



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
June, 17 2026

## Phase 2 - FIT - Legacy Data Report

## Stonebridge Brook

SGAT Version: **4.53**

Reach: **M02 -B**

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

| <u>Step</u> | <u>Description</u>          | <u>Value</u> |
|-------------|-----------------------------|--------------|
| 4.4         | Number of Debris Jams:      | <b>0</b>     |
| 4.7         | Stormwater Inputs           | <b>0</b>     |
| 4.9         | Beaver Dams:                | <b>3</b>     |
|             | Affected length:            | <b>5200</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>  |
|             | Dredging:                   | <b>None</b>  |



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SGAT Version: **4.53**

Reach: **M02 -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>97.0</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>759.5</b> | <b>804.1</b> |
|             | Erosion Height (ft.):          | <b>1.9</b>   | <b>1.9</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> |              |              |
| 3.3         | <u>Riparian Corridor</u>       |              |              |
|             | Mass Failures:                 | <b>None</b>  |              |
|             | Average Height (ft.):          | <b>0.0</b>   |              |
|             | Gullies:                       | <b>None</b>  |              |
|             | Average Height (ft.):          | <b>0.0</b>   |              |

| <u>Step</u> | <u>Description</u>          | <u>Value</u> |
|-------------|-----------------------------|--------------|
| 4.4         | Number of Debris Jams:      | <b>5</b>     |
| 4.7         | Stormwater Inputs           | <b>0</b>     |
| 4.9         | Beaver Dams:                | <b>3</b>     |
|             | Affected length:            | <b>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>  |
|             | Dredging:                   | <b>None</b>  |



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Stonebridge Brook

SGAT Version: 4.53

Reach: **M2S2.01 -A**

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

| <u>Step</u> | <u>Description</u>          | <u>Value</u> |
|-------------|-----------------------------|--------------|
| 4.4         | Number of Debris Jams:      |              |
| 4.7         | Stormwater Inputs           |              |
| 4.9         | Beaver Dams:                |              |
|             | Affected length:            |              |
| 5.2         | Migration Features          |              |
|             | Flood Chutes:               |              |
|             | Neck Cutoffs:               |              |
|             | Channel Avulsions:          |              |
|             | Braiding:                   |              |
| 5.3         | Steep Riffles and Head Cuts |              |
|             | Steep Riffles:              |              |
|             | Head Cuts:                  |              |
| 5.4         | Animal Crossings:           |              |
| 5.5         | Channel Alterations         |              |
|             | Straightening:              |              |
|             | Dredging:                   |              |



Phase 2 - FIT - Legacy Data Report

Stonebridge Brook

SGAT Version: 4.53

Reach: **M5S1.01 -A**

| <u>Step</u> | <u>Description</u>             | <u>Value</u>    |              |
|-------------|--------------------------------|-----------------|--------------|
| 1.2         | Alluvial Fan:                  | <b>None</b>     |              |
| 1.3         | <u>Encroachments - Side</u>    | <u>One</u>      | <u>Both</u>  |
|             | Berm Length (ft.):             | <b>0.0</b>      | <b>0.0</b>   |
|             | Path Length (ft.):             | <b>0.0</b>      | <b>0.0</b>   |
|             | Road Length (ft.):             | <b>0.0</b>      | <b>0.0</b>   |
|             | Railroad Lenth (ft.):          | <b>0.0</b>      | <b>0.0</b>   |
|             | Development Length:            | <b>0.0</b>      | <b>0.0</b>   |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u>     | <u>Right</u> |
|             | Erosion Length (ft.):          | <b>204.4</b>    | <b>425.2</b> |
|             | Erosion Height (ft.):          | <b>1.7</b>      | <b>2.1</b>   |
|             | Revetment Type:                | <b>None</b>     | <b>None</b>  |
|             | Revetment length:              | <b>0.0</b>      | <b>0.0</b>   |
| 3.2         | <u>Buffer Less Than 25 ft.</u> |                 |              |
| 3.3         | <u>Riparian Corridor</u>       |                 |              |
|             | Mass Failures:                 | <b>Multiple</b> |              |
|             | Average Height (ft.):          | <b>8.4</b>      |              |
|             | Gullies:                       | <b>None</b>     |              |
|             | Average Height (ft.):          | <b>0.0</b>      |              |

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



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SGAT Version: **4.53**

Reach: **M5S1.01 -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>643.6</b>    | <b>0.0</b>   |
|             | Railroad Lenth (ft.):          | <b>0.0</b>      | <b>0.0</b>   |
|             | Development Length:            | <b>530.1</b>    | <b>0.0</b>   |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u>     | <u>Right</u> |
|             | Erosion Length (ft.):          | <b>27.6</b>     | <b>0.0</b>   |
|             | Erosion Height (ft.):          | <b>2.0</b>      | <b>0.0</b>   |
|             | Revetment Type:                | <b>None</b>     | <b>None</b>  |
|             | Revetment length:              | <b>0.0</b>      | <b>0.0</b>   |
| 3.2         | <u>Buffer Less Than 25 ft.</u> |                 |              |
| 3.3         | <u>Riparian Corridor</u>       |                 |              |
|             | Mass Failures:                 | <b>Multiple</b> |              |
|             | Average Height (ft.):          | <b>3.5</b>      |              |
|             | Gullies:                       | <b>None</b>     |              |
|             | Average Height (ft.):          | <b>0.0</b>      |              |

| <u>Step</u> | <u>Description</u>          | <u>Value</u> |
|-------------|-----------------------------|--------------|
| 4.4         | Number of Debris Jams:      | <b>0</b>     |
| 4.7         | Stormwater Inputs           | <b>0</b>     |
| 4.9         | Beaver Dams:                | <b>0</b>     |
|             | Affected length:            | <b>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>1</b>     |
| 5.4         | Animal Crossings:           | <b>Yes</b>   |
| 5.5         | Channel Alterations         |              |
|             | Straightening:              | <b>None</b>  |
|             | Dredging:                   | <b>None</b>  |



Phase 2 - FIT - Legacy Data Report

Stonebridge Brook

SGAT Version: 4.53

Reach: **M2S2.01 -B**

| <u>Step</u> | <u>Description</u>             | <u>Value</u> |              |
|-------------|--------------------------------|--------------|--------------|
| 1.2         | Alluvial Fan:                  | <b>None</b>  |              |
| 1.3         | <u>Encroachments - Side</u>    | <u>One</u>   | <u>Both</u>  |
|             | Berm Length (ft.):             | <b>0.0</b>   | <b>0.0</b>   |
|             | Path Length (ft.):             | <b>0.0</b>   | <b>0.0</b>   |
|             | Road Length (ft.):             | <b>0.0</b>   | <b>0.0</b>   |
|             | Railroad Lenth (ft.):          | <b>0.0</b>   | <b>0.0</b>   |
|             | Development Length:            | <b>0.0</b>   | <b>0.0</b>   |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u>  | <u>Right</u> |
|             | Erosion Length (ft.):          | <b>0.0</b>   | <b>190.0</b> |
|             | Erosion Height (ft.):          | <b>0.0</b>   | <b>3.0</b>   |
|             | Revetment Type:                | <b>None</b>  | <b>None</b>  |
|             | Revetment length:              | <b>0.0</b>   | <b>0.0</b>   |
| 3.2         | <u>Buffer Less Than 25 ft.</u> |              |              |
| 3.3         | <u>Riparian Corridor</u>       |              |              |
|             | Mass Failures:                 | <b>None</b>  |              |
|             | Average Height (ft.):          | <b>0.0</b>   |              |
|             | Gullies:                       | <b>None</b>  |              |
|             | Average Height (ft.):          | <b>0.0</b>   |              |

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



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## Phase 2 - FIT - Legacy Data Report

## Stonebridge Brook

SGAT Version: **4.53**

Reach: **M2S2.01 -D**

| <u>Step</u> | <u>Description</u>             | <u>Value</u> |              |
|-------------|--------------------------------|--------------|--------------|
| 1.2         | Alluvial Fan:                  | <b>None</b>  |              |
| 1.3         | <u>Encroachments - Side</u>    | <u>One</u>   | <u>Both</u>  |
|             | Berm Length (ft.):             | <b>0.0</b>   | <b>0.0</b>   |
|             | Path Length (ft.):             | <b>0.0</b>   | <b>0.0</b>   |
|             | Road Length (ft.):             | <b>0.0</b>   | <b>0.0</b>   |
|             | Railroad Lenth (ft.):          | <b>0.0</b>   | <b>0.0</b>   |
|             | Development Length:            | <b>484.6</b> | <b>290.1</b> |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u>  | <u>Right</u> |
|             | Erosion Length (ft.):          | <b>0.0</b>   | <b>0.0</b>   |
|             | Erosion Height (ft.):          | <b>0.0</b>   | <b>0.0</b>   |
|             | Revetment Type:                | <b>None</b>  | <b>None</b>  |
|             | Revetment length:              | <b>0.0</b>   | <b>0.0</b>   |
| 3.2         | <u>Buffer Less Than 25 ft.</u> |              |              |
| 3.3         | <u>Riparian Corridor</u>       |              |              |
|             | Mass Failures:                 | <b>None</b>  |              |
|             | Average Height (ft.):          | <b>0.0</b>   |              |
|             | Gullies:                       | <b>None</b>  |              |
|             | Average Height (ft.):          | <b>0.0</b>   |              |

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



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## Phase 2 - FIT - Legacy Data Report

## Stonebridge Brook

SGAT Version: **4.53**

Reach: **M06 -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>  | 4.7         | Stormwater Inputs           | <b>0</b>     |
|             | Berm Length (ft.):             | <b>0.0</b>   | <b>0.0</b>   | 4.9         | Beaver Dams:                | <b>0</b>     |
|             | Path Length (ft.):             | <b>0.0</b>   | <b>0.0</b>   |             | Affected length:            | <b>0</b>     |
|             | Road Length (ft.):             | <b>81.0</b>  | <b>0.0</b>   | 5.2         | Migration Features          |              |
|             | Railroad Lenth (ft.):          | <b>0.0</b>   | <b>0.0</b>   |             | Flood Chutes:               | <b>0</b>     |
|             | Development Length:            | <b>0.0</b>   | <b>0.0</b>   |             | Neck Cutoffs:               | <b>0</b>     |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u>  | <u>Right</u> |             | Channel Avulsions:          | <b>0</b>     |
|             | Erosion Length (ft.):          | <b>0.0</b>   | <b>0.0</b>   |             | Braiding:                   | <b>0</b>     |
|             | Erosion Height (ft.):          | <b>0.0</b>   | <b>0.0</b>   | 5.3         | Steep Riffles and Head Cuts |              |
|             | Revetment Type:                | <b>None</b>  | <b>None</b>  |             | Steep Riffles:              | <b>0</b>     |
|             | Revetment length:              | <b>0.0</b>   | <b>0.0</b>   |             | Head Cuts:                  | <b>0</b>     |
| 3.2         | <u>Buffer Less Than 25 ft.</u> |              |              | 5.4         | Animal Crossings:           | <b>No</b>    |
| 3.3         | <u>Riparian Corridor</u>       |              |              | 5.5         | Channel Alterations         |              |
|             | Mass Failures:                 | <b>None</b>  |              |             | Straightening:              | <b>None</b>  |
|             | Average Height (ft.):          | <b>0.0</b>   |              |             | Dredging:                   | <b>None</b>  |
|             | Gullies:                       | <b>None</b>  |              |             |                             |              |
|             | Average Height (ft.):          | <b>0.0</b>   |              |             |                             |              |



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## Stonebridge Brook

SGAT Version: **4.53**

Reach: **M03 -B**

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

| <u>Step</u> | <u>Description</u>          | <u>Value</u> |
|-------------|-----------------------------|--------------|
| 4.4         | Number of Debris Jams:      | <b>0</b>     |
| 4.7         | Stormwater Inputs           | <b>0</b>     |
| 4.9         | Beaver Dams:                | <b>4</b>     |
|             | Affected length:            | <b>0</b>     |
| 5.2         | Migration Features          |              |
|             | Flood Chutes:               | <b>0</b>     |
|             | Neck Cutoffs:               | <b>1</b>     |
|             | Channel Avulsions:          | <b>0</b>     |
|             | Braiding:                   | <b>0</b>     |
| 5.3         | Steep Riffles and Head Cuts |              |
|             | Steep Riffles:              | <b>0</b>     |
|             | Head Cuts:                  | <b>0</b>     |
| 5.4         | Animal Crossings:           | <b>No</b>    |
| 5.5         | Channel Alterations         |              |
|             | Straightening:              | <b>None</b>  |
|             | Dredging:                   | <b>None</b>  |



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## Stonebridge Brook

SGAT Version: **4.53**

Reach: **M04 -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>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>33.4</b>  | <b>0.0</b>   |
|             | Erosion Height (ft.):          | <b>2.0</b>   | <b>0.0</b>   |
|             | Revetment Type:                | <b>None</b>  | <b>None</b>  |
|             | Revetment length:              | <b>0.0</b>   | <b>0.0</b>   |
| 3.2         | <u>Buffer Less Than 25 ft.</u> |              |              |
| 3.3         | <u>Riparian Corridor</u>       |              |              |
|             | Mass Failures:                 | <b>None</b>  |              |
|             | Average Height (ft.):          | <b>0.0</b>   |              |
|             | Gullies:                       | <b>None</b>  |              |
|             | Average Height (ft.):          | <b>0.0</b>   |              |

| <u>Step</u> | <u>Description</u>          | <u>Value</u> |
|-------------|-----------------------------|--------------|
| 4.4         | Number of Debris Jams:      | <b>1</b>     |
| 4.7         | Stormwater Inputs           | <b>0</b>     |
| 4.9         | Beaver Dams:                | <b>4</b>     |
|             | Affected length:            | <b>200</b>   |
| 5.2         | Migration Features          |              |
|             | Flood Chutes:               | <b>0</b>     |
|             | Neck Cutoffs:               | <b>0</b>     |
|             | Channel Avulsions:          | <b>1</b>     |
|             | Braiding:                   | <b>0</b>     |
| 5.3         | Steep Riffles and Head Cuts |              |
|             | Steep Riffles:              | <b>0</b>     |
|             | Head Cuts:                  | <b>0</b>     |
| 5.4         | Animal Crossings:           | <b>No</b>    |
| 5.5         | Channel Alterations         |              |
|             | Straightening:              | <b>None</b>  |
|             | Dredging:                   | <b>None</b>  |



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## Stonebridge Brook

SGAT Version: **4.53**

Reach: **M2S2.01 -C**

| <u>Step</u> | <u>Description</u>             | <u>Value</u> |              |
|-------------|--------------------------------|--------------|--------------|
| 1.2         | Alluvial Fan:                  | <b>None</b>  |              |
| 1.3         | <u>Encroachments - Side</u>    | <u>One</u>   | <u>Both</u>  |
|             | Berm Length (ft.):             | <b>0.0</b>   | <b>0.0</b>   |
|             | Path Length (ft.):             | <b>0.0</b>   | <b>0.0</b>   |
|             | Road Length (ft.):             | <b>0.0</b>   | <b>0.0</b>   |
|             | Railroad Lenth (ft.):          | <b>0.0</b>   | <b>0.0</b>   |
|             | Development Length:            | <b>304.6</b> | <b>0.0</b>   |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u>  | <u>Right</u> |
|             | Erosion Length (ft.):          | <b>0.0</b>   | <b>95.2</b>  |
|             | Erosion Height (ft.):          | <b>0.0</b>   | <b>1.6</b>   |
|             | Revetment Type:                | <b>None</b>  | <b>None</b>  |
|             | Revetment length:              | <b>0.0</b>   | <b>0.0</b>   |
| 3.2         | <u>Buffer Less Than 25 ft.</u> |              |              |
| 3.3         | <u>Riparian Corridor</u>       |              |              |
|             | Mass Failures:                 | <b>One</b>   |              |
|             | Average Height (ft.):          | <b>75.0</b>  |              |
|             | Gullies:                       | <b>None</b>  |              |
|             | Average Height (ft.):          | <b>0.0</b>   |              |

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



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## Stonebridge Brook

SGAT Version: **4.53**

Reach: **M06 -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>278.6</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>197.7</b>     | <b>195.9</b>    |
|             | Erosion Height (ft.):          | <b>1.5</b>       | <b>1.5</b>      |
|             | Revetment Type:                | <b>Hard Bank</b> | <b>Multiple</b> |
|             | Revetment length:              | <b>22.3</b>      | <b>79.5</b>     |
| 3.2         | <u>Buffer Less Than 25 ft.</u> |                  |                 |
| 3.3         | <u>Riparian Corridor</u>       |                  |                 |
|             | Mass Failures:                 | <b>None</b>      |                 |
|             | Average Height (ft.):          | <b>0.0</b>       |                 |
|             | Gullies:                       | <b>None</b>      |                 |
|             | Average Height (ft.):          | <b>0.0</b>       |                 |

| <u>Step</u> | <u>Description</u>          | <u>Value</u>         |
|-------------|-----------------------------|----------------------|
| 4.4         | Number of Debris Jams:      | <b>0</b>             |
| 4.7         | Stormwater Inputs           | <b>0</b>             |
| 4.9         | Beaver Dams:                | <b>0</b>             |
|             | Affected length:            | <b>0</b>             |
| 5.2         | Migration Features          |                      |
|             | Flood Chutes:               | <b>1</b>             |
|             | Neck Cutoffs:               | <b>0</b>             |
|             | Channel Avulsions:          | <b>0</b>             |
|             | Braiding:                   | <b>0</b>             |
| 5.3         | Steep Riffles and Head Cuts |                      |
|             | Steep Riffles:              | <b>0</b>             |
|             | Head Cuts:                  | <b>0</b>             |
| 5.4         | Animal Crossings:           | <b>Yes</b>           |
| 5.5         | Channel Alterations         |                      |
|             | Straightening:              | <b>Straightening</b> |
|             | Dredging:                   | <b>None</b>          |



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Stonebridge Brook

SGAT Version: 4.53

Reach: **M03 -A**

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

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



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## Stonebridge Brook

SGAT Version: **4.53**

Reach: **M05 -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>1</b>     |
| 1.3         | <u>Encroachments - Side</u>    | <u>One</u>   | <u>Both</u>  | 4.7         | Stormwater Inputs           | <b>0</b>     |
|             | Berm Length (ft.):             | <b>0.0</b>   | <b>0.0</b>   | 4.9         | Beaver Dams:                | <b>0</b>     |
|             | Path Length (ft.):             | <b>0.0</b>   | <b>0.0</b>   |             | Affected length:            | <b>0</b>     |
|             | Road Length (ft.):             | <b>0.0</b>   | <b>0.0</b>   | 5.2         | Migration Features          |              |
|             | Railroad Lenth (ft.):          | <b>0.0</b>   | <b>0.0</b>   |             | Flood Chutes:               | <b>2</b>     |
|             | Development Length:            | <b>0.0</b>   | <b>0.0</b>   |             | Neck Cutoffs:               | <b>0</b>     |
| 3.1         | <u>Erosion - Bank</u>          | <u>Left</u>  | <u>Right</u> |             | Channel Avulsions:          | <b>0</b>     |
|             | Erosion Length (ft.):          | <b>342.3</b> | <b>144.2</b> |             | Braiding:                   | <b>0</b>     |
|             | Erosion Height (ft.):          | <b>2.9</b>   | <b>2.4</b>   | 5.3         | Steep Riffles and Head Cuts |              |
|             | Revetment Type:                | <b>None</b>  | <b>None</b>  |             | Steep Riffles:              | <b>0</b>     |
|             | Revetment length:              | <b>0.0</b>   | <b>0.0</b>   |             | Head Cuts:                  | <b>2</b>     |
| 3.2         | <u>Buffer Less Than 25 ft.</u> |              |              | 5.4         | Animal Crossings:           | <b>No</b>    |
| 3.3         | <u>Riparian Corridor</u>       |              |              | 5.5         | Channel Alterations         |              |
|             | Mass Failures:                 | <b>None</b>  |              |             | Straightening:              | <b>None</b>  |
|             | Average Height (ft.):          | <b>0.0</b>   |              |             | Dredging:                   | <b>None</b>  |
|             | Gullies:                       | <b>None</b>  |              |             |                             |              |
|             | Average Height (ft.):          | <b>0.0</b>   |              |             |                             |              |