):          | <b>303.3</b>    | <b>0.0</b>      |
|             | Erosion Height (ft.):          | <b>9.6</b>      | <b>0.0</b>      |
|             | Revetment Type:                | <b>Multiple</b> | <b>Multiple</b> |
|             | Revetment length               | <b>494.8</b>    | <b>617.8</b>    |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>522</b>      | <b>106</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>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>806.4</b>              |
|             | Dredging:                   | <b>None</b>               |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M27 -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>2,279.4</b> <b>0.0</b>  |
|             | Railroad Lenth (ft.):          | <b>0.0</b> <b>0.0</b>      |
|             | Development Length:            | <b>0.0</b> <b>1,592.0</b>  |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u> <u>Right</u>   |
|             | Erosion Length (ft.):          | <b>700.9</b> <b>271.6</b>  |
|             | Erosion Height (ft.):          | <b>5.2</b> <b>4.3</b>      |
|             | Revetment Type:                | <b>Rip-Rap</b> <b>None</b> |
|             | Revetment length               | <b>198.4</b> <b>0.0</b>    |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>394</b> <b>97</b>       |
| 3.3         | <u>Riparian Corridor</u>       | <u>Left</u> <u>Right</u>   |
|             | Mass Failures:                 | <b>35.06</b>               |
|             | Average Height (ft.):          | <b>30.0</b>                |
|             | Mass Failures:                 | <b>One</b>                 |
|             | Average Heigh (ft.):           | <b>30.0</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>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>Straightening</b> |
|             | Length (ft.):               | <b>387.4</b>         |
|             | Dredging:                   | <b>None</b>          |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M27 -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>962.9</b>   | <b>0.0</b>     |
|             | Railroad Lenth (ft.):          | <b>0.0</b>     | <b>0.0</b>     |
|             | Development Length:            | <b>0.0</b>     | <b>1,175.4</b> |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u>    | <u>Right</u>   |
|             | Erosion Length (ft.):          | <b>454.5</b>   | <b>329.1</b>   |
|             | Erosion Height (ft.):          | <b>4.8</b>     | <b>4.0</b>     |
|             | Revetment Type:                | <b>Rip-Rap</b> | <b>None</b>    |
|             | Revetment length               | <b>459.3</b>   | <b>0.0</b>     |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>486</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>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>Straightening</b> |
|             | Length (ft.):               | <b>1,175.4</b>       |
|             | Dredging:                   | <b>None</b>          |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M27 -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>0.0</b> <b>0.0</b>      |
|             | Path Length (ft.):             | <b>0.0</b> <b>0.0</b>      |
|             | Road Length (ft.):             | <b>1,096.3</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>40.4</b>     |
|             | Erosion Height (ft.):          | <b>0.0</b> <b>3.0</b>      |
|             | Revetment Type:                | <b>Rip-Rap</b> <b>None</b> |
|             | Revetment length               | <b>1,096.3</b> <b>0.0</b>  |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>990</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>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>1,096.3</b>       |
|             | Dredging:                   | <b>None</b>          |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M21 -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>564.8</b>   | <b>990.9</b>   |
|             | Railroad Lenth (ft.):          | <b>0.0</b>     | <b>0.0</b>     |
|             | Development Length:            | <b>0.0</b>     | <b>1,393.3</b> |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u>    | <u>Right</u>   |
|             | Erosion Length (ft.):          | <b>205.8</b>   | <b>219.6</b>   |
|             | Erosion Height (ft.):          | <b>8.0</b>     | <b>2.6</b>     |
|             | Revetment Type:                | <b>Rip-Rap</b> | <b>Rip-Rap</b> |
|             | Revetment length               | <b>842.5</b>   | <b>380.2</b>   |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>925</b>     | <b>618</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>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>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>3</b>             |
|               | Head Cuts:                  | <b>0</b>             |
| 5.4           | Animal Crossings:           | <b>No</b>            |
| 5.5           | Channel Alterations         |                      |
|               | Straightening:              | <b>Straightening</b> |
|               | Length (ft.):               | <b>1,362.1</b>       |
|               | Dredging:                   | <b>None</b>          |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M23T3.01S1.01 -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>201.7</b> <b>0.0</b>         |
|             | Path Length (ft.):             | <b>0.0</b> <b>0.0</b>           |
|             | Road Length (ft.):             | <b>973.9</b> <b>0.0</b>         |
|             | Railroad Lenth (ft.):          | <b>0.0</b> <b>0.0</b>           |
|             | Development Length:            | <b>1,027.4</b> <b>0.0</b>       |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u> <u>Right</u>        |
|             | Erosion Length (ft.):          | <b>538.2</b> <b>213.3</b>       |
|             | Erosion Height (ft.):          | <b>4.0</b> <b>3.0</b>           |
|             | Revetment Type:                | <b>Multiple</b> <b>Multiple</b> |
|             | Revetment length               | <b>82.8</b> <b>77.6</b>         |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>1641</b> <b>1129</b>         |
| 3.3         | <u>Riparian Corridor</u>       | <u>Left</u> <u>Right</u>        |
|             | Mass Failures:                 | <b>59.00641</b>                 |
|             | Average Height (ft.):          | <b>20.0</b>                     |
|             | Mass Failures:                 | <b>One</b>                      |
|             | Average Heigh (ft.):           | <b>20.0</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>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>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>2</b>                           |
|             | Head Cuts:                  | <b>0</b>                           |
| 5.4         | Animal Crossings:           | <b>No</b>                          |
| 5.5         | Channel Alterations         |                                    |
|             | Straightening:              | <b>With Windrowing</b>             |
|             | Length (ft.):               | <b>1,631.3</b>                     |
|             | Dredging:                   | <b>None</b>                        |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M27 -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>995.5</b> <b>0.0</b>       |
|             | Railroad Lenth (ft.):          | <b>0.0</b> <b>0.0</b>         |
|             | Development Length:            | <b>479.5</b> <b>0.0</b>       |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u> <u>Right</u>      |
|             | Erosion Length (ft.):          | <b>183.3</b> <b>153.9</b>     |
|             | Erosion Height (ft.):          | <b>5.0</b> <b>4.0</b>         |
|             | Revetment Type:                | <b>Rip-Rap</b> <b>Rip-Rap</b> |
|             | Revetment length               | <b>130.0</b> <b>833.6</b>     |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>0</b> <b>817</b>           |
| 3.3         | <u>Riparian Corridor</u>       | <u>Left</u> <u>Right</u>      |
|             | Mass Failures:                 | <b>102.48</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>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>With Windrowing</b> |
|             | Length (ft.):               | <b>796.8</b>           |
|             | Dredging:                   | <b>None</b>            |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M20 -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>512.5</b>    | <b>2,223.4</b>   |
|             | Railroad Lenth (ft.):          | <b>0.0</b>      | <b>0.0</b>       |
|             | Development Length:            | <b>57.2</b>     | <b>2,027.4</b>   |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u>     | <u>Right</u>     |
|             | Erosion Length (ft.):          | <b>950.3</b>    | <b>518.4</b>     |
|             | Erosion Height (ft.):          | <b>3.3</b>      | <b>2.5</b>       |
|             | Revetment Type:                | <b>Multiple</b> | <b>Hard Bank</b> |
|             | Revetment length               | <b>724.0</b>    | <b>40.0</b>      |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>2115</b>     | <b>401</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>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>5</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>5</b>                  |
|             | Head Cuts:                  | <b>0</b>                  |
| 5.4         | Animal Crossings:           | <b>No</b>                 |
| 5.5         | Channel Alterations         |                           |
|             | Straightening:              | <b>Straightening</b>      |
|             | Length (ft.):               | <b>2,803.4</b>            |
|             | Dredging:                   | <b>Dredging</b>           |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M20 -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>512.5</b>    | <b>2,223.4</b>   |
|             | Railroad Lenth (ft.):          | <b>0.0</b>      | <b>0.0</b>       |
|             | Development Length:            | <b>57.2</b>     | <b>2,027.4</b>   |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u>     | <u>Right</u>     |
|             | Erosion Length (ft.):          | <b>950.3</b>    | <b>518.4</b>     |
|             | Erosion Height (ft.):          | <b>3.3</b>      | <b>2.5</b>       |
|             | Revetment Type:                | <b>Multiple</b> | <b>Hard Bank</b> |
|             | Revetment length               | <b>724.0</b>    | <b>40.0</b>      |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>2115</b>     | <b>401</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>5</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>5</b>             |
|             | Head Cuts:                  | <b>0</b>             |
| 5.4         | Animal Crossings:           | <b>No</b>            |
| 5.5         | Channel Alterations         |                      |
|             | Straightening:              | <b>Straightening</b> |
|             | Length (ft.):               | <b>2,803.4</b>       |
|             | Dredging:                   | <b>Dredging</b>      |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M23T3.01S1.02 -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>2,697.1</b> <b>399.8</b>    |
|             | Path Length (ft.):             | <b>0.0</b> <b>0.0</b>          |
|             | Road Length (ft.):             | <b>5,089.0</b> <b>0.0</b>      |
|             | Railroad Lenth (ft.):          | <b>0.0</b> <b>0.0</b>          |
|             | Development Length:            | <b>679.2</b> <b>0.0</b>        |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u> <u>Right</u>       |
|             | Erosion Length (ft.):          | <b>1,114.5</b> <b>1,501.7</b>  |
|             | Erosion Height (ft.):          | <b>3.2</b> <b>2.9</b>          |
|             | Revetment Type:                | <b>Rip-Rap</b> <b>Multiple</b> |
|             | Revetment length               | <b>827.3</b> <b>179.2</b>      |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>3858</b> <b>1257</b>        |
| 3.3         | <u>Riparian Corridor</u>       | <u>Left</u> <u>Right</u>       |
|             | Mass Failures:                 | <b>399.7267</b>                |
|             | Average Height (ft.):          | <b>11.2</b>                    |
|             | Mass Failures:                 | <b>Multiple</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>0</b>                  |
| 4.5         | Flow Regulation Type:       | <b>None</b>               |
|             | Use:                        |                           |
| 4.7         | Stormwater Inputs           |                           |
|             | Overland Flow <b>3</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>3</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>With Windrowing</b>    |
|             | Length (ft.):               | <b>4,603.3</b>            |
|             | Dredging:                   | <b>None</b>               |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M23T3.01S1.02 -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>2,697.1</b> <b>399.8</b>    |
|             | Path Length (ft.):             | <b>0.0</b> <b>0.0</b>          |
|             | Road Length (ft.):             | <b>5,089.0</b> <b>0.0</b>      |
|             | Railroad Lenth (ft.):          | <b>0.0</b> <b>0.0</b>          |
|             | Development Length:            | <b>679.2</b> <b>0.0</b>        |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u> <u>Right</u>       |
|             | Erosion Length (ft.):          | <b>1,114.5</b> <b>1,501.7</b>  |
|             | Erosion Height (ft.):          | <b>3.2</b> <b>2.9</b>          |
|             | Revetment Type:                | <b>Rip-Rap</b> <b>Multiple</b> |
|             | Revetment length               | <b>827.3</b> <b>179.2</b>      |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>3858</b> <b>1257</b>        |
| 3.3         | <u>Riparian Corridor</u>       | <u>Left</u> <u>Right</u>       |
|             | Mass Failures:                 | <b>399.7267</b>                |
|             | Average Height (ft.):          | <b>11.2</b>                    |
|             | Mass Failures:                 | <b>Multiple</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>0</b>                           |
| 4.5         | Flow Regulation Type:       | <b>None</b>                        |
|             | Use:                        |                                    |
| 4.7         | Stormwater Inputs           |                                    |
|             | Overland Flow               | <b>0</b> Road Ditch <b>4</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>3</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>With Windrowing</b>             |
|             | Length (ft.):               | <b>4,603.3</b>                     |
|             | Dredging:                   | <b>None</b>                        |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M21 -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>3,184.6</b> | <b>0.0</b>   |
|             | Railroad Lenth (ft.):          | <b>0.0</b>     | <b>0.0</b>   |
|             | Development Length:            | <b>2,306.4</b> | <b>0.0</b>   |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u>    | <u>Right</u> |
|             | Erosion Length (ft.):          | <b>880.4</b>   | <b>830.3</b> |
|             | Erosion Height (ft.):          | <b>1.1</b>     | <b>3.1</b>   |
|             | Revetment Type:                | <b>Rip-Rap</b> | <b>None</b>  |
|             | Revetment length               | <b>326.9</b>   | <b>0.0</b>   |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>2516</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>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>2</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>5</b>                  |
|             | Head Cuts:                  | <b>0</b>                  |
| 5.4         | Animal Crossings:           | <b>No</b>                 |
| 5.5         | Channel Alterations         |                           |
|             | Straightening:              | <b>Straightening</b>      |
|             | Length (ft.):               | <b>3,184.6</b>            |
|             | Dredging:                   | <b>None</b>               |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M21 -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>3,184.6</b> | <b>0.0</b>   |
|             | Railroad Lenth (ft.):          | <b>0.0</b>     | <b>0.0</b>   |
|             | Development Length:            | <b>2,306.4</b> | <b>0.0</b>   |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u>    | <u>Right</u> |
|             | Erosion Length (ft.):          | <b>880.4</b>   | <b>830.3</b> |
|             | Erosion Height (ft.):          | <b>1.1</b>     | <b>3.1</b>   |
|             | Revetment Type:                | <b>Rip-Rap</b> | <b>None</b>  |
|             | Revetment length               | <b>326.9</b>   | <b>0.0</b>   |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>2516</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>2</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>5</b>                  |
|             | Head Cuts:                  | <b>0</b>                  |
| 5.4         | Animal Crossings:           | <b>No</b>                 |
| 5.5         | Channel Alterations         |                           |
|             | Straightening:              | <b>Straightening</b>      |
|             | Length (ft.):               | <b>3,184.6</b>            |
|             | Dredging:                   | <b>None</b>               |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M30 -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>47.9</b>  |
|             | Erosion Height (ft.):          | <b>0.0</b>   | <b>6.1</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:                 |              |              |
|             | 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>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>      |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M18 -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>493.5</b>    | <b>0.0</b>      |
|             | Path Length (ft.):             | <b>0.0</b>      | <b>0.0</b>      |
|             | Road Length (ft.):             | <b>1,854.9</b>  | <b>0.0</b>      |
|             | Railroad Lenth (ft.):          | <b>0.0</b>      | <b>0.0</b>      |
|             | Development Length:            | <b>0.0</b>      | <b>2,867.9</b>  |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u>     | <u>Right</u>    |
|             | Erosion Length (ft.):          | <b>707.8</b>    | <b>1,010.9</b>  |
|             | Erosion Height (ft.):          | <b>3.2</b>      | <b>3.7</b>      |
|             | Revetment Type:                | <b>Multiple</b> | <b>Multiple</b> |
|             | Revetment length               | <b>618.1</b>    | <b>299.8</b>    |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>2740</b>     | <b>559</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>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>17</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>6</b>                  |
|             | Head Cuts:                  | <b>0</b>                  |
| 5.4         | Animal Crossings:           | <b>No</b>                 |
| 5.5         | Channel Alterations         |                           |
|             | Straightening:              | <b>Straightening</b>      |
|             | Length (ft.):               | <b>4,474.4</b>            |
|             | Dredging:                   | <b>None</b>               |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M18 -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>493.5</b>    | <b>0.0</b>      |
|             | Path Length (ft.):             | <b>0.0</b>      | <b>0.0</b>      |
|             | Road Length (ft.):             | <b>1,854.9</b>  | <b>0.0</b>      |
|             | Railroad Lenth (ft.):          | <b>0.0</b>      | <b>0.0</b>      |
|             | Development Length:            | <b>0.0</b>      | <b>2,867.9</b>  |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u>     | <u>Right</u>    |
|             | Erosion Length (ft.):          | <b>707.8</b>    | <b>1,010.9</b>  |
|             | Erosion Height (ft.):          | <b>3.2</b>      | <b>3.7</b>      |
|             | Revetment Type:                | <b>Multiple</b> | <b>Multiple</b> |
|             | Revetment length               | <b>618.1</b>    | <b>299.8</b>    |
| 3.2         | <u>Buffer Less Than 25 ft.</u> | <b>2740</b>     | <b>559</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>17</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>6</b>                  |
|             | Head Cuts:                  | <b>0</b>                  |
| 5.4         | Animal Crossings:           | <b>No</b>                 |
| 5.5         | Channel Alterations         |                           |
|             | Straightening:              | <b>Straightening</b>      |
|             | Length (ft.):               | <b>4,474.4</b>            |
|             | Dredging:                   | <b>None</b>               |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
April, 08 2026

## Phase 2 - FIT - Legacy Data Report

## Ottauquechee

SGAT Version: **4.56**

Reach: **M30 -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>451.2</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>131.9</b> | <b>99.1</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>0</b>     | <b>136</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>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>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>               |