



# Stream Geomorphic Assessment

Agency of Natural Resources

VT DEC

Vermont.gov  
May, 20 2024

## Phase 1 - FIT - Legacy Data Report

## Ball Mountain Brook

SGAT Version: 4.56

Reach: **T0801**

| <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><br>0 0                                     |
| 5.1         | Flow Regulation - Type:   | <b>None</b>                                                         |
|             | Use:                      |                                                                     |
| 5.2         | # of Bridges or Culverts: | <b>3</b>                                                            |
|             | Total Length:             | <b>622.000</b>                                                      |
| 5.3         | Armoring Length           | <u>Left</u> <u>Right</u><br><b>478.810 1318.32</b><br><b>00 996</b> |
|             | Data Armoring:            |                                                                     |
| 5.4         | Straightening Length:     | <b>1294.25000</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>3769.4700 0.0000</b>           |
|             | Berm:                      | <b>1832.1100 0.0000</b>           |
|             | Path:                      | <b>0.000 0.000</b>                |
|             | Road:                      | <b>1937.3600 0.00000</b>          |
|             | Railroad:                  | <b>0.0000 0.00</b>                |
| 6.2         | Corridor Development Data: |                                   |
|             | Length:                    | <b>0.0000 2291.8000</b>           |
| 6.4         | Miander Migration:         | <b>None</b>                       |
|             |                            | <u>Old</u> <u>New</u>             |
| 7.2         | Bank Erosion:              | <b>None 262.8699951</b>           |
|             | Bank Height:               | <b>N.D. 0.000</b>                 |

Reach: **T08.01-S1.01**

| <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><br>0 0                    |
| 5.1         | Flow Regulation - Type:   | <b>None</b>                                        |
|             | Use:                      |                                                    |
| 5.2         | # of Bridges or Culverts: | <b>2</b>                                           |
|             | Total Length:             | <b>313.000</b>                                     |
| 5.3         | Armoring Length           | <u>Left</u> <u>Right</u><br><b>0.00000 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>6431.8696 0.0000</b>           |
|             | Berm:                      | <b>942.7600 0.0000</b>            |
|             | Path:                      | <b>0.000 0.000</b>                |
|             | Road:                      | <b>5489.1099 0.00000</b>          |
|             | Railroad:                  | <b>0.0000 0.00</b>                |
| 6.2         | Corridor Development Data: |                                   |
|             | Length:                    | <b>697.3000 833.7400</b>          |
| 6.4         | Miander Migration:         | <b>None</b>                       |
|             |                            | <u>Old</u> <u>New</u>             |
| 7.2         | Bank Erosion:              | <b>None 0.0000000</b>             |
|             | Bank Height:               | <b>N.D. 0.000</b>                 |



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|                            |                           |                |                |                |                            |                   |                  |
|----------------------------|---------------------------|----------------|----------------|----------------|----------------------------|-------------------|------------------|
| Reach: <b>T08.01-S1.02</b> |                           |                |                | <u>Step</u>    | <u>Description</u>         | <u>Value</u>      |                  |
| <u>Step</u>                | <u>Description</u>        | <u>Value</u>   |                | 5.5            | Dredging History:          | <b>None</b>       |                  |
| 3.1                        | Alluvial Fan:             | <b>None</b>    |                | 6.1            | Berms & Roads Data:        |                   |                  |
| 3.2                        | Grade Control:            | <b>None</b>    |                |                | <u>One Side</u>            | <u>Both Sides</u> |                  |
| 4.3                        | Buffer Less Than 25 ft    | <u>Left</u>    | <u>Right</u>   | Berms & Roads: | <b>2230.6001</b>           | <b>0.0000</b>     |                  |
|                            |                           | <b>0</b>       | <b>0</b>       | Berm:          | <b>0.0000</b>              | <b>0.0000</b>     |                  |
| 5.1                        | Flow Regulation - Type:   | <b>None</b>    |                | Path:          | <b>0.000</b>               | <b>0.000</b>      |                  |
|                            | Use:                      |                |                | Road:          | <b>2230.6001</b>           | <b>0.00000</b>    |                  |
| 5.2                        | # of Bridges or Culverts: | <b>4</b>       |                | Railroad:      | <b>0.0000</b>              | <b>0.00</b>       |                  |
|                            | Total Length:             | <b>468.000</b> |                | 6.2            | Corridor Development Data: |                   |                  |
| 5.3                        | Armoring Length           | <u>Left</u>    | <u>Right</u>   | Length:        | <b>0.0000</b>              | <b>0.0000</b>     |                  |
|                            |                           | <b>0.00000</b> | <b>0.00000</b> | 6.4            | Miander Migration:         | <b>None</b>       |                  |
|                            | Data Armoring:            | <b>None</b>    |                |                | <u>Old</u>                 | <u>New</u>        |                  |
| 5.4                        | Straightening Length:     | <b>0.00000</b> |                | 7.2            | Bank Erosion:              | <b>None</b>       | <b>0.0000000</b> |
|                            | Straightening Data:       | <b>None</b>    |                |                | Bank Height:               | <b>N.D.</b>       | <b>0.000</b>     |

|                     |                           |                   |                |                |                            |                   |                  |
|---------------------|---------------------------|-------------------|----------------|----------------|----------------------------|-------------------|------------------|
| Reach: <b>T0802</b> |                           |                   |                | <u>Step</u>    | <u>Description</u>         | <u>Value</u>      |                  |
| <u>Step</u>         | <u>Description</u>        | <u>Value</u>      |                | 5.5            | Dredging History:          | <b>None</b>       |                  |
| 3.1                 | Alluvial Fan:             | <b>None</b>       |                | 6.1            | Berms & Roads Data:        |                   |                  |
| 3.2                 | Grade Control:            | <b>None</b>       |                |                | <u>One Side</u>            | <u>Both Sides</u> |                  |
| 4.3                 | Buffer Less Than 25 ft    | <u>Left</u>       | <u>Right</u>   | Berms & Roads: | <b>2023.8600</b>           | <b>0.0000</b>     |                  |
|                     |                           | <b>0</b>          | <b>0</b>       | Berm:          | <b>1018.8900</b>           | <b>0.0000</b>     |                  |
| 5.1                 | Flow Regulation - Type:   | <b>None</b>       |                | Path:          | <b>0.000</b>               | <b>0.000</b>      |                  |
|                     | Use:                      |                   |                | Road:          | <b>1004.9700</b>           | <b>0.00000</b>    |                  |
| 5.2                 | # of Bridges or Culverts: | <b>0</b>          |                | Railroad:      | <b>0.0000</b>              | <b>0.00</b>       |                  |
|                     | Total Length:             | <b>0.000</b>      |                | 6.2            | Corridor Development Data: |                   |                  |
| 5.3                 | Armoring Length           | <u>Left</u>       | <u>Right</u>   | Length:        | <b>0.0000</b>              | <b>1216.2800</b>  |                  |
|                     |                           | <b>0.00000</b>    | <b>0.00000</b> | 6.4            | Miander Migration:         | <b>Migration</b>  |                  |
|                     | Data Armoring:            | <b>None</b>       |                |                | <u>Old</u>                 | <u>New</u>        |                  |
| 5.4                 | Straightening Length:     | <b>1284.16003</b> |                | 7.2            | Bank Erosion:              | <b>None</b>       | <b>0.0000000</b> |
|                     | Straightening Data:       |                   |                |                | Bank Height:               | <b>N.D.</b>       | <b>0.000</b>     |



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|                     |                           |                   |                  |                |                            |                    |
|---------------------|---------------------------|-------------------|------------------|----------------|----------------------------|--------------------|
| Reach: <b>T0803</b> |                           |                   |                  | <u>Step</u>    | <u>Description</u>         | <u>Value</u>       |
| <u>Step</u>         | <u>Description</u>        | <u>Value</u>      |                  | 5.5            | Dredging History:          | <b>None</b>        |
| 3.1                 | Alluvial Fan:             | <b>None</b>       |                  | 6.1            | Berms & Roads Data:        |                    |
| 3.2                 | Grade Control:            | <b>Ledge</b>      |                  |                | <u>One Side</u>            | <u>Both Sides</u>  |
| 4.3                 | Buffer Less Than 25 ft    | <u>Left</u>       | <u>Right</u>     | Berms & Roads: | <b>10915.6699</b>          | <b>0.0000</b>      |
|                     |                           | <b>0</b>          | <b>0</b>         | Berm:          | <b>4114.3701</b>           | <b>0.0000</b>      |
| 5.1                 | Flow Regulation - Type:   | <b>None</b>       |                  | Path:          | <b>0.000</b>               | <b>0.000</b>       |
|                     | Use:                      |                   |                  | Road:          | <b>6801.2998</b>           | <b>0.00000</b>     |
| 5.2                 | # of Bridges or Culverts: | <b>0</b>          |                  | Railroad:      | <b>0.0000</b>              | <b>0.00</b>        |
|                     | Total Length:             | <b>0.000</b>      |                  | 6.2            | Corridor Development Data: |                    |
| 5.3                 | Armoring Length           | <u>Left</u>       | <u>Right</u>     | Length:        | <b>1744.6500</b>           | <b>1795.6100</b>   |
|                     |                           | <b>1300.41992</b> | <b>642.34003</b> | 6.4            | Miander Migration:         | <b>Flood Chute</b> |
|                     | Data Armoring:            |                   |                  |                | <u>Old</u>                 | <u>New</u>         |
| 5.4                 | Straightening Length:     | <b>0.00000</b>    |                  | 7.2            | Bank Erosion:              | <b>None</b>        |
|                     | Straightening Data:       | <b>None</b>       |                  |                | Bank Height:               | <b>N.D.</b>        |
|                     |                           |                   |                  |                |                            | <b>6.464</b>       |

|                     |                           |                |                   |                |                            |                    |
|---------------------|---------------------------|----------------|-------------------|----------------|----------------------------|--------------------|
| Reach: <b>T0804</b> |                           |                |                   | <u>Step</u>    | <u>Description</u>         | <u>Value</u>       |
| <u>Step</u>         | <u>Description</u>        | <u>Value</u>   |                   | 5.5            | Dredging History:          | <b>None</b>        |
| 3.1                 | Alluvial Fan:             | <b>None</b>    |                   | 6.1            | Berms & Roads Data:        |                    |
| 3.2                 | Grade Control:            | <b>None</b>    |                   |                | <u>One Side</u>            | <u>Both Sides</u>  |
| 4.3                 | Buffer Less Than 25 ft    | <u>Left</u>    | <u>Right</u>      | Berms & Roads: | <b>5940.7202</b>           | <b>401.3400</b>    |
|                     |                           | <b>0</b>       | <b>0</b>          | Berm:          | <b>2571.2600</b>           | <b>0.0000</b>      |
| 5.1                 | Flow Regulation - Type:   | <b>None</b>    |                   | Path:          | <b>0.000</b>               | <b>0.000</b>       |
|                     | Use:                      |                |                   | Road:          | <b>3369.4600</b>           | <b>401.34000</b>   |
| 5.2                 | # of Bridges or Culverts: | <b>2</b>       |                   | Railroad:      | <b>0.0000</b>              | <b>0.00</b>        |
|                     | Total Length:             | <b>621.000</b> |                   | 6.2            | Corridor Development Data: |                    |
| 5.3                 | Armoring Length           | <u>Left</u>    | <u>Right</u>      | Length:        | <b>0.0000</b>              | <b>1197.4600</b>   |
|                     |                           | <b>0.00000</b> | <b>1230.83997</b> | 6.4            | Miander Migration:         | <b>Flood Chute</b> |
|                     | Data Armoring:            |                |                   |                | <u>Old</u>                 | <u>New</u>         |
| 5.4                 | Straightening Length:     | <b>0.00000</b> |                   | 7.2            | Bank Erosion:              | <b>None</b>        |
|                     | Straightening Data:       | <b>None</b>    |                   |                | Bank Height:               | <b>N.D.</b>        |
|                     |                           |                |                   |                |                            | <b>0.000</b>       |



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Reach: **T08.04-S1.01**

| <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>0 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>1605.87 0.00000</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>6774.7998 0.0000</b>           |
|             | Berm:                      | <b>3513.1599 0.0000</b>           |
|             | Path:                      | <b>0.000 0.000</b>                |
|             | Road:                      | <b>3261.6399 0.00000</b>          |
|             | Railroad:                  | <b>0.0000 0.00</b>                |
| 6.2         | Corridor Development Data: |                                   |
|             | Length:                    | <b>651.6800 377.2300</b>          |
| 6.4         | Miander Migration:         | <b>Multiple</b>                   |
|             |                            | <u>Old</u> <u>New</u>             |
| 7.2         | Bank Erosion:              | <b>None 358.9500122</b>           |
|             | Bank Height:               | <b>N.D. 0.000</b>                 |

Reach: **T08.04-S1.02**

| <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 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>740.400 0.00000</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>1593.0800 0.0000</b>           |
|             | Berm:                      | <b>542.7400 0.0000</b>            |
|             | Path:                      | <b>0.000 0.000</b>                |
|             | Road:                      | <b>1050.3400 0.00000</b>          |
|             | Railroad:                  | <b>0.0000 0.00</b>                |
| 6.2         | Corridor Development Data: |                                   |
|             | Length:                    | <b>0.0000 0.0000</b>              |
| 6.4         | Miander Migration:         | <b>Migration</b>                  |
|             |                            | <u>Old</u> <u>New</u>             |
| 7.2         | Bank Erosion:              | <b>None 0.0000000</b>             |
|             | Bank Height:               | <b>N.D. 0.000</b>                 |



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Reach: **T08.04-S1.03**

| <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>0              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>866.580      0.00000</b> |
|             |                           | <b>02</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>4857.0601      0.0000</b>      |
|             | Berm:                      | <b>2426.8401      0.0000</b>      |
|             | Path:                      | <b>0.000      0.000</b>           |
|             | Road:                      | <b>2430.2200      0.00000</b>     |
|             | Railroad:                  | <b>0.0000      0.00</b>           |
| 6.2         | Corridor Development Data: |                                   |
|             | Length:                    | <b>608.2900      0.0000</b>       |
| 6.4         | Miander Migration:         | <b>Flood Chute</b>                |
|             |                            | <u>Old</u> <u>New</u>             |
| 7.2         | Bank Erosion:              | <b>None      0.0000000</b>        |
|             | Bank Height:               | <b>N.D.      0.000</b>            |

Reach: **T08.04-S1.04**

| <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              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>1401.80      0.00000</b> |
|             |                           | <b>005</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>3536.6399      0.0000</b>      |
|             | Berm:                      | <b>830.7200      0.0000</b>       |
|             | Path:                      | <b>0.000      0.000</b>           |
|             | Road:                      | <b>2705.9199      0.00000</b>     |
|             | Railroad:                  | <b>0.0000      0.00</b>           |
| 6.2         | Corridor Development Data: |                                   |
|             | Length:                    | <b>282.8900      0.0000</b>       |
| 6.4         | Miander Migration:         | <b>None</b>                       |
|             |                            | <u>Old</u> <u>New</u>             |
| 7.2         | Bank Erosion:              | <b>None      340.6199951</b>      |
|             | Bank Height:               | <b>N.D.      0.000</b>            |



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|                                  |                           |                |                |                |                            |                    |
|----------------------------------|---------------------------|----------------|----------------|----------------|----------------------------|--------------------|
| Reach: <b>T08.04-S1.04-S1.01</b> |                           |                |                | <u>Step</u>    | <u>Description</u>         | <u>Value</u>       |
| <u>Step</u>                      | <u>Description</u>        | <u>Value</u>   |                | 5.5            | Dredging History:          | <b>None</b>        |
| 3.1                              | Alluvial Fan:             | <b>None</b>    |                | 6.1            | Berms & Roads Data:        |                    |
| 3.2                              | Grade Control:            | <b>Ledge</b>   |                |                | <u>One Side</u>            | <u>Both Sides</u>  |
| 4.3                              | Buffer Less Than 25 ft    | <u>Left</u>    | <u>Right</u>   | Berms & Roads: | <b>6267.9199</b>           | <b>0.0000</b>      |
|                                  |                           | <b>0</b>       | <b>0</b>       | Berm:          | <b>1390.0300</b>           | <b>0.0000</b>      |
| 5.1                              | Flow Regulation - Type:   | <b>None</b>    |                | Path:          | <b>0.000</b>               | <b>0.000</b>       |
|                                  | Use:                      |                |                | Road:          | <b>4877.8901</b>           | <b>0.00000</b>     |
| 5.2                              | # of Bridges or Culverts: | <b>6</b>       |                | Railroad:      | <b>0.0000</b>              | <b>0.00</b>        |
|                                  | Total Length:             | <b>732.000</b> |                | 6.2            | Corridor Development Data: |                    |
| 5.3                              | Armoring Length           | <u>Left</u>    | <u>Right</u>   | Length:        | <b>489.2200</b>            | <b>0.0000</b>      |
|                                  |                           | <b>150.280</b> | <b>0.00000</b> | 6.4            | Miander Migration:         | <b>Flood Chute</b> |
|                                  |                           | <b>00</b>      |                |                | <u>Old</u>                 | <u>New</u>         |
|                                  | Data Armoring:            |                |                | 7.2            | Bank Erosion:              | <b>None</b>        |
| 5.4                              | Straightening Length:     | <b>0.00000</b> |                |                |                            | <b>1186.630004</b> |
|                                  |                           |                |                |                |                            | <b>9</b>           |
|                                  | Straightening Data:       | <b>None</b>    |                | Bank Height:   | <b>N.D.</b>                | <b>0.000</b>       |

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|                                  |                           |                |                |                |                            |                   |
|----------------------------------|---------------------------|----------------|----------------|----------------|----------------------------|-------------------|
| Reach: <b>T08.04-S1.04-S1.02</b> |                           |                |                | <u>Step</u>    | <u>Description</u>         | <u>Value</u>      |
| <u>Step</u>                      | <u>Description</u>        | <u>Value</u>   |                | 5.5            | Dredging History:          | <b>None</b>       |
| 3.1                              | Alluvial Fan:             | <b>None</b>    |                | 6.1            | Berms & Roads Data:        |                   |
| 3.2                              | Grade Control:            | <b>None</b>    |                |                | <u>One Side</u>            | <u>Both Sides</u> |
| 4.3                              | Buffer Less Than 25 ft    | <u>Left</u>    | <u>Right</u>   | Berms & Roads: | <b>697.5300</b>            | <b>0.0000</b>     |
|                                  |                           | <b>0</b>       | <b>0</b>       | Berm:          | <b>0.0000</b>              | <b>0.0000</b>     |
| 5.1                              | Flow Regulation - Type:   | <b>None</b>    |                | Path:          | <b>0.000</b>               | <b>0.000</b>      |
|                                  | Use:                      |                |                | Road:          | <b>697.5300</b>            | <b>0.00000</b>    |
| 5.2                              | # of Bridges or Culverts: | <b>3</b>       |                | Railroad:      | <b>0.0000</b>              | <b>0.00</b>       |
|                                  | Total Length:             | <b>622.000</b> |                | 6.2            | Corridor Development Data: |                   |
| 5.3                              | Armoring Length           | <u>Left</u>    | <u>Right</u>   | Length:        | <b>0.0000</b>              | <b>0.0000</b>     |
|                                  |                           | <b>0.00000</b> | <b>0.00000</b> | 6.4            | Miander Migration:         | <b>None</b>       |
|                                  | Data Armoring:            | <b>None</b>    |                |                | <u>Old</u>                 | <u>New</u>        |
| 5.4                              | Straightening Length:     | <b>0.00000</b> |                | 7.2            | Bank Erosion:              | <b>None</b>       |
|                                  |                           |                |                |                |                            | <b>0.0000000</b>  |
|                                  | Straightening Data:       | <b>None</b>    |                | Bank Height:   | <b>N.D.</b>                | <b>0.000</b>      |



# Stream Geomorphic Assessment

## Agency of Natural Resources

VT DEC

Vermont.gov  
May, 20 2024

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|----------------------------|---------------------------|----------------|----------------|----------------|----------------------------|-------------------|--------------------|
| Reach: <b>T08.04-S1.05</b> |                           |                |                | <u>Step</u>    | <u>Description</u>         | <u>Value</u>      |                    |
| <u>Step</u>                | <u>Description</u>        | <u>Value</u>   |                | 5.5            | Dredging History:          | <b>None</b>       |                    |
| 3.1                        | Alluvial Fan:             | <b>None</b>    |                | 6.1            | Berms & Roads Data:        |                   |                    |
| 3.2                        | Grade Control:            | <b>None</b>    |                |                | <u>One Side</u>            | <u>Both Sides</u> |                    |
| 4.3                        | Buffer Less Than 25 ft    | <u>Left</u>    | <u>Right</u>   | Berms & Roads: | <b>588.3100</b>            | <b>0.0000</b>     |                    |
|                            |                           | <b>0</b>       | <b>0</b>       | Berm:          | <b>588.3100</b>            | <b>0.0000</b>     |                    |
| 5.1                        | Flow Regulation - Type:   | <b>None</b>    |                | Path:          | <b>0.000</b>               | <b>0.000</b>      |                    |
|                            | Use:                      |                |                | Road:          | <b>0.0000</b>              | <b>0.00000</b>    |                    |
| 5.2                        | # of Bridges or Culverts: | <b>0</b>       |                | Railroad:      | <b>0.0000</b>              | <b>0.00</b>       |                    |
|                            | Total Length:             | <b>0.000</b>   |                | 6.2            | Corridor Development Data: |                   |                    |
| 5.3                        | Armoring Length           | <u>Left</u>    | <u>Right</u>   | Length:        | <b>0.0000</b>              | <b>0.0000</b>     |                    |
|                            |                           | <b>0.00000</b> | <b>0.00000</b> | 6.4            | Miander Migration:         | <b>None</b>       |                    |
|                            | Data Armoring:            | <b>None</b>    |                |                | <u>Old</u>                 | <u>New</u>        |                    |
| 5.4                        | Straightening Length:     | <b>0.00000</b> |                | 7.2            | Bank Erosion:              | <b>None</b>       | <b>406.8200073</b> |
|                            | Straightening Data:       | <b>None</b>    |                |                | Bank Height:               | <b>N.D.</b>       | <b>0.000</b>       |

|                            |                           |                |                |                |                            |                   |                    |
|----------------------------|---------------------------|----------------|----------------|----------------|----------------------------|-------------------|--------------------|
| Reach: <b>T08.04-S1.06</b> |                           |                |                | <u>Step</u>    | <u>Description</u>         | <u>Value</u>      |                    |
| <u>Step</u>                | <u>Description</u>        | <u>Value</u>   |                | 5.5            | Dredging History:          | <b>None</b>       |                    |
| 3.1                        | Alluvial Fan:             | <b>None</b>    |                | 6.1            | Berms & Roads Data:        |                   |                    |
| 3.2                        | Grade Control:            | <b>None</b>    |                |                | <u>One Side</u>            | <u>Both Sides</u> |                    |
| 4.3                        | Buffer Less Than 25 ft    | <u>Left</u>    | <u>Right</u>   | Berms & Roads: | <b>349.5200</b>            | <b>252.0000</b>   |                    |
|                            |                           | <b>0</b>       | <b>0</b>       | Berm:          | <b>0.0000</b>              | <b>0.0000</b>     |                    |
| 5.1                        | Flow Regulation - Type:   | <b>None</b>    |                | Path:          | <b>0.000</b>               | <b>0.000</b>      |                    |
|                            | Use:                      |                |                | Road:          | <b>349.5200</b>            | <b>252.00000</b>  |                    |
| 5.2                        | # of Bridges or Culverts: | <b>0</b>       |                | Railroad:      | <b>0.0000</b>              | <b>0.00</b>       |                    |
|                            | Total Length:             | <b>0.000</b>   |                | 6.2            | Corridor Development Data: |                   |                    |
| 5.3                        | Armoring Length           | <u>Left</u>    | <u>Right</u>   | Length:        | <b>770.3200</b>            | <b>0.0000</b>     |                    |
|                            |                           | <b>0.00000</b> | <b>0.00000</b> | 6.4            | Miander Migration:         | <b>None</b>       |                    |
|                            | Data Armoring:            | <b>None</b>    |                |                | <u>Old</u>                 | <u>New</u>        |                    |
| 5.4                        | Straightening Length:     | <b>0.00000</b> |                | 7.2            | Bank Erosion:              | <b>None</b>       | <b>123.6999969</b> |
|                            | Straightening Data:       | <b>None</b>    |                |                | Bank Height:               | <b>N.D.</b>       | <b>0.000</b>       |



# Stream Geomorphic Assessment

## Agency of Natural Resources

VT DEC

Vermont.gov  
May, 20 2024

Reach: **T08.04-S1.07**

| <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>0 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 313.41000</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>991.8000 0.0000</b>            |
|             | Berm:                      | <b>60.8300 0.0000</b>             |
|             | Path:                      | <b>0.000 0.000</b>                |
|             | Road:                      | <b>930.9700 0.00000</b>           |
|             | Railroad:                  | <b>0.0000 0.00</b>                |
| 6.2         | Corridor Development Data: |                                   |
|             | Length:                    | <b>331.9300 0.0000</b>            |
| 6.4         | Miander Migration:         | <b>Multiple</b>                   |
|             |                            | <u>Old</u> <u>New</u>             |
| 7.2         | Bank Erosion:              | <b>None 491.4899902</b>           |
|             | Bank Height:               | <b>N.D. 0.000</b>                 |

Reach: **T08.04-S1.08**

| <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 0</b>               |
| 5.1         | Flow Regulation - Type:   | <b>None</b>              |
|             | Use:                      |                          |
| 5.2         | # of Bridges or Culverts: | <b>2</b>                 |
|             | Total Length:             | <b>287.000</b>           |
| 5.3         | Armoring Length           | <u>Left</u> <u>Right</u> |
|             |                           | <b>156.899 0.0000099</b> |
|             | Data Armoring:            |                          |
| 5.4         | Straightening Length:     | <b>648.90002</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>1597.3400 795.6500</b>         |
|             | Berm:                      | <b>227.0800 795.6500</b>          |
|             | Path:                      | <b>0.000 0.000</b>                |
|             | Road:                      | <b>1370.2600 0.00000</b>          |
|             | Railroad:                  | <b>0.0000 0.00</b>                |
| 6.2         | Corridor Development Data: |                                   |
|             | Length:                    | <b>461.9900 0.0000</b>            |
| 6.4         | Miander Migration:         | <b>None</b>                       |
|             |                            | <u>Old</u> <u>New</u>             |
| 7.2         | Bank Erosion:              | <b>None 448.0700073</b>           |
|             | Bank Height:               | <b>N.D. 0.000</b>                 |



# Stream Geomorphic Assessment

## Agency of Natural Resources

VT DEC

Vermont.gov  
May, 20 2024

Reach: **T08.04-S1.09**

| <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>111.130</b> <b>0.00000</b> |
|             |                           | <b>00</b>                     |
|             | Data Armoring:            |                               |
| 5.4         | Straightening Length:     | <b>513.46997</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>519.4600</b> <b>103.4100</b>   |
|             | Berm:                      | <b>0.0000</b> <b>103.4100</b>     |
|             | Path:                      | <b>0.000</b> <b>0.000</b>         |
|             | Road:                      | <b>519.4600</b> <b>0.00000</b>    |
|             | Railroad:                  | <b>0.0000</b> <b>0.00</b>         |
| 6.2         | Corridor Development Data: |                                   |
|             | Length:                    | <b>210.6000</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>514.2800293</b>    |
|             | Bank Height:               | <b>N.D.</b> <b>0.000</b>          |

Reach: **T08.04-S1.10**

| <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>274.000</b>                |
| 5.3         | Armoring Length           | <u>Left</u> <u>Right</u>      |
|             |                           | <b>134.300</b> <b>341.820</b> |
|             |                           | <b>00</b> <b>01</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:        | <b>Not Evaluated</b>              |
|             |                            | <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>1127.6100</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>100.0699997</b>    |
|             | Bank Height:               | <b>N.D.</b> <b>0.000</b>          |



# Stream Geomorphic Assessment

Agency of Natural Resources

VT DEC

Vermont.gov  
May, 20 2024

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| Reach: <b>T08.04-S1.11</b> |                           |                  |                | <u>Step</u>    | <u>Description</u>         | <u>Value</u>                   |
| <u>Step</u>                | <u>Description</u>        | <u>Value</u>     |                | 5.5            | Dredging History:          | <b>None</b>                    |
| 3.1                        | Alluvial Fan:             | <b>None</b>      |                | 6.1            | Berms & Roads Data:        |                                |
| 3.2                        | Grade Control:            | <b>Ledge</b>     |                |                | <u>One Side</u>            | <u>Both Sides</u>              |
| 4.3                        | Buffer Less Than 25 ft    | <u>Left</u>      | <u>Right</u>   | Berms & Roads: | <b>2851.9399</b>           | <b>0.0000</b>                  |
|                            |                           | <b>0</b>         | <b>0</b>       | Berm:          | <b>608.0600</b>            | <b>0.0000</b>                  |
| 5.1                        | Flow Regulation - Type:   | <b>None</b>      |                | Path:          | <b>0.000</b>               | <b>0.000</b>                   |
|                            | Use:                      |                  |                | Road:          | <b>2243.8799</b>           | <b>0.00000</b>                 |
| 5.2                        | # of Bridges or Culverts: | <b>7</b>         |                | Railroad:      | <b>0.0000</b>              | <b>0.00</b>                    |
|                            | Total Length:             | <b>674.000</b>   |                | 6.2            | Corridor Development Data: |                                |
| 5.3                        | Armoring Length           | <u>Left</u>      | <u>Right</u>   | Length:        | <b>0.0000</b>              | <b>948.3600</b>                |
|                            |                           | <b>0.00000</b>   | <b>0.00000</b> | 6.4            | Miander Migration:         | <b>Flood Chute</b>             |
|                            | Data Armoring:            | <b>None</b>      |                |                | <u>Old</u>                 | <u>New</u>                     |
| 5.4                        | Straightening Length:     | <b>954.15997</b> |                | 7.2            | Bank Erosion:              | <b>None</b> <b>314.9100037</b> |
|                            | Straightening Data:       |                  |                | Bank Height:   | <b>N.D.</b>                | <b>0.000</b>                   |

|                            |                           |                      |              |                |                            |                      |
|----------------------------|---------------------------|----------------------|--------------|----------------|----------------------------|----------------------|
| Reach: <b>T08.04-S1.12</b> |                           |                      |              | <u>Step</u>    | <u>Description</u>         | <u>Value</u>         |
| <u>Step</u>                | <u>Description</u>        | <u>Value</u>         |              | 5.5            | Dredging History:          | <b>None</b>          |
| 3.1                        | Alluvial Fan:             | <b>None</b>          |              | 6.1            | Berms & Roads Data:        | <b>Not Evaluated</b> |
| 3.2                        | Grade Control:            | <b>Dam</b>           |              |                | <u>One Side</u>            | <u>Both Sides</u>    |
| 4.3                        | Buffer Less Than 25 ft    | <u>Left</u>          | <u>Right</u> | Berms & Roads: |                            |                      |
|                            |                           | <b>1263</b>          | <b>1263</b>  | Berm:          |                            |                      |
| 5.1                        | Flow Regulation - Type:   | <b>None</b>          |              | Path:          |                            |                      |
|                            | Use:                      |                      |              | Road:          |                            |                      |
| 5.2                        | # of Bridges or Culverts: | <b>0</b>             |              | Railroad:      |                            |                      |
|                            | Total Length:             | <b>0.000</b>         |              | 6.2            | Corridor Development Data: |                      |
| 5.3                        | Armoring Length           | <u>Left</u>          | <u>Right</u> | Length:        | <b>0.0000</b>              | <b>155.5600</b>      |
|                            | Data Armoring:            | <b>Not Evaluated</b> |              | 6.4            | Miander Migration:         | <b>None</b>          |
| 5.4                        | Straightening Length:     |                      |              |                | <u>Old</u>                 | <u>New</u>           |
|                            | Straightening Data:       | <b>N.E.</b>          |              | 7.2            | Bank Erosion:              | <b>N.E.</b>          |
|                            |                           |                      |              | Bank Height:   | <b>N.E.</b>                |                      |



# Stream Geomorphic Assessment

## Agency of Natural Resources

VT DEC

Vermont.gov  
May, 20 2024

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| Reach: <b>T08.04-S1.13</b> |                           |                |                | <u>Step</u>    | <u>Description</u>         | <u>Value</u>      |                  |
| <u>Step</u>                | <u>Description</u>        | <u>Value</u>   |                | 5.5            | Dredging History:          | <b>None</b>       |                  |
| 3.1                        | Alluvial Fan:             | <b>None</b>    |                | 6.1            | Berms & Roads Data:        |                   |                  |
| 3.2                        | Grade Control:            | <b>None</b>    |                |                | <u>One Side</u>            | <u>Both Sides</u> |                  |
| 4.3                        | Buffer Less Than 25 ft    | <u>Left</u>    | <u>Right</u>   | Berms & Roads: | <b>529.7600</b>            | <b>0.0000</b>     |                  |
|                            |                           | <b>0</b>       | <b>0</b>       | Berm:          | <b>0.0000</b>              | <b>0.0000</b>     |                  |
| 5.1                        | Flow Regulation - Type:   | <b>None</b>    |                | Path:          | <b>0.000</b>               | <b>0.000</b>      |                  |
|                            | Use:                      |                |                | Road:          | <b>529.7600</b>            | <b>0.00000</b>    |                  |
| 5.2                        | # of Bridges or Culverts: | <b>2</b>       |                | Railroad:      | <b>0.0000</b>              | <b>0.00</b>       |                  |
|                            | Total Length:             | <b>380.000</b> |                | 6.2            | Corridor Development Data: |                   |                  |
| 5.3                        | Armoring Length           | <u>Left</u>    | <u>Right</u>   | Length:        | <b>1273.0601</b>           | <b>886.9500</b>   |                  |
|                            |                           | <b>0.00000</b> | <b>0.00000</b> | 6.4            | Miander Migration:         | <b>None</b>       |                  |
|                            | Data Armoring:            | <b>None</b>    |                |                | <u>Old</u>                 | <u>New</u>        |                  |
| 5.4                        | Straightening Length:     | <b>0.00000</b> |                | 7.2            | Bank Erosion:              | <b>None</b>       | <b>0.0000000</b> |
|                            | Straightening Data:       | <b>None</b>    |                |                | Bank Height:               | <b>N.D.</b>       | <b>0.000</b>     |

|                                  |                           |                |                |                |                            |                   |                  |
|----------------------------------|---------------------------|----------------|----------------|----------------|----------------------------|-------------------|------------------|
| Reach: <b>T08.04-S1.09-S1.01</b> |                           |                |                | <u>Step</u>    | <u>Description</u>         | <u>Value</u>      |                  |
| <u>Step</u>                      | <u>Description</u>        | <u>Value</u>   |                | 5.5            | Dredging History:          | <b>None</b>       |                  |
| 3.1                              | Alluvial Fan:             | <b>None</b>    |                | 6.1            | Berms & Roads Data:        |                   |                  |
| 3.2                              | Grade Control:            | <b>Ledge</b>   |                |                | <u>One Side</u>            | <u>Both Sides</u> |                  |
| 4.3                              | Buffer Less Than 25 ft    | <u>Left</u>    | <u>Right</u>   | Berms & Roads: | <b>1172.5900</b>           | <b>786.0600</b>   |                  |
|                                  |                           | <b>0</b>       | <b>0</b>       | Berm:          | <b>293.6600</b>            | <b>786.0600</b>   |                  |
| 5.1                              | Flow Regulation - Type:   | <b>None</b>    |                | Path:          | <b>0.000</b>               | <b>0.000</b>      |                  |
|                                  | Use:                      |                |                | Road:          | <b>878.9300</b>            | <b>0.00000</b>    |                  |
| 5.2                              | # of Bridges or Culverts: | <b>4</b>       |                | Railroad:      | <b>0.0000</b>              | <b>0.00</b>       |                  |
|                                  | Total Length:             | <b>754.000</b> |                | 6.2            | Corridor Development Data: |                   |                  |
| 5.3                              | Armoring Length           | <u>Left</u>    | <u>Right</u>   | Length:        | <b>491.6300</b>            | <b>0.0000</b>     |                  |
|                                  |                           | <b>0.00000</b> | <b>0.00000</b> | 6.4            | Miander Migration:         | <b>None</b>       |                  |
|                                  | Data Armoring:            | <b>None</b>    |                |                | <u>Old</u>                 | <u>New</u>        |                  |
| 5.4                              | Straightening Length:     | <b>0.00000</b> |                | 7.2            | Bank Erosion:              | <b>None</b>       | <b>0.0000000</b> |
|                                  | Straightening Data:       | <b>None</b>    |                |                | Bank Height:               | <b>N.D.</b>       | <b>0.000</b>     |



# Stream Geomorphic Assessment

## Agency of Natural Resources

VT DEC

Vermont.gov  
May, 20 2024

|                                  |                           |                |                |                |                            |                      |                  |
|----------------------------------|---------------------------|----------------|----------------|----------------|----------------------------|----------------------|------------------|
| Reach: <b>T08.04-S1.07-S1.01</b> |                           |                |                | <u>Step</u>    | <u>Description</u>         | <u>Value</u>         |                  |
| <u>Step</u>                      | <u>Description</u>        | <u>Value</u>   |                | 5.5            | Dredging History:          | <b>None</b>          |                  |
| 3.1                              | Alluvial Fan:             | <b>None</b>    |                | 6.1            | Berms & Roads Data:        | <b>Not Evaluated</b> |                  |
| 3.2                              | Grade Control:            | <b>None</b>    |                |                | <u>One Side</u>            | <u>Both Sides</u>    |                  |
| 4.3                              | Buffer Less Than 25 ft    | <u>Left</u>    | <u>Right</u>   | Berms & Roads: | <b>0.0000</b>              | <b>0.0000</b>        |                  |
|                                  |                           | <b>0</b>       | <b>0</b>       | Berm:          | <b>0.0000</b>              | <b>0.0000</b>        |                  |
| 5.1                              | Flow Regulation - Type:   | <b>None</b>    |                | Path:          | <b>0.000</b>               | <b>0.000</b>         |                  |
|                                  | Use:                      |                |                | Road:          | <b>0.0000</b>              | <b>0.00000</b>       |                  |
| 5.2                              | # of Bridges or Culverts: | <b>2</b>       |                | Railroad:      | <b>0.0000</b>              | <b>0.00</b>          |                  |
|                                  | Total Length:             | <b>266.000</b> |                | 6.2            | Corridor Development Data: |                      |                  |
| 5.3                              | Armoring Length           | <u>Left</u>    | <u>Right</u>   | Length:        | <b>0.0000</b>              | <b>0.0000</b>        |                  |
|                                  |                           | <b>0.00000</b> | <b>0.00000</b> | 6.4            | Miander Migration:         | <b>None</b>          |                  |
|                                  | Data Armoring:            | <b>None</b>    |                |                | <u>Old</u>                 | <u>New</u>           |                  |
| 5.4                              | Straightening Length:     | <b>0.00000</b> |                | 7.2            | Bank Erosion:              | <b>None</b>          | <b>0.0000000</b> |
|                                  | Straightening Data:       | <b>None</b>    |                |                | Bank Height:               | <b>N.D.</b>          | <b>0.000</b>     |

|                                       |                           |                |                |                |                            |                   |                  |
|---------------------------------------|---------------------------|----------------|----------------|----------------|----------------------------|-------------------|------------------|
| Reach: <b>T08.04-S1.07-S1.1-S1.01</b> |                           |                |                | <u>Step</u>    | <u>Description</u>         | <u>Value</u>      |                  |
| <u>Step</u>                           | <u>Description</u>        | <u>Value</u>   |                | 5.5            | Dredging History:          | <b>None</b>       |                  |
| 3.1                                   | Alluvial Fan:             | <b>None</b>    |                | 6.1            | Berms & Roads Data:        |                   |                  |
| 3.2                                   | Grade Control:            | <b>Ledge</b>   |                |                | <u>One Side</u>            | <u>Both Sides</u> |                  |
| 4.3                                   | Buffer Less Than 25 ft    | <u>Left</u>    | <u>Right</u>   | Berms & Roads: | <b>932.2200</b>            | <b>0.0000</b>     |                  |
|                                       |                           | <b>0</b>       | <b>0</b>       | Berm:          | <b>718.4200</b>            | <b>0.0000</b>     |                  |
| 5.1                                   | Flow Regulation - Type:   | <b>None</b>    |                | Path:          | <b>0.000</b>               | <b>0.000</b>      |                  |
|                                       | Use:                      |                |                | Road:          | <b>213.8000</b>            | <b>0.00000</b>    |                  |
| 5.2                                   | # of Bridges or Culverts: | <b>7</b>       |                | Railroad:      | <b>0.0000</b>              | <b>0.00</b>       |                  |
|                                       | Total Length:             | <b>671.000</b> |                | 6.2            | Corridor Development Data: |                   |                  |
| 5.3                                   | Armoring Length           | <u>Left</u>    | <u>Right</u>   | Length:        | <b>1016.2400</b>           | <b>419.1900</b>   |                  |
|                                       |                           | <b>0.00000</b> | <b>0.00000</b> | 6.4            | Miander Migration:         | <b>Avulsion</b>   |                  |
|                                       | Data Armoring:            | <b>None</b>    |                |                | <u>Old</u>                 | <u>New</u>        |                  |
| 5.4                                   | Straightening Length:     | <b>0.00000</b> |                | 7.2            | Bank Erosion:              | <b>None</b>       | <b>0.0000000</b> |
|                                       | Straightening Data:       | <b>None</b>    |                |                | Bank Height:               | <b>N.D.</b>       | <b>0.000</b>     |



# Stream Geomorphic Assessment

## Agency of Natural Resources

VT DEC

Vermont.gov  
May, 20 2024

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| Reach: <b>T08.04-S1.07-S1.02</b> |                           |                |                | <u>Step</u>    | <u>Description</u>         | <u>Value</u>      |                  |
| <u>Step</u>                      | <u>Description</u>        | <u>Value</u>   |                | 5.5            | Dredging History:          | <b>None</b>       |                  |
| 3.1                              | Alluvial Fan:             | <b>None</b>    |                | 6.1            | Berms & Roads Data:        |                   |                  |
| 3.2                              | Grade Control:            | <b>Ledge</b>   |                |                | <u>One Side</u>            | <u>Both Sides</u> |                  |
| 4.3                              | Buffer Less Than 25 ft    | <u>Left</u>    | <u>Right</u>   | Berms & Roads: | <b>1646.8600</b>           | <b>0.0000</b>     |                  |
|                                  |                           | <b>0</b>       | <b>0</b>       | Berm:          | <b>1646.8600</b>           | <b>0.0000</b>     |                  |
| 5.1                              | Flow Regulation - Type:   | <b>None</b>    |                | Path:          | <b>0.000</b>               | <b>0.000</b>      |                  |
|                                  | Use:                      |                |                | Road:          | <b>0.0000</b>              | <b>0.00000</b>    |                  |
| 5.2                              | # of Bridges or Culverts: | <b>3</b>       |                | Railroad:      | <b>0.0000</b>              | <b>0.00</b>       |                  |
|                                  | Total Length:             | <b>772.000</b> |                | 6.2            | Corridor Development Data: |                   |                  |
| 5.3                              | Armoring Length           | <u>Left</u>    | <u>Right</u>   | Length:        | <b>0.0000</b>              | <b>0.0000</b>     |                  |
|                                  |                           | <b>0.00000</b> | <b>0.00000</b> | 6.4            | Miander Migration:         | <b>Multiple</b>   |                  |
|                                  | Data Armoring:            | <b>None</b>    |                |                | <u>Old</u>                 | <u>New</u>        |                  |
| 5.4                              | Straightening Length:     | <b>0.00000</b> |                | 7.2            | Bank Erosion:              | <b>None</b>       | <b>0.0000000</b> |
|                                  | Straightening Data:       | <b>None</b>    |                |                | Bank Height:               | <b>N.D.</b>       | <b>0.000</b>     |

|                     |                           |                |                  |                |                            |                   |                    |
|---------------------|---------------------------|----------------|------------------|----------------|----------------------------|-------------------|--------------------|
| Reach: <b>T0805</b> |                           |                |                  | <u>Step</u>    | <u>Description</u>         | <u>Value</u>      |                    |
| <u>Step</u>         | <u>Description</u>        | <u>Value</u>   |                  | 5.5            | Dredging History:          | <b>None</b>       |                    |
| 3.1                 | Alluvial Fan:             | <b>None</b>    |                  | 6.1            | Berms & Roads Data:        |                   |                    |
| 3.2                 | Grade Control:            | <b>None</b>    |                  |                | <u>One Side</u>            | <u>Both Sides</u> |                    |
| 4.3                 | Buffer Less Than 25 ft    | <u>Left</u>    | <u>Right</u>     | Berms & Roads: | <b>3366.0500</b>           | <b>0.0000</b>     |                    |
|                     |                           | <b>0</b>       | <b>0</b>         | Berm:          | <b>1648.0601</b>           | <b>0.0000</b>     |                    |
| 5.1                 | Flow Regulation - Type:   | <b>None</b>    |                  | Path:          | <b>0.000</b>               | <b>0.000</b>      |                    |
|                     | Use:                      |                |                  | Road:          | <b>1717.9900</b>           | <b>0.00000</b>    |                    |
| 5.2                 | # of Bridges or Culverts: | <b>0</b>       |                  | Railroad:      | <b>0.0000</b>              | <b>0.00</b>       |                    |
|                     | Total Length:             | <b>0.000</b>   |                  | 6.2            | Corridor Development Data: |                   |                    |
| 5.3                 | Armoring Length           | <u>Left</u>    | <u>Right</u>     | Length:        | <b>2355.7100</b>           | <b>0.0000</b>     |                    |
|                     |                           | <b>0.00000</b> | <b>297.78000</b> | 6.4            | Miander Migration:         | <b>Multiple</b>   |                    |
|                     | Data Armoring:            |                |                  |                | <u>Old</u>                 | <u>New</u>        |                    |
| 5.4                 | Straightening Length:     | <b>0.00000</b> |                  | 7.2            | Bank Erosion:              | <b>None</b>       | <b>294.5599976</b> |
|                     | Straightening Data:       | <b>None</b>    |                  |                | Bank Height:               | <b>N.D.</b>       | <b>0.000</b>       |



# Stream Geomorphic Assessment

## Agency of Natural Resources



Vermont.gov  
May, 20 2024

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| Reach: <b>T0806</b> |                           |                   |                | <u>Step</u>    | <u>Description</u>         | <u>Value</u>      |                  |
| <u>Step</u>         | <u>Description</u>        | <u>Value</u>      |                | 5.5            | Dredging History:          | <b>Dredging</b>   |                  |
| 3.1                 | Alluvial Fan:             | <b>None</b>       |                | 6.1            | Berms & Roads Data:        |                   |                  |
| 3.2                 | Grade Control:            | <b>None</b>       |                |                | <u>One Side</u>            | <u>Both Sides</u> |                  |
| 4.3                 | Buffer Less Than 25 ft    | <u>Left</u>       | <u>Right</u>   | Berms & Roads: | <b>5356.6099</b>           | <b>0.0000</b>     |                  |
|                     |                           | <b>0</b>          | <b>0</b>       | Berm:          | <b>0.0000</b>              | <b>0.0000</b>     |                  |
| 5.1                 | Flow Regulation - Type:   | <b>None</b>       |                | Path:          | <b>0.000</b>               | <b>0.000</b>      |                  |
|                     | Use:                      |                   |                | Road:          | <b>5356.6099</b>           | <b>0.00000</b>    |                  |
| 5.2                 | # of Bridges or Culverts: | <b>2</b>          |                | Railroad:      | <b>0.0000</b>              | <b>0.00</b>       |                  |
|                     | Total Length:             | <b>238.000</b>    |                | 6.2            | Corridor Development Data: |                   |                  |
| 5.3                 | Armoring Length           | <u>Left</u>       | <u>Right</u>   | Length:        | <b>1433.5100</b>           | <b>0.0000</b>     |                  |
|                     |                           | <b>0.00000</b>    | <b>0.00000</b> | 6.4            | Miander Migration:         | <b>Migration</b>  |                  |
|                     | Data Armoring:            | <b>None</b>       |                |                | <u>Old</u>                 | <u>New</u>        |                  |
| 5.4                 | Straightening Length:     | <b>1597.02002</b> |                | 7.2            | Bank Erosion:              | <b>None</b>       | <b>0.0000000</b> |
|                     | Straightening Data:       |                   |                |                | Bank Height:               | <b>N.D.</b>       | <b>0.000</b>     |

|                     |                           |                 |                 |                |                            |                   |                     |
|---------------------|---------------------------|-----------------|-----------------|----------------|----------------------------|-------------------|---------------------|
| Reach: <b>T0807</b> |                           |                 |                 | <u>Step</u>    | <u>Description</u>         | <u>Value</u>      |                     |
| <u>Step</u>         | <u>Description</u>        | <u>Value</u>    |                 | 5.5            | Dredging History:          | <b>None</b>       |                     |
| 3.1                 | Alluvial Fan:             | <b>None</b>     |                 | 6.1            | Berms & Roads Data:        |                   |                     |
| 3.2                 | Grade Control:            | <b>Ledge</b>    |                 |                | <u>One Side</u>            | <u>Both Sides</u> |                     |
| 4.3                 | Buffer Less Than 25 ft    | <u>Left</u>     | <u>Right</u>    | Berms & Roads: | <b>7505.6699</b>           | <b>232.3600</b>   |                     |
|                     |                           | <b>0</b>        | <b>0</b>        | Berm:          | <b>2216.7300</b>           | <b>232.3600</b>   |                     |
| 5.1                 | Flow Regulation - Type:   | <b>None</b>     |                 | Path:          | <b>0.000</b>               | <b>0.000</b>      |                     |
|                     | Use:                      |                 |                 | Road:          | <b>5288.9399</b>           | <b>0.00000</b>    |                     |
| 5.2                 | # of Bridges or Culverts: | <b>0</b>        |                 | Railroad:      | <b>0.0000</b>              | <b>0.00</b>       |                     |
|                     | Total Length:             | <b>0.000</b>    |                 | 6.2            | Corridor Development Data: |                   |                     |
| 5.3                 | Armoring Length           | <u>Left</u>     | <u>Right</u>    | Length:        | <b>1733.6400</b>           | <b>0.0000</b>     |                     |
|                     |                           | <b>186.0399</b> | <b>150.6300</b> | 6.4            | Miander Migration:         | <b>Migration</b>  |                     |
|                     | Data Armoring:            |                 |                 |                | <u>Old</u>                 | <u>New</u>        |                     |
| 5.4                 | Straightening Length:     | <b>0.00000</b>  |                 | 7.2            | Bank Erosion:              | <b>None</b>       | <b>1825.7199707</b> |
|                     | Straightening Data:       | <b>None</b>     |                 |                | Bank Height:               | <b>N.D.</b>       | <b>0.000</b>        |



# Stream Geomorphic Assessment

## Agency of Natural Resources

VT DEC

Vermont.gov  
May, 20 2024

|                            |                           |                |                |                |                            |                   |                  |
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| Reach: <b>T08.07-S1.01</b> |                           |                |                | <u>Step</u>    | <u>Description</u>         | <u>Value</u>      |                  |
| <u>Step</u>                | <u>Description</u>        | <u>Value</u>   |                | 5.5            | Dredging History:          | <b>None</b>       |                  |
| 3.1                        | Alluvial Fan:             | <b>None</b>    |                | 6.1            | Berms & Roads Data:        |                   |                  |
| 3.2                        | Grade Control:            | <b>None</b>    |                |                | <u>One Side</u>            | <u>Both Sides</u> |                  |
| 4.3                        | Buffer Less Than 25 ft    | <u>Left</u>    | <u>Right</u>   | Berms & Roads: | <b>1220.1801</b>           | <b>0.0000</b>     |                  |
|                            |                           | <b>0</b>       | <b>0</b>       | Berm:          | <b>0.0000</b>              | <b>0.0000</b>     |                  |
| 5.1                        | Flow Regulation - Type:   | <b>None</b>    |                | Path:          | <b>0.000</b>               | <b>0.000</b>      |                  |
|                            | Use:                      |                |                | Road:          | <b>1220.1801</b>           | <b>0.00000</b>    |                  |
| 5.2                        | # of Bridges or Culverts: | <b>0</b>       |                | Railroad:      | <b>0.0000</b>              | <b>0.00</b>       |                  |
|                            | Total Length:             | <b>0.000</b>   |                | 6.2            | Corridor Development Data: |                   |                  |
| 5.3                        | Armoring Length           | <u>Left</u>    | <u>Right</u>   | Length:        | <b>0.0000</b>              | <b>0.0000</b>     |                  |
|                            |                           | <b>0.00000</b> | <b>0.00000</b> | 6.4            | Miander Migration:         | <b>Multiple</b>   |                  |
|                            | Data Armoring:            | <b>None</b>    |                |                | <u>Old</u>                 | <u>New</u>        |                  |
| 5.4                        | Straightening Length:     | <b>0.00000</b> |                | 7.2            | Bank Erosion:              | <b>None</b>       | <b>0.0000000</b> |
|                            | Straightening Data:       | <b>None</b>    |                |                | Bank Height:               | <b>N.D.</b>       | <b>0.000</b>     |

|                     |                           |                |                |                |                            |                   |                  |
|---------------------|---------------------------|----------------|----------------|----------------|----------------------------|-------------------|------------------|
| Reach: <b>T0808</b> |                           |                |                | <u>Step</u>    | <u>Description</u>         | <u>Value</u>      |                  |
| <u>Step</u>         | <u>Description</u>        | <u>Value</u>   |                | 5.5            | Dredging History:          | <b>None</b>       |                  |
| 3.1                 | Alluvial Fan:             | <b>None</b>    |                | 6.1            | Berms & Roads Data:        |                   |                  |
| 3.2                 | Grade Control:            | <b>None</b>    |                |                | <u>One Side</u>            | <u>Both Sides</u> |                  |
| 4.3                 | Buffer Less Than 25 ft    | <u>Left</u>    | <u>Right</u>   | Berms & Roads: | <b>2269.5698</b>           | <b>0.0000</b>     |                  |
|                     |                           | <b>0</b>       | <b>0</b>       | Berm:          | <b>0.0000</b>              | <b>0.0000</b>     |                  |
| 5.1                 | Flow Regulation - Type:   | <b>None</b>    |                | Path:          | <b>0.000</b>               | <b>0.000</b>      |                  |
|                     | Use:                      |                |                | Road:          | <b>2269.5698</b>           | <b>0.00000</b>    |                  |
| 5.2                 | # of Bridges or Culverts: | <b>3</b>       |                | Railroad:      | <b>0.0000</b>              | <b>0.00</b>       |                  |
|                     | Total Length:             | <b>466.000</b> |                | 6.2            | Corridor Development Data: |                   |                  |
| 5.3                 | Armoring Length           | <u>Left</u>    | <u>Right</u>   | Length:        | <b>1114.2800</b>           | <b>0.0000</b>     |                  |
|                     |                           | <b>0.00000</b> | <b>0.00000</b> | 6.4            | Miander Migration:         | <b>Migration</b>  |                  |
|                     | Data Armoring:            | <b>None</b>    |                |                | <u>Old</u>                 | <u>New</u>        |                  |
| 5.4                 | Straightening Length:     | <b>0.00000</b> |                | 7.2            | Bank Erosion:              | <b>None</b>       | <b>0.0000000</b> |
|                     | Straightening Data:       | <b>None</b>    |                |                | Bank Height:               | <b>N.D.</b>       | <b>0.000</b>     |



# Stream Geomorphic Assessment

## Agency of Natural Resources

VT DEC

Vermont.gov  
May, 20 2024

|                     |                           |                   |                |                |                            |                    |
|---------------------|---------------------------|-------------------|----------------|----------------|----------------------------|--------------------|
| Reach: <b>T0809</b> |                           |                   |                | <u>Step</u>    | <u>Description</u>         | <u>Value</u>       |
| <u>Step</u>         | <u>Description</u>        | <u>Value</u>      |                | 5.5            | Dredging History:          | <b>None</b>        |
| 3.1                 | Alluvial Fan:             | <b>None</b>       |                | 6.1            | Berms & Roads Data:        |                    |
| 3.2                 | Grade Control:            | <b>Ledge</b>      |                |                | <u>One Side</u>            | <u>Both Sides</u>  |
| 4.3                 | Buffer Less Than 25 ft    | <u>Left</u>       | <u>Right</u>   | Berms & Roads: | <b>3558.4102</b>           | <b>0.0000</b>      |
|                     |                           | <b>0</b>          | <b>0</b>       | Berm:          | <b>2412.6802</b>           | <b>0.0000</b>      |
| 5.1                 | Flow Regulation - Type:   | <b>None</b>       |                | Path:          | <b>0.000</b>               | <b>0.000</b>       |
|                     | Use:                      |                   |                | Road:          | <b>1145.7300</b>           | <b>0.00000</b>     |
| 5.2                 | # of Bridges or Culverts: | <b>0</b>          |                | Railroad:      | <b>0.0000</b>              | <b>0.00</b>        |
|                     | Total Length:             | <b>0.000</b>      |                | 6.2            | Corridor Development Data: |                    |
| 5.3                 | Armoring Length           | <u>Left</u>       | <u>Right</u>   | Length:        | <b>427.4200</b>            | <b>0.0000</b>      |
|                     |                           | <b>0.00000</b>    | <b>0.00000</b> | 6.4            | Miander Migration:         | <b>Flood Chute</b> |
|                     | Data Armoring:            | <b>None</b>       |                |                | <u>Old</u>                 | <u>New</u>         |
| 5.4                 | Straightening Length:     | <b>1564.69995</b> |                | 7.2            | Bank Erosion:              | <b>None</b>        |
|                     | Straightening Data:       |                   |                |                |                            | <b>1747.359985</b> |
|                     |                           |                   |                |                |                            | <b>4</b>           |
|                     |                           |                   |                | Bank Height:   | <b>N.D.</b>                | <b>0.000</b>       |

|                            |                           |                  |                |                |                            |                   |
|----------------------------|---------------------------|------------------|----------------|----------------|----------------------------|-------------------|
| Reach: <b>T08.09-S1.01</b> |                           |                  |                | <u>Step</u>    | <u>Description</u>         | <u>Value</u>      |
| <u>Step</u>                | <u>Description</u>        | <u>Value</u>     |                | 5.5            | Dredging History:          | <b>None</b>       |
| 3.1                        | Alluvial Fan:             | <b>None</b>      |                | 6.1            | Berms & Roads Data:        |                   |
| 3.2                        | Grade Control:            | <b>None</b>      |                |                | <u>One Side</u>            | <u>Both Sides</u> |
| 4.3                        | Buffer Less Than 25 ft    | <u>Left</u>      | <u>Right</u>   | Berms & Roads: | <b>197.1200</b>            | <b>0.0000</b>     |
|                            |                           | <b>0</b>         | <b>0</b>       | Berm:          | <b>0.0000</b>              | <b>0.0000</b>     |
| 5.1                        | Flow Regulation - Type:   | <b>None</b>      |                | Path:          | <b>0.000</b>               | <b>0.000</b>      |
|                            | Use:                      |                  |                | Road:          | <b>197.1200</b>            | <b>0.00000</b>    |
| 5.2                        | # of Bridges or Culverts: | <b>1</b>         |                | Railroad:      | <b>0.0000</b>              | <b>0.00</b>       |
|                            | Total Length:             | <b>206.000</b>   |                | 6.2            | Corridor Development Data: |                   |
| 5.3                        | Armoring Length           | <u>Left</u>      | <u>Right</u>   | Length:        | <b>212.6500</b>            | <b>0.0000</b>     |
|                            |                           | <b>0.00000</b>   | <b>0.00000</b> | 6.4            | Miander Migration:         | <b>Migration</b>  |
|                            | Data Armoring:            | <b>None</b>      |                |                | <u>Old</u>                 | <u>New</u>        |
| 5.4                        | Straightening Length:     | <b>871.21997</b> |                | 7.2            | Bank Erosion:              | <b>None</b>       |
|                            | Straightening Data:       |                  |                |                |                            | <b>0.0000000</b>  |
|                            |                           |                  |                | Bank Height:   | <b>N.D.</b>                | <b>0.000</b>      |



# Stream Geomorphic Assessment

Agency of Natural Resources

VT DEC

Vermont.gov  
May, 20 2024

|                     |                           |                   |                |                |                            |                   |                    |
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| Reach: <b>T0810</b> |                           |                   |                | <u>Step</u>    | <u>Description</u>         | <u>Value</u>      |                    |
| <u>Step</u>         | <u>Description</u>        | <u>Value</u>      |                | 5.5            | Dredging History:          | <b>None</b>       |                    |
| 3.1                 | Alluvial Fan:             | <b>None</b>       |                | 6.1            | Berms & Roads Data:        |                   |                    |
| 3.2                 | Grade Control:            | <b>None</b>       |                |                | <u>One Side</u>            | <u>Both Sides</u> |                    |
| 4.3                 | Buffer Less Than 25 ft    | <u>Left</u>       | <u>Right</u>   | Berms & Roads: | <b>6156.2300</b>           | <b>0.0000</b>     |                    |
|                     |                           | <b>0</b>          | <b>0</b>       | Berm:          | <b>1622.6600</b>           | <b>0.0000</b>     |                    |
| 5.1                 | Flow Regulation - Type:   | <b>None</b>       |                | Path:          | <b>0.000</b>               | <b>0.000</b>      |                    |
|                     | Use:                      |                   |                | Road:          | <b>4533.5698</b>           | <b>0.00000</b>    |                    |
| 5.2                 | # of Bridges or Culverts: | <b>1</b>          |                | Railroad:      | <b>0.0000</b>              | <b>0.00</b>       |                    |
|                     | Total Length:             | <b>202.000</b>    |                | 6.2            | Corridor Development Data: |                   |                    |
| 5.3                 | Armoring Length           | <u>Left</u>       | <u>Right</u>   | Length:        | <b>441.1100</b>            | <b>0.0000</b>     |                    |
|                     |                           | <b>844.719</b>    | <b>0.00000</b> | 6.4            | Miander Migration:         | <b>Migration</b>  |                    |
|                     |                           | <b>97</b>         |                |                | <u>Old</u>                 | <u>New</u>        |                    |
|                     | Data Armoring:            |                   |                | 7.2            | Bank Erosion:              | <b>None</b>       | <b>260.1300049</b> |
| 5.4                 | Straightening Length:     | <b>1003.57001</b> |                |                | Bank Height:               | <b>N.D.</b>       | <b>0.000</b>       |
|                     | Straightening Data:       |                   |                |                |                            |                   |                    |

|                     |                           |                |                |                |                            |                   |                  |
|---------------------|---------------------------|----------------|----------------|----------------|----------------------------|-------------------|------------------|
| Reach: <b>T0811</b> |                           |                |                | <u>Step</u>    | <u>Description</u>         | <u>Value</u>      |                  |
| <u>Step</u>         | <u>Description</u>        | <u>Value</u>   |                | 5.5            | Dredging History:          | <b>None</b>       |                  |
| 3.1                 | Alluvial Fan:             | <b>None</b>    |                | 6.1            | Berms & Roads Data:        |                   |                  |
| 3.2                 | Grade Control:            | <b>None</b>    |                |                | <u>One Side</u>            | <u>Both Sides</u> |                  |
| 4.3                 | Buffer Less Than 25 ft    | <u>Left</u>    | <u>Right</u>   | Berms & Roads: | <b>594.8200</b>            | <b>0.0000</b>     |                  |
|                     |                           | <b>0</b>       | <b>0</b>       | Berm:          | <b>0.0000</b>              | <b>0.0000</b>     |                  |
| 5.1                 | Flow Regulation - Type:   | <b>None</b>    |                | Path:          | <b>0.000</b>               | <b>0.000</b>      |                  |
|                     | Use:                      |                |                | Road:          | <b>594.8200</b>            | <b>0.00000</b>    |                  |
| 5.2                 | # of Bridges or Culverts: | <b>1</b>       |                | Railroad:      | <b>0.0000</b>              | <b>0.00</b>       |                  |
|                     | Total Length:             | <b>547.000</b> |                | 6.2            | Corridor Development Data: |                   |                  |
| 5.3                 | Armoring Length           | <u>Left</u>    | <u>Right</u>   | Length:        | <b>331.7700</b>            | <b>0.0000</b>     |                  |
|                     |                           | <b>0.00000</b> | <b>0.00000</b> | 6.4            | Miander Migration:         | <b>Migration</b>  |                  |
|                     | Data Armoring:            | <b>None</b>    |                |                | <u>Old</u>                 | <u>New</u>        |                  |
| 5.4                 | Straightening Length:     | <b>0.00000</b> |                | 7.2            | Bank Erosion:              | <b>None</b>       | <b>0.0000000</b> |
|                     | Straightening Data:       | <b>None</b>    |                |                | Bank Height:               | <b>N.D.</b>       | <b>0.000</b>     |



# Stream Geomorphic Assessment

## Agency of Natural Resources

VT DEC

Vermont.gov  
May, 20 2024

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|---------------------|---------------------------|----------------|----------------|----------------|----------------------------|-------------------|--------------------|
| Reach: <b>T0812</b> |                           |                |                | <u>Step</u>    | <u>Description</u>         | <u>Value</u>      |                    |
| <u>Step</u>         | <u>Description</u>        | <u>Value</u>   |                | 5.5            | Dredging History:          | <b>None</b>       |                    |
| 3.1                 | Alluvial Fan:             | <b>None</b>    |                | 6.1            | Berms & Roads Data:        |                   |                    |
| 3.2                 | Grade Control:            | <b>None</b>    |                |                | <u>One Side</u>            | <u>Both Sides</u> |                    |
| 4.3                 | Buffer Less Than 25 ft    | <u>Left</u>    | <u>Right</u>   | Berms & Roads: | <b>159.3400</b>            | <b>0.0000</b>     |                    |
|                     |                           | <b>0</b>       | <b>0</b>       | Berm:          | <b>159.3400</b>            | <b>0.0000</b>     |                    |
| 5.1                 | Flow Regulation - Type:   | <b>None</b>    |                | Path:          | <b>0.000</b>               | <b>0.000</b>      |                    |
|                     | Use:                      |                |                | Road:          | <b>0.0000</b>              | <b>0.00000</b>    |                    |
| 5.2                 | # of Bridges or Culverts: | <b>0</b>       |                | Railroad:      | <b>0.0000</b>              | <b>0.00</b>       |                    |
|                     | Total Length:             | <b>0.000</b>   |                | 6.2            | Corridor Development Data: |                   |                    |
| 5.3                 | Armoring Length           | <u>Left</u>    | <u>Right</u>   | Length:        | <b>0.0000</b>              | <b>0.0000</b>     |                    |
|                     |                           | <b>0.00000</b> | <b>0.00000</b> | 6.4            | Miander Migration:         | <b>Migration</b>  |                    |
|                     | Data Armoring:            | <b>None</b>    |                |                | <u>Old</u>                 | <u>New</u>        |                    |
| 5.4                 | Straightening Length:     | <b>0.00000</b> |                | 7.2            | Bank Erosion:              | <b>None</b>       | <b>516.9199829</b> |
|                     | Straightening Data:       | <b>None</b>    |                |                | Bank Height:               | <b>N.D.</b>       | <b>0.000</b>       |

|                            |                           |                |                |                |                            |                      |                  |
|----------------------------|---------------------------|----------------|----------------|----------------|----------------------------|----------------------|------------------|
| Reach: <b>T08.12-S1.01</b> |                           |                |                | <u>Step</u>    | <u>Description</u>         | <u>Value</u>         |                  |
| <u>Step</u>                | <u>Description</u>        | <u>Value</u>   |                | 5.5            | Dredging History:          | <b>None</b>          |                  |
| 3.1                        | Alluvial Fan:             | <b>None</b>    |                | 6.1            | Berms & Roads Data:        | <b>Not Evaluated</b> |                  |
| 3.2                        | Grade Control:            | <b>None</b>    |                |                | <u>One Side</u>            | <u>Both Sides</u>    |                  |
| 4.3                        | Buffer Less Than 25 ft    | <u>Left</u>    | <u>Right</u>   | Berms & Roads: | <b>0.0000</b>              | <b>0.0000</b>        |                  |
|                            |                           | <b>0</b>       | <b>0</b>       | Berm:          | <b>0.0000</b>              | <b>0.0000</b>        |                  |
| 5.1                        | Flow Regulation - Type:   | <b>None</b>    |                | Path:          | <b>0.000</b>               | <b>0.000</b>         |                  |
|                            | Use:                      |                |                | Road:          | <b>0.0000</b>              | <b>0.00000</b>       |                  |
| 5.2                        | # of Bridges or Culverts: | <b>2</b>       |                | Railroad:      | <b>0.0000</b>              | <b>0.00</b>          |                  |
|                            | Total Length:             | <b>456.000</b> |                | 6.2            | Corridor Development Data: |                      |                  |
| 5.3                        | Armoring Length           | <u>Left</u>    | <u>Right</u>   | Length:        | <b>231.8700</b>            | <b>0.0000</b>        |                  |
|                            |                           | <b>0.00000</b> | <b>0.00000</b> | 6.4            | Miander Migration:         | <b>None</b>          |                  |
|                            | Data Armoring:            | <b>None</b>    |                |                | <u>Old</u>                 | <u>New</u>           |                  |
| 5.4                        | Straightening Length:     | <b>0.00000</b> |                | 7.2            | Bank Erosion:              | <b>None</b>          | <b>0.0000000</b> |
|                            | Straightening Data:       | <b>None</b>    |                |                | Bank Height:               | <b>N.D.</b>          | <b>0.000</b>     |



# Stream Geomorphic Assessment

## Agency of Natural Resources

VT DEC

Vermont.gov  
May, 20 2024

|                            |                           |                      |              |             |                            |                      |
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| Reach: <b>T08.12-S1.02</b> |                           |                      |              | <u>Step</u> | <u>Description</u>         | <u>Value</u>         |
| <u>Step</u>                | <u>Description</u>        | <u>Value</u>         |              | 5.5         | Dredging History:          | <b>None</b>          |
| 3.1                        | Alluvial Fan:             | <b>None</b>          |              | 6.1         | Berms & Roads Data:        | <b>Not Evaluated</b> |
| 3.2                        | Grade Control:            | <b>Ledge</b>         |              |             | <u>One Side</u>            | <u>Both Sides</u>    |
| 4.3                        | Buffer Less Than 25 ft    | <u>Left</u>          | <u>Right</u> |             | Berms & Roads:             |                      |
|                            |                           | <b>0</b>             | <b>0</b>     |             | Berm:                      |                      |
| 5.1                        | Flow Regulation - Type:   | <b>None</b>          |              |             | Path:                      |                      |
|                            | Use:                      |                      |              |             | Road:                      |                      |
| 5.2                        | # of Bridges or Culverts: | <b>1</b>             |              |             | Railroad:                  |                      |
|                            | Total Length:             | <b>0.000</b>         |              | 6.2         | Corridor Development Data: |                      |
| 5.3                        | Armoring Length           | <u>Left</u>          | <u>Right</u> |             | Length:                    | <b>0.0000 0.0000</b> |
|                            | Data Armoring:            | <b>Not Evaluated</b> |              | 6.4         | Miander Migration:         | <b>None</b>          |
| 5.4                        | Straightening Length:     |                      |              |             | <u>Old</u>                 | <u>New</u>           |
|                            | Straightening Data:       | <b>None</b>          |              | 7.2         | Bank Erosion:              | <b>Low</b>           |
|                            |                           |                      |              |             | Bank Height:               | <b>Low</b>           |

|                     |                           |                |                |             |                            |                         |
|---------------------|---------------------------|----------------|----------------|-------------|----------------------------|-------------------------|
| Reach: <b>T0813</b> |                           |                |                | <u>Step</u> | <u>Description</u>         | <u>Value</u>            |
| <u>Step</u>         | <u>Description</u>        | <u>Value</u>   |                | 5.5         | Dredging History:          | <b>None</b>             |
| 3.1                 | Alluvial Fan:             | <b>None</b>    |                | 6.1         | Berms & Roads Data:        |                         |
| 3.2                 | Grade Control:            | <b>Ledge</b>   |                |             | <u>One Side</u>            | <u>Both Sides</u>       |
| 4.3                 | Buffer Less Than 25 ft    | <u>Left</u>    | <u>Right</u>   |             | Berms & Roads:             | <b>61.3200 0.0000</b>   |
|                     |                           | <b>0</b>       | <b>0</b>       |             | Berm:                      | <b>61.3200 0.0000</b>   |
| 5.1                 | Flow Regulation - Type:   | <b>None</b>    |                |             | Path:                      | <b>0.000 0.000</b>      |
|                     | Use:                      |                |                |             | Road:                      | <b>0.0000 0.00000</b>   |
| 5.2                 | # of Bridges or Culverts: | <b>2</b>       |                |             | Railroad:                  | <b>0.0000 0.00</b>      |
|                     | Total Length:             | <b>231.000</b> |                | 6.2         | Corridor Development Data: |                         |
| 5.3                 | Armoring Length           | <u>Left</u>    | <u>Right</u>   |             | Length:                    | <b>212.8300 0.0000</b>  |
|                     |                           | <b>0.00000</b> | <b>0.00000</b> | 6.4         | Miander Migration:         | <b>Flood Chute</b>      |
|                     | Data Armoring:            | <b>None</b>    |                |             | <u>Old</u>                 | <u>New</u>              |
| 5.4                 | Straightening Length:     | <b>0.00000</b> |                | 7.2         | Bank Erosion:              | <b>None 460.8999939</b> |
|                     | Straightening Data:       | <b>None</b>    |                |             | Bank Height:               | <b>N.D. 0.000</b>       |



# Stream Geomorphic Assessment

## Agency of Natural Resources

VT DEC

Vermont.gov  
May, 20 2024

|                     |                           |              |              |             |                            |                      |
|---------------------|---------------------------|--------------|--------------|-------------|----------------------------|----------------------|
| Reach: <b>T0814</b> |                           |              |              | <u>Step</u> | <u>Description</u>         | <u>Value</u>         |
| <u>Step</u>         | <u>Description</u>        | <u>Value</u> |              | 5.5         | Dredging History:          | <b>None</b>          |
| 3.1                 | Alluvial Fan:             | <b>None</b>  |              | 6.1         | Berms & Roads Data:        | <b>Not Evaluated</b> |
| 3.2                 | Grade Control:            | <b>Ledge</b> |              |             | <u>One Side</u>            | <u>Both Sides</u>    |
| 4.3                 | Buffer Less Than 25 ft    | <u>Left</u>  | <u>Right</u> |             | Berms & Roads:             |                      |
|                     |                           | <b>0</b>     | <b>0</b>     |             | Berm:                      |                      |
| 5.1                 | Flow Regulation - Type:   | <b>None</b>  |              |             | Path:                      |                      |
|                     | Use:                      |              |              |             | Road:                      |                      |
| 5.2                 | # of Bridges or Culverts: | <b>0</b>     |              |             | Railroad:                  |                      |
|                     | Total Length:             | <b>0.000</b> |              | 6.2         | Corridor Development Data: |                      |
| 5.3                 | Armoring Length           | <u>Left</u>  | <u>Right</u> |             | Length:                    | <b>0.0000 0.0000</b> |
|                     | Data Armoring:            | <b>None</b>  |              | 6.4         | Miander Migration:         | <b>None</b>          |
| 5.4                 | Straightening Length:     |              |              |             | <u>Old</u>                 | <u>New</u>           |
|                     | Straightening Data:       | <b>None</b>  |              | 7.2         | Bank Erosion:              | <b>Low</b>           |
|                     |                           |              |              |             | Bank Height:               | <b>Low</b>           |

|                                  |                           |                  |                   |             |                            |                           |
|----------------------------------|---------------------------|------------------|-------------------|-------------|----------------------------|---------------------------|
| Reach: <b>T08.04-S1.10-S1.01</b> |                           |                  |                   | <u>Step</u> | <u>Description</u>         | <u>Value</u>              |
| <u>Step</u>                      | <u>Description</u>        | <u>Value</u>     |                   | 5.5         | Dredging History:          | <b>None</b>               |
| 3.1                              | Alluvial Fan:             | <b>Yes</b>       |                   | 6.1         | Berms & Roads Data:        |                           |
| 3.2                              | Grade Control:            | <b>Ledge</b>     |                   |             | <u>One Side</u>            | <u>Both Sides</u>         |
| 4.3                              | Buffer Less Than 25 ft    | <u>Left</u>      | <u>Right</u>      |             | Berms & Roads:             | <b>1898.9700 55.0800</b>  |
|                                  |                           | <b>0</b>         | <b>0</b>          |             | Berm:                      | <b>1600.6801 55.0800</b>  |
| 5.1                              | Flow Regulation - Type:   | <b>None</b>      |                   |             | Path:                      | <b>185.680 0.000</b>      |
|                                  | Use:                      |                  |                   |             | Road:                      | <b>112.6100 0.00000</b>   |
| 5.2                              | # of Bridges or Culverts: | <b>4</b>         |                   |             | Railroad:                  | <b>0.0000 0.00</b>        |
|                                  | Total Length:             | <b>538.000</b>   |                   | 6.2         | Corridor Development Data: |                           |
| 5.3                              | Armoring Length           | <u>Left</u>      | <u>Right</u>      |             | Length:                    | <b>936.2000 0.0000</b>    |
|                                  |                           | <b>73.6400 0</b> | <b>371.760 01</b> | 6.4         | Miander Migration:         | <b>Migration</b>          |
|                                  | Data Armoring:            |                  |                   |             | <u>Old</u>                 | <u>New</u>                |
| 5.4                              | Straightening Length:     | <b>0.00000</b>   |                   | 7.2         | Bank Erosion:              | <b>None 3878.489990 2</b> |
|                                  | Straightening Data:       | <b>None</b>      |                   |             | Bank Height:               | <b>N.D. 0.000</b>         |