



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
November, 22 2024

## Phase 1 - FIT - Legacy Data Report

## Rodman Brook

SGAT Version: 4.56

Reach: **R18S1.01**

| <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</b>          | <b>144</b>     |
| 5.1         | Flow Regulation - Type:   | <b>None</b>       |                |
|             | Use:                      |                   |                |
| 5.2         | # of Bridges or Culverts: | <b>1</b>          |                |
|             | Total Length:             | <b>240.000</b>    |                |
| 5.3         | Armoring Length           | <u>Left</u>       | <u>Right</u>   |
|             |                           | <b>160.970</b>    | <b>123.340</b> |
|             |                           | <b>00</b>         | <b>00</b>      |
|             | Data Armoring:            |                   |                |
| 5.4         | Straightening Length:     | <b>1073.98999</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>380.8800</b> | <b>90.0100</b>     |
|             | Berm:                      | <b>166.5900</b> | <b>90.0100</b>     |
|             | Path:                      | <b>0.000</b>    | <b>0.000</b>       |
|             | Road:                      | <b>214.2900</b> | <b>0.00000</b>     |
|             | Railroad:                  | <b>0.0000</b>   | <b>0.00</b>        |
| 6.2         | Corridor Development Data: |                 |                    |
|             | Length:                    | <b>0.0000</b>   | <b>63.0200</b>     |
| 6.4         | Miander Migration:         | <b>Multiple</b> |                    |
|             |                            | <u>Old</u>      | <u>New</u>         |
| 7.2         | Bank Erosion:              | <b>None</b>     | <b>1059.309936</b> |
|             |                            |                 | <b>5</b>           |
|             | Bank Height:               | <b>N.D.</b>     | <b>5.085</b>       |



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Reach: **R18S1.02**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>     |                 |
|-------------|---------------------------|------------------|-----------------|
| 3.1         | Alluvial Fan:             | <b>None</b>      |                 |
| 3.2         | Grade Control:            | <b>Ledge</b>     |                 |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>      | <u>Right</u>    |
|             |                           | <b>0</b>         | <b>583</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>81.3600</b>   | <b>133.7000</b> |
|             |                           | <b>0</b>         | <b>00</b>       |
|             | Data Armoring:            |                  |                 |
| 5.4         | Straightening Length:     | <b>466.79999</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>1523.9399</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>1523.9399</b> | <b>0.00000</b>     |
|             | Railroad:                  | <b>0.0000</b>    | <b>0.00</b>        |
| 6.2         | Corridor Development Data: |                  |                    |
|             | Length:                    | <b>0.0000</b>    | <b>0.0000</b>      |
| 6.4         | Miander Migration:         | <b>Multiple</b>  |                    |
|             |                            | <u>Old</u>       | <u>New</u>         |
| 7.2         | Bank Erosion:              | <b>None</b>      | <b>548.0300293</b> |
|             | Bank Height:               | <b>N.D.</b>      | <b>5.493</b>       |

Reach: **R18S1.03**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>     |                 |
|-------------|---------------------------|------------------|-----------------|
| 3.1         | Alluvial Fan:             | <b>None</b>      |                 |
| 3.2         | Grade Control:            | <b>None</b>      |                 |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>      | <u>Right</u>    |
|             |                           | <b>0</b>         | <b>134</b>      |
| 5.1         | Flow Regulation - Type:   | <b>None</b>      |                 |
|             | Use:                      |                  |                 |
| 5.2         | # of Bridges or Culverts: | <b>1</b>         |                 |
|             | Total Length:             | <b>290.000</b>   |                 |
| 5.3         | Armoring Length           | <u>Left</u>      | <u>Right</u>    |
|             |                           | <b>120.9800</b>  | <b>280.6099</b> |
|             |                           | <b>00</b>        | <b>99</b>       |
|             | Data Armoring:            |                  |                 |
| 5.4         | Straightening Length:     | <b>598.02002</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>1246.9800</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>1246.9800</b>   | <b>0.00000</b>     |
|             | Railroad:                  | <b>0.0000</b>      | <b>0.00</b>        |
| 6.2         | Corridor Development Data: |                    |                    |
|             | Length:                    | <b>0.0000</b>      | <b>72.5800</b>     |
| 6.4         | Miander Migration:         | <b>Flood Chute</b> |                    |
|             |                            | <u>Old</u>         | <u>New</u>         |
| 7.2         | Bank Erosion:              | <b>None</b>        | <b>203.3999939</b> |
|             | Bank Height:               | <b>N.D.</b>        | <b>5.822</b>       |



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Reach: **R18S1.04**

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

| <u>Step</u> | <u>Description</u>         | <u>Value</u>    |                   |
|-------------|----------------------------|-----------------|-------------------|
| 5.5         | Dredging History:          | <b>None</b>     |                   |
| 6.1         | Berms & Roads Data:        | <b>None</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: | <b>None</b>     |                   |
|             | Length:                    | <b>0.0000</b>   | <b>0.0000</b>     |
| 6.4         | Miander Migration:         |                 |                   |
|             |                            | <u>Old</u>      | <u>New</u>        |
| 7.2         | Bank Erosion:              | <b>None</b>     | <b>0.0000000</b>  |
|             | Bank Height:               | <b>N.D.</b>     | <b>0.000</b>      |

Reach: **R18S1.05**

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



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Reach: **R18S1.06**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>     |                |
|-------------|---------------------------|------------------|----------------|
| 3.1         | Alluvial Fan:             | <b>None</b>      |                |
| 3.2         | Grade Control:            | <b>Ledge</b>     |                |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>      | <u>Right</u>   |
|             |                           | <b>0</b>         | <b>259</b>     |
| 5.1         | Flow Regulation - Type:   | <b>None</b>      |                |
|             | Use:                      |                  |                |
| 5.2         | # of Bridges or Culverts: | <b>1</b>         |                |
|             | Total Length:             | <b>81.000</b>    |                |
| 5.3         | Armoring Length           | <u>Left</u>      | <u>Right</u>   |
|             |                           | <b>0.00000</b>   | <b>0.00000</b> |
|             | Data Armoring:            | <b>None</b>      |                |
| 5.4         | Straightening Length:     | <b>116.06000</b> |                |
|             | Straightening Data:       |                  |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>    |                    |
|-------------|----------------------------|-----------------|--------------------|
| 5.5         | Dredging History:          | <b>None</b>     |                    |
| 6.1         | Berms & Roads Data:        |                 |                    |
|             |                            | <u>One Side</u> | <u>Both Sides</u>  |
|             | Berms & Roads:             | <b>0.0000</b>   | <b>0.0000</b>      |
|             | Berm:                      | <b>0.0000</b>   | <b>0.0000</b>      |
|             | Path:                      | <b>0.000</b>    | <b>0.000</b>       |
|             | Road:                      | <b>0.0000</b>   | <b>0.00000</b>     |
|             | Railroad:                  | <b>0.0000</b>   | <b>0.00</b>        |
| 6.2         | Corridor Development Data: |                 |                    |
|             | Length:                    | <b>0.0000</b>   | <b>65.4700</b>     |
| 6.4         | Miander Migration:         | <b>Multiple</b> |                    |
|             |                            | <u>Old</u>      | <u>New</u>         |
| 7.2         | Bank Erosion:              | <b>None</b>     | <b>240.8399963</b> |
|             | Bank Height:               | <b>N.D.</b>     | <b>17.448</b>      |

Reach: **R18S1.07**

| <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</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>132.000</b>   |                |
| 5.3         | Armoring Length           | <u>Left</u>      | <u>Right</u>   |
|             |                           | <b>0.00000</b>   | <b>0.00000</b> |
|             | Data Armoring:            | <b>None</b>      |                |
| 5.4         | Straightening Length:     | <b>117.86000</b> |                |
|             | Straightening Data:       |                  |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>    |                   |
|-------------|----------------------------|-----------------|-------------------|
| 5.5         | Dredging History:          | <b>None</b>     |                   |
| 6.1         | Berms & Roads Data:        |                 |                   |
|             |                            | <u>One Side</u> | <u>Both Sides</u> |
|             | Berms & Roads:             | <b>0.0000</b>   | <b>0.0000</b>     |
|             | Berm:                      | <b>0.0000</b>   | <b>0.0000</b>     |
|             | Path:                      | <b>0.000</b>    | <b>0.000</b>      |
|             | Road:                      | <b>0.0000</b>   | <b>0.00000</b>    |
|             | Railroad:                  | <b>0.0000</b>   | <b>0.00</b>       |
| 6.2         | Corridor Development Data: |                 |                   |
|             | Length:                    | <b>0.0000</b>   | <b>79.1400</b>    |
| 6.4         | Miander Migration:         |                 |                   |
|             |                            | <u>Old</u>      | <u>New</u>        |
| 7.2         | Bank Erosion:              | <b>None</b>     | <b>64.0299988</b> |
|             | Bank Height:               | <b>N.D.</b>     | <b>5.000</b>      |



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Reach: **R18S1.08**

| <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</b>       | <b>0</b>       |
| 5.1         | Flow Regulation - Type:   | <b>None</b>    |                |
|             | Use:                      |                |                |
| 5.2         | # of Bridges or Culverts: | <b>0</b>       |                |
|             | Total Length:             | <b>0.000</b>   |                |
| 5.3         | Armoring Length           | <u>Left</u>    | <u>Right</u>   |
|             |                           | <b>0.00000</b> | <b>0.00000</b> |
|             | Data Armoring:            | <b>None</b>    |                |
| 5.4         | Straightening Length:     | <b>0.00000</b> |                |
|             | Straightening Data:       | <b>None</b>    |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>       |                    |
|-------------|----------------------------|--------------------|--------------------|
| 5.5         | Dredging History:          | <b>None</b>        |                    |
| 6.1         | Berms & Roads Data:        | <u>One Side</u>    | <u>Both Sides</u>  |
|             | Berms & Roads:             | <b>0.0000</b>      | <b>0.0000</b>      |
|             | Berm:                      | <b>0.0000</b>      | <b>0.0000</b>      |
|             | Path:                      | <b>0.000</b>       | <b>0.000</b>       |
|             | Road:                      | <b>0.0000</b>      | <b>0.00000</b>     |
|             | Railroad:                  | <b>0.0000</b>      | <b>0.00</b>        |
| 6.2         | Corridor Development Data: |                    |                    |
|             | Length:                    | <b>0.0000</b>      | <b>0.0000</b>      |
| 6.4         | Miander Migration:         | <b>Flood Chute</b> |                    |
|             |                            | <u>Old</u>         | <u>New</u>         |
| 7.2         | Bank Erosion:              | <b>None</b>        | <b>109.7200012</b> |
|             | Bank Height:               | <b>N.D.</b>        | <b>3.623</b>       |

Reach: **R18S1.09**

| <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>0.00000</b> | <b>0.00000</b> |
|             | Data Armoring:            | <b>None</b>    |                |
| 5.4         | Straightening Length:     | <b>0.00000</b> |                |
|             | Straightening Data:       | <b>None</b>    |                |

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



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Reach: **R18S1.10**

| <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>356</b>       | <b>357</b>     |
| 5.1         | Flow Regulation - Type:   | <b>None</b>      |                |
|             | Use:                      |                  |                |
| 5.2         | # of Bridges or Culverts: | <b>3</b>         |                |
|             | Total Length:             | <b>581.000</b>   |                |
| 5.3         | Armoring Length           | <u>Left</u>      | <u>Right</u>   |
|             |                           | <b>0.00000</b>   | <b>0.00000</b> |
|             | Data Armoring:            | <b>None</b>      |                |
| 5.4         | Straightening Length:     | <b>576.82001</b> |                |
|             | Straightening Data:       |                  |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>     |                   |
|-------------|----------------------------|------------------|-------------------|
| 5.5         | Dredging History:          | <b>None</b>      |                   |
| 6.1         | Berms & Roads Data:        |                  |                   |
|             |                            | <u>One Side</u>  | <u>Both Sides</u> |
|             | Berms & Roads:             | <b>0.0000</b>    | <b>0.0000</b>     |
|             | Berm:                      | <b>0.0000</b>    | <b>0.0000</b>     |
|             | Path:                      | <b>0.000</b>     | <b>0.000</b>      |
|             | Road:                      | <b>0.0000</b>    | <b>0.00000</b>    |
|             | Railroad:                  | <b>0.0000</b>    | <b>0.00</b>       |
| 6.2         | Corridor Development Data: |                  |                   |
|             | Length:                    | <b>287.7300</b>  | <b>172.6100</b>   |
| 6.4         | Miander Migration:         | <b>Migration</b> |                   |
|             |                            | <u>Old</u>       | <u>New</u>        |
| 7.2         | Bank Erosion:              | <b>None</b>      | <b>0.0000000</b>  |
|             | Bank Height:               | <b>N.D.</b>      | <b>0.000</b>      |

Reach: **R18S1.11**

| <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>     |              |
| 5.1         | Flow Regulation - Type:   |              |              |
|             | Use:                      |              |              |
| 5.2         | # of Bridges or Culverts: |              |              |
|             | Total Length:             |              |              |
| 5.3         | Armoring Length           | <u>Left</u>  | <u>Right</u> |
|             |                           |              |              |
|             | Data Armoring:            | <b>None</b>  |              |
| 5.4         | Straightening Length:     |              |              |
|             | 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>None</b>     |                   |
|             |                            | <u>One Side</u> | <u>Both Sides</u> |
|             | Berms & Roads:             |                 |                   |
|             | Berm:                      |                 |                   |
|             | Path:                      |                 |                   |
|             | Road:                      |                 |                   |
|             | Railroad:                  |                 |                   |
| 6.2         | Corridor Development Data: | <b>None</b>     |                   |
|             | Length:                    |                 |                   |
| 6.4         | Miander Migration:         |                 |                   |
|             |                            | <u>Old</u>      | <u>New</u>        |
| 7.2         | Bank Erosion:              |                 |                   |
|             | Bank Height:               |                 |                   |



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Reach: **R18S1.12**

| <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>271</b>       | <b>270</b>     |
| 5.1         | Flow Regulation - Type:   | <b>None</b>      |                |
|             | Use:                      |                  |                |
| 5.2         | # of Bridges or Culverts: | <b>1</b>         |                |
|             | Total Length:             | <b>120.000</b>   |                |
| 5.3         | Armoring Length           | <u>Left</u>      | <u>Right</u>   |
|             |                           | <b>0.00000</b>   | <b>0.00000</b> |
|             | Data Armoring:            | <b>None</b>      |                |
| 5.4         | Straightening Length:     | <b>125.67000</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>275.4800</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>275.4800</b> | <b>0.00000</b>    |
|             | Railroad:                  | <b>0.0000</b>   | <b>0.00</b>       |
| 6.2         | Corridor Development Data: |                 |                   |
|             | Length:                    | <b>0.0000</b>   | <b>59.9000</b>    |
| 6.4         | Miander Migration:         | <u>Old</u>      | <u>New</u>        |
| 7.2         | Bank Erosion:              | <b>None</b>     | <b>0.0000000</b>  |
|             | Bank Height:               | <b>N.D.</b>     | <b>0.000</b>      |

Reach: **R18S1.13**

| <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>2925</b>    | <b>2941</b>    |
| 5.1         | Flow Regulation - Type:   | <b>None</b>    |                |
|             | Use:                      |                |                |
| 5.2         | # of Bridges or Culverts: | <b>1</b>       |                |
|             | Total Length:             | <b>60.000</b>  |                |
| 5.3         | Armoring Length           | <u>Left</u>    | <u>Right</u>   |
|             |                           | <b>0.00000</b> | <b>0.00000</b> |
|             | Data Armoring:            | <b>None</b>    |                |
| 5.4         | Straightening Length:     | <b>0.00000</b> |                |
|             | Straightening Data:       | <b>None</b>    |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>    |                   |
|-------------|----------------------------|-----------------|-------------------|
| 5.5         | Dredging History:          | <b>None</b>     |                   |
| 6.1         | Berms & Roads Data:        | <u>One Side</u> | <u>Both Sides</u> |
|             | Berms & Roads:             | <b>0.0000</b>   | <b>0.0000</b>     |
|             | Berm:                      | <b>0.0000</b>   | <b>0.0000</b>     |
|             | Path:                      | <b>0.000</b>    | <b>0.000</b>      |
|             | Road:                      | <b>0.0000</b>   | <b>0.00000</b>    |
|             | Railroad:                  | <b>0.0000</b>   | <b>0.00</b>       |
| 6.2         | Corridor Development Data: |                 |                   |
|             | Length:                    | <b>0.0000</b>   | <b>57.4900</b>    |
| 6.4         | Miander Migration:         | <u>Old</u>      | <u>New</u>        |
| 7.2         | Bank Erosion:              | <b>None</b>     | <b>0.0000000</b>  |
|             | Bank Height:               | <b>N.D.</b>     | <b>0.000</b>      |



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Reach: **R18S1.14**

| <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>665</b>     | <b>665</b>     |
| 5.1         | Flow Regulation - Type:   | <b>None</b>    |                |
|             | Use:                      |                |                |
| 5.2         | # of Bridges or Culverts: | <b>0</b>       |                |
|             | Total Length:             | <b>0.000</b>   |                |
| 5.3         | Armoring Length           | <u>Left</u>    | <u>Right</u>   |
|             |                           | <b>0.00000</b> | <b>0.00000</b> |
|             | Data Armoring:            | <b>None</b>    |                |
| 5.4         | Straightening Length:     | <b>0.00000</b> |                |
|             | Straightening Data:       | <b>None</b>    |                |

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

Reach: **R18S1.15**

| <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> |
| 5.1         | Flow Regulation - Type:   |              |              |
|             | Use:                      |              |              |
| 5.2         | # of Bridges or Culverts: |              |              |
|             | Total Length:             |              |              |
| 5.3         | Armoring Length           | <u>Left</u>  | <u>Right</u> |
|             |                           |              |              |
|             | Data Armoring:            | <b>None</b>  |              |
| 5.4         | Straightening Length:     |              |              |
|             | 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>No Data</b>  |                   |
|             |                            | <u>One Side</u> | <u>Both Sides</u> |
|             | Berms & Roads:             |                 |                   |
|             | Berm:                      |                 |                   |
|             | Path:                      |                 |                   |
|             | Road:                      |                 |                   |
|             | Railroad:                  |                 |                   |
| 6.2         | Corridor Development Data: | <b>No Data</b>  |                   |
|             | Length:                    |                 |                   |
| 6.4         | Miander Migration:         | <u>Old</u>      | <u>New</u>        |
| 7.2         | Bank Erosion:              |                 |                   |
|             | Bank Height:               |                 |                   |