



Phase 1 - FIT - Legacy Data Report

Mill Brook - Basin 13

SGAT Version: 4.56

Reach: **M01**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>   |                |
|-------------|---------------------------|----------------|----------------|
| 3.1         | Alluvial Fan:             | <b>None</b>    |                |
| 3.2         | Grade Control:            | <b>Ledge</b>   |                |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>    | <u>Right</u>   |
|             |                           | <b>1481</b>    | <b>735</b>     |
| 5.1         | Flow Regulation - Type:   | <b>None</b>    |                |
|             | Use:                      |                |                |
| 5.2         | # of Bridges or Culverts: | <b>2</b>       |                |
|             | Total Length:             | <b>65.000</b>  |                |
| 5.3         | Armoring Length           | <u>Left</u>    | <u>Right</u>   |
|             |                           | <b>0.00000</b> | <b>0.00000</b> |
|             | Data Armoring:            | <b>None</b>    |                |
| 5.4         | Straightening Length:     | <b>0.00000</b> |                |
|             | Straightening Data:       | <b>None</b>    |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>    |                   |
|-------------|----------------------------|-----------------|-------------------|
| 5.5         | Dredging History:          | <b>None</b>     |                   |
| 6.1         | Berms & Roads Data:        | <u>One Side</u> | <u>Both Sides</u> |
|             | Berms & Roads:             | <b>0.0000</b>   | <b>0.0000</b>     |
|             | Berm:                      | <b>0.0000</b>   | <b>0.0000</b>     |
|             | Path:                      | <b>0.000</b>    | <b>0.000</b>      |
|             | Road:                      | <b>460.7025</b> | <b>0.00000</b>    |
|             | Railroad:                  | <b>0.0000</b>   | <b>0.00</b>       |
| 6.2         | Corridor Development Data: |                 |                   |
|             | Length:                    | <b>759.4104</b> | <b>594.2781</b>   |
| 6.4         | Miander Migration:         | <b>None</b>     |                   |
|             |                            | <u>Old</u>      | <u>New</u>        |
| 7.2         | Bank Erosion:              | <b>None</b>     | <b>0.0000000</b>  |
|             | Bank Height:               | <b>N.D.</b>     | <b>0.000</b>      |

Reach: **M02**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>      |                |
|-------------|---------------------------|-------------------|----------------|
| 3.1         | Alluvial Fan:             | <b>None</b>       |                |
| 3.2         | Grade Control:            | <b>Ledge</b>      |                |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>       | <u>Right</u>   |
|             |                           | <b>101</b>        | <b>1601</b>    |
| 5.1         | Flow Regulation - Type:   | <b>None</b>       |                |
|             | Use:                      |                   |                |
| 5.2         | # of Bridges or Culverts: | <b>4</b>          |                |
|             | Total Length:             | <b>125.000</b>    |                |
| 5.3         | Armoring Length           | <u>Left</u>       | <u>Right</u>   |
|             |                           | <b>1057.07</b>    | <b>737.102</b> |
|             |                           | <b>739</b>        | <b>97</b>      |
|             | Data Armoring:            |                   |                |
| 5.4         | Straightening Length:     | <b>1390.16431</b> |                |
|             | Straightening Data:       |                   |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>     |                    |
|-------------|----------------------------|------------------|--------------------|
| 5.5         | Dredging History:          | <b>None</b>      |                    |
| 6.1         | Berms & Roads Data:        | <u>One Side</u>  | <u>Both Sides</u>  |
|             | Berms & Roads:             | <b>0.0000</b>    | <b>0.0000</b>      |
|             | Berm:                      | <b>0.0000</b>    | <b>0.0000</b>      |
|             | Path:                      | <b>0.000</b>     | <b>0.000</b>       |
|             | Road:                      | <b>85.0990</b>   | <b>0.00000</b>     |
|             | Railroad:                  | <b>0.0000</b>    | <b>0.00</b>        |
| 6.2         | Corridor Development Data: |                  |                    |
|             | Length:                    | <b>1815.4337</b> | <b>1500.7705</b>   |
| 6.4         | Miander Migration:         | <b>Multiple</b>  |                    |
|             |                            | <u>Old</u>       | <u>New</u>         |
| 7.2         | Bank Erosion:              | <b>None</b>      | <b>571.3728638</b> |
|             | Bank Height:               | <b>N.D.</b>      | <b>5.750</b>       |



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Reach: **M04**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>     |                |
|-------------|---------------------------|------------------|----------------|
| 3.1         | Alluvial Fan:             | <b>None</b>      |                |
| 3.2         | Grade Control:            | <b>None</b>      |                |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>      | <u>Right</u>   |
|             |                           | <b>1560</b>      | <b>1986</b>    |
| 5.1         | Flow Regulation - Type:   | <b>None</b>      |                |
|             | Use:                      |                  |                |
| 5.2         | # of Bridges or Culverts: | <b>2</b>         |                |
|             | Total Length:             | <b>132.000</b>   |                |
| 5.3         | Armoring Length           | <u>Left</u>      | <u>Right</u>   |
|             |                           | <b>831.374</b>   | <b>1274.10</b> |
|             |                           | <b>15</b>        | <b>852</b>     |
|             | Data Armoring:            |                  |                |
| 5.4         | Straightening Length:     | <b>660.88367</b> |                |
|             | Straightening Data:       |                  |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>     |                    |
|-------------|----------------------------|------------------|--------------------|
| 5.5         | Dredging History:          | <b>Dredging</b>  |                    |
| 6.1         | Berms & Roads Data:        | <u>One Side</u>  | <u>Both Sides</u>  |
|             | Berms & Roads:             | <b>0.0000</b>    | <b>0.0000</b>      |
|             | Berm:                      | <b>0.0000</b>    | <b>0.0000</b>      |
|             | Path:                      | <b>0.000</b>     | <b>0.000</b>       |
|             | Road:                      | <b>6459.1846</b> | <b>0.00000</b>     |
|             | Railroad:                  | <b>0.0000</b>    | <b>0.00</b>        |
| 6.2         | Corridor Development Data: |                  |                    |
|             | Length:                    | <b>710.1980</b>  | <b>0.0000</b>      |
| 6.4         | Miander Migration:         | <b>Migration</b> |                    |
|             |                            | <u>Old</u>       | <u>New</u>         |
| 7.2         | Bank Erosion:              | <b>None</b>      | <b>576.2872925</b> |
|             | Bank Height:               | <b>N.D.</b>      | <b>5.502</b>       |

Reach: **M05**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>   |                |
|-------------|---------------------------|----------------|----------------|
| 3.1         | Alluvial Fan:             | <b>None</b>    |                |
| 3.2         | Grade Control:            | <b>Ledge</b>   |                |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>    | <u>Right</u>   |
|             |                           | <b>1083</b>    | <b>171</b>     |
| 5.1         | Flow Regulation - Type:   | <b>None</b>    |                |
|             | Use:                      |                |                |
| 5.2         | # of Bridges or Culverts: | <b>4</b>       |                |
|             | Total Length:             | <b>108.000</b> |                |
| 5.3         | Armoring Length           | <u>Left</u>    | <u>Right</u>   |
|             |                           | <b>458.899</b> | <b>894.220</b> |
|             |                           | <b>29</b>      | <b>21</b>      |
|             | Data Armoring:            |                |                |
| 5.4         | Straightening Length:     | <b>0.00000</b> |                |
|             | Straightening Data:       | <b>None</b>    |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>     |                    |
|-------------|----------------------------|------------------|--------------------|
| 5.5         | Dredging History:          | <b>Dredging</b>  |                    |
| 6.1         | Berms & Roads Data:        | <u>One Side</u>  | <u>Both Sides</u>  |
|             | Berms & Roads:             | <b>0.0000</b>    | <b>0.0000</b>      |
|             | Berm:                      | <b>283.9277</b>  | <b>0.0000</b>      |
|             | Path:                      | <b>0.000</b>     | <b>0.000</b>       |
|             | Road:                      | <b>4339.9082</b> | <b>0.00000</b>     |
|             | Railroad:                  | <b>0.0000</b>    | <b>0.00</b>        |
| 6.2         | Corridor Development Data: |                  |                    |
|             | Length:                    | <b>1741.2953</b> | <b>121.5194</b>    |
| 6.4         | Miander Migration:         | <b>Multiple</b>  |                    |
|             |                            | <u>Old</u>       | <u>New</u>         |
| 7.2         | Bank Erosion:              | <b>None</b>      | <b>4934.879882</b> |
|             |                            |                  | <b>8</b>           |
|             | Bank Height:               | <b>N.D.</b>      | <b>8.146</b>       |



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Reach: **M06**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>            |                |
|-------------|---------------------------|-------------------------|----------------|
| 3.1         | Alluvial Fan:             | <b>None</b>             |                |
| 3.2         | Grade Control:            | <b>Multiple</b>         |                |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>             | <u>Right</u>   |
|             |                           | <b>1302</b>             | <b>735</b>     |
| 5.1         | Flow Regulation - Type:   | <b>Small Withdrawal</b> |                |
|             | Use:                      | <b>Other</b>            |                |
| 5.2         | # of Bridges or Culverts: | <b>2</b>                |                |
|             | Total Length:             | <b>29.000</b>           |                |
| 5.3         | Armoring Length           | <u>Left</u>             | <u>Right</u>   |
|             |                           | <b>955.742</b>          | <b>169.085</b> |
|             |                           | <b>55</b>               | <b>25</b>      |
|             | Data Armoring:            |                         |                |
| 5.4         | Straightening Length:     | <b>1554.04346</b>       |                |
|             | Straightening Data:       |                         |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>     |                    |
|-------------|----------------------------|------------------|--------------------|
| 5.5         | Dredging History:          | <b>Dredging</b>  |                    |
| 6.1         | Berms & Roads Data:        | <u>One Side</u>  | <u>Both Sides</u>  |
|             | Berms & Roads:             | <b>0.0000</b>    | <b>0.0000</b>      |
|             | Berm:                      | <b>0.0000</b>    | <b>0.0000</b>      |
|             | Path:                      | <b>0.000</b>     | <b>0.000</b>       |
|             | Road:                      | <b>669.4909</b>  | <b>0.00000</b>     |
|             | Railroad:                  | <b>0.0000</b>    | <b>0.00</b>        |
| 6.2         | Corridor Development Data: |                  |                    |
|             | Length:                    | <b>1316.6744</b> | <b>0.0000</b>      |
| 6.4         | Miander Migration:         | <b>Multiple</b>  |                    |
|             |                            | <u>Old</u>       | <u>New</u>         |
| 7.2         | Bank Erosion:              | <b>None</b>      | <b>1472.415893</b> |
|             |                            |                  | <b>6</b>           |
|             | Bank Height:               | <b>N.D.</b>      | <b>5.526</b>       |

Reach: **M07**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>     |                |
|-------------|---------------------------|------------------|----------------|
| 3.1         | Alluvial Fan:             | <b>None</b>      |                |
| 3.2         | Grade Control:            | <b>Ledge</b>     |                |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>      | <u>Right</u>   |
|             |                           | <b>2106</b>      | <b>873</b>     |
| 5.1         | Flow Regulation - Type:   | <b>None</b>      |                |
|             | Use:                      |                  |                |
| 5.2         | # of Bridges or Culverts: | <b>3</b>         |                |
|             | Total Length:             | <b>71.000</b>    |                |
| 5.3         | Armoring Length           | <u>Left</u>      | <u>Right</u>   |
|             |                           | <b>1631.01</b>   | <b>412.095</b> |
|             |                           | <b>709</b>       | <b>09</b>      |
|             | Data Armoring:            |                  |                |
| 5.4         | Straightening Length:     | <b>157.63203</b> |                |
|             | Straightening Data:       |                  |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>     |                    |
|-------------|----------------------------|------------------|--------------------|
| 5.5         | Dredging History:          | <b>Dredging</b>  |                    |
| 6.1         | Berms & Roads Data:        | <u>One Side</u>  | <u>Both Sides</u>  |
|             | Berms & Roads:             | <b>0.0000</b>    | <b>0.0000</b>      |
|             | Berm:                      | <b>284.5129</b>  | <b>0.0000</b>      |
|             | Path:                      | <b>0.000</b>     | <b>0.000</b>       |
|             | Road:                      | <b>3571.6003</b> | <b>874.13812</b>   |
|             | Railroad:                  | <b>0.0000</b>    | <b>0.00</b>        |
| 6.2         | Corridor Development Data: |                  |                    |
|             | Length:                    | <b>2315.0454</b> | <b>0.0000</b>      |
| 6.4         | Miander Migration:         | <b>Multiple</b>  |                    |
|             |                            | <u>Old</u>       | <u>New</u>         |
| 7.2         | Bank Erosion:              | <b>None</b>      | <b>845.6373901</b> |
|             | Bank Height:               | <b>N.D.</b>      | <b>4.508</b>       |



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Reach: **M08**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>     |                |
|-------------|---------------------------|------------------|----------------|
| 3.1         | Alluvial Fan:             | <b>None</b>      |                |
| 3.2         | Grade Control:            | <b>Ledge</b>     |                |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>      | <u>Right</u>   |
|             |                           | <b>0</b>         | <b>194</b>     |
| 5.1         | Flow Regulation - Type:   | <b>None</b>      |                |
|             | Use:                      |                  |                |
| 5.2         | # of Bridges or Culverts: | <b>0</b>         |                |
|             | Total Length:             | <b>0.000</b>     |                |
| 5.3         | Armoring Length           | <u>Left</u>      | <u>Right</u>   |
|             |                           | <b>0.00000</b>   | <b>0.00000</b> |
|             | Data Armoring:            | <b>None</b>      |                |
| 5.4         | Straightening Length:     | <b>498.13834</b> |                |
|             | Straightening Data:       |                  |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>       |                    |
|-------------|----------------------------|--------------------|--------------------|
| 5.5         | Dredging History:          | <b>None</b>        |                    |
| 6.1         | Berms & Roads Data:        | <u>One Side</u>    | <u>Both Sides</u>  |
|             | Berms & Roads:             | <b>0.0000</b>      | <b>0.0000</b>      |
|             | Berm:                      | <b>0.0000</b>      | <b>0.0000</b>      |
|             | Path:                      | <b>0.000</b>       | <b>0.000</b>       |
|             | Road:                      | <b>1951.1472</b>   | <b>0.00000</b>     |
|             | Railroad:                  | <b>0.0000</b>      | <b>0.00</b>        |
| 6.2         | Corridor Development Data: |                    |                    |
|             | Length:                    | <b>0.0000</b>      | <b>0.0000</b>      |
| 6.4         | Miander Migration:         | <b>Flood Chute</b> |                    |
|             |                            | <u>Old</u>         | <u>New</u>         |
| 7.2         | Bank Erosion:              | <b>None</b>        | <b>415.4947205</b> |
|             | Bank Height:               | <b>N.D.</b>        | <b>4.590</b>       |

Reach: **M09**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>      |                |
|-------------|---------------------------|-------------------|----------------|
| 3.1         | Alluvial Fan:             | <b>None</b>       |                |
| 3.2         | Grade Control:            | <b>Ledge</b>      |                |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>       | <u>Right</u>   |
|             |                           | <b>6480</b>       | <b>7019</b>    |
| 5.1         | Flow Regulation - Type:   | <b>None</b>       |                |
|             | Use:                      |                   |                |
| 5.2         | # of Bridges or Culverts: | <b>4</b>          |                |
|             | Total Length:             | <b>70.000</b>     |                |
| 5.3         | Armoring Length           | <u>Left</u>       | <u>Right</u>   |
|             |                           | <b>1929.06</b>    | <b>1489.55</b> |
|             |                           | <b>653</b>        | <b>066</b>     |
|             | Data Armoring:            |                   |                |
| 5.4         | Straightening Length:     | <b>7377.32422</b> |                |
|             | Straightening Data:       |                   |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>     |                    |
|-------------|----------------------------|------------------|--------------------|
| 5.5         | Dredging History:          | <b>None</b>      |                    |
| 6.1         | Berms & Roads Data:        | <u>One Side</u>  | <u>Both Sides</u>  |
|             | Berms & Roads:             | <b>0.0000</b>    | <b>0.0000</b>      |
|             | Berm:                      | <b>0.0000</b>    | <b>0.0000</b>      |
|             | Path:                      | <b>0.000</b>     | <b>0.000</b>       |
|             | Road:                      | <b>1476.1875</b> | <b>0.00000</b>     |
|             | Railroad:                  | <b>0.0000</b>    | <b>0.00</b>        |
| 6.2         | Corridor Development Data: |                  |                    |
|             | Length:                    | <b>207.4898</b>  | <b>0.0000</b>      |
| 6.4         | Miander Migration:         | <b>Multiple</b>  |                    |
|             |                            | <u>Old</u>       | <u>New</u>         |
| 7.2         | Bank Erosion:              | <b>None</b>      | <b>3060.957031</b> |
|             |                            |                  | <b>3</b>           |
|             | Bank Height:               | <b>N.D.</b>      | <b>6.544</b>       |



# Stream Geomorphic Assessment

Agency of Natural Resources



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November, 22 2024

Reach: **M10**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>     |                |
|-------------|---------------------------|------------------|----------------|
| 3.1         | Alluvial Fan:             | <b>None</b>      |                |
| 3.2         | Grade Control:            | <b>None</b>      |                |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>      | <u>Right</u>   |
|             |                           | <b>697</b>       | <b>221</b>     |
| 5.1         | Flow Regulation - Type:   | <b>None</b>      |                |
|             | Use:                      |                  |                |
| 5.2         | # of Bridges or Culverts: | <b>1</b>         |                |
|             | Total Length:             | <b>18.000</b>    |                |
| 5.3         | Armoring Length           | <u>Left</u>      | <u>Right</u>   |
|             |                           | <b>228.676</b>   | <b>215.972</b> |
|             |                           | <b>80</b>        | <b>96</b>      |
|             | Data Armoring:            |                  |                |
| 5.4         | Straightening Length:     | <b>671.42902</b> |                |
|             | Straightening Data:       |                  |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>     |                    |
|-------------|----------------------------|------------------|--------------------|
| 5.5         | Dredging History:          | <b>Dredging</b>  |                    |
| 6.1         | Berms & Roads Data:        | <u>One Side</u>  | <u>Both Sides</u>  |
|             | Berms & Roads:             | <b>0.0000</b>    | <b>0.0000</b>      |
|             | Berm:                      | <b>0.0000</b>    | <b>0.0000</b>      |
|             | Path:                      | <b>0.000</b>     | <b>0.000</b>       |
|             | Road:                      | <b>1249.7905</b> | <b>0.00000</b>     |
|             | Railroad:                  | <b>0.0000</b>    | <b>0.00</b>        |
| 6.2         | Corridor Development Data: |                  |                    |
|             | Length:                    | <b>613.4552</b>  | <b>0.0000</b>      |
| 6.4         | Miander Migration:         | <b>Migration</b> |                    |
|             |                            | <u>Old</u>       | <u>New</u>         |
| 7.2         | Bank Erosion:              | <b>None</b>      | <b>140.9026184</b> |
|             | Bank Height:               | <b>N.D.</b>      | <b>2.456</b>       |

Reach: **M11**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>   |                |
|-------------|---------------------------|----------------|----------------|
| 3.1         | Alluvial Fan:             | <b>None</b>    |                |
| 3.2         | Grade Control:            | <b>Ledge</b>   |                |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>    | <u>Right</u>   |
|             |                           | <b>2152</b>    | <b>0</b>       |
| 5.1         | Flow Regulation - Type:   | <b>None</b>    |                |
|             | Use:                      |                |                |
| 5.2         | # of Bridges or Culverts: | <b>0</b>       |                |
|             | Total Length:             | <b>0.000</b>   |                |
| 5.3         | Armoring Length           | <u>Left</u>    | <u>Right</u>   |
|             |                           | <b>1458.82</b> | <b>0.00000</b> |
|             |                           | <b>971</b>     |                |
|             | Data Armoring:            |                |                |
| 5.4         | Straightening Length:     | <b>0.00000</b> |                |
|             | Straightening Data:       | <b>None</b>    |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>     |                   |
|-------------|----------------------------|------------------|-------------------|
| 5.5         | Dredging History:          | <b>None</b>      |                   |
| 6.1         | Berms & Roads Data:        | <u>One Side</u>  | <u>Both Sides</u> |
|             | Berms & Roads:             | <b>0.0000</b>    | <b>0.0000</b>     |
|             | Berm:                      | <b>0.0000</b>    | <b>0.0000</b>     |
|             | Path:                      | <b>0.000</b>     | <b>0.000</b>      |
|             | Road:                      | <b>3967.6418</b> | <b>0.00000</b>    |
|             | Railroad:                  | <b>0.0000</b>    | <b>0.00</b>       |
| 6.2         | Corridor Development Data: |                  |                   |
|             | Length:                    | <b>634.3201</b>  | <b>0.0000</b>     |
| 6.4         | Miander Migration:         | <b>Multiple</b>  |                   |
|             |                            | <u>Old</u>       | <u>New</u>        |
| 7.2         | Bank Erosion:              | <b>None</b>      | <b>49.7935257</b> |
|             | Bank Height:               | <b>N.D.</b>      | <b>2.000</b>      |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
November, 22 2024

Reach: **M12**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>            |                |
|-------------|---------------------------|-------------------------|----------------|
| 3.1         | Alluvial Fan:             | <b>None</b>             |                |
| 3.2         | Grade Control:            | <b>Ledge</b>            |                |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>             | <u>Right</u>   |
|             |                           | <b>960</b>              | <b>427</b>     |
| 5.1         | Flow Regulation - Type:   | <b>Small Withdrawal</b> |                |
|             | Use:                      | <b>Other</b>            |                |
| 5.2         | # of Bridges or Culverts: | <b>3</b>                |                |
|             | Total Length:             | <b>61.000</b>           |                |
| 5.3         | Armoring Length           | <u>Left</u>             | <u>Right</u>   |
|             |                           | <b>1336.44</b>          | <b>846.985</b> |
|             |                           | <b>446</b>              | <b>23</b>      |
|             | Data Armoring:            |                         |                |
| 5.4         | Straightening Length:     | <b>1083.08435</b>       |                |
|             | Straightening Data:       |                         |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>     |                    |
|-------------|----------------------------|------------------|--------------------|
| 5.5         | Dredging History:          | <b>Dredging</b>  |                    |
| 6.1         | Berms & Roads Data:        | <u>One Side</u>  | <u>Both Sides</u>  |
|             | Berms & Roads:             | <b>0.0000</b>    | <b>0.0000</b>      |
|             | Berm:                      | <b>504.4301</b>  | <b>0.0000</b>      |
|             | Path:                      | <b>1000.746</b>  | <b>0.000</b>       |
|             | Road:                      | <b>878.0280</b>  | <b>0.00000</b>     |
|             | Railroad:                  | <b>0.0000</b>    | <b>0.00</b>        |
| 6.2         | Corridor Development Data: |                  |                    |
|             | Length:                    | <b>1237.6604</b> | <b>0.0000</b>      |
| 6.4         | Miander Migration:         | <b>None</b>      |                    |
|             |                            | <u>Old</u>       | <u>New</u>         |
| 7.2         | Bank Erosion:              | <b>None</b>      | <b>412.7495117</b> |
|             | Bank Height:               | <b>N.D.</b>      | <b>4.411</b>       |

Reach: **M13**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>     |                |
|-------------|---------------------------|------------------|----------------|
| 3.1         | Alluvial Fan:             | <b>None</b>      |                |
| 3.2         | Grade Control:            | <b>Ledge</b>     |                |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>      | <u>Right</u>   |
|             |                           | <b>2996</b>      | <b>346</b>     |
| 5.1         | Flow Regulation - Type:   | <b>None</b>      |                |
|             | Use:                      |                  |                |
| 5.2         | # of Bridges or Culverts: | <b>2</b>         |                |
|             | Total Length:             | <b>62.000</b>    |                |
| 5.3         | Armoring Length           | <u>Left</u>      | <u>Right</u>   |
|             |                           | <b>3024.57</b>   | <b>436.574</b> |
|             |                           | <b>690</b>       | <b>37</b>      |
|             | Data Armoring:            |                  |                |
| 5.4         | Straightening Length:     | <b>600.35254</b> |                |
|             | Straightening Data:       |                  |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>     |                    |
|-------------|----------------------------|------------------|--------------------|
| 5.5         | Dredging History:          | <b>Dredging</b>  |                    |
| 6.1         | Berms & Roads Data:        | <u>One Side</u>  | <u>Both Sides</u>  |
|             | Berms & Roads:             | <b>0.0000</b>    | <b>0.0000</b>      |
|             | Berm:                      | <b>0.0000</b>    | <b>0.0000</b>      |
|             | Path:                      | <b>0.000</b>     | <b>0.000</b>       |
|             | Road:                      | <b>6006.7422</b> | <b>685.86676</b>   |
|             | Railroad:                  | <b>0.0000</b>    | <b>0.00</b>        |
| 6.2         | Corridor Development Data: |                  |                    |
|             | Length:                    | <b>1210.4863</b> | <b>400.7849</b>    |
| 6.4         | Miander Migration:         | <b>None</b>      |                    |
|             |                            | <u>Old</u>       | <u>New</u>         |
| 7.2         | Bank Erosion:              | <b>None</b>      | <b>451.5137024</b> |
|             | Bank Height:               | <b>N.D.</b>      | <b>4.142</b>       |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
November, 22 2024

Reach: **M14**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>      |                |
|-------------|---------------------------|-------------------|----------------|
| 3.1         | Alluvial Fan:             | <b>None</b>       |                |
| 3.2         | Grade Control:            | <b>Ledge</b>      |                |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>       | <u>Right</u>   |
|             |                           | <b>1867</b>       | <b>593</b>     |
| 5.1         | Flow Regulation - Type:   | <b>None</b>       |                |
|             | Use:                      |                   |                |
| 5.2         | # of Bridges or Culverts: | <b>2</b>          |                |
|             | Total Length:             | <b>90.000</b>     |                |
| 5.3         | Armoring Length           | <u>Left</u>       | <u>Right</u>   |
|             |                           | <b>684.549</b>    | <b>745.626</b> |
|             |                           | <b>01</b>         | <b>10</b>      |
|             | Data Armoring:            |                   |                |
| 5.4         | Straightening Length:     | <b>2144.91821</b> |                |
|             | Straightening Data:       |                   |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>     |                    |
|-------------|----------------------------|------------------|--------------------|
| 5.5         | Dredging History:          | <b>Dredging</b>  |                    |
| 6.1         | Berms & Roads Data:        | <u>One Side</u>  | <u>Both Sides</u>  |
|             | Berms & Roads:             | <b>0.0000</b>    | <b>0.0000</b>      |
|             | Berm:                      | <b>181.5387</b>  | <b>0.0000</b>      |
|             | Path:                      | <b>0.000</b>     | <b>0.000</b>       |
|             | Road:                      | <b>3788.5559</b> | <b>0.00000</b>     |
|             | Railroad:                  | <b>0.0000</b>    | <b>0.00</b>        |
| 6.2         | Corridor Development Data: |                  |                    |
|             | Length:                    | <b>487.8662</b>  | <b>0.0000</b>      |
| 6.4         | Miander Migration:         | <b>Multiple</b>  |                    |
|             |                            | <u>Old</u>       | <u>New</u>         |
| 7.2         | Bank Erosion:              | <b>None</b>      | <b>2404.310791</b> |
|             |                            |                  | <b>0</b>           |
|             | Bank Height:               | <b>N.D.</b>      | <b>5.063</b>       |

Reach: **M15**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>            |                |
|-------------|---------------------------|-------------------------|----------------|
| 3.1         | Alluvial Fan:             | <b>None</b>             |                |
| 3.2         | Grade Control:            | <b>Ledge</b>            |                |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>             | <u>Right</u>   |
|             |                           | <b>1408</b>             | <b>852</b>     |
| 5.1         | Flow Regulation - Type:   | <b>Small Withdrawal</b> |                |
|             | Use:                      | <b>Other</b>            |                |
| 5.2         | # of Bridges or Culverts: | <b>4</b>                |                |
|             | Total Length:             | <b>96.000</b>           |                |
| 5.3         | Armoring Length           | <u>Left</u>             | <u>Right</u>   |
|             |                           | <b>127.367</b>          | <b>152.366</b> |
|             |                           | <b>40</b>               | <b>76</b>      |
|             | Data Armoring:            |                         |                |
| 5.4         | Straightening Length:     | <b>2495.14258</b>       |                |
|             | Straightening Data:       |                         |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>    |                    |
|-------------|----------------------------|-----------------|--------------------|
| 5.5         | Dredging History:          | <b>None</b>     |                    |
| 6.1         | Berms & Roads Data:        | <u>One Side</u> | <u>Both Sides</u>  |
|             | Berms & Roads:             | <b>0.0000</b>   | <b>0.0000</b>      |
|             | Berm:                      | <b>0.0000</b>   | <b>0.0000</b>      |
|             | Path:                      | <b>0.000</b>    | <b>0.000</b>       |
|             | Road:                      | <b>0.0000</b>   | <b>0.00000</b>     |
|             | Railroad:                  | <b>0.0000</b>   | <b>0.00</b>        |
| 6.2         | Corridor Development Data: |                 |                    |
|             | Length:                    | <b>275.2632</b> | <b>0.0000</b>      |
| 6.4         | Miander Migration:         | <b>Multiple</b> |                    |
|             |                            | <u>Old</u>      | <u>New</u>         |
| 7.2         | Bank Erosion:              | <b>None</b>     | <b>1132.010009</b> |
|             |                            |                 | <b>8</b>           |
|             | Bank Height:               | <b>N.D.</b>     | <b>2.771</b>       |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
November, 22 2024

Reach: **M16**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>     |                |
|-------------|---------------------------|------------------|----------------|
| 3.1         | Alluvial Fan:             | <b>None</b>      |                |
| 3.2         | Grade Control:            | <b>Ledge</b>     |                |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>      | <u>Right</u>   |
|             |                           | <b>900</b>       | <b>410</b>     |
| 5.1         | Flow Regulation - Type:   | <b>None</b>      |                |
|             | Use:                      |                  |                |
| 5.2         | # of Bridges or Culverts: | <b>0</b>         |                |
|             | Total Length:             | <b>0.000</b>     |                |
| 5.3         | Armoring Length           | <u>Left</u>      | <u>Right</u>   |
|             |                           | <b>148.383</b>   | <b>0.00000</b> |
|             |                           | <b>00</b>        |                |
|             | Data Armoring:            |                  |                |
| 5.4         | Straightening Length:     | <b>786.56848</b> |                |
|             | Straightening Data:       |                  |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>       |                    |
|-------------|----------------------------|--------------------|--------------------|
| 5.5         | Dredging History:          | <b>None</b>        |                    |
| 6.1         | Berms & Roads Data:        |                    |                    |
|             |                            | <u>One Side</u>    | <u>Both Sides</u>  |
|             | Berms & Roads:             | <b>0.0000</b>      | <b>0.0000</b>      |
|             | Berm:                      | <b>0.0000</b>      | <b>0.0000</b>      |
|             | Path:                      | <b>0.000</b>       | <b>0.000</b>       |
|             | Road:                      | <b>0.0000</b>      | <b>0.00000</b>     |
|             | Railroad:                  | <b>0.0000</b>      | <b>0.00</b>        |
| 6.2         | Corridor Development Data: |                    |                    |
|             | Length:                    | <b>0.0000</b>      | <b>0.0000</b>      |
| 6.4         | Miander Migration:         | <b>Flood Chute</b> |                    |
|             |                            | <u>Old</u>         | <u>New</u>         |
| 7.2         | Bank Erosion:              | <b>None</b>        | <b>1689.920776</b> |
|             |                            |                    | <b>4</b>           |
|             | Bank Height:               | <b>N.D.</b>        | <b>4.854</b>       |

Reach: **M17**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>   |                |
|-------------|---------------------------|----------------|----------------|
| 3.1         | Alluvial Fan:             | <b>None</b>    |                |
| 3.2         | Grade Control:            | <b>None</b>    |                |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>    | <u>Right</u>   |
|             |                           | <b>0</b>       | <b>0</b>       |
| 5.1         | Flow Regulation - Type:   | <b>None</b>    |                |
|             | Use:                      |                |                |
| 5.2         | # of Bridges or Culverts: | <b>1</b>       |                |
|             | Total Length:             | <b>12.000</b>  |                |
| 5.3         | Armoring Length           | <u>Left</u>    | <u>Right</u>   |
|             |                           | <b>0.00000</b> | <b>0.00000</b> |
|             | Data Armoring:            | <b>None</b>    |                |
| 5.4         | Straightening Length:     | <b>0.00000</b> |                |
|             | Straightening Data:       | <b>None</b>    |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>    |                   |
|-------------|----------------------------|-----------------|-------------------|
| 5.5         | Dredging History:          | <b>None</b>     |                   |
| 6.1         | Berms & Roads Data:        |                 |                   |
|             |                            | <u>One Side</u> | <u>Both Sides</u> |
|             | Berms & Roads:             | <b>0.0000</b>   | <b>0.0000</b>     |
|             | Berm:                      | <b>0.0000</b>   | <b>0.0000</b>     |
|             | Path:                      | <b>0.000</b>    | <b>0.000</b>      |
|             | Road:                      | <b>0.0000</b>   | <b>0.00000</b>    |
|             | Railroad:                  | <b>0.0000</b>   | <b>0.00</b>       |
| 6.2         | Corridor Development Data: |                 |                   |
|             | Length:                    | <b>0.0000</b>   | <b>0.0000</b>     |
| 6.4         | Miander Migration:         | <b>None</b>     |                   |
|             |                            | <u>Old</u>      | <u>New</u>        |
| 7.2         | Bank Erosion:              | <b>None</b>     | <b>0.0000000</b>  |
|             | Bank Height:               | <b>N.D.</b>     | <b>0.000</b>      |





# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
November, 22 2024

Reach: **M18**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>   |                |
|-------------|---------------------------|----------------|----------------|
| 3.1         | Alluvial Fan:             | <b>None</b>    |                |
| 3.2         | Grade Control:            | <b>None</b>    |                |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>    | <u>Right</u>   |
|             |                           | <b>0</b>       | <b>0</b>       |
| 5.1         | Flow Regulation - Type:   | <b>None</b>    |                |
|             | Use:                      |                |                |
| 5.2         | # of Bridges or Culverts: | <b>1</b>       |                |
|             | Total Length:             | <b>10.000</b>  |                |
| 5.3         | Armoring Length           | <u>Left</u>    | <u>Right</u>   |
|             |                           | <b>0.00000</b> | <b>0.00000</b> |
|             | Data Armoring:            | <b>None</b>    |                |
| 5.4         | Straightening Length:     | <b>0.00000</b> |                |
|             | Straightening Data:       | <b>None</b>    |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>    |                   |
|-------------|----------------------------|-----------------|-------------------|
| 5.5         | Dredging History:          | <b>None</b>     |                   |
| 6.1         | Berms & Roads Data:        | <u>One Side</u> | <u>Both Sides</u> |
|             | Berms & Roads:             | <b>0.0000</b>   | <b>0.0000</b>     |
|             | Berm:                      | <b>0.0000</b>   | <b>0.0000</b>     |
|             | Path:                      | <b>0.000</b>    | <b>0.000</b>      |
|             | Road:                      | <b>0.0000</b>   | <b>0.00000</b>    |
|             | Railroad:                  | <b>0.0000</b>   | <b>0.00</b>       |
| 6.2         | Corridor Development Data: |                 |                   |
|             | Length:                    | <b>0.0000</b>   | <b>0.0000</b>     |
| 6.4         | Miander Migration:         | <b>None</b>     |                   |
|             |                            | <u>Old</u>      | <u>New</u>        |
| 7.2         | Bank Erosion:              | <b>None</b>     | <b>0.0000000</b>  |
|             | Bank Height:               | <b>N.D.</b>     | <b>0.000</b>      |

Reach: **T1.01**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>   |                |
|-------------|---------------------------|----------------|----------------|
| 3.1         | Alluvial Fan:             | <b>None</b>    |                |
| 3.2         | Grade Control:            | <b>Ledge</b>   |                |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>    | <u>Right</u>   |
|             |                           | <b>407</b>     | <b>356</b>     |
| 5.1         | Flow Regulation - Type:   | <b>None</b>    |                |
|             | Use:                      |                |                |
| 5.2         | # of Bridges or Culverts: | <b>3</b>       |                |
|             | Total Length:             | <b>56.000</b>  |                |
| 5.3         | Armoring Length           | <u>Left</u>    | <u>Right</u>   |
|             |                           | <b>151.194</b> | <b>114.439</b> |
|             |                           | <b>61</b>      | <b>42</b>      |
|             | Data Armoring:            |                |                |
| 5.4         | Straightening Length:     | <b>0.00000</b> |                |
|             | Straightening Data:       | <b>None</b>    |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>       |                    |
|-------------|----------------------------|--------------------|--------------------|
| 5.5         | Dredging History:          | <b>Dredging</b>    |                    |
| 6.1         | Berms & Roads Data:        | <u>One Side</u>    | <u>Both Sides</u>  |
|             | Berms & Roads:             | <b>0.0000</b>      | <b>0.0000</b>      |
|             | Berm:                      | <b>150.0186</b>    | <b>0.0000</b>      |
|             | Path:                      | <b>0.000</b>       | <b>0.000</b>       |
|             | Road:                      | <b>0.0000</b>      | <b>0.00000</b>     |
|             | Railroad:                  | <b>0.0000</b>      | <b>0.00</b>        |
| 6.2         | Corridor Development Data: |                    |                    |
|             | Length:                    | <b>597.4604</b>    | <b>190.5806</b>    |
| 6.4         | Miander Migration:         | <b>Flood Chute</b> |                    |
|             |                            | <u>Old</u>         | <u>New</u>         |
| 7.2         | Bank Erosion:              | <b>None</b>        | <b>1022.909301</b> |
|             |                            |                    | <b>8</b>           |
|             | Bank Height:               | <b>N.D.</b>        | <b>5.795</b>       |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
November, 22 2024

Reach: **T1.02**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>            |                  |
|-------------|---------------------------|-------------------------|------------------|
| 3.1         | Alluvial Fan:             | <b>None</b>             |                  |
| 3.2         | Grade Control:            | <b>Ledge</b>            |                  |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>             | <u>Right</u>     |
|             |                           | <b>3045</b>             | <b>2237</b>      |
| 5.1         | Flow Regulation - Type:   | <b>Small Withdrawal</b> |                  |
|             | Use:                      | <b>Recreation</b>       |                  |
| 5.2         | # of Bridges or Culverts: | <b>4</b>                |                  |
|             | Total Length:             | <b>190.000</b>          |                  |
| 5.3         | Armoring Length           | <u>Left</u>             | <u>Right</u>     |
|             |                           | <b>0.00000</b>          | <b>209.46700</b> |
|             | Data Armoring:            |                         |                  |
| 5.4         | Straightening Length:     | <b>969.74957</b>        |                  |
|             | Straightening Data:       |                         |                  |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>       |                    |
|-------------|----------------------------|--------------------|--------------------|
| 5.5         | Dredging History:          | <b>None</b>        |                    |
| 6.1         | Berms & Roads Data:        | <u>One Side</u>    | <u>Both Sides</u>  |
|             | Berms & Roads:             | <b>0.0000</b>      | <b>0.0000</b>      |
|             | Berm:                      | <b>0.0000</b>      | <b>0.0000</b>      |
|             | Path:                      | <b>0.000</b>       | <b>0.000</b>       |
|             | Road:                      | <b>915.5196</b>    | <b>0.00000</b>     |
|             | Railroad:                  | <b>0.0000</b>      | <b>0.00</b>        |
| 6.2         | Corridor Development Data: |                    |                    |
|             | Length:                    | <b>1197.1914</b>   | <b>168.1309</b>    |
| 6.4         | Miander Migration:         | <b>Flood Chute</b> |                    |
|             |                            | <u>Old</u>         | <u>New</u>         |
| 7.2         | Bank Erosion:              | <b>None</b>        | <b>800.7202148</b> |
|             | Bank Height:               | <b>N.D.</b>        | <b>7.481</b>       |

Reach: **T1.03**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>      |                |
|-------------|---------------------------|-------------------|----------------|
| 3.1         | Alluvial Fan:             | <b>None</b>       |                |
| 3.2         | Grade Control:            | <b>None</b>       |                |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>       | <u>Right</u>   |
|             |                           | <b>3394</b>       | <b>3469</b>    |
| 5.1         | Flow Regulation - Type:   | <b>None</b>       |                |
|             | Use:                      |                   |                |
| 5.2         | # of Bridges or Culverts: | <b>2</b>          |                |
|             | Total Length:             | <b>60.000</b>     |                |
| 5.3         | Armoring Length           | <u>Left</u>       | <u>Right</u>   |
|             |                           | <b>0.00000</b>    | <b>0.00000</b> |
|             | Data Armoring:            | <b>None</b>       |                |
| 5.4         | Straightening Length:     | <b>1012.34973</b> |                |
|             | Straightening Data:       |                   |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>     |                    |
|-------------|----------------------------|------------------|--------------------|
| 5.5         | Dredging History:          | <b>None</b>      |                    |
| 6.1         | Berms & Roads Data:        | <u>One Side</u>  | <u>Both Sides</u>  |
|             | Berms & Roads:             | <b>0.0000</b>    | <b>0.0000</b>      |
|             | Berm:                      | <b>0.0000</b>    | <b>0.0000</b>      |
|             | Path:                      | <b>0.000</b>     | <b>0.000</b>       |
|             | Road:                      | <b>1155.4399</b> | <b>0.00000</b>     |
|             | Railroad:                  | <b>0.0000</b>    | <b>0.00</b>        |
| 6.2         | Corridor Development Data: |                  |                    |
|             | Length:                    | <b>181.1905</b>  | <b>0.0000</b>      |
| 6.4         | Miander Migration:         | <b>None</b>      |                    |
|             |                            | <u>Old</u>       | <u>New</u>         |
| 7.2         | Bank Erosion:              | <b>None</b>      | <b>1618.758911</b> |
|             | Bank Height:               | <b>N.D.</b>      | <b>1.000</b>       |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
November, 22 2024

Reach: **T1.04**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>              |                |
|-------------|---------------------------|---------------------------|----------------|
| 3.1         | Alluvial Fan:             | <b>None</b>               |                |
| 3.2         | Grade Control:            | <b>Dam</b>                |                |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>               | <u>Right</u>   |
|             |                           | <b>0</b>                  | <b>0</b>       |
| 5.1         | Flow Regulation - Type:   | <b>Small Run of River</b> |                |
|             | Use:                      | <b>Recreation</b>         |                |
| 5.2         | # of Bridges or Culverts: | <b>1</b>                  |                |
|             | Total Length:             | <b>15.000</b>             |                |
| 5.3         | Armoring Length           | <u>Left</u>               | <u>Right</u>   |
|             |                           | <b>0.00000</b>            | <b>0.00000</b> |
|             | Data Armoring:            | <b>None</b>               |                |
| 5.4         | Straightening Length:     | <b>0.00000</b>            |                |
|             | Straightening Data:       | <b>None</b>               |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>     |                   |
|-------------|----------------------------|------------------|-------------------|
| 5.5         | Dredging History:          | <b>None</b>      |                   |
| 6.1         | Berms & Roads Data:        | <u>One Side</u>  | <u>Both Sides</u> |
|             | Berms & Roads:             | <b>0.0000</b>    | <b>0.0000</b>     |
|             | Berm:                      | <b>0.0000</b>    | <b>0.0000</b>     |
|             | Path:                      | <b>0.000</b>     | <b>0.000</b>      |
|             | Road:                      | <b>1071.1915</b> | <b>0.00000</b>    |
|             | Railroad:                  | <b>0.0000</b>    | <b>0.00</b>       |
| 6.2         | Corridor Development Data: |                  |                   |
|             | Length:                    | <b>321.7196</b>  | <b>0.0000</b>     |
| 6.4         | Miander Migration:         | <b>None</b>      |                   |
|             |                            | <u>Old</u>       | <u>New</u>        |
| 7.2         | Bank Erosion:              | <b>None</b>      | <b>0.0000000</b>  |
|             | Bank Height:               | <b>N.D.</b>      | <b>0.000</b>      |

Reach: **T2.01**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>      |                |
|-------------|---------------------------|-------------------|----------------|
| 3.1         | Alluvial Fan:             | <b>None</b>       |                |
| 3.2         | Grade Control:            | <b>Ledge</b>      |                |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>       | <u>Right</u>   |
|             |                           | <b>2031</b>       | <b>2744</b>    |
| 5.1         | Flow Regulation - Type:   | <b>None</b>       |                |
|             | Use:                      |                   |                |
| 5.2         | # of Bridges or Culverts: | <b>3</b>          |                |
|             | Total Length:             | <b>78.000</b>     |                |
| 5.3         | Armoring Length           | <u>Left</u>       | <u>Right</u>   |
|             |                           | <b>326.836</b>    | <b>1186.51</b> |
|             |                           | <b>85</b>         | <b>855</b>     |
|             | Data Armoring:            |                   |                |
| 5.4         | Straightening Length:     | <b>1307.92310</b> |                |
|             | Straightening Data:       |                   |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>       |                    |
|-------------|----------------------------|--------------------|--------------------|
| 5.5         | Dredging History:          | <b>Dredging</b>    |                    |
| 6.1         | Berms & Roads Data:        | <u>One Side</u>    | <u>Both Sides</u>  |
|             | Berms & Roads:             | <b>0.0000</b>      | <b>0.0000</b>      |
|             | Berm:                      | <b>0.0000</b>      | <b>0.0000</b>      |
|             | Path:                      | <b>0.000</b>       | <b>0.000</b>       |
|             | Road:                      | <b>1041.5986</b>   | <b>0.00000</b>     |
|             | Railroad:                  | <b>0.0000</b>      | <b>0.00</b>        |
| 6.2         | Corridor Development Data: |                    |                    |
|             | Length:                    | <b>479.3296</b>    | <b>0.0000</b>      |
| 6.4         | Miander Migration:         | <b>Flood Chute</b> |                    |
|             |                            | <u>Old</u>         | <u>New</u>         |
| 7.2         | Bank Erosion:              | <b>None</b>        | <b>362.2241211</b> |
|             | Bank Height:               | <b>N.D.</b>        | <b>5.505</b>       |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
November, 22 2024

Reach: **T2.02**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>   |                |
|-------------|---------------------------|----------------|----------------|
| 3.1         | Alluvial Fan:             | <b>None</b>    |                |
| 3.2         | Grade Control:            | <b>Ledge</b>   |                |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>    | <u>Right</u>   |
|             |                           | <b>588</b>     | <b>0</b>       |
| 5.1         | Flow Regulation - Type:   | <b>None</b>    |                |
|             | Use:                      |                |                |
| 5.2         | # of Bridges or Culverts: | <b>1</b>       |                |
|             | Total Length:             | <b>33.000</b>  |                |
| 5.3         | Armoring Length           | <u>Left</u>    | <u>Right</u>   |
|             |                           | <b>843.614</b> | <b>262.614</b> |
|             |                           | <b>75</b>      | <b>93</b>      |
|             | Data Armoring:            |                |                |
| 5.4         | Straightening Length:     | <b>0.00000</b> |                |
|             | Straightening Data:       | <b>None</b>    |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>       |                    |
|-------------|----------------------------|--------------------|--------------------|
| 5.5         | Dredging History:          | <b>None</b>        |                    |
| 6.1         | Berms & Roads Data:        |                    |                    |
|             |                            | <u>One Side</u>    | <u>Both Sides</u>  |
|             | Berms & Roads:             | <b>0.0000</b>      | <b>0.0000</b>      |
|             | Berm:                      | <b>0.0000</b>      | <b>0.0000</b>      |
|             | Path:                      | <b>0.000</b>       | <b>0.000</b>       |
|             | Road:                      | <b>3159.3252</b>   | <b>0.00000</b>     |
|             | Railroad:                  | <b>0.0000</b>      | <b>0.00</b>        |
| 6.2         | Corridor Development Data: |                    |                    |
|             | Length:                    | <b>0.0000</b>      | <b>0.0000</b>      |
| 6.4         | Miander Migration:         | <b>Flood Chute</b> |                    |
|             |                            | <u>Old</u>         | <u>New</u>         |
| 7.2         | Bank Erosion:              | <b>None</b>        | <b>483.2182312</b> |
|             | Bank Height:               | <b>N.D.</b>        | <b>2.834</b>       |

Reach: **T2.03**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>            |                |
|-------------|---------------------------|-------------------------|----------------|
| 3.1         | Alluvial Fan:             | <b>None</b>             |                |
| 3.2         | Grade Control:            | <b>Ledge</b>            |                |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>             | <u>Right</u>   |
|             |                           | <b>1803</b>             | <b>3257</b>    |
| 5.1         | Flow Regulation - Type:   | <b>Small Withdrawal</b> |                |
|             | Use:                      | <b>Other</b>            |                |
| 5.2         | # of Bridges or Culverts: | <b>7</b>                |                |
|             | Total Length:             | <b>191.000</b>          |                |
| 5.3         | Armoring Length           | <u>Left</u>             | <u>Right</u>   |
|             |                           | <b>871.405</b>          | <b>1083.06</b> |
|             |                           | <b>52</b>               | <b>995</b>     |
|             | Data Armoring:            |                         |                |
| 5.4         | Straightening Length:     | <b>924.54791</b>        |                |
|             | Straightening Data:       |                         |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>       |                    |
|-------------|----------------------------|--------------------|--------------------|
| 5.5         | Dredging History:          | <b>None</b>        |                    |
| 6.1         | Berms & Roads Data:        |                    |                    |
|             |                            | <u>One Side</u>    | <u>Both Sides</u>  |
|             | Berms & Roads:             | <b>0.0000</b>      | <b>0.0000</b>      |
|             | Berm:                      | <b>0.0000</b>      | <b>0.0000</b>      |
|             | Path:                      | <b>0.000</b>       | <b>0.000</b>       |
|             | Road:                      | <b>6103.7095</b>   | <b>281.92578</b>   |
|             | Railroad:                  | <b>0.0000</b>      | <b>0.00</b>        |
| 6.2         | Corridor Development Data: |                    |                    |
|             | Length:                    | <b>646.6326</b>    | <b>0.0000</b>      |
| 6.4         | Miander Migration:         | <b>Flood Chute</b> |                    |
|             |                            | <u>Old</u>         | <u>New</u>         |
| 7.2         | Bank Erosion:              | <b>None</b>        | <b>1001.086425</b> |
|             |                            |                    | <b>8</b>           |
|             | Bank Height:               | <b>N.D.</b>        | <b>4.280</b>       |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
November, 22 2024

Reach: **T2.04**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>   |                |
|-------------|---------------------------|----------------|----------------|
| 3.1         | Alluvial Fan:             | <b>None</b>    |                |
| 3.2         | Grade Control:            | <b>Ledge</b>   |                |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>    | <u>Right</u>   |
|             |                           | <b>220</b>     | <b>230</b>     |
| 5.1         | Flow Regulation - Type:   | <b>None</b>    |                |
|             | Use:                      |                |                |
| 5.2         | # of Bridges or Culverts: | <b>0</b>       |                |
|             | Total Length:             | <b>0.000</b>   |                |
| 5.3         | Armoring Length           | <u>Left</u>    | <u>Right</u>   |
|             |                           | <b>24.0668</b> | <b>216.409</b> |
|             |                           | <b>4</b>       | <b>91</b>      |
|             | Data Armoring:            |                |                |
| 5.4         | Straightening Length:     | <b>0.00000</b> |                |
|             | Straightening Data:       | <b>None</b>    |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>    |                    |
|-------------|----------------------------|-----------------|--------------------|
| 5.5         | Dredging History:          | <b>None</b>     |                    |
| 6.1         | Berms & Roads Data:        |                 |                    |
|             |                            | <u>One Side</u> | <u>Both Sides</u>  |
|             | Berms & Roads:             | <b>0.0000</b>   | <b>0.0000</b>      |
|             | Berm:                      | <b>0.0000</b>   | <b>0.0000</b>      |
|             | Path:                      | <b>0.000</b>    | <b>0.000</b>       |
|             | Road:                      | <b>871.8486</b> | <b>0.00000</b>     |
|             | Railroad:                  | <b>0.0000</b>   | <b>0.00</b>        |
| 6.2         | Corridor Development Data: |                 |                    |
|             | Length:                    | <b>415.5857</b> | <b>0.0000</b>      |
| 6.4         | Miander Migration:         | <b>Multiple</b> |                    |
|             |                            | <u>Old</u>      | <u>New</u>         |
| 7.2         | Bank Erosion:              | <b>None</b>     | <b>903.7387695</b> |
|             | Bank Height:               | <b>N.D.</b>     | <b>3.996</b>       |

Reach: **T2.05**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>     |                |
|-------------|---------------------------|------------------|----------------|
| 3.1         | Alluvial Fan:             | <b>None</b>      |                |
| 3.2         | Grade Control:            | <b>Ledge</b>     |                |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>      | <u>Right</u>   |
|             |                           | <b>849</b>       | <b>536</b>     |
| 5.1         | Flow Regulation - Type:   | <b>None</b>      |                |
|             | Use:                      |                  |                |
| 5.2         | # of Bridges or Culverts: | <b>2</b>         |                |
|             | Total Length:             | <b>85.000</b>    |                |
| 5.3         | Armoring Length           | <u>Left</u>      | <u>Right</u>   |
|             |                           | <b>31.0133</b>   | <b>302.062</b> |
|             |                           | <b>8</b>         | <b>62</b>      |
|             | Data Armoring:            |                  |                |
| 5.4         | Straightening Length:     | <b>378.35291</b> |                |
|             | Straightening Data:       |                  |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>     |                    |
|-------------|----------------------------|------------------|--------------------|
| 5.5         | Dredging History:          | <b>None</b>      |                    |
| 6.1         | Berms & Roads Data:        |                  |                    |
|             |                            | <u>One Side</u>  | <u>Both Sides</u>  |
|             | Berms & Roads:             | <b>0.0000</b>    | <b>0.0000</b>      |
|             | Berm:                      | <b>0.0000</b>    | <b>0.0000</b>      |
|             | Path:                      | <b>0.000</b>     | <b>0.000</b>       |
|             | Road:                      | <b>1496.0918</b> | <b>0.00000</b>     |
|             | Railroad:                  | <b>0.0000</b>    | <b>0.00</b>        |
| 6.2         | Corridor Development Data: |                  |                    |
|             | Length:                    | <b>270.6752</b>  | <b>0.0000</b>      |
| 6.4         | Miander Migration:         | <b>None</b>      |                    |
|             |                            | <u>Old</u>       | <u>New</u>         |
| 7.2         | Bank Erosion:              | <b>None</b>      | <b>240.5771332</b> |
|             | Bank Height:               | <b>N.D.</b>      | <b>3.340</b>       |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
November, 22 2024

Reach: **T2.06**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>   |                  |
|-------------|---------------------------|----------------|------------------|
| 3.1         | Alluvial Fan:             | <b>None</b>    |                  |
| 3.2         | Grade Control:            | <b>None</b>    |                  |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>    | <u>Right</u>     |
|             |                           | <b>226</b>     | <b>118</b>       |
| 5.1         | Flow Regulation - Type:   | <b>None</b>    |                  |
|             | Use:                      |                |                  |
| 5.2         | # of Bridges or Culverts: | <b>3</b>       |                  |
|             | Total Length:             | <b>55.000</b>  |                  |
| 5.3         | Armoring Length           | <u>Left</u>    | <u>Right</u>     |
|             |                           | <b>0.00000</b> | <b>199.04881</b> |
|             | Data Armoring:            |                |                  |
| 5.4         | Straightening Length:     | <b>0.00000</b> |                  |
|             | Straightening Data:       | <b>None</b>    |                  |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>     |                   |
|-------------|----------------------------|------------------|-------------------|
| 5.5         | Dredging History:          | <b>None</b>      |                   |
| 6.1         | Berms & Roads Data:        |                  |                   |
|             |                            | <u>One Side</u>  | <u>Both Sides</u> |
|             | Berms & Roads:             | <b>0.0000</b>    | <b>0.0000</b>     |
|             | Berm:                      | <b>0.0000</b>    | <b>0.0000</b>     |
|             | Path:                      | <b>0.000</b>     | <b>0.000</b>      |
|             | Road:                      | <b>1674.9943</b> | <b>0.00000</b>    |
|             | Railroad:                  | <b>0.0000</b>    | <b>0.00</b>       |
| 6.2         | Corridor Development Data: |                  |                   |
|             | Length:                    | <b>0.0000</b>    | <b>0.0000</b>     |
| 6.4         | Miander Migration:         | <b>None</b>      |                   |
|             |                            | <u>Old</u>       | <u>New</u>        |
| 7.2         | Bank Erosion:              | <b>None</b>      | <b>0.0000000</b>  |
|             | Bank Height:               | <b>N.D.</b>      | <b>0.000</b>      |

Reach: **T2.07**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>      |                |
|-------------|---------------------------|-------------------|----------------|
| 3.1         | Alluvial Fan:             | <b>None</b>       |                |
| 3.2         | Grade Control:            | <b>None</b>       |                |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>       | <u>Right</u>   |
|             |                           | <b>2211</b>       | <b>2684</b>    |
| 5.1         | Flow Regulation - Type:   | <b>None</b>       |                |
|             | Use:                      |                   |                |
| 5.2         | # of Bridges or Culverts: | <b>3</b>          |                |
|             | Total Length:             | <b>45.000</b>     |                |
| 5.3         | Armoring Length           | <u>Left</u>       | <u>Right</u>   |
|             |                           | <b>0.00000</b>    | <b>0.00000</b> |
|             | Data Armoring:            | <b>None</b>       |                |
| 5.4         | Straightening Length:     | <b>2367.86768</b> |                |
|             | Straightening Data:       |                   |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>    |                   |
|-------------|----------------------------|-----------------|-------------------|
| 5.5         | Dredging History:          | <b>None</b>     |                   |
| 6.1         | Berms & Roads Data:        |                 |                   |
|             |                            | <u>One Side</u> | <u>Both Sides</u> |
|             | Berms & Roads:             | <b>0.0000</b>   | <b>0.0000</b>     |
|             | Berm:                      | <b>0.0000</b>   | <b>0.0000</b>     |
|             | Path:                      | <b>0.000</b>    | <b>0.000</b>      |
|             | Road:                      | <b>883.7139</b> | <b>0.00000</b>    |
|             | Railroad:                  | <b>0.0000</b>   | <b>0.00</b>       |
| 6.2         | Corridor Development Data: |                 |                   |
|             | Length:                    | <b>294.8954</b> | <b>0.0000</b>     |
| 6.4         | Miander Migration:         | <b>None</b>     |                   |
|             |                            | <u>Old</u>      | <u>New</u>        |
| 7.2         | Bank Erosion:              | <b>None</b>     | <b>0.0000000</b>  |
|             | Bank Height:               | <b>N.D.</b>     | <b>0.000</b>      |



# Stream Geomorphic Assessment

## Agency of Natural Resources



Vermont.gov  
November, 22 2024

Reach: **T2.08**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>              |                |
|-------------|---------------------------|---------------------------|----------------|
| 3.1         | Alluvial Fan:             | <b>None</b>               |                |
| 3.2         | Grade Control:            | <b>Dam</b>                |                |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>               | <u>Right</u>   |
|             |                           | <b>1045</b>               | <b>1255</b>    |
| 5.1         | Flow Regulation - Type:   | <b>Small Run of River</b> |                |
|             | Use:                      | <b>Recreation</b>         |                |
| 5.2         | # of Bridges or Culverts: | <b>2</b>                  |                |
|             | Total Length:             | <b>35.000</b>             |                |
| 5.3         | Armoring Length           | <u>Left</u>               | <u>Right</u>   |
|             |                           | <b>0.00000</b>            | <b>0.00000</b> |
|             | Data Armoring:            | <b>None</b>               |                |
| 5.4         | Straightening Length:     | <b>0.00000</b>            |                |
|             | Straightening Data:       | <b>None</b>               |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>     |                   |
|-------------|----------------------------|------------------|-------------------|
| 5.5         | Dredging History:          | <b>None</b>      |                   |
| 6.1         | Berms & Roads Data:        | <u>One Side</u>  | <u>Both Sides</u> |
|             | Berms & Roads:             | <b>0.0000</b>    | <b>0.0000</b>     |
|             | Berm:                      | <b>0.0000</b>    | <b>0.0000</b>     |
|             | Path:                      | <b>0.000</b>     | <b>0.000</b>      |
|             | Road:                      | <b>1876.2068</b> | <b>0.00000</b>    |
|             | Railroad:                  | <b>0.0000</b>    | <b>0.00</b>       |
| 6.2         | Corridor Development Data: |                  |                   |
|             | Length:                    | <b>0.0000</b>    | <b>0.0000</b>     |
| 6.4         | Miander Migration:         | <b>Migration</b> |                   |
|             |                            | <u>Old</u>       | <u>New</u>        |
| 7.2         | Bank Erosion:              | <b>None</b>      | <b>0.0000000</b>  |
|             | Bank Height:               | <b>N.D.</b>      | <b>0.000</b>      |

Reach: **T3.01**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>            |                |
|-------------|---------------------------|-------------------------|----------------|
| 3.1         | Alluvial Fan:             | <b>None</b>             |                |
| 3.2         | Grade Control:            | <b>Ledge</b>            |                |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>             | <u>Right</u>   |
|             |                           | <b>390</b>              | <b>1533</b>    |
| 5.1         | Flow Regulation - Type:   | <b>Small Withdrawal</b> |                |
|             | Use:                      | <b>Other</b>            |                |
| 5.2         | # of Bridges or Culverts: | <b>4</b>                |                |
|             | Total Length:             | <b>92.000</b>           |                |
| 5.3         | Armoring Length           | <u>Left</u>             | <u>Right</u>   |
|             |                           | <b>234.557</b>          | <b>463.709</b> |
|             |                           | <b>56</b>               | <b>35</b>      |
|             | Data Armoring:            |                         |                |
| 5.4         | Straightening Length:     | <b>994.22791</b>        |                |
|             | Straightening Data:       |                         |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>     |                    |
|-------------|----------------------------|------------------|--------------------|
| 5.5         | Dredging History:          | <b>None</b>      |                    |
| 6.1         | Berms & Roads Data:        | <u>One Side</u>  | <u>Both Sides</u>  |
|             | Berms & Roads:             | <b>0.0000</b>    | <b>0.0000</b>      |
|             | Berm:                      | <b>123.0748</b>  | <b>0.0000</b>      |
|             | Path:                      | <b>0.000</b>     | <b>0.000</b>       |
|             | Road:                      | <b>1770.7676</b> | <b>0.00000</b>     |
|             | Railroad:                  | <b>0.0000</b>    | <b>0.00</b>        |
| 6.2         | Corridor Development Data: |                  |                    |
|             | Length:                    | <b>180.2588</b>  | <b>0.0000</b>      |
| 6.4         | Miander Migration:         | <b>Migration</b> |                    |
|             |                            | <u>Old</u>       | <u>New</u>         |
| 7.2         | Bank Erosion:              | <b>None</b>      | <b>280.2364502</b> |
|             | Bank Height:               | <b>N.D.</b>      | <b>3.173</b>       |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
November, 22 2024

Reach: **T3.02**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>      |                |
|-------------|---------------------------|-------------------|----------------|
| 3.1         | Alluvial Fan:             | <b>None</b>       |                |
| 3.2         | Grade Control:            | <b>Ledge</b>      |                |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>       | <u>Right</u>   |
|             |                           | <b>833</b>        | <b>1783</b>    |
| 5.1         | Flow Regulation - Type:   | <b>None</b>       |                |
|             | Use:                      |                   |                |
| 5.2         | # of Bridges or Culverts: | <b>1</b>          |                |
|             | Total Length:             | <b>15.000</b>     |                |
| 5.3         | Armoring Length           | <u>Left</u>       | <u>Right</u>   |
|             |                           | <b>1256.44</b>    | <b>811.861</b> |
|             |                           | <b>275</b>        | <b>69</b>      |
|             | Data Armoring:            |                   |                |
| 5.4         | Straightening Length:     | <b>1936.76794</b> |                |
|             | Straightening Data:       |                   |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>     |                    |
|-------------|----------------------------|------------------|--------------------|
| 5.5         | Dredging History:          | <b>None</b>      |                    |
| 6.1         | Berms & Roads Data:        |                  |                    |
|             |                            | <u>One Side</u>  | <u>Both Sides</u>  |
|             | Berms & Roads:             | <b>0.0000</b>    | <b>0.0000</b>      |
|             | Berm:                      | <b>1103.3729</b> | <b>0.0000</b>      |
|             | Path:                      | <b>0.000</b>     | <b>0.000</b>       |
|             | Road:                      | <b>3299.7517</b> | <b>0.00000</b>     |
|             | Railroad:                  | <b>0.0000</b>    | <b>0.00</b>        |
| 6.2         | Corridor Development Data: |                  |                    |
|             | Length:                    | <b>0.0000</b>    | <b>0.0000</b>      |
| 6.4         | Miander Migration:         | <b>Multiple</b>  |                    |
|             |                            | <u>Old</u>       | <u>New</u>         |
| 7.2         | Bank Erosion:              | <b>None</b>      | <b>444.9756470</b> |
|             | Bank Height:               | <b>N.D.</b>      | <b>2.423</b>       |

Reach: **T3.03**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>     |                |
|-------------|---------------------------|------------------|----------------|
| 3.1         | Alluvial Fan:             | <b>None</b>      |                |
| 3.2         | Grade Control:            | <b>Ledge</b>     |                |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>      | <u>Right</u>   |
|             |                           | <b>1067</b>      | <b>104</b>     |
| 5.1         | Flow Regulation - Type:   | <b>None</b>      |                |
|             | Use:                      |                  |                |
| 5.2         | # of Bridges or Culverts: | <b>2</b>         |                |
|             | Total Length:             | <b>105.000</b>   |                |
| 5.3         | Armoring Length           | <u>Left</u>      | <u>Right</u>   |
|             |                           | <b>1025.00</b>   | <b>48.5326</b> |
|             |                           | <b>354</b>       | <b>1</b>       |
|             | Data Armoring:            |                  |                |
| 5.4         | Straightening Length:     | <b>478.88828</b> |                |
|             | Straightening Data:       |                  |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>     |                    |
|-------------|----------------------------|------------------|--------------------|
| 5.5         | Dredging History:          | <b>None</b>      |                    |
| 6.1         | Berms & Roads Data:        |                  |                    |
|             |                            | <u>One Side</u>  | <u>Both Sides</u>  |
|             | Berms & Roads:             | <b>0.0000</b>    | <b>0.0000</b>      |
|             | Berm:                      | <b>0.0000</b>    | <b>0.0000</b>      |
|             | Path:                      | <b>0.000</b>     | <b>0.000</b>       |
|             | Road:                      | <b>1924.0076</b> | <b>0.00000</b>     |
|             | Railroad:                  | <b>0.0000</b>    | <b>0.00</b>        |
| 6.2         | Corridor Development Data: |                  |                    |
|             | Length:                    | <b>0.0000</b>    | <b>0.0000</b>      |
| 6.4         | Miander Migration:         | <b>Multiple</b>  |                    |
|             |                            | <u>Old</u>       | <u>New</u>         |
| 7.2         | Bank Erosion:              | <b>None</b>      | <b>178.8635712</b> |
|             | Bank Height:               | <b>N.D.</b>      | <b>2.815</b>       |





# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
November, 22 2024

Reach: **T3.04**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>    |                |
|-------------|---------------------------|-----------------|----------------|
| 3.1         | Alluvial Fan:             | <b>None</b>     |                |
| 3.2         | Grade Control:            | <b>Multiple</b> |                |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>     | <u>Right</u>   |
|             |                           | <b>1431</b>     | <b>1386</b>    |
| 5.1         | Flow Regulation - Type:   | <b>None</b>     |                |
|             | Use:                      |                 |                |
| 5.2         | # of Bridges or Culverts: | <b>2</b>        |                |
|             | Total Length:             | <b>105.000</b>  |                |
| 5.3         | Armoring Length           | <u>Left</u>     | <u>Right</u>   |
|             |                           | <b>521.910</b>  | <b>1500.43</b> |
|             |                           | <b>89</b>       | <b>848</b>     |
|             | Data Armoring:            |                 |                |
| 5.4         | Straightening Length:     | <b>0.00000</b>  |                |
|             | Straightening Data:       | <b>None</b>     |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>     |                    |
|-------------|----------------------------|------------------|--------------------|
| 5.5         | Dredging History:          | <b>Dredging</b>  |                    |
| 6.1         | Berms & Roads Data:        |                  |                    |
|             |                            | <u>One Side</u>  | <u>Both Sides</u>  |
|             | Berms & Roads:             | <b>0.0000</b>    | <b>0.0000</b>      |
|             | Berm:                      | <b>0.0000</b>    | <b>0.0000</b>      |
|             | Path:                      | <b>0.000</b>     | <b>0.000</b>       |
|             | Road:                      | <b>2901.9055</b> | <b>0.00000</b>     |
|             | Railroad:                  | <b>0.0000</b>    | <b>0.00</b>        |
| 6.2         | Corridor Development Data: |                  |                    |
|             | Length:                    | <b>0.0000</b>    | <b>0.0000</b>      |
| 6.4         | Miander Migration:         | <b>Avulsion</b>  |                    |
|             |                            | <u>Old</u>       | <u>New</u>         |
| 7.2         | Bank Erosion:              | <b>None</b>      | <b>173.7842407</b> |
|             | Bank Height:               | <b>N.D.</b>      | <b>5.016</b>       |

Reach: **T3.05**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>   |                |
|-------------|---------------------------|----------------|----------------|
| 3.1         | Alluvial Fan:             | <b>None</b>    |                |
| 3.2         | Grade Control:            | <b>None</b>    |                |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>    | <u>Right</u>   |
|             |                           | <b>2579</b>    | <b>1790</b>    |
| 5.1         | Flow Regulation - Type:   | <b>None</b>    |                |
|             | Use:                      |                |                |
| 5.2         | # of Bridges or Culverts: | <b>3</b>       |                |
|             | Total Length:             | <b>90.000</b>  |                |
| 5.3         | Armoring Length           | <u>Left</u>    | <u>Right</u>   |
|             |                           | <b>0.00000</b> | <b>0.00000</b> |
|             | Data Armoring:            | <b>None</b>    |                |
| 5.4         | Straightening Length:     | <b>0.00000</b> |                |
|             | Straightening Data:       | <b>None</b>    |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>     |                   |
|-------------|----------------------------|------------------|-------------------|
| 5.5         | Dredging History:          | <b>None</b>      |                   |
| 6.1         | Berms & Roads Data:        |                  |                   |
|             |                            | <u>One Side</u>  | <u>Both Sides</u> |
|             | Berms & Roads:             | <b>0.0000</b>    | <b>0.0000</b>     |
|             | Berm:                      | <b>0.0000</b>    | <b>0.0000</b>     |
|             | Path:                      | <b>0.000</b>     | <b>0.000</b>      |
|             | Road:                      | <b>2802.9783</b> | <b>0.00000</b>    |
|             | Railroad:                  | <b>0.0000</b>    | <b>0.00</b>       |
| 6.2         | Corridor Development Data: |                  |                   |
|             | Length:                    | <b>314.2135</b>  | <b>0.0000</b>     |
| 6.4         | Miander Migration:         | <b>None</b>      |                   |
|             |                            | <u>Old</u>       | <u>New</u>        |
| 7.2         | Bank Erosion:              | <b>None</b>      | <b>0.0000000</b>  |
|             | Bank Height:               | <b>N.D.</b>      | <b>0.000</b>      |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
November, 22 2024

Reach: **T3.06**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>   |                |
|-------------|---------------------------|----------------|----------------|
| 3.1         | Alluvial Fan:             | <b>None</b>    |                |
| 3.2         | Grade Control:            | <b>None</b>    |                |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>    | <u>Right</u>   |
|             |                           | <b>0</b>       | <b>0</b>       |
| 5.1         | Flow Regulation - Type:   | <b>None</b>    |                |
|             | Use:                      |                |                |
| 5.2         | # of Bridges or Culverts: | <b>0</b>       |                |
|             | Total Length:             | <b>0.000</b>   |                |
| 5.3         | Armoring Length           | <u>Left</u>    | <u>Right</u>   |
|             |                           | <b>0.00000</b> | <b>0.00000</b> |
|             | Data Armoring:            | <b>None</b>    |                |
| 5.4         | Straightening Length:     | <b>0.00000</b> |                |
|             | Straightening Data:       | <b>None</b>    |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>    |                   |
|-------------|----------------------------|-----------------|-------------------|
| 5.5         | Dredging History:          | <b>None</b>     |                   |
| 6.1         | Berms & Roads Data:        | <u>One Side</u> | <u>Both Sides</u> |
|             | Berms & Roads:             | <b>0.0000</b>   | <b>0.0000</b>     |
|             | Berm:                      | <b>0.0000</b>   | <b>0.0000</b>     |
|             | Path:                      | <b>0.000</b>    | <b>0.000</b>      |
|             | Road:                      | <b>0.0000</b>   | <b>0.00000</b>    |
|             | Railroad:                  | <b>0.0000</b>   | <b>0.00</b>       |
| 6.2         | Corridor Development Data: |                 |                   |
|             | Length:                    | <b>0.0000</b>   | <b>0.0000</b>     |
| 6.4         | Miander Migration:         | <b>None</b>     |                   |
|             |                            | <u>Old</u>      | <u>New</u>        |
| 7.2         | Bank Erosion:              | <b>None</b>     | <b>0.0000000</b>  |
|             | Bank Height:               | <b>N.D.</b>     | <b>0.000</b>      |

Reach: **T4.01**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>   |                 |
|-------------|---------------------------|----------------|-----------------|
| 3.1         | Alluvial Fan:             | <b>Yes</b>     |                 |
| 3.2         | Grade Control:            | <b>Ledge</b>   |                 |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>    | <u>Right</u>    |
|             |                           | <b>980</b>     | <b>228</b>      |
| 5.1         | Flow Regulation - Type:   | <b>None</b>    |                 |
|             | Use:                      |                |                 |
| 5.2         | # of Bridges or Culverts: | <b>2</b>       |                 |
|             | Total Length:             | <b>52.000</b>  |                 |
| 5.3         | Armoring Length           | <u>Left</u>    | <u>Right</u>    |
|             |                           | <b>0.00000</b> | <b>20.62176</b> |
|             | Data Armoring:            |                |                 |
| 5.4         | Straightening Length:     | <b>0.00000</b> |                 |
|             | Straightening Data:       | <b>None</b>    |                 |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>     |                     |
|-------------|----------------------------|------------------|---------------------|
| 5.5         | Dredging History:          | <b>Dredging</b>  |                     |
| 6.1         | Berms & Roads Data:        | <u>One Side</u>  | <u>Both Sides</u>   |
|             | Berms & Roads:             | <b>0.0000</b>    | <b>0.0000</b>       |
|             | Berm:                      | <b>365.6519</b>  | <b>0.0000</b>       |
|             | Path:                      | <b>0.000</b>     | <b>0.000</b>        |
|             | Road:                      | <b>2151.2444</b> | <b>0.00000</b>      |
|             | Railroad:                  | <b>0.0000</b>    | <b>0.00</b>         |
| 6.2         | Corridor Development Data: |                  |                     |
|             | Length:                    | <b>584.6795</b>  | <b>0.0000</b>       |
| 6.4         | Miander Migration:         | <b>Multiple</b>  |                     |
|             |                            | <u>Old</u>       | <u>New</u>          |
| 7.2         | Bank Erosion:              | <b>None</b>      | <b>3398.5012207</b> |
|             | Bank Height:               | <b>N.D.</b>      | <b>7.544</b>        |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
November, 22 2024

Reach: **T4.02**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>   |                |
|-------------|---------------------------|----------------|----------------|
| 3.1         | Alluvial Fan:             | <b>None</b>    |                |
| 3.2         | Grade Control:            | <b>None</b>    |                |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>    | <u>Right</u>   |
|             |                           | <b>0</b>       | <b>0</b>       |
| 5.1         | Flow Regulation - Type:   | <b>None</b>    |                |
|             | Use:                      |                |                |
| 5.2         | # of Bridges or Culverts: | <b>1</b>       |                |
|             | Total Length:             | <b>25.000</b>  |                |
| 5.3         | Armoring Length           | <u>Left</u>    | <u>Right</u>   |
|             |                           | <b>0.00000</b> | <b>0.00000</b> |
|             | Data Armoring:            | <b>None</b>    |                |
| 5.4         | Straightening Length:     | <b>0.00000</b> |                |
|             | Straightening Data:       | <b>None</b>    |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>    |                    |
|-------------|----------------------------|-----------------|--------------------|
| 5.5         | Dredging History:          | <b>None</b>     |                    |
| 6.1         | Berms & Roads Data:        |                 |                    |
|             |                            | <u>One Side</u> | <u>Both Sides</u>  |
|             | Berms & Roads:             | <b>0.0000</b>   | <b>0.0000</b>      |
|             | Berm:                      | <b>0.0000</b>   | <b>0.0000</b>      |
|             | Path:                      | <b>0.000</b>    | <b>0.000</b>       |
|             | Road:                      | <b>0.0000</b>   | <b>0.00000</b>     |
|             | Railroad:                  | <b>0.0000</b>   | <b>0.00</b>        |
| 6.2         | Corridor Development Data: |                 |                    |
|             | Length:                    | <b>0.0000</b>   | <b>0.0000</b>      |
| 6.4         | Miander Migration:         | <b>Multiple</b> |                    |
|             |                            | <u>Old</u>      | <u>New</u>         |
| 7.2         | Bank Erosion:              | <b>None</b>     | <b>2561.303466</b> |
|             |                            |                 | <b>8</b>           |
|             | Bank Height:               | <b>N.D.</b>     | <b>6.148</b>       |

Reach: **T1.01.S3.01**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>     |                |
|-------------|---------------------------|------------------|----------------|
| 3.1         | Alluvial Fan:             | <b>None</b>      |                |
| 3.2         | Grade Control:            | <b>None</b>      |                |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>      | <u>Right</u>   |
|             |                           | <b>1486</b>      | <b>562</b>     |
| 5.1         | Flow Regulation - Type:   | <b>None</b>      |                |
|             | Use:                      |                  |                |
| 5.2         | # of Bridges or Culverts: | <b>2</b>         |                |
|             | Total Length:             | <b>50.000</b>    |                |
| 5.3         | Armoring Length           | <u>Left</u>      | <u>Right</u>   |
|             |                           | <b>0.00000</b>   | <b>0.00000</b> |
|             | Data Armoring:            | <b>None</b>      |                |
| 5.4         | Straightening Length:     | <b>432.10605</b> |                |
|             | Straightening Data:       |                  |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>    |                   |
|-------------|----------------------------|-----------------|-------------------|
| 5.5         | Dredging History:          | <b>None</b>     |                   |
| 6.1         | Berms & Roads Data:        |                 |                   |
|             |                            | <u>One Side</u> | <u>Both Sides</u> |
|             | Berms & Roads:             | <b>0.0000</b>   | <b>0.0000</b>     |
|             | Berm:                      | <b>0.0000</b>   | <b>0.0000</b>     |
|             | Path:                      | <b>0.000</b>    | <b>0.000</b>      |
|             | Road:                      | <b>0.0000</b>   | <b>0.00000</b>    |
|             | Railroad:                  | <b>0.0000</b>   | <b>0.00</b>       |
| 6.2         | Corridor Development Data: |                 |                   |
|             | Length:                    | <b>172.2956</b> | <b>0.0000</b>     |
| 6.4         | Miander Migration:         | <b>None</b>     |                   |
|             |                            | <u>Old</u>      | <u>New</u>        |
| 7.2         | Bank Erosion:              | <b>None</b>     | <b>0.0000000</b>  |
|             | Bank Height:               | <b>N.D.</b>     | <b>0.000</b>      |



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
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Reach: **T1.01.S4.01**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>              |                |
|-------------|---------------------------|---------------------------|----------------|
| 3.1         | Alluvial Fan:             | <b>None</b>               |                |
| 3.2         | Grade Control:            | <b>Dam</b>                |                |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>               | <u>Right</u>   |
|             |                           | <b>2945</b>               | <b>2447</b>    |
| 5.1         | Flow Regulation - Type:   | <b>Small Run of River</b> |                |
|             | Use:                      | <b>Recreation</b>         |                |
| 5.2         | # of Bridges or Culverts: | <b>10</b>                 |                |
|             | Total Length:             | <b>188.000</b>            |                |
| 5.3         | Armoring Length           | <u>Left</u>               | <u>Right</u>   |
|             |                           | <b>406.169</b>            | <b>815.245</b> |
|             |                           | <b>56</b>                 | <b>12</b>      |
|             | Data Armoring:            |                           |                |
| 5.4         | Straightening Length:     | <b>3092.22998</b>         |                |
|             | Straightening Data:       |                           |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>     |                    |
|-------------|----------------------------|------------------|--------------------|
| 5.5         | Dredging History:          | <b>Dredging</b>  |                    |
| 6.1         | Berms & Roads Data:        |                  |                    |
|             |                            | <u>One Side</u>  | <u>Both Sides</u>  |
|             | Berms & Roads:             | <b>0.0000</b>    | <b>0.0000</b>      |
|             | Berm:                      | <b>0.0000</b>    | <b>0.0000</b>      |
|             | Path:                      | <b>0.000</b>     | <b>0.000</b>       |
|             | Road:                      | <b>4326.4185</b> | <b>0.00000</b>     |
|             | Railroad:                  | <b>0.0000</b>    | <b>0.00</b>        |
| 6.2         | Corridor Development Data: |                  |                    |
|             | Length:                    | <b>424.1527</b>  | <b>0.0000</b>      |
| 6.4         | Miander Migration:         | <b>None</b>      |                    |
|             |                            | <u>Old</u>       | <u>New</u>         |
| 7.2         | Bank Erosion:              | <b>None</b>      | <b>294.0070190</b> |
|             | Bank Height:               | <b>N.D.</b>      | <b>5.057</b>       |