



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
June, 30 2024

## Phase 1 - FIT - Legacy Data Report

## New Haven River

SGAT Version: **4.56**

Reach: **M01**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>    |                | <u>Step</u> | <u>Description</u>         | <u>Value</u>     |                   |
|-------------|---------------------------|-----------------|----------------|-------------|----------------------------|------------------|-------------------|
| 3.1         | Alluvial Fan:             | <b>None</b>     |                | 5.5         | Dredging History:          | <b>None</b>      |                   |
| 3.2         | Grade Control:            | <b>Multiple</b> |                | 6.1         | Berms & Roads Data:        |                  |                   |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>     | <u>Right</u>   |             |                            | <u>One Side</u>  | <u>Both Sides</u> |
|             |                           | <b>170</b>      | <b>1393</b>    |             | Berms & Roads:             | <b>2844.6001</b> | <b>1100.1899</b>  |
| 5.1         | Flow Regulation - Type:   | <b>None</b>     |                |             | Berm:                      | <b>0.0000</b>    | <b>0.0000</b>     |
|             | Use:                      |                 |                |             | Path:                      | <b>0.000</b>     | <b>0.000</b>      |
| 5.2         | # of Bridges or Culverts: | <b>2</b>        |                |             | Road:                      | <b>1989.3000</b> | <b>1100.18994</b> |
|             | Total Length:             | <b>388.000</b>  |                |             | Railroad:                  | <b>855.3000</b>  | <b>0.00</b>       |
| 5.3         | Armoring Length           | <u>Left</u>     | <u>Right</u>   | 6.2         | Corridor Development Data: |                  |                   |
|             |                           | <b>85.2800</b>  | <b>331.229</b> |             | Length:                    | <b>416.5300</b>  | <b>376.4200</b>   |
|             |                           | <b>0</b>        | <b>98</b>      | 6.4         | Miander Migration:         | <b>None</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>0.0000000</b>  |
|             | Straightening Data:       | <b>None</b>     |                |             | Bank Height:               | <b>N.D.</b>      | <b>0.000</b>      |



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Reach: **M02**

| <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>661</b>       | <b>442</b>     |
| 5.1         | Flow Regulation - Type:   | <b>None</b>      |                |
|             | Use:                      |                  |                |
| 5.2         | # of Bridges or Culverts: | <b>1</b>         |                |
|             | Total Length:             | <b>251.000</b>   |                |
| 5.3         | Armoring Length           | <u>Left</u>      | <u>Right</u>   |
|             |                           | <b>429.359</b>   | <b>344.429</b> |
|             |                           | <b>99</b>        | <b>99</b>      |
|             | Data Armoring:            |                  |                |
| 5.4         | Straightening Length:     | <b>882.96997</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>252.3000</b> | <b>0.0000</b>      |
|             | Berm:                      | <b>252.3000</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>483.5700</b> | <b>193.6700</b>    |
| 6.4         | Miander Migration:         | <b>Multiple</b> |                    |
|             |                            | <u>Old</u>      | <u>New</u>         |
| 7.2         | Bank Erosion:              | <b>None</b>     | <b>1466.719970</b> |
|             |                            |                 | <b>7</b>           |
|             | Bank Height:               | <b>N.D.</b>     | <b>5.104</b>       |

Reach: **M03**

| <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>1028</b>             | <b>343</b>     |
| 5.1         | Flow Regulation - Type:   | <b>Small Withdrawal</b> |                |
|             | Use:                      | <b>Other</b>            |                |
| 5.2         | # of Bridges or Culverts: | <b>1</b>                |                |
|             | Total Length:             | <b>300.000</b>          |                |
| 5.3         | Armoring Length           | <u>Left</u>             | <u>Right</u>   |
|             |                           | <b>447.289</b>          | <b>210.120</b> |
|             |                           | <b>98</b>               | <b>00</b>      |
|             | Data Armoring:            |                         |                |
| 5.4         | Straightening Length:     | <b>915.52002</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>1164.0199</b> | <b>105.6000</b>    |
|             | Berm:                      | <b>0.0000</b>    | <b>0.0000</b>      |
|             | Path:                      | <b>0.000</b>     | <b>0.000</b>       |
|             | Road:                      | <b>1164.0199</b> | <b>105.60000</b>   |
|             | Railroad:                  | <b>0.0000</b>    | <b>0.00</b>        |
| 6.2         | Corridor Development Data: |                  |                    |
|             | Length:                    | <b>498.7100</b>  | <b>120.4800</b>    |
| 6.4         | Miander Migration:         | <b>Multiple</b>  |                    |
|             |                            | <u>Old</u>       | <u>New</u>         |
| 7.2         | Bank Erosion:              | <b>None</b>      | <b>1681.310058</b> |
|             |                            |                  | <b>6</b>           |
|             | Bank Height:               | <b>N.D.</b>      | <b>3.598</b>       |



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Reach: **T1.01**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>     |              |
|-------------|---------------------------|------------------|--------------|
| 3.1         | Alluvial Fan:             | <b>None</b>      |              |
| 3.2         | Grade Control:            | <b>No Data</b>   |              |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>      | <u>Right</u> |
|             |                           | <b>212</b>       | <b>121</b>   |
| 5.1         | Flow Regulation - Type:   | <b>None</b>      |              |
|             | Use:                      |                  |              |
| 5.2         | # of Bridges or Culverts: | <b>1</b>         |              |
|             | Total Length:             | <b>303.000</b>   |              |
| 5.3         | Armoring Length           | <u>Left</u>      | <u>Right</u> |
|             | Data Armoring:            | <b>No Data</b>   |              |
| 5.4         | Straightening Length:     | <b>950.00000</b> |              |
|             | Straightening Data:       |                  |              |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>     |                   |
|-------------|----------------------------|------------------|-------------------|
| 5.5         | Dredging History:          | <b>No Data</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: |                  |                   |
|             | 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>N.D.</b>      |                   |
|             | Bank Height:               | <b>N.D.</b>      |                   |

Reach: **T1.02**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>     |              |
|-------------|---------------------------|------------------|--------------|
| 3.1         | Alluvial Fan:             | <b>Yes</b>       |              |
| 3.2         | Grade Control:            | <b>No Data</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> |
|             | Data Armoring:            | <b>No Data</b>   |              |
| 5.4         | Straightening Length:     | <b>450.00000</b> |              |
|             | Straightening Data:       |                  |              |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>     |                   |
|-------------|----------------------------|------------------|-------------------|
| 5.5         | Dredging History:          | <b>No Data</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: |                  |                   |
|             | 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>N.D.</b>      |                   |
|             | Bank Height:               | <b>N.D.</b>      |                   |



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Reach: **T1.03**

| <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</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>47.000</b>  |              |
| 5.3         | Armoring Length           | <u>Left</u>    | <u>Right</u> |
|             | Data Armoring:            | <b>No Data</b> |              |
| 5.4         | Straightening Length:     |                |              |
|             | Straightening Data:       | <b>None</b>    |              |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>    |                   |
|-------------|----------------------------|-----------------|-------------------|
| 5.5         | Dredging History:          | <b>No Data</b>  |                   |
| 6.1         | Berms & Roads Data:        |                 |                   |
|             |                            | <u>One Side</u> | <u>Both Sides</u> |
|             | Berms & Roads:             | <b>47.0000</b>  |                   |
|             | Berm:                      |                 |                   |
|             | Path:                      |                 |                   |
|             | Road:                      |                 |                   |
|             | Railroad:                  |                 |                   |
| 6.2         | Corridor Development Data: |                 |                   |
|             | Length:                    | <b>0.0000</b>   | <b>0.0000</b>     |
| 6.4         | Miander Migration:         | <b>None</b>     |                   |
|             |                            | <u>Old</u>      | <u>New</u>        |
| 7.2         | Bank Erosion:              | <b>N.D.</b>     |                   |
|             | Bank Height:               | <b>N.D.</b>     |                   |

Reach: **T1.04**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>     |              |
|-------------|---------------------------|------------------|--------------|
| 3.1         | Alluvial Fan:             | <b>None</b>      |              |
| 3.2         | Grade Control:            | <b>No Data</b>   |              |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>      | <u>Right</u> |
|             |                           | <b>823</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> |
|             | Data Armoring:            | <b>No Data</b>   |              |
| 5.4         | Straightening Length:     | <b>700.00000</b> |              |
|             | Straightening Data:       |                  |              |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>     |                   |
|-------------|----------------------------|------------------|-------------------|
| 5.5         | Dredging History:          | <b>No Data</b>   |                   |
| 6.1         | Berms & Roads Data:        |                  |                   |
|             |                            | <u>One Side</u>  | <u>Both Sides</u> |
|             | Berms & Roads:             |                  |                   |
|             | Berm:                      |                  |                   |
|             | Path:                      |                  |                   |
|             | Road:                      |                  |                   |
|             | Railroad:                  |                  |                   |
| 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>N.D.</b>      |                   |
|             | Bank Height:               | <b>N.D.</b>      |                   |



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Reach: **T1.05**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>     |              |
|-------------|---------------------------|------------------|--------------|
| 3.1         | Alluvial Fan:             | <b>None</b>      |              |
| 3.2         | Grade Control:            | <b>No Data</b>   |              |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>      | <u>Right</u> |
|             |                           | <b>1898</b>      | <b>1675</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> |
|             | Data Armoring:            | <b>No Data</b>   |              |
| 5.4         | Straightening Length:     | <b>800.00000</b> |              |
|             | Straightening Data:       |                  |              |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>    |                   |
|-------------|----------------------------|-----------------|-------------------|
| 5.5         | Dredging History:          | <b>No Data</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: |                 |                   |
|             | 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>N.D.</b>     |                   |
|             | Bank Height:               | <b>N.D.</b>     |                   |

Reach: **T1.06**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>      |              |
|-------------|---------------------------|-------------------|--------------|
| 3.1         | Alluvial Fan:             | <b>None</b>       |              |
| 3.2         | Grade Control:            | <b>No Data</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>276.000</b>    |              |
| 5.3         | Armoring Length           | <u>Left</u>       | <u>Right</u> |
|             | Data Armoring:            | <b>No Data</b>    |              |
| 5.4         | Straightening Length:     | <b>1400.00000</b> |              |
|             | Straightening Data:       |                   |              |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>    |                   |
|-------------|----------------------------|-----------------|-------------------|
| 5.5         | Dredging History:          | <b>No Data</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: |                 |                   |
|             | Length:                    | <b>55.0000</b>  | <b>0.0000</b>     |
| 6.4         | Miander Migration:         | <b>None</b>     |                   |
|             |                            | <u>Old</u>      | <u>New</u>        |
| 7.2         | Bank Erosion:              | <b>N.D.</b>     |                   |
|             | Bank Height:               | <b>N.D.</b>     |                   |



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Reach: **T1.07**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>      |              |
|-------------|---------------------------|-------------------|--------------|
| 3.1         | Alluvial Fan:             | <b>None</b>       |              |
| 3.2         | Grade Control:            | <b>No Data</b>    |              |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>       | <u>Right</u> |
|             |                           | <b>334</b>        | <b>83</b>    |
| 5.1         | Flow Regulation - Type:   | <b>None</b>       |              |
|             | Use:                      |                   |              |
| 5.2         | # of Bridges or Culverts: | <b>1</b>          |              |
|             | Total Length:             | <b>209.000</b>    |              |
| 5.3         | Armoring Length           | <u>Left</u>       | <u>Right</u> |
|             | Data Armoring:            | <b>No Data</b>    |              |
| 5.4         | Straightening Length:     | <b>1100.00000</b> |              |
|             | Straightening Data:       |                   |              |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>     |                   |
|-------------|----------------------------|------------------|-------------------|
| 5.5         | Dredging History:          | <b>No Data</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: |                  |                   |
|             | 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>N.D.</b>      |                   |
|             | Bank Height:               | <b>N.D.</b>      |                   |

Reach: **T1.08**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>     |              |
|-------------|---------------------------|------------------|--------------|
| 3.1         | Alluvial Fan:             | <b>None</b>      |              |
| 3.2         | Grade Control:            | <b>No Data</b>   |              |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>      | <u>Right</u> |
|             |                           | <b>207</b>       | <b>580</b>   |
| 5.1         | Flow Regulation - Type:   | <b>None</b>      |              |
|             | Use:                      |                  |              |
| 5.2         | # of Bridges or Culverts: | <b>2</b>         |              |
|             | Total Length:             | <b>829.000</b>   |              |
| 5.3         | Armoring Length           | <u>Left</u>      | <u>Right</u> |
|             | Data Armoring:            | <b>No Data</b>   |              |
| 5.4         | Straightening Length:     | <b>800.00000</b> |              |
|             | Straightening Data:       |                  |              |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>    |                   |
|-------------|----------------------------|-----------------|-------------------|
| 5.5         | Dredging History:          | <b>No Data</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: |                 |                   |
|             | Length:                    | <b>0.0000</b>   | <b>166.0000</b>   |
| 6.4         | Miander Migration:         | <b>None</b>     |                   |
|             |                            | <u>Old</u>      | <u>New</u>        |
| 7.2         | Bank Erosion:              | <b>N.D.</b>     |                   |
|             | Bank Height:               | <b>N.D.</b>     |                   |



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Reach: **T1.09**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>     |              |
|-------------|---------------------------|------------------|--------------|
| 3.1         | Alluvial Fan:             | <b>None</b>      |              |
| 3.2         | Grade Control:            | <b>No Data</b>   |              |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>      | <u>Right</u> |
|             |                           | <b>272</b>       | <b>272</b>   |
| 5.1         | Flow Regulation - Type:   | <b>None</b>      |              |
|             | Use:                      |                  |              |
| 5.2         | # of Bridges or Culverts: | <b>1</b>         |              |
|             | Total Length:             | <b>272.000</b>   |              |
| 5.3         | Armoring Length           | <u>Left</u>      | <u>Right</u> |
|             | Data Armoring:            | <b>No Data</b>   |              |
| 5.4         | Straightening Length:     | <b>500.00000</b> |              |
|             | Straightening Data:       |                  |              |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>    |                   |
|-------------|----------------------------|-----------------|-------------------|
| 5.5         | Dredging History:          | <b>No Data</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: |                 |                   |
|             | Length:                    | <b>0.0000</b>   | <b>0.0000</b>     |
| 6.4         | Miander Migration:         | <b>No Data</b>  |                   |
|             |                            | <u>Old</u>      | <u>New</u>        |
| 7.2         | Bank Erosion:              | <b>N.D.</b>     |                   |
|             | Bank Height:               | <b>N.D.</b>     |                   |

Reach: **T1.10**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>   |              |
|-------------|---------------------------|----------------|--------------|
| 3.1         | Alluvial Fan:             | <b>None</b>    |              |
| 3.2         | Grade Control:            | <b>No Data</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> |
|             | Data Armoring:            | <b>No Data</b> |              |
| 5.4         | Straightening Length:     |                |              |
|             | Straightening Data:       | <b>None</b>    |              |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>    |                   |
|-------------|----------------------------|-----------------|-------------------|
| 5.5         | Dredging History:          | <b>No Data</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: |                 |                   |
|             | Length:                    | <b>0.0000</b>   | <b>0.0000</b>     |
| 6.4         | Miander Migration:         | <b>No Data</b>  |                   |
|             |                            | <u>Old</u>      | <u>New</u>        |
| 7.2         | Bank Erosion:              | <b>N.D.</b>     |                   |
|             | Bank Height:               | <b>N.D.</b>     |                   |



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Reach: **T1.11**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>      |              |
|-------------|---------------------------|-------------------|--------------|
| 3.1         | Alluvial Fan:             | <b>None</b>       |              |
| 3.2         | Grade Control:            | <b>No Data</b>    |              |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>       | <u>Right</u> |
|             |                           | <b>41</b>         | <b>41</b>    |
| 5.1         | Flow Regulation - Type:   | <b>None</b>       |              |
|             | Use:                      |                   |              |
| 5.2         | # of Bridges or Culverts: | <b>1</b>          |              |
|             | Total Length:             | <b>208.000</b>    |              |
| 5.3         | Armoring Length           | <u>Left</u>       | <u>Right</u> |
|             | Data Armoring:            |                   |              |
| 5.4         | Straightening Length:     | <b>2150.00000</b> |              |
|             | Straightening Data:       |                   |              |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>    |                   |
|-------------|----------------------------|-----------------|-------------------|
| 5.5         | Dredging History:          | <b>No Data</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: |                 |                   |
|             | Length:                    | <b>0.0000</b>   | <b>0.0000</b>     |
| 6.4         | Miander Migration:         | <b>None</b>     |                   |
|             |                            | <u>Old</u>      | <u>New</u>        |
| 7.2         | Bank Erosion:              | <b>None</b>     |                   |
|             | Bank Height:               | <b>Low</b>      |                   |

Reach: **T1.12**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>     |              |
|-------------|---------------------------|------------------|--------------|
| 3.1         | Alluvial Fan:             | <b>None</b>      |              |
| 3.2         | Grade Control:            | <b>No Data</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>191.000</b>   |              |
| 5.3         | Armoring Length           | <u>Left</u>      | <u>Right</u> |
|             | Data Armoring:            | <b>No Data</b>   |              |
| 5.4         | Straightening Length:     | <b>300.00000</b> |              |
|             | Straightening Data:       |                  |              |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>    |                   |
|-------------|----------------------------|-----------------|-------------------|
| 5.5         | Dredging History:          | <b>No Data</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: |                 |                   |
|             | Length:                    | <b>115.0000</b> | <b>0.0000</b>     |
| 6.4         | Miander Migration:         | <b>No Data</b>  |                   |
|             |                            | <u>Old</u>      | <u>New</u>        |
| 7.2         | Bank Erosion:              | <b>N.D.</b>     |                   |
|             | Bank Height:               | <b>N.D.</b>     |                   |





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Reach: **T1.13**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>   |              |
|-------------|---------------------------|----------------|--------------|
| 3.1         | Alluvial Fan:             | <b>None</b>    |              |
| 3.2         | Grade Control:            | <b>No Data</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> |
|             | Data Armoring:            | <b>No Data</b> |              |
| 5.4         | Straightening Length:     |                |              |
|             | Straightening Data:       | <b>None</b>    |              |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>    |                   |
|-------------|----------------------------|-----------------|-------------------|
| 5.5         | Dredging History:          | <b>No Data</b>  |                   |
| 6.1         | Berms & Roads Data:        | <u>One Side</u> | <u>Both Sides</u> |
|             | Berms & Roads:             |                 |                   |
|             | Berm:                      |                 |                   |
|             | Path:                      |                 |                   |
|             | Road:                      |                 |                   |
|             | Railroad:                  |                 |                   |
| 6.2         | Corridor Development Data: |                 |                   |
|             | Length:                    | <b>0.0000</b>   | <b>0.0000</b>     |
| 6.4         | Miander Migration:         | <b>No Data</b>  |                   |
|             |                            | <u>Old</u>      | <u>New</u>        |
| 7.2         | Bank Erosion:              | <b>N.D.</b>     |                   |
|             | Bank Height:               | <b>N.D.</b>     |                   |

Reach: **T1.14**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>     |              |
|-------------|---------------------------|------------------|--------------|
| 3.1         | Alluvial Fan:             | <b>None</b>      |              |
| 3.2         | Grade Control:            | <b>No Data</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>157.000</b>   |              |
| 5.3         | Armoring Length           | <u>Left</u>      | <u>Right</u> |
|             | Data Armoring:            | <b>No Data</b>   |              |
| 5.4         | Straightening Length:     | <b>170.00000</b> |              |
|             | Straightening Data:       |                  |              |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>    |                   |
|-------------|----------------------------|-----------------|-------------------|
| 5.5         | Dredging History:          | <b>No Data</b>  |                   |
| 6.1         | Berms & Roads Data:        | <u>One Side</u> | <u>Both Sides</u> |
|             | Berms & Roads:             | <b>63.0000</b>  |                   |
|             | Berm:                      |                 |                   |
|             | Path:                      |                 |                   |
|             | Road:                      |                 |                   |
|             | Railroad:                  |                 |                   |
| 6.2         | Corridor Development Data: |                 |                   |
|             | Length:                    | <b>0.0000</b>   | <b>0.0000</b>     |
| 6.4         | Miander Migration:         | <b>No Data</b>  |                   |
|             |                            | <u>Old</u>      | <u>New</u>        |
| 7.2         | Bank Erosion:              | <b>N.D.</b>     |                   |
|             | Bank Height:               | <b>N.D.</b>     |                   |



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Reach: **T1.15**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>   |              |
|-------------|---------------------------|----------------|--------------|
| 3.1         | Alluvial Fan:             | <b>None</b>    |              |
| 3.2         | Grade Control:            | <b>No Data</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>176.000</b> |              |
| 5.3         | Armoring Length           | <u>Left</u>    | <u>Right</u> |
|             | Data Armoring:            | <b>No Data</b> |              |
| 5.4         | Straightening Length:     |                |              |
|             | Straightening Data:       | <b>None</b>    |              |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>    |                   |
|-------------|----------------------------|-----------------|-------------------|
| 5.5         | Dredging History:          | <b>No Data</b>  |                   |
| 6.1         | Berms & Roads Data:        | <u>One Side</u> | <u>Both Sides</u> |
|             | Berms & Roads:             |                 |                   |
|             | Berm:                      |                 |                   |
|             | Path:                      |                 |                   |
|             | Road:                      |                 |                   |
|             | Railroad:                  |                 |                   |
| 6.2         | Corridor Development Data: |                 |                   |
|             | Length:                    | <b>0.0000</b>   | <b>0.0000</b>     |
| 6.4         | Miander Migration:         | <b>No Data</b>  |                   |
|             |                            | <u>Old</u>      | <u>New</u>        |
| 7.2         | Bank Erosion:              | <b>N.D.</b>     |                   |
|             | Bank Height:               | <b>N.D.</b>     |                   |

Reach: **M04**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>      |                |
|-------------|---------------------------|-------------------|----------------|
| 3.1         | Alluvial Fan:             | <b>None</b>       |                |
| 3.2         | Grade Control:            | <b>None</b>       |                |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>       | <u>Right</u>   |
|             |                           | <b>499</b>        | <b>842</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>1033.73</b>    | <b>361.750</b> |
|             |                           | <b>999</b>        | <b>00</b>      |
|             | Data Armoring:            |                   |                |
| 5.4         | Straightening Length:     | <b>1659.56006</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>1683.8101</b> | <b>0.0000</b>      |
|             | Berm:                      | <b>238.8200</b>  | <b>0.0000</b>      |
|             | Path:                      | <b>0.000</b>     | <b>0.000</b>       |
|             | Road:                      | <b>1444.9900</b> | <b>0.00000</b>     |
|             | Railroad:                  | <b>0.0000</b>    | <b>0.00</b>        |
| 6.2         | Corridor Development Data: |                  |                    |
|             | Length:                    | <b>300.1000</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>1732.520019</b> |
|             |                            |                  | <b>5</b>           |
|             | Bank Height:               | <b>N.D.</b>      | <b>5.300</b>       |



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Reach: **M05**

| <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>291</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>195.91000</b> |
|             | Data Armoring:            |                   |                  |
| 5.4         | Straightening Length:     | <b>1819.80005</b> |                  |
|             | Straightening Data:       |                   |                  |

| <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: |                 |                    |
|             | 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>884.2399902</b> |
|             | Bank Height:               | <b>N.D.</b>     | <b>6.371</b>       |

Reach: **M06**

| <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>689</b>        | <b>328</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>478.37000</b>  | <b>0.00000</b> |
|             | Data Armoring:            |                   |                |
| 5.4         | Straightening Length:     | <b>1529.30005</b> |                |
|             | Straightening Data:       |                   |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>         |                    |
|-------------|----------------------------|----------------------|--------------------|
| 5.5         | Dredging History:          | <b>Gravel Mining</b> |                    |
| 6.1         | Berms & Roads Data:        |                      |                    |
|             |                            | <u>One Side</u>      | <u>Both Sides</u>  |
|             | Berms & Roads:             | <b>473.0000</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>473.0000</b>      | <b>0.00000</b>     |
|             | Railroad:                  | <b>0.0000</b>        | <b>0.00</b>        |
| 6.2         | Corridor Development Data: |                      |                    |
|             | Length:                    | <b>197.8400</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>428.2200012</b> |
|             | Bank Height:               | <b>N.D.</b>          | <b>6.134</b>       |



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Reach: **M07**

| <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>1275</b>    | <b>562</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>1228.89</b> | <b>300.269</b> |
|             |                           | <b>001</b>     | <b>99</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>200.2300</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>200.2300</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>1538.250000</b> |
|             |                            |                 | <b>0</b>           |
|             | Bank Height:               | <b>N.D.</b>     | <b>4.538</b>       |

Reach: **M08**

| <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>2270</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>140.480</b> | <b>459.039</b> |
|             |                           | <b>00</b>      | <b>98</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>3051.5000</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>3051.5000</b> | <b>0.00000</b>     |
|             | Railroad:                  | <b>0.0000</b>    | <b>0.00</b>        |
| 6.2         | Corridor Development Data: |                  |                    |
|             | Length:                    | <b>756.7700</b>  | <b>0.0000</b>      |
| 6.4         | Miander Migration:         | <b>None</b>      |                    |
|             |                            | <u>Old</u>       | <u>New</u>         |
| 7.2         | Bank Erosion:              | <b>None</b>      | <b>499.2200012</b> |
|             | Bank Height:               | <b>N.D.</b>      | <b>2.551</b>       |



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Reach: **M09**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>   |                  |
|-------------|---------------------------|----------------|------------------|
| 3.1         | Alluvial Fan:             | <b>None</b>    |                  |
| 3.2         | Grade Control:            | <b>Ledge</b>   |                  |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>    | <u>Right</u>     |
|             |                           | <b>1390</b>    | <b>368</b>       |
| 5.1         | Flow Regulation - Type:   | <b>None</b>    |                  |
|             | Use:                      |                |                  |
| 5.2         | # of Bridges or Culverts: | <b>1</b>       |                  |
|             | Total Length:             | <b>100.000</b> |                  |
| 5.3         | Armoring Length           | <u>Left</u>    | <u>Right</u>     |
|             |                           | <b>0.00000</b> | <b>207.91000</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>740.4200</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>740.4200</b> | <b>0.00000</b>    |
|             | Railroad:                  | <b>0.0000</b>   | <b>0.00</b>       |
| 6.2         | Corridor Development Data: |                 |                   |
|             | Length:                    | <b>90.7000</b>  | <b>175.7400</b>   |
| 6.4         | Miander Migration:         | <b>None</b>     |                   |
|             |                            | <u>Old</u>      | <u>New</u>        |
| 7.2         | Bank Erosion:              | <b>None</b>     | <b>0.0000000</b>  |
|             | Bank Height:               | <b>N.D.</b>     | <b>0.000</b>      |

Reach: **M10**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>     |                  |
|-------------|---------------------------|------------------|------------------|
| 3.1         | Alluvial Fan:             | <b>None</b>      |                  |
| 3.2         | Grade Control:            | <b>None</b>      |                  |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>      | <u>Right</u>     |
|             |                           | <b>780</b>       | <b>402</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>296.60999</b> | <b>562.60999</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>2079.2500</b> | <b>0.0000</b>        |
|             | Berm:                      | <b>228.0000</b>  | <b>0.0000</b>        |
|             | Path:                      | <b>1851.250</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>68.7500</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>1133.75000000</b> |
|             | Bank Height:               | <b>N.D.</b>      | <b>6.521</b>         |



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Reach: **M11**

| <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>1023</b>       | <b>1928</b>      |
| 5.1         | Flow Regulation - Type:   | <b>None</b>       |                  |
|             | Use:                      |                   |                  |
| 5.2         | # of Bridges or Culverts: | <b>1</b>          |                  |
|             | Total Length:             | <b>200.000</b>    |                  |
| 5.3         | Armoring Length           | <u>Left</u>       | <u>Right</u>     |
|             |                           | <b>0.00000</b>    | <b>808.48999</b> |
|             | Data Armoring:            |                   |                  |
| 5.4         | Straightening Length:     | <b>1305.14001</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>3244.7200</b> | <b>0.0000</b>       |
|             | Berm:                      | <b>0.0000</b>    | <b>0.0000</b>       |
|             | Path:                      | <b>304.650</b>   | <b>0.000</b>        |
|             | Road:                      | <b>2940.0701</b> | <b>0.00000</b>      |
|             | Railroad:                  | <b>0.0000</b>    | <b>0.00</b>         |
| 6.2         | Corridor Development Data: |                  |                     |
|             | Length:                    | <b>199.6100</b>  | <b>116.8900</b>     |
| 6.4         | Miander Migration:         | <b>Multiple</b>  |                     |
|             |                            | <u>Old</u>       | <u>New</u>          |
| 7.2         | Bank Erosion:              | <b>None</b>      | <b>1110.8000488</b> |
|             | Bank Height:               | <b>N.D.</b>      | <b>5.425</b>        |

Reach: **M12**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>      |                  |
|-------------|---------------------------|-------------------|------------------|
| 3.1         | Alluvial Fan:             | <b>Yes</b>        |                  |
| 3.2         | Grade Control:            | <b>None</b>       |                  |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>       | <u>Right</u>     |
|             |                           | <b>1561</b>       | <b>2478</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>657.16003</b>  | <b>450.38000</b> |
|             | Data Armoring:            |                   |                  |
| 5.4         | Straightening Length:     | <b>4972.43994</b> |                  |
|             | Straightening Data:       |                   |                  |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>    |                     |
|-------------|----------------------------|-----------------|---------------------|
| 5.5         | Dredging History:          | <b>Dredging</b> |                     |
| 6.1         | Berms & Roads Data:        | <u>One Side</u> | <u>Both Sides</u>   |
|             | Berms & Roads:             | <b>844.6200</b> | <b>0.0000</b>       |
|             | Berm:                      | <b>844.6200</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>346.5200</b>     |
| 6.4         | Miander Migration:         | <b>Multiple</b> |                     |
|             |                            | <u>Old</u>      | <u>New</u>          |
| 7.2         | Bank Erosion:              | <b>None</b>     | <b>4405.1499023</b> |
|             | Bank Height:               | <b>N.D.</b>     | <b>5.397</b>        |



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Reach: **M13**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>      |                  |
|-------------|---------------------------|-------------------|------------------|
| 3.1         | Alluvial Fan:             | <b>Yes</b>        |                  |
| 3.2         | Grade Control:            | <b>None</b>       |                  |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>       | <u>Right</u>     |
|             |                           | <b>253</b>        | <b>383</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>903.00000</b> |
|             | Data Armoring:            |                   |                  |
| 5.4         | Straightening Length:     | <b>3091.64014</b> |                  |
|             | Straightening Data:       |                   |                  |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>     |                    |
|-------------|----------------------------|------------------|--------------------|
| 5.5         | Dredging History:          | <b>Dredging</b>  |                    |
| 6.1         | Berms & Roads Data:        | <u>One Side</u>  | <u>Both Sides</u>  |
|             | Berms & Roads:             | <b>2096.3301</b> | <b>0.0000</b>      |
|             | Berm:                      | <b>707.9700</b>  | <b>0.0000</b>      |
|             | Path:                      | <b>0.000</b>     | <b>0.000</b>       |
|             | Road:                      | <b>1388.3600</b> | <b>0.00000</b>     |
|             | Railroad:                  | <b>0.0000</b>    | <b>0.00</b>        |
| 6.2         | Corridor Development Data: |                  |                    |
|             | Length:                    | <b>403.6700</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>1952.989990</b> |
|             |                            |                  | <b>2</b>           |
|             | Bank Height:               | <b>N.D.</b>      | <b>4.550</b>       |

Reach: **M14**

| <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>4369</b>       | <b>1356</b>       |
| 5.1         | Flow Regulation - Type:   | <b>None</b>       |                   |
|             | Use:                      |                   |                   |
| 5.2         | # of Bridges or Culverts: | <b>2</b>          |                   |
|             | Total Length:             | <b>500.000</b>    |                   |
| 5.3         | Armoring Length           | <u>Left</u>       | <u>Right</u>      |
|             |                           | <b>668.59998</b>  | <b>1467.25000</b> |
|             | Data Armoring:            |                   |                   |
| 5.4         | Straightening Length:     | <b>1861.72998</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>3355.3799</b> | <b>370.9400</b>    |
|             | Berm:                      | <b>0.0000</b>    | <b>0.0000</b>      |
|             | Path:                      | <b>1148.960</b>  | <b>0.000</b>       |
|             | Road:                      | <b>2206.4199</b> | <b>370.94000</b>   |
|             | Railroad:                  | <b>0.0000</b>    | <b>0.00</b>        |
| 6.2         | Corridor Development Data: |                  |                    |
|             | Length:                    | <b>3024.7400</b> | <b>84.6200</b>     |
| 6.4         | Miander Migration:         | <b>Multiple</b>  |                    |
|             |                            | <u>Old</u>       | <u>New</u>         |
| 7.2         | Bank Erosion:              | <b>None</b>      | <b>1706.359985</b> |
|             |                            |                  | <b>4</b>           |
|             | Bank Height:               | <b>N.D.</b>      | <b>3.537</b>       |



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Reach: **M15**

| <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>540</b>        | <b>2778</b>    |
| 5.1         | Flow Regulation - Type:   | <b>None</b>       |                |
|             | Use:                      |                   |                |
| 5.2         | # of Bridges or Culverts: | <b>1</b>          |                |
|             | Total Length:             | <b>200.000</b>    |                |
| 5.3         | Armoring Length           | <u>Left</u>       | <u>Right</u>   |
|             |                           | <b>328.530</b>    | <b>1967.22</b> |
|             |                           | <b>00</b>         | <b>998</b>     |
|             | Data Armoring:            |                   |                |
| 5.4         | Straightening Length:     | <b>5316.10010</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>4658.4497</b> | <b>0.0000</b>      |
|             | Berm:                      | <b>0.0000</b>    | <b>0.0000</b>      |
|             | Path:                      | <b>1571.330</b>  | <b>0.000</b>       |
|             | Road:                      | <b>3087.1199</b> | <b>0.00000</b>     |
|             | Railroad:                  | <b>0.0000</b>    | <b>0.00</b>        |
| 6.2         | Corridor Development Data: |                  |                    |
|             | Length:                    | <b>2698.7900</b> | <b>545.3100</b>    |
| 6.4         | Miander Migration:         | <b>Multiple</b>  |                    |
|             |                            | <u>Old</u>       | <u>New</u>         |
| 7.2         | Bank Erosion:              | <b>None</b>      | <b>4397.589843</b> |
|             |                            |                  | <b>8</b>           |
|             | Bank Height:               | <b>N.D.</b>      | <b>4.829</b>       |

Reach: **M16**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>     |                |
|-------------|---------------------------|------------------|----------------|
| 3.1         | Alluvial Fan:             | <b>Yes</b>       |                |
| 3.2         | Grade Control:            | <b>Multiple</b>  |                |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>      | <u>Right</u>   |
|             |                           | <b>120</b>       | <b>4031</b>    |
| 5.1         | Flow Regulation - Type:   | <b>None</b>      |                |
|             | Use:                      |                  |                |
| 5.2         | # of Bridges or Culverts: | <b>1</b>         |                |
|             | Total Length:             | <b>200.000</b>   |                |
| 5.3         | Armoring Length           | <u>Left</u>      | <u>Right</u>   |
|             |                           | <b>0.00000</b>   | <b>2018.57</b> |
|             |                           |                  | <b>007</b>     |
|             | Data Armoring:            |                  |                |
| 5.4         | Straightening Length:     | <b>722.59003</b> |                |
|             | Straightening Data:       |                  |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>     |                    |
|-------------|----------------------------|------------------|--------------------|
| 5.5         | Dredging History:          | <b>Dredging</b>  |                    |
| 6.1         | Berms & Roads Data:        | <u>One Side</u>  | <u>Both Sides</u>  |
|             | Berms & Roads:             | <b>4001.6499</b> | <b>457.8300</b>    |
|             | Berm:                      | <b>0.0000</b>    | <b>0.0000</b>      |
|             | Path:                      | <b>0.000</b>     | <b>0.000</b>       |
|             | Road:                      | <b>4001.6499</b> | <b>457.82999</b>   |
|             | Railroad:                  | <b>0.0000</b>    | <b>0.00</b>        |
| 6.2         | Corridor Development Data: |                  |                    |
|             | Length:                    | <b>80.2300</b>   | <b>217.6200</b>    |
| 6.4         | Miander Migration:         | <b>Braiding</b>  |                    |
|             |                            | <u>Old</u>       | <u>New</u>         |
| 7.2         | Bank Erosion:              | <b>None</b>      | <b>632.6500244</b> |
|             | Bank Height:               | <b>N.D.</b>      | <b>3.327</b>       |





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Reach: **M17**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>      |                |
|-------------|---------------------------|-------------------|----------------|
| 3.1         | Alluvial Fan:             | <b>None</b>       |                |
| 3.2         | Grade Control:            | <b>None</b>       |                |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>       | <u>Right</u>   |
|             |                           | <b>166</b>        | <b>4183</b>    |
| 5.1         | Flow Regulation - Type:   | <b>None</b>       |                |
|             | Use:                      |                   |                |
| 5.2         | # of Bridges or Culverts: | <b>1</b>          |                |
|             | Total Length:             | <b>200.000</b>    |                |
| 5.3         | Armoring Length           | <u>Left</u>       | <u>Right</u>   |
|             |                           | <b>39.3000</b>    | <b>3022.72</b> |
|             |                           | <b>0</b>          | <b>998</b>     |
|             | Data Armoring:            |                   |                |
| 5.4         | Straightening Length:     | <b>2903.50000</b> |                |
|             | Straightening Data:       |                   |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>     |                    |
|-------------|----------------------------|------------------|--------------------|
| 5.5         | Dredging History:          | <b>Dredging</b>  |                    |
| 6.1         | Berms & Roads Data:        | <u>One Side</u>  | <u>Both Sides</u>  |
|             | Berms & Roads:             | <b>4985.7197</b> | <b>765.3600</b>    |
|             | Berm:                      | <b>0.0000</b>    | <b>0.0000</b>      |
|             | Path:                      | <b>0.000</b>     | <b>0.000</b>       |
|             | Road:                      | <b>4985.7197</b> | <b>765.35999</b>   |
|             | Railroad:                  | <b>0.0000</b>    | <b>0.00</b>        |
| 6.2         | Corridor Development Data: |                  |                    |
|             | Length:                    | <b>2115.2800</b> | <b>71.2500</b>     |
| 6.4         | Miander Migration:         | <b>Multiple</b>  |                    |
|             |                            | <u>Old</u>       | <u>New</u>         |
| 7.2         | Bank Erosion:              | <b>None</b>      | <b>1678.910034</b> |
|             |                            |                  | <b>2</b>           |
|             | Bank Height:               | <b>N.D.</b>      | <b>2.690</b>       |

Reach: **M18**

| <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>533</b>        | <b>1333</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> |
|             |                           |                   |              |
|             | Data Armoring:            |                   |              |
| 5.4         | Straightening Length:     | <b>1000.00000</b> |              |
|             | Straightening Data:       |                   |              |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>    |                    |
|-------------|----------------------------|-----------------|--------------------|
| 5.5         | Dredging History:          | <b>No Data</b>  |                    |
| 6.1         | Berms & Roads Data:        | <u>One Side</u> | <u>Both Sides</u>  |
|             | Berms & Roads:             |                 | <b>5332.0000</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>800.0000</b>    |
| 6.4         | Miander Migration:         | <b>None</b>     |                    |
|             |                            | <u>Old</u>      | <u>New</u>         |
| 7.2         | Bank Erosion:              | <b>Low</b>      | <b>800.0000000</b> |
|             | Bank Height:               | <b>Low</b>      | <b>9.000</b>       |



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Reach: **M19**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>      |              |
|-------------|---------------------------|-------------------|--------------|
| 3.1         | Alluvial Fan:             | <b>None</b>       |              |
| 3.2         | Grade Control:            | <b>No Data</b>    |              |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>       | <u>Right</u> |
|             |                           | <b>2241</b>       | <b>1245</b>  |
| 5.1         | Flow Regulation - Type:   | <b>None</b>       |              |
|             | Use:                      |                   |              |
| 5.2         | # of Bridges or Culverts: | <b>1</b>          |              |
|             | Total Length:             | <b>249.000</b>    |              |
| 5.3         | Armoring Length           | <u>Left</u>       | <u>Right</u> |
|             | Data Armoring:            |                   |              |
| 5.4         | Straightening Length:     | <b>2200.00000</b> |              |
|             | Straightening Data:       |                   |              |

Step

Description Value

|     |                            |                  |                    |
|-----|----------------------------|------------------|--------------------|
| 5.5 | Dredging History:          | <b>No Data</b>   |                    |
| 6.1 | Berms & Roads Data:        |                  |                    |
|     |                            | <u>One Side</u>  | <u>Both Sides</u>  |
|     | Berms & Roads:             | <b>4981.0000</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>4234.0000</b>   |
| 6.4 | Miander Migration:         | <b>Multiple</b>  |                    |
|     |                            | <u>Old</u>       | <u>New</u>         |
| 7.2 | Bank Erosion:              | <b>High</b>      | <b>800.0000000</b> |
|     | Bank Height:               | <b>Low</b>       | <b>2.000</b>       |

Reach: **M20**

| <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>554</b>       | <b>30</b>    |
| 5.1         | Flow Regulation - Type:   | <b>None</b>      |              |
|             | Use:                      |                  |              |
| 5.2         | # of Bridges or Culverts: | <b>1</b>         |              |
|             | Total Length:             | <b>308.000</b>   |              |
| 5.3         | Armoring Length           | <u>Left</u>      | <u>Right</u> |
|             | Data Armoring:            |                  |              |
| 5.4         | Straightening Length:     | <b>900.00000</b> |              |
|             | Straightening Data:       |                  |              |

Step

Description Value

|     |                            |                  |                    |
|-----|----------------------------|------------------|--------------------|
| 5.5 | Dredging History:          | <b>No Data</b>   |                    |
| 6.1 | Berms & Roads Data:        |                  |                    |
|     |                            | <u>One Side</u>  | <u>Both Sides</u>  |
|     | Berms & Roads:             | <b>2158.0000</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>2621.0000</b> | <b>0.0000</b>      |
| 6.4 | Miander Migration:         | <b>Braiding</b>  |                    |
|     |                            | <u>Old</u>       | <u>New</u>         |
| 7.2 | Bank Erosion:              | <b>High</b>      | <b>275.0000000</b> |
|     | Bank Height:               | <b>Low</b>       | <b>5.000</b>       |



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Reach: **M21**

| <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>27</b>         | <b>810</b>   |
| 5.1         | Flow Regulation - Type:   | <b>None</b>       |              |
|             | Use:                      |                   |              |
| 5.2         | # of Bridges or Culverts: | <b>1</b>          |              |
|             | Total Length:             | <b>135.000</b>    |              |
| 5.3         | Armoring Length           | <u>Left</u>       | <u>Right</u> |
|             | Data Armoring:            |                   |              |
| 5.4         | Straightening Length:     | <b>1200.00000</b> |              |
|             | Straightening Data:       |                   |              |

Step

Description Value

|     |                            |                      |                    |
|-----|----------------------------|----------------------|--------------------|
| 5.5 | Dredging History:          | <b>Gravel Mining</b> |                    |
| 6.1 | Berms & Roads Data:        |                      |                    |
|     |                            | <u>One Side</u>      | <u>Both Sides</u>  |
|     | Berms & Roads:             | <b>2026.0000</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>405.0000</b>    |
| 6.4 | Miander Migration:         | <b>Multiple</b>      |                    |
|     |                            | <u>Old</u>           | <u>New</u>         |
| 7.2 | Bank Erosion:              | <b>High</b>          | <b>341.0000000</b> |
|     | Bank Height:               | <b>Medium</b>        | <b>398.845</b>     |

Reach: **M22**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>      |              |
|-------------|---------------------------|-------------------|--------------|
| 3.1         | Alluvial Fan:             | <b>None</b>       |              |
| 3.2         | Grade Control:            | <b>No Data</b>    |              |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>       | <u>Right</u> |
|             |                           | <b>107</b>        | <b>1397</b>  |
| 5.1         | Flow Regulation - Type:   | <b>None</b>       |              |
|             | Use:                      |                   |              |
| 5.2         | # of Bridges or Culverts: | <b>1</b>          |              |
|             | Total Length:             | <b>134.000</b>    |              |
| 5.3         | Armoring Length           | <u>Left</u>       | <u>Right</u> |
|             | Data Armoring:            |                   |              |
| 5.4         | Straightening Length:     | <b>1200.00000</b> |              |
|             | Straightening Data:       |                   |              |

Step

Description Value

|     |                            |                      |                    |
|-----|----------------------------|----------------------|--------------------|
| 5.5 | Dredging History:          | <b>Gravel Mining</b> |                    |
| 6.1 | Berms & Roads Data:        |                      |                    |
|     |                            | <u>One Side</u>      | <u>Both Sides</u>  |
|     | Berms & Roads:             | <b>1880.0000</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>672.0000</b>    |
| 6.4 | Miander Migration:         | <b>Migration</b>     |                    |
|     |                            | <u>Old</u>           | <u>New</u>         |
| 7.2 | Bank Erosion:              | <b>High</b>          | <b>251.5000000</b> |
|     | Bank Height:               | <b>Low</b>           | <b>497.030</b>     |



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Reach: **M23**

| <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> |
|             | Data Armoring:            |                  |              |
| 5.4         | Straightening Length:     | <b>400.00000</b> |              |
|             | Straightening Data:       |                  |              |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>    |                   |
|-------------|----------------------------|-----------------|-------------------|
| 5.5         | Dredging History:          | <b>No Data</b>  |                   |
| 6.1         | Berms & Roads Data:        |                 |                   |
|             |                            | <u>One Side</u> | <u>Both Sides</u> |
|             | Berms & Roads:             | <b>953.0000</b> |                   |
|             | Berm:                      |                 |                   |
|             | Path:                      |                 |                   |
|             | Road:                      |                 |                   |
|             | Railroad:                  |                 |                   |
| 6.2         | Corridor Development Data: |                 |                   |
|             | Length:                    | <b>109.0000</b> | <b>0.0000</b>     |
| 6.4         | Miander Migration:         | <b>None</b>     |                   |
|             |                            | <u>Old</u>      | <u>New</u>        |
| 7.2         | Bank Erosion:              | <b>Low</b>      |                   |
|             | Bank Height:               | <b>Low</b>      |                   |

Reach: **M24**

| <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>152</b>       | <b>0</b>     |
| 5.1         | Flow Regulation - Type:   | <b>None</b>      |              |
|             | Use:                      |                  |              |
| 5.2         | # of Bridges or Culverts: | <b>2</b>         |              |
|             | Total Length:             | <b>508.000</b>   |              |
| 5.3         | Armoring Length           | <u>Left</u>      | <u>Right</u> |
|             | Data Armoring:            |                  |              |
| 5.4         | Straightening Length:     | <b>450.00000</b> |              |
|             | Straightening Data:       |                  |              |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>     |                   |
|-------------|----------------------------|------------------|-------------------|
| 5.5         | Dredging History:          | <b>No Data</b>   |                   |
| 6.1         | Berms & Roads Data:        |                  |                   |
|             |                            | <u>One Side</u>  | <u>Both Sides</u> |
|             | Berms & Roads:             | <b>4574.0000</b> |                   |
|             | Berm:                      |                  |                   |
|             | Path:                      |                  |                   |
|             | Road:                      |                  |                   |
|             | Railroad:                  |                  |                   |
| 6.2         | Corridor Development Data: |                  |                   |
|             | Length:                    | <b>0.0000</b>    | <b>762.0000</b>   |
| 6.4         | Miander Migration:         | <b>None</b>      |                   |
|             |                            | <u>Old</u>       | <u>New</u>        |
| 7.2         | Bank Erosion:              | <b>Low</b>       |                   |
|             | Bank Height:               | <b>Low</b>       |                   |



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Reach: **M25**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>     |              |
|-------------|---------------------------|------------------|--------------|
| 3.1         | Alluvial Fan:             | <b>None</b>      |              |
| 3.2         | Grade Control:            | <b>No Data</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>272.000</b>   |              |
| 5.3         | Armoring Length           | <u>Left</u>      | <u>Right</u> |
|             | Data Armoring:            | <b>No Data</b>   |              |
| 5.4         | Straightening Length:     | <b>700.00000</b> |              |
|             | Straightening Data:       |                  |              |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>     |                    |
|-------------|----------------------------|------------------|--------------------|
| 5.5         | Dredging History:          | <b>No Data</b>   |                    |
| 6.1         | Berms & Roads Data:        | <b>None</b>      |                    |
|             |                            | <u>One Side</u>  | <u>Both Sides</u>  |
|             | Berms & Roads:             |                  |                    |
|             | 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>218.0000</b>    |
| 6.4         | Miander Migration:         | <b>Migration</b> |                    |
|             |                            | <u>Old</u>       | <u>New</u>         |
| 7.2         | Bank Erosion:              | <b>N.D.</b>      | <b>925.0000000</b> |
|             | Bank Height:               | <b>N.D.</b>      | <b>8.784</b>       |

Reach: **M26**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>     |              |
|-------------|---------------------------|------------------|--------------|
| 3.1         | Alluvial Fan:             | <b>None</b>      |              |
| 3.2         | Grade Control:            | <b>No Data</b>   |              |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>      | <u>Right</u> |
|             |                           | <b>146</b>       | <b>733</b>   |
| 5.1         | Flow Regulation - Type:   | <b>None</b>      |              |
|             | Use:                      |                  |              |
| 5.2         | # of Bridges or Culverts: | <b>2</b>         |              |
|             | Total Length:             | <b>183.000</b>   |              |
| 5.3         | Armoring Length           | <u>Left</u>      | <u>Right</u> |
|             | Data Armoring:            |                  |              |
| 5.4         | Straightening Length:     | <b>800.00000</b> |              |
|             | Straightening Data:       |                  |              |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>     |                    |
|-------------|----------------------------|------------------|--------------------|
| 5.5         | Dredging History:          | <b>No Data</b>   |                    |
| 6.1         | Berms & Roads Data:        |                  |                    |
|             |                            | <u>One Side</u>  | <u>Both Sides</u>  |
|             | Berms & Roads:             | <b>3666.0000</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>367.0000</b>    |
| 6.4         | Miander Migration:         | <b>Multiple</b>  |                    |
|             |                            | <u>Old</u>       | <u>New</u>         |
| 7.2         | Bank Erosion:              | <b>High</b>      | <b>355.0000000</b> |
|             | Bank Height:               | <b>Medium</b>    | <b>4.000</b>       |



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Reach: **M27**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>     |              |
|-------------|---------------------------|------------------|--------------|
| 3.1         | Alluvial Fan:             | <b>None</b>      |              |
| 3.2         | Grade Control:            | <b>No Data</b>   |              |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>      | <u>Right</u> |
|             |                           | <b>120</b>       | <b>322</b>   |
| 5.1         | Flow Regulation - Type:   | <b>None</b>      |              |
|             | Use:                      |                  |              |
| 5.2         | # of Bridges or Culverts: | <b>1</b>         |              |
|             | Total Length:             | <b>402.000</b>   |              |
| 5.3         | Armoring Length           | <u>Left</u>      | <u>Right</u> |
|             | Data Armoring:            |                  |              |
| 5.4         | Straightening Length:     | <b>400.00000</b> |              |
|             | Straightening Data:       |                  |              |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>     |                   |
|-------------|----------------------------|------------------|-------------------|
| 5.5         | Dredging History:          | <b>No Data</b>   |                   |
| 6.1         | Berms & Roads Data:        | <u>One Side</u>  | <u>Both Sides</u> |
|             | Berms & Roads:             | <b>3223.0000</b> |                   |
|             | Berm:                      |                  |                   |
|             | Path:                      |                  |                   |
|             | Road:                      |                  |                   |
|             | Railroad:                  |                  |                   |
| 6.2         | Corridor Development Data: |                  |                   |
|             | Length:                    | <b>161.0000</b>  | <b>0.0000</b>     |
| 6.4         | Miander Migration:         | <b>Multiple</b>  |                   |
|             |                            | <u>Old</u>       | <u>New</u>        |
| 7.2         | Bank Erosion:              | <b>Low</b>       |                   |
|             | Bank Height:               | <b>High</b>      |                   |

Reach: **M28**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>   |              |
|-------------|---------------------------|----------------|--------------|
| 3.1         | Alluvial Fan:             | <b>None</b>    |              |
| 3.2         | Grade Control:            | <b>No Data</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> |
|             | Data Armoring:            | <b>No Data</b> |              |
| 5.4         | Straightening Length:     |                |              |
|             | Straightening Data:       | <b>None</b>    |              |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>    |                   |
|-------------|----------------------------|-----------------|-------------------|
| 5.5         | Dredging History:          | <b>No Data</b>  |                   |
| 6.1         | Berms & Roads Data:        | <u>One Side</u> | <u>Both Sides</u> |
|             | Berms & Roads:             | <b>None</b>     |                   |
|             | Berm:                      |                 |                   |
|             | Path:                      |                 |                   |
|             | Road:                      |                 |                   |
|             | Railroad:                  |                 |                   |
| 6.2         | Corridor Development Data: |                 |                   |
|             | Length:                    | <b>0.0000</b>   | <b>0.0000</b>     |
| 6.4         | Miander Migration:         | <b>No Data</b>  |                   |
|             |                            | <u>Old</u>      | <u>New</u>        |
| 7.2         | Bank Erosion:              | <b>N.D.</b>     |                   |
|             | Bank Height:               | <b>N.D.</b>     |                   |



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Reach: **M29**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>   |              |
|-------------|---------------------------|----------------|--------------|
| 3.1         | Alluvial Fan:             | <b>None</b>    |              |
| 3.2         | Grade Control:            | <b>No Data</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> |
|             | Data Armoring:            | <b>No Data</b> |              |
| 5.4         | Straightening Length:     |                |              |
|             | Straightening Data:       | <b>None</b>    |              |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>    |                   |
|-------------|----------------------------|-----------------|-------------------|
| 5.5         | Dredging History:          | <b>No Data</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: |                 |                   |
|             | Length:                    | <b>0.0000</b>   | <b>0.0000</b>     |
| 6.4         | Miander Migration:         | <b>No Data</b>  |                   |
|             |                            | <u>Old</u>      | <u>New</u>        |
| 7.2         | Bank Erosion:              | <b>N.D.</b>     |                   |
|             | Bank Height:               | <b>N.D.</b>     |                   |

Reach: **M30**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>   |              |
|-------------|---------------------------|----------------|--------------|
| 3.1         | Alluvial Fan:             | <b>None</b>    |              |
| 3.2         | Grade Control:            | <b>No Data</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> |
|             | Data Armoring:            | <b>No Data</b> |              |
| 5.4         | Straightening Length:     |                |              |
|             | Straightening Data:       | <b>None</b>    |              |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>    |                   |
|-------------|----------------------------|-----------------|-------------------|
| 5.5         | Dredging History:          | <b>No Data</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: |                 |                   |
|             | Length:                    | <b>0.0000</b>   | <b>0.0000</b>     |
| 6.4         | Miander Migration:         | <b>No Data</b>  |                   |
|             |                            | <u>Old</u>      | <u>New</u>        |
| 7.2         | Bank Erosion:              | <b>N.D.</b>     |                   |
|             | Bank Height:               | <b>N.D.</b>     |                   |



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Reach: **M31**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>   |              |
|-------------|---------------------------|----------------|--------------|
| 3.1         | Alluvial Fan:             | <b>None</b>    |              |
| 3.2         | Grade Control:            | <b>No Data</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> |
|             | Data Armoring:            | <b>No Data</b> |              |
| 5.4         | Straightening Length:     |                |              |
|             | Straightening Data:       | <b>None</b>    |              |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>    |                   |
|-------------|----------------------------|-----------------|-------------------|
| 5.5         | Dredging History:          | <b>No Data</b>  |                   |
| 6.1         | Berms & Roads Data:        | <u>One Side</u> | <u>Both Sides</u> |
|             | Berms & Roads:             |                 |                   |
|             | Berm:                      |                 |                   |
|             | Path:                      |                 |                   |
|             | Road:                      |                 |                   |
|             | Railroad:                  |                 |                   |
| 6.2         | Corridor Development Data: |                 |                   |
|             | Length:                    | <b>0.0000</b>   | <b>0.0000</b>     |
| 6.4         | Miander Migration:         | <b>No Data</b>  |                   |
|             |                            | <u>Old</u>      | <u>New</u>        |
| 7.2         | Bank Erosion:              | <b>N.D.</b>     |                   |
|             | Bank Height:               | <b>N.D.</b>     |                   |

Reach: **T4.01**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>     |              |
|-------------|---------------------------|------------------|--------------|
| 3.1         | Alluvial Fan:             | <b>None</b>      |              |
| 3.2         | Grade Control:            | <b>No Data</b>   |              |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>      | <u>Right</u> |
|             |                           | <b>141</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>235.000</b>   |              |
| 5.3         | Armoring Length           | <u>Left</u>      | <u>Right</u> |
|             | Data Armoring:            |                  |              |
| 5.4         | Straightening Length:     | <b>200.00000</b> |              |
|             | Straightening Data:       |                  |              |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>    |                   |
|-------------|----------------------------|-----------------|-------------------|
| 5.5         | Dredging History:          | <b>No Data</b>  |                   |
| 6.1         | Berms & Roads Data:        | <u>One Side</u> | <u>Both Sides</u> |
|             | Berms & Roads:             | <b>47.0000</b>  |                   |
|             | Berm:                      |                 |                   |
|             | Path:                      |                 |                   |
|             | Road:                      |                 |                   |
|             | Railroad:                  |                 |                   |
| 6.2         | Corridor Development Data: |                 |                   |
|             | Length:                    | <b>94.0000</b>  | <b>0.0000</b>     |
| 6.4         | Miander Migration:         | <b>None</b>     |                   |
|             |                            | <u>Old</u>      | <u>New</u>        |
| 7.2         | Bank Erosion:              | <b>N.D.</b>     |                   |
|             | Bank Height:               | <b>N.D.</b>     |                   |





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Reach: **T4.02**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>     |              |
|-------------|---------------------------|------------------|--------------|
| 3.1         | Alluvial Fan:             | <b>None</b>      |              |
| 3.2         | Grade Control:            | <b>No Data</b>   |              |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>      | <u>Right</u> |
|             |                           | <b>0</b>         | <b>110</b>   |
| 5.1         | Flow Regulation - Type:   | <b>None</b>      |              |
|             | Use:                      |                  |              |
| 5.2         | # of Bridges or Culverts: | <b>1</b>         |              |
|             | Total Length:             | <b>276.000</b>   |              |
| 5.3         | Armoring Length           | <u>Left</u>      | <u>Right</u> |
|             | Data Armoring:            | <b>No Data</b>   |              |
| 5.4         | Straightening Length:     | <b>200.00000</b> |              |
|             | Straightening Data:       |                  |              |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>     |                    |
|-------------|----------------------------|------------------|--------------------|
| 5.5         | Dredging History:          | <b>No Data</b>   |                    |
| 6.1         | Berms & Roads Data:        | <u>One Side</u>  | <u>Both Sides</u>  |
|             | Berms & Roads:             | <b>1384.0000</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>222.0000</b>    |
| 6.4         | Miander Migration:         | <b>Migration</b> |                    |
|             |                            | <u>Old</u>       | <u>New</u>         |
| 7.2         | Bank Erosion:              | <b>Low</b>       | <b>182.5000000</b> |
|             | Bank Height:               | <b>Low</b>       | <b>2.000</b>       |

Reach: **T4.03**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>     |              |
|-------------|---------------------------|------------------|--------------|
| 3.1         | Alluvial Fan:             | <b>None</b>      |              |
| 3.2         | Grade Control:            | <b>No Data</b>   |              |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>      | <u>Right</u> |
|             |                           | <b>398</b>       | <b>298</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> |
|             | Data Armoring:            |                  |              |
| 5.4         | Straightening Length:     | <b>950.00000</b> |              |
|             | Straightening Data:       |                  |              |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>     |                    |
|-------------|----------------------------|------------------|--------------------|
| 5.5         | Dredging History:          | <b>No Data</b>   |                    |
| 6.1         | Berms & Roads Data:        | <u>One Side</u>  | <u>Both Sides</u>  |
|             | Berms & Roads:             | <b>3236.0000</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>896.0000</b>    |
| 6.4         | Miander Migration:         | <b>Multiple</b>  |                    |
|             |                            | <u>Old</u>       | <u>New</u>         |
| 7.2         | Bank Erosion:              | <b>Low</b>       | <b>402.0000000</b> |
|             | Bank Height:               | <b>Low</b>       | <b>3.789</b>       |



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Reach: **T4.04**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>      |              |
|-------------|---------------------------|-------------------|--------------|
| 3.1         | Alluvial Fan:             | <b>None</b>       |              |
| 3.2         | Grade Control:            | <b>No Data</b>    |              |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>       | <u>Right</u> |
|             |                           | <b>582</b>        | <b>777</b>   |
| 5.1         | Flow Regulation - Type:   | <b>None</b>       |              |
|             | Use:                      |                   |              |
| 5.2         | # of Bridges or Culverts: | <b>1</b>          |              |
|             | Total Length:             | <b>242.000</b>    |              |
| 5.3         | Armoring Length           | <u>Left</u>       | <u>Right</u> |
|             | Data Armoring:            |                   |              |
| 5.4         | Straightening Length:     | <b>1000.00000</b> |              |
|             | Straightening Data:       |                   |              |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>     |                    |
|-------------|----------------------------|------------------|--------------------|
| 5.5         | Dredging History:          | <b>No Data</b>   |                    |
| 6.1         | Berms & Roads Data:        | <u>One Side</u>  | <u>Both Sides</u>  |
|             | Berms & Roads:             | <b>1457.0000</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>194.0000</b>  | <b>0.0000</b>      |
| 6.4         | Miander Migration:         | <b>None</b>      |                    |
|             |                            | <u>Old</u>       | <u>New</u>         |
| 7.2         | Bank Erosion:              | <b>Low</b>       | <b>240.0000000</b> |
|             | Bank Height:               | <b>Low</b>       | <b>2.146</b>       |

Reach: **T4.05**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>     |              |
|-------------|---------------------------|------------------|--------------|
| 3.1         | Alluvial Fan:             | <b>Yes</b>       |              |
| 3.2         | Grade Control:            | <b>No Data</b>   |              |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>      | <u>Right</u> |
|             |                           | <b>0</b>         | <b>69</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> |
|             | Data Armoring:            | <b>None</b>      |              |
| 5.4         | Straightening Length:     | <b>200.00000</b> |              |
|             | Straightening Data:       |                  |              |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>    |                   |
|-------------|----------------------------|-----------------|-------------------|
| 5.5         | Dredging History:          | <b>No Data</b>  |                   |
| 6.1         | Berms & Roads Data:        | <u>One Side</u> | <u>Both Sides</u> |
|             | Berms & Roads:             | <b>None</b>     |                   |
|             | Berm:                      |                 |                   |
|             | Path:                      |                 |                   |
|             | Road:                      |                 |                   |
|             | Railroad:                  |                 |                   |
| 6.2         | Corridor Development Data: |                 |                   |
|             | Length:                    | <b>70.0000</b>  | <b>0.0000</b>     |
| 6.4         | Miander Migration:         | <b>No Data</b>  |                   |
|             |                            | <u>Old</u>      | <u>New</u>        |
| 7.2         | Bank Erosion:              | <b>N.D.</b>     |                   |
|             | Bank Height:               | <b>N.D.</b>     |                   |



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Reach: **T4.06**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>   |              |
|-------------|---------------------------|----------------|--------------|
| 3.1         | Alluvial Fan:             | <b>None</b>    |              |
| 3.2         | Grade Control:            | <b>No Data</b> |              |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>    | <u>Right</u> |
|             |                           | <b>150</b>     | <b>301</b>   |
| 5.1         | Flow Regulation - Type:   | <b>None</b>    |              |
|             | Use:                      |                |              |
| 5.2         | # of Bridges or Culverts: | <b>2</b>       |              |
|             | Total Length:             | <b>150.000</b> |              |
| 5.3         | Armoring Length           | <u>Left</u>    | <u>Right</u> |
|             | Data Armoring:            | <b>No Data</b> |              |
| 5.4         | Straightening Length:     |                |              |
|             | Straightening Data:       | <b>N.D.</b>    |              |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>     |                   |
|-------------|----------------------------|------------------|-------------------|
| 5.5         | Dredging History:          | <b>No Data</b>   |                   |
| 6.1         | Berms & Roads Data:        | <u>One Side</u>  | <u>Both Sides</u> |
|             | Berms & Roads:             | <b>1656.0000</b> |                   |
|             | Berm:                      |                  |                   |
|             | Path:                      |                  |                   |
|             | Road:                      |                  |                   |
|             | Railroad:                  |                  |                   |
| 6.2         | Corridor Development Data: |                  |                   |
|             | Length:                    | <b>0.0000</b>    | <b>0.0000</b>     |
| 6.4         | Miander Migration:         | <b>No Data</b>   |                   |
|             |                            | <u>Old</u>       | <u>New</u>        |
| 7.2         | Bank Erosion:              | <b>N.D.</b>      |                   |
|             | Bank Height:               | <b>N.D.</b>      |                   |

Reach: **T4.07**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>   |              |
|-------------|---------------------------|----------------|--------------|
| 3.1         | Alluvial Fan:             | <b>None</b>    |              |
| 3.2         | Grade Control:            | <b>No Data</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> |
|             | Data Armoring:            | <b>No Data</b> |              |
| 5.4         | Straightening Length:     |                |              |
|             | Straightening Data:       | <b>None</b>    |              |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>    |                   |
|-------------|----------------------------|-----------------|-------------------|
| 5.5         | Dredging History:          | <b>No Data</b>  |                   |
| 6.1         | Berms & Roads Data:        | <u>One Side</u> | <u>Both Sides</u> |
|             | Berms & Roads:             | <b>None</b>     |                   |
|             | Berm:                      |                 |                   |
|             | Path:                      |                 |                   |
|             | Road:                      |                 |                   |
|             | Railroad:                  |                 |                   |
| 6.2         | Corridor Development Data: |                 |                   |
|             | Length:                    | <b>0.0000</b>   | <b>0.0000</b>     |
| 6.4         | Miander Migration:         | <b>No Data</b>  |                   |
|             |                            | <u>Old</u>      | <u>New</u>        |
| 7.2         | Bank Erosion:              | <b>N.D.</b>     |                   |
|             | Bank Height:               | <b>N.D.</b>     |                   |



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Reach: **T3.01**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>      |                |
|-------------|---------------------------|-------------------|----------------|
| 3.1         | Alluvial Fan:             | <b>None</b>       |                |
| 3.2         | Grade Control:            | <b>None</b>       |                |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>       | <u>Right</u>   |
|             |                           | <b>950</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>50.000</b>     |                |
| 5.3         | Armoring Length           | <u>Left</u>       | <u>Right</u>   |
|             |                           | <b>662.429</b>    | <b>0.00000</b> |
|             |                           | <b>99</b>         |                |
|             | Data Armoring:            |                   |                |
| 5.4         | Straightening Length:     | <b>2973.70996</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>191.4200</b>    | <b>0.0000</b>      |
|             | Berm:                      | <b>191.4200</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>805.7000122</b> |
|             | Bank Height:               | <b>N.D.</b>        | <b>3.001</b>       |

Reach: **T3.02**

| <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>1743</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>50.000</b>     |                |
| 5.3         | Armoring Length           | <u>Left</u>       | <u>Right</u>   |
|             |                           | <b>1181.13</b>    | <b>0.00000</b> |
|             |                           | <b>000</b>        |                |
|             | Data Armoring:            |                   |                |
| 5.4         | Straightening Length:     | <b>2286.08984</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>422.7000</b>    | <b>0.0000</b>      |
|             | Berm:                      | <b>422.7000</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>182.2800</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>1070.890014</b> |
|             |                            |                    | <b>6</b>           |
|             | Bank Height:               | <b>N.D.</b>        | <b>3.215</b>       |



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Reach: **T3.03**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>      |                |
|-------------|---------------------------|-------------------|----------------|
| 3.1         | Alluvial Fan:             | <b>Yes</b>        |                |
| 3.2         | Grade Control:            | <b>None</b>       |                |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>       | <u>Right</u>   |
|             |                           | <b>423</b>        | <b>299</b>     |
| 5.1         | Flow Regulation - Type:   | <b>None</b>       |                |
|             | Use:                      |                   |                |
| 5.2         | # of Bridges or Culverts: | <b>1</b>          |                |
|             | Total Length:             | <b>200.000</b>    |                |
| 5.3         | Armoring Length           | <u>Left</u>       | <u>Right</u>   |
|             |                           | <b>362.290</b>    | <b>222.180</b> |
|             |                           | <b>01</b>         | <b>01</b>      |
|             | Data Armoring:            |                   |                |
| 5.4         | Straightening Length:     | <b>1553.58997</b> |                |
|             | Straightening Data:       |                   |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>    |                    |
|-------------|----------------------------|-----------------|--------------------|
| 5.5         | Dredging History:          | <b>Dredging</b> |                    |
| 6.1         | Berms & Roads Data:        |                 |                    |
|             |                            | <u>One Side</u> | <u>Both Sides</u>  |
|             | Berms & Roads:             | <b>962.2200</b> | <b>0.0000</b>      |
|             | Berm:                      | <b>217.1300</b> | <b>0.0000</b>      |
|             | Path:                      | <b>0.000</b>    | <b>0.000</b>       |
|             | Road:                      | <b>745.0900</b> | <b>0.00000</b>     |
|             | Railroad:                  | <b>0.0000</b>   | <b>0.00</b>        |
| 6.2         | Corridor Development Data: |                 |                    |
|             | Length:                    | <b>39.6800</b>  | <b>72.8200</b>     |
| 6.4         | Miander Migration:         | <b>Multiple</b> |                    |
|             |                            | <u>Old</u>      | <u>New</u>         |
| 7.2         | Bank Erosion:              | <b>None</b>     | <b>227.9900055</b> |
|             | Bank Height:               | <b>N.D.</b>     | <b>3.581</b>       |

Reach: **T3.04**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>      |              |
|-------------|---------------------------|-------------------|--------------|
| 3.1         | Alluvial Fan:             | <b>None</b>       |              |
| 3.2         | Grade Control:            | <b>No Data</b>    |              |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>       | <u>Right</u> |
|             |                           | <b>1683</b>       | <b>705</b>   |
| 5.1         | Flow Regulation - Type:   | <b>None</b>       |              |
|             | Use:                      |                   |              |
| 5.2         | # of Bridges or Culverts: | <b>1</b>          |              |
|             | Total Length:             | <b>543.000</b>    |              |
| 5.3         | Armoring Length           | <u>Left</u>       | <u>Right</u> |
|             |                           |                   |              |
|             | Data Armoring:            |                   |              |
| 5.4         | Straightening Length:     | <b>1500.00000</b> |              |
|             | Straightening Data:       |                   |              |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>     |                   |
|-------------|----------------------------|------------------|-------------------|
| 5.5         | Dredging History:          | <b>No Data</b>   |                   |
| 6.1         | Berms & Roads Data:        |                  |                   |
|             |                            | <u>One Side</u>  | <u>Both Sides</u> |
|             | Berms & Roads:             |                  | <b>5158.0000</b>  |
|             | Berm:                      |                  |                   |
|             | Path:                      |                  |                   |
|             | Road:                      |                  |                   |
|             | Railroad:                  |                  |                   |
| 6.2         | Corridor Development Data: |                  |                   |
|             | Length:                    | <b>109.0000</b>  | <b>0.0000</b>     |
| 6.4         | Miander Migration:         | <b>Migration</b> |                   |
|             |                            | <u>Old</u>       | <u>New</u>        |
| 7.2         | Bank Erosion:              | <b>High</b>      |                   |
|             | Bank Height:               | <b>Medium</b>    |                   |



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Reach: **T3.05**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>      |              |
|-------------|---------------------------|-------------------|--------------|
| 3.1         | Alluvial Fan:             | <b>None</b>       |              |
| 3.2         | Grade Control:            | <b>Ledge</b>      |              |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>       | <u>Right</u> |
|             |                           | <b>224</b>        | <b>899</b>   |
| 5.1         | Flow Regulation - Type:   | <b>None</b>       |              |
|             | Use:                      |                   |              |
| 5.2         | # of Bridges or Culverts: | <b>3</b>          |              |
|             | Total Length:             | <b>674.000</b>    |              |
| 5.3         | Armoring Length           | <u>Left</u>       | <u>Right</u> |
|             | Data Armoring:            |                   |              |
| 5.4         | Straightening Length:     | <b>1700.00000</b> |              |
|             | Straightening Data:       |                   |              |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>     |                   |
|-------------|----------------------------|------------------|-------------------|
| 5.5         | Dredging History:          | <b>No Data</b>   |                   |
| 6.1         | Berms & Roads Data:        | <u>One Side</u>  | <u>Both Sides</u> |
|             | Berms & Roads:             | <b>4495.0000</b> |                   |
|             | Berm:                      |                  |                   |
|             | Path:                      |                  |                   |
|             | Road:                      |                  |                   |
|             | Railroad:                  |                  |                   |
| 6.2         | Corridor Development Data: |                  |                   |
|             | Length:                    | <b>135.0000</b>  | <b>0.0000</b>     |
| 6.4         | Miander Migration:         | <b>Multiple</b>  |                   |
|             |                            | <u>Old</u>       | <u>New</u>        |
| 7.2         | Bank Erosion:              | <b>High</b>      |                   |
|             | Bank Height:               | <b>High</b>      |                   |

Reach: **T3.06**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>   |              |
|-------------|---------------------------|----------------|--------------|
| 3.1         | Alluvial Fan:             | <b>None</b>    |              |
| 3.2         | Grade Control:            | <b>No Data</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> |
|             | Data Armoring:            | <b>No Data</b> |              |
| 5.4         | Straightening Length:     |                |              |
|             | Straightening Data:       | <b>None</b>    |              |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>    |                    |
|-------------|----------------------------|-----------------|--------------------|
| 5.5         | Dredging History:          | <b>No Data</b>  |                    |
| 6.1         | Berms & Roads Data:        | <u>One Side</u> | <u>Both Sides</u>  |
|             | Berms & Roads:             | <b>None</b>     |                    |
|             | Berm:                      | <b>0.0000</b>   | <b>0.0000</b>      |
|             | Path:                      | <b>0.000</b>    | <b>0.000</b>       |
|             | Road:                      | <b>0.0000</b>   | <b>0.00000</b>     |
|             | Railroad:                  | <b>0.0000</b>   | <b>0.00</b>        |
| 6.2         | Corridor Development Data: |                 |                    |
|             | Length:                    | <b>0.0000</b>   | <b>0.0000</b>      |
| 6.4         | Miander Migration:         | <b>None</b>     |                    |
|             |                            | <u>Old</u>      | <u>New</u>         |
| 7.2         | Bank Erosion:              | <b>N.D.</b>     | <b>3000.000000</b> |
|             |                            |                 | <b>0</b>           |
|             | Bank Height:               | <b>N.D.</b>     | <b>1.000</b>       |



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Reach: **T3.07**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>     |              |
|-------------|---------------------------|------------------|--------------|
| 3.1         | Alluvial Fan:             | <b>None</b>      |              |
| 3.2         | Grade Control:            | <b>No Data</b>   |              |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>      | <u>Right</u> |
|             |                           | <b>0</b>         | <b>98</b>    |
| 5.1         | Flow Regulation - Type:   | <b>None</b>      |              |
|             | Use:                      |                  |              |
| 5.2         | # of Bridges or Culverts: | <b>1</b>         |              |
|             | Total Length:             | <b>491.000</b>   |              |
| 5.3         | Armoring Length           | <u>Left</u>      | <u>Right</u> |
|             | Data Armoring:            |                  |              |
| 5.4         | Straightening Length:     | <b>350.00000</b> |              |
|             | Straightening Data:       |                  |              |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>     |                    |
|-------------|----------------------------|------------------|--------------------|
| 5.5         | Dredging History:          | <b>No Data</b>   |                    |
| 6.1         | Berms & Roads Data:        | <u>One Side</u>  | <u>Both Sides</u>  |
|             | Berms & Roads:             | <b>737.0000</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>N.D.</b>      | <b>400.0000000</b> |
|             | Bank Height:               | <b>N.D.</b>      | <b>1.000</b>       |

Reach: **T3.08**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>      |              |
|-------------|---------------------------|-------------------|--------------|
| 3.1         | Alluvial Fan:             | <b>None</b>       |              |
| 3.2         | Grade Control:            | <b>No Data</b>    |              |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>       | <u>Right</u> |
|             |                           | <b>891</b>        | <b>623</b>   |
| 5.1         | Flow Regulation - Type:   | <b>None</b>       |              |
|             | Use:                      |                   |              |
| 5.2         | # of Bridges or Culverts: | <b>4</b>          |              |
|             | Total Length:             | <b>1336.000</b>   |              |
| 5.3         | Armoring Length           | <u>Left</u>       | <u>Right</u> |
|             | Data Armoring:            |                   |              |
| 5.4         | Straightening Length:     | <b>1300.00000</b> |              |
|             | Straightening Data:       |                   |              |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>     |                    |
|-------------|----------------------------|------------------|--------------------|
| 5.5         | Dredging History:          | <b>No Data</b>   |                    |
| 6.1         | Berms & Roads Data:        | <u>One Side</u>  | <u>Both Sides</u>  |
|             | Berms & Roads:             | <b>2228.0000</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>1560.0000</b>   |
| 6.4         | Miander Migration:         | <b>Multiple</b>  |                    |
|             |                            | <u>Old</u>       | <u>New</u>         |
| 7.2         | Bank Erosion:              | <b>High</b>      | <b>555.0000000</b> |
|             | Bank Height:               | <b>Low</b>       | <b>3.910</b>       |



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Reach: **T3.09**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>     |              |
|-------------|---------------------------|------------------|--------------|
| 3.1         | Alluvial Fan:             | <b>Yes</b>       |              |
| 3.2         | Grade Control:            | <b>No Data</b>   |              |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>      | <u>Right</u> |
|             |                           | <b>232</b>       | <b>0</b>     |
| 5.1         | Flow Regulation - Type:   | <b>None</b>      |              |
|             | Use:                      |                  |              |
| 5.2         | # of Bridges or Culverts: | <b>3</b>         |              |
|             | Total Length:             | <b>697.000</b>   |              |
| 5.3         | Armoring Length           | <u>Left</u>      | <u>Right</u> |
|             | Data Armoring:            |                  |              |
| 5.4         | Straightening Length:     | <b>300.00000</b> |              |
|             | Straightening Data:       |                  |              |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>     |                   |
|-------------|----------------------------|------------------|-------------------|
| 5.5         | Dredging History:          | <b>No Data</b>   |                   |
| 6.1         | Berms & Roads Data:        | <u>One Side</u>  | <u>Both Sides</u> |
|             | Berms & Roads:             | <b>697.0000</b>  |                   |
|             | Berm:                      |                  |                   |
|             | Path:                      |                  |                   |
|             | Road:                      |                  |                   |
|             | Railroad:                  |                  |                   |
| 6.2         | Corridor Development Data: |                  |                   |
|             | Length:                    | <b>0.0000</b>    | <b>465.0000</b>   |
| 6.4         | Miander Migration:         | <b>Migration</b> |                   |
|             |                            | <u>Old</u>       | <u>New</u>        |
| 7.2         | Bank Erosion:              | <b>High</b>      |                   |
|             | Bank Height:               | <b>Low</b>       |                   |

Reach: **T3.10**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>   |              |
|-------------|---------------------------|----------------|--------------|
| 3.1         | Alluvial Fan:             | <b>None</b>    |              |
| 3.2         | Grade Control:            | <b>No Data</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> |
|             | Data Armoring:            | <b>No Data</b> |              |
| 5.4         | Straightening Length:     |                |              |
|             | Straightening Data:       | <b>None</b>    |              |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>    |                   |
|-------------|----------------------------|-----------------|-------------------|
| 5.5         | Dredging History:          | <b>No Data</b>  |                   |
| 6.1         | Berms & Roads Data:        | <u>One Side</u> | <u>Both Sides</u> |
|             | Berms & Roads:             | <b>170.0000</b> |                   |
|             | Berm:                      |                 |                   |
|             | Path:                      |                 |                   |
|             | Road:                      |                 |                   |
|             | Railroad:                  |                 |                   |
| 6.2         | Corridor Development Data: |                 |                   |
|             | Length:                    | <b>0.0000</b>   | <b>0.0000</b>     |
| 6.4         | Miander Migration:         | <b>No Data</b>  |                   |
|             |                            | <u>Old</u>      | <u>New</u>        |
| 7.2         | Bank Erosion:              | <b>N.D.</b>     |                   |
|             | Bank Height:               | <b>N.D.</b>     |                   |





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| Reach: <b>T3.11</b> |                           |                |              | <u>Step</u> | <u>Description</u>         | <u>Value</u>                |
|---------------------|---------------------------|----------------|--------------|-------------|----------------------------|-----------------------------|
| <u>Step</u>         | <u>Description</u>        | <u>Value</u>   |              | 5.5         | Dredging History:          | <b>No Data</b>              |
| 3.1                 | Alluvial Fan:             | <b>None</b>    |              | 6.1         | Berms & Roads Data:        | <b>None</b>                 |
| 3.2                 | Grade Control:            | <b>No Data</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</b> <b>0.0000</b> |
|                     | Data Armoring:            | <b>No Data</b> |              | 6.4         | Miander Migration:         | <b>No Data</b>              |
| 5.4                 | Straightening Length:     |                |              |             | <u>Old</u>                 | <u>New</u>                  |
|                     | Straightening Data:       | <b>None</b>    |              | 7.2         | Bank Erosion:              | <b>N.D.</b>                 |
|                     |                           |                |              |             | Bank Height:               | <b>N.D.</b>                 |