



# Stream Geomorphic Assessment

Agency of Natural Resources



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April, 08 2026

## Phase 1 - FIT - Legacy Data Report

## Malletts Creek

SGAT Version: **4.56**

Reach: **M01**

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

| <u>Step</u> | <u>Description</u>         | <u>Value</u>    |                   |
|-------------|----------------------------|-----------------|-------------------|
| 5.5         | Dredging History:          | <b>None</b>     |                   |
| 6.1         | Berms & Roads Data:        |                 |                   |
|             |                            | <u>One Side</u> | <u>Both Sides</u> |
|             | Berms & Roads:             |                 |                   |
|             | Berm:                      |                 |                   |
|             | Path:                      |                 |                   |
|             | Road:                      |                 |                   |
|             | Railroad:                  |                 |                   |
| 6.2         | Corridor Development Data: |                 |                   |
|             | Length:                    |                 |                   |
| 6.4         | Miander Migration:         | <b>None</b>     |                   |
|             |                            | <u>Old</u>      | <u>New</u>        |
| 7.2         | Bank Erosion:              | <b>0.000000</b> |                   |
|             | Bank Height:               | <b>0.000</b>    |                   |

Reach: **M02**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>     |                |
|-------------|---------------------------|------------------|----------------|
| 3.1         | Alluvial Fan:             | <b>None</b>      |                |
| 3.2         | Grade Control:            | <b>None</b>      |                |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>      | <u>Right</u>   |
|             |                           | <b>0</b>         | <b>0</b>       |
| 5.1         | Flow Regulation - Type:   | <b>None</b>      |                |
|             | Use:                      |                  |                |
| 5.2         | # of Bridges or Culverts: | <b>0</b>         |                |
|             | Total Length:             | <b>0.000</b>     |                |
| 5.3         | Armoring Length           | <u>Left</u>      | <u>Right</u>   |
|             |                           | <b>0.00000</b>   | <b>0.00000</b> |
|             | Data Armoring:            | <b>None</b>      |                |
| 5.4         | Straightening Length:     | <b>864.44000</b> |                |
|             | Straightening Data:       |                  |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>    |                   |
|-------------|----------------------------|-----------------|-------------------|
| 5.5         | Dredging History:          | <b>None</b>     |                   |
| 6.1         | Berms & Roads Data:        |                 |                   |
|             |                            | <u>One Side</u> | <u>Both Sides</u> |
|             | Berms & Roads:             | <b>0.0000</b>   | <b>0.0000</b>     |
|             | Berm:                      | <b>0.0000</b>   | <b>0.0000</b>     |
|             | Path:                      | <b>0.000</b>    | <b>0.000</b>      |
|             | Road:                      | <b>0.0000</b>   | <b>0.00000</b>    |
|             | Railroad:                  | <b>0.0000</b>   | <b>0.00</b>       |
| 6.2         | Corridor Development Data: |                 |                   |
|             | Length:                    | <b>0.0000</b>   | <b>0.0000</b>     |
| 6.4         | Miander Migration:         | <b>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>      |



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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>0</b>         | <b>1138</b>    |
| 5.1         | Flow Regulation - Type:   | <b>None</b>      |                |
|             | Use:                      |                  |                |
| 5.2         | # of Bridges or Culverts: | <b>1</b>         |                |
|             | Total Length:             | <b>42.000</b>    |                |
| 5.3         | Armoring Length           | <u>Left</u>      | <u>Right</u>   |
|             |                           | <b>0.00000</b>   | <b>33.7400</b> |
|             |                           |                  | <b>0</b>       |
|             | Data Armoring:            |                  |                |
| 5.4         | Straightening Length:     | <b>501.51001</b> |                |
|             | Straightening Data:       |                  |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>    |                   |
|-------------|----------------------------|-----------------|-------------------|
| 5.5         | Dredging History:          | <b>None</b>     |                   |
| 6.1         | Berms & Roads Data:        |                 |                   |
|             |                            | <u>One Side</u> | <u>Both Sides</u> |
|             | Berms & Roads:             | <b>0.0000</b>   | <b>0.0000</b>     |
|             | Berm:                      | <b>0.0000</b>   | <b>0.0000</b>     |
|             | Path:                      | <b>0.000</b>    | <b>0.000</b>      |
|             | Road:                      | <b>0.0000</b>   | <b>0.00000</b>    |
|             | Railroad:                  | <b>0.0000</b>   | <b>0.00</b>       |
| 6.2         | Corridor Development Data: |                 |                   |
|             | Length:                    | <b>0.0000</b>   | <b>0.0000</b>     |
| 6.4         | Miander Migration:         | <b>Multiple</b> |                   |
|             |                            | <u>Old</u>      | <u>New</u>        |
| 7.2         | Bank Erosion:              | <b>None</b>     | <b>78.0200043</b> |
|             | Bank Height:               | <b>N.D.</b>     | <b>5.000</b>      |

Reach: **M04**

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

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



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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>831</b>     |
| 5.1         | Flow Regulation - Type:   | <b>None</b>      |                |
|             | Use:                      |                  |                |
| 5.2         | # of Bridges or Culverts: | <b>1</b>         |                |
|             | Total Length:             | <b>32.000</b>    |                |
| 5.3         | Armoring Length           | <u>Left</u>      | <u>Right</u>   |
|             |                           | <b>40.4800</b>   | <b>14.5600</b> |
|             |                           | <b>0</b>         | <b>0</b>       |
|             | Data Armoring:            |                  |                |
| 5.4         | Straightening Length:     | <b>564.91998</b> |                |
|             | Straightening Data:       |                  |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>    |                   |
|-------------|----------------------------|-----------------|-------------------|
| 5.5         | Dredging History:          | <b>None</b>     |                   |
| 6.1         | Berms & Roads Data:        |                 |                   |
|             |                            | <u>One Side</u> | <u>Both Sides</u> |
|             | Berms & Roads:             | <b>0.0000</b>   | <b>0.0000</b>     |
|             | Berm:                      | <b>0.0000</b>   | <b>0.0000</b>     |
|             | Path:                      | <b>0.000</b>    | <b>0.000</b>      |
|             | Road:                      | <b>0.0000</b>   | <b>0.00000</b>    |
|             | Railroad:                  | <b>0.0000</b>   | <b>0.00</b>       |
| 6.2         | Corridor Development Data: |                 |                   |
|             | Length:                    | <b>0.0000</b>   | <b>0.0000</b>     |
| 6.4         | Miander Migration:         | <b>Multiple</b> |                   |
|             |                            | <u>Old</u>      | <u>New</u>        |
| 7.2         | Bank Erosion:              | <b>None</b>     | <b>71.2900009</b> |
|             | Bank Height:               | <b>N.D.</b>     | <b>5.000</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>84</b>      | <b>56</b>      |
| 5.1         | Flow Regulation - Type:   | <b>None</b>    |                |
|             | Use:                      |                |                |
| 5.2         | # of Bridges or Culverts: | <b>0</b>       |                |
|             | Total Length:             | <b>0.000</b>   |                |
| 5.3         | Armoring Length           | <u>Left</u>    | <u>Right</u>   |
|             |                           | <b>0.00000</b> | <b>0.00000</b> |
|             | Data Armoring:            | <b>None</b>    |                |
| 5.4         | Straightening Length:     | <b>0.00000</b> |                |
|             | Straightening Data:       | <b>None</b>    |                |

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



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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>1056</b>       | <b>2640</b>    |
| 5.1         | Flow Regulation - Type:   | <b>None</b>       |                |
|             | Use:                      |                   |                |
| 5.2         | # of Bridges or Culverts: | <b>0</b>          |                |
|             | Total Length:             | <b>0.000</b>      |                |
| 5.3         | Armoring Length           | <u>Left</u>       | <u>Right</u>   |
|             |                           | <b>0.00000</b>    | <b>0.00000</b> |
|             | Data Armoring:            | <b>None</b>       |                |
| 5.4         | Straightening Length:     | <b>1334.78003</b> |                |
|             | Straightening Data:       |                   |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>    |                   |
|-------------|----------------------------|-----------------|-------------------|
| 5.5         | Dredging History:          | <b>None</b>     |                   |
| 6.1         | Berms & Roads Data:        | <u>One Side</u> | <u>Both Sides</u> |
|             | Berms & Roads:             | <b>0.0000</b>   | <b>0.0000</b>     |
|             | Berm:                      | <b>0.0000</b>   | <b>0.0000</b>     |
|             | Path:                      | <b>0.000</b>    | <b>0.000</b>      |
|             | Road:                      | <b>0.0000</b>   | <b>0.00000</b>    |
|             | Railroad:                  | <b>0.0000</b>   | <b>0.00</b>       |
| 6.2         | Corridor Development Data: |                 |                   |
|             | Length:                    | <b>0.0000</b>   | <b>0.0000</b>     |
| 6.4         | Miander Migration:         | <b>Multiple</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: **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> |
| 5.1         | Flow Regulation - Type:   |              |              |
|             | Use:                      |              |              |
| 5.2         | # of Bridges or Culverts: |              |              |
|             | Total Length:             |              |              |
| 5.3         | Armoring Length           | <u>Left</u>  | <u>Right</u> |
|             |                           |              |              |
|             | Data Armoring:            | <b>None</b>  |              |
| 5.4         | Straightening Length:     |              |              |
|             | Straightening Data:       | <b>None</b>  |              |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>    |                   |
|-------------|----------------------------|-----------------|-------------------|
| 5.5         | Dredging History:          | <b>None</b>     |                   |
| 6.1         | Berms & Roads Data:        | <u>One Side</u> | <u>Both Sides</u> |
|             | Berms & Roads:             |                 |                   |
|             | Berm:                      |                 |                   |
|             | Path:                      |                 |                   |
|             | Road:                      |                 |                   |
|             | Railroad:                  |                 |                   |
| 6.2         | Corridor Development Data: |                 |                   |
|             | Length:                    |                 |                   |
| 6.4         | Miander Migration:         | <b>None</b>     |                   |
|             |                            | <u>Old</u>      | <u>New</u>        |
| 7.2         | Bank Erosion:              |                 | <b>0.0000000</b>  |
|             | Bank Height:               |                 | <b>0.000</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>None</b>    |                 |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>    | <u>Right</u>    |
|             |                           | <b>854</b>     | <b>104</b>      |
| 5.1         | Flow Regulation - Type:   | <b>None</b>    |                 |
|             | Use:                      |                |                 |
| 5.2         | # of Bridges or Culverts: | <b>2</b>       |                 |
|             | Total Length:             | <b>67.000</b>  |                 |
| 5.3         | Armoring Length           | <u>Left</u>    | <u>Right</u>    |
|             |                           | <b>0.00000</b> | <b>73.33000</b> |
|             |                           |                | <b>0</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>1837.0100</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>1837.0100</b>   | <b>0.00000</b>    |
|             | Railroad:                  | <b>0.0000</b>      | <b>0.00</b>       |
| 6.2         | Corridor Development Data: |                    |                   |
|             | Length:                    | <b>1073.1000</b>   | <b>0.0000</b>     |
| 6.4         | Miander Migration:         | <b>Neck Cutoff</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>605</b>        | <b>335</b>     |
| 5.1         | Flow Regulation - Type:   | <b>None</b>       |                |
|             | Use:                      |                   |                |
| 5.2         | # of Bridges or Culverts: | <b>1</b>          |                |
|             | Total Length:             | <b>15.000</b>     |                |
| 5.3         | Armoring Length           | <u>Left</u>       | <u>Right</u>   |
|             |                           | <b>0.00000</b>    | <b>0.00000</b> |
|             | Data Armoring:            | <b>None</b>       |                |
| 5.4         | Straightening Length:     | <b>1021.94000</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>1901.5300</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>1901.5300</b>   | <b>0.00</b>       |
| 6.2         | Corridor Development Data: |                    |                   |
|             | Length:                    | <b>0.0000</b>      | <b>0.0000</b>     |
| 6.4         | Miander Migration:         | <b>Neck Cutoff</b> |                   |
|             |                            | <u>Old</u>         | <u>New</u>        |
| 7.2         | Bank Erosion:              | <b>None</b>        | <b>0.0000000</b>  |
|             | Bank Height:               | <b>N.D.</b>        | <b>0.000</b>      |



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Reach: **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>1141</b>    | <b>0</b>       |
| 5.1         | Flow Regulation - Type:   | <b>None</b>    |                |
|             | Use:                      |                |                |
| 5.2         | # of Bridges or Culverts: | <b>0</b>       |                |
|             | Total Length:             | <b>0.000</b>   |                |
| 5.3         | Armoring Length           | <u>Left</u>    | <u>Right</u>   |
|             |                           | <b>0.00000</b> | <b>0.00000</b> |
|             | Data Armoring:            | <b>None</b>    |                |
| 5.4         | Straightening Length:     | <b>0.00000</b> |                |
|             | Straightening Data:       | <b>None</b>    |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>       |                   |
|-------------|----------------------------|--------------------|-------------------|
| 5.5         | Dredging History:          | <b>None</b>        |                   |
| 6.1         | Berms & Roads Data:        | <u>One Side</u>    | <u>Both Sides</u> |
|             | Berms & Roads:             | <b>928.8800</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>928.8800</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>0.0000000</b>  |
|             | Bank Height:               | <b>N.D.</b>        | <b>0.000</b>      |

Reach: **M12**

| <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>1226</b>    | <b>319</b>     |
| 5.1         | Flow Regulation - Type:   | <b>None</b>    |                |
|             | Use:                      |                |                |
| 5.2         | # of Bridges or Culverts: | <b>2</b>       |                |
|             | Total Length:             | <b>73.000</b>  |                |
| 5.3         | Armoring Length           | <u>Left</u>    | <u>Right</u>   |
|             |                           | <b>0.00000</b> | <b>0.00000</b> |
|             | Data Armoring:            | <b>None</b>    |                |
| 5.4         | Straightening Length:     | <b>0.00000</b> |                |
|             | Straightening Data:       | <b>None</b>    |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>    |                   |
|-------------|----------------------------|-----------------|-------------------|
| 5.5         | Dredging History:          | <b>None</b>     |                   |
| 6.1         | Berms & Roads Data:        | <u>One Side</u> | <u>Both Sides</u> |
|             | Berms & Roads:             | <b>385.9800</b> | <b>0.0000</b>     |
|             | Berm:                      | <b>0.0000</b>   | <b>0.0000</b>     |
|             | Path:                      | <b>385.980</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>0.0000000</b>  |
|             | Bank Height:               | <b>N.D.</b>     | <b>0.000</b>      |



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Reach: **M13**

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

| <u>Step</u> | <u>Description</u>         | <u>Value</u>    |                   |
|-------------|----------------------------|-----------------|-------------------|
| 5.5         | Dredging History:          | <b>None</b>     |                   |
| 6.1         | Berms & Roads Data:        | <u>One Side</u> | <u>Both Sides</u> |
|             | Berms & Roads:             | <b>0.0000</b>   | <b>0.0000</b>     |
|             | Berm:                      | <b>0.0000</b>   | <b>0.0000</b>     |
|             | Path:                      | <b>0.000</b>    | <b>0.000</b>      |
|             | Road:                      | <b>0.0000</b>   | <b>0.00000</b>    |
|             | Railroad:                  | <b>0.0000</b>   | <b>0.00</b>       |
| 6.2         | Corridor Development Data: |                 |                   |
|             | Length:                    | <b>0.0000</b>   | <b>0.0000</b>     |
| 6.4         | Miander Migration:         | <b>Multiple</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: **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>0</b>         | <b>0</b>       |
| 5.1         | Flow Regulation - Type:   | <b>None</b>      |                |
|             | Use:                      |                  |                |
| 5.2         | # of Bridges or Culverts: | <b>0</b>         |                |
|             | Total Length:             | <b>0.000</b>     |                |
| 5.3         | Armoring Length           | <u>Left</u>      | <u>Right</u>   |
|             |                           | <b>0.00000</b>   | <b>0.00000</b> |
|             | Data Armoring:            | <b>None</b>      |                |
| 5.4         | Straightening Length:     | <b>407.54999</b> |                |
|             | Straightening Data:       |                  |                |

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



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| Reach: <b>M15</b> |                           |                   |                | Step | Description         | Value                          |
|-------------------|---------------------------|-------------------|----------------|------|---------------------|--------------------------------|
| Step              | Description               | Value             |                |      |                     |                                |
| 3.1               | Alluvial Fan:             | <b>None</b>       |                | 5.5  | Dredging History:   | <b>None</b>                    |
| 3.2               | Grade Control:            | <b>None</b>       |                | 6.1  | Berms & Roads Data: |                                |
| 4.3               | Buffer Less Than 25 ft    | <u>Left</u>       | <u>Right</u>   |      |                     |                                |
|                   |                           | <b>463</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>31.000</b>     |                |      |                     |                                |
| 5.3               | Armoring Length           | <u>Left</u>       | <u>Right</u>   |      |                     |                                |
|                   |                           | <b>22.4900</b>    | <b>23.3200</b> |      |                     |                                |
|                   |                           | <b>0</b>          | <b>0</b>       |      |                     |                                |
|                   | Data Armoring:            |                   |                |      |                     |                                |
| 5.4               | Straightening Length:     | <b>1449.75000</b> |                | 7.2  | Bank Erosion:       | <b>None</b> <b>149.5000000</b> |
|                   | Straightening Data:       |                   |                |      | Bank Height:        | <b>N.D.</b> <b>3.695</b>       |

| Reach: <b>M16</b> |                           |                |                | Step | Description         | Value                          |
|-------------------|---------------------------|----------------|----------------|------|---------------------|--------------------------------|
| Step              | Description               | Value          |                |      |                     |                                |
| 3.1               | Alluvial Fan:             | <b>None</b>    |                | 5.5  | Dredging History:   | <b>None</b>                    |
| 3.2               | Grade Control:            | <b>None</b>    |                | 6.1  | Berms & Roads Data: |                                |
| 4.3               | Buffer Less Than 25 ft    | <u>Left</u>    | <u>Right</u>   |      |                     |                                |
|                   |                           | <b>320</b>     | <b>0</b>       |      |                     |                                |
| 5.1               | Flow Regulation - Type:   | <b>None</b>    |                |      |                     |                                |
|                   | Use:                      |                |                |      |                     |                                |
| 5.2               | # of Bridges or Culverts: | <b>0</b>       |                |      |                     |                                |
|                   | Total Length:             | <b>0.000</b>   |                |      |                     |                                |
| 5.3               | Armoring Length           | <u>Left</u>    | <u>Right</u>   |      |                     |                                |
|                   |                           | <b>0.00000</b> | <b>0.00000</b> |      |                     |                                |
|                   | Data Armoring:            | <b>None</b>    |                |      |                     |                                |
| 5.4               | Straightening Length:     | <b>0.00000</b> |                | 7.2  | Bank Erosion:       | <b>None</b> <b>525.1199951</b> |
|                   | Straightening Data:       | <b>None</b>    |                |      | Bank Height:        | <b>N.D.</b> <b>3.345</b>       |



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Reach: **M16-S1.01**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>      |                |
|-------------|---------------------------|-------------------|----------------|
| 3.1         | Alluvial Fan:             | <b>None</b>       |                |
| 3.2         | Grade Control:            | <b>None</b>       |                |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>       | <u>Right</u>   |
|             |                           | <b>1883</b>       | <b>1857</b>    |
| 5.1         | Flow Regulation - Type:   | <b>None</b>       |                |
|             | Use:                      |                   |                |
| 5.2         | # of Bridges or Culverts: | <b>1</b>          |                |
|             | Total Length:             | <b>34.000</b>     |                |
| 5.3         | Armoring Length           | <u>Left</u>       | <u>Right</u>   |
|             |                           | <b>0.00000</b>    | <b>0.00000</b> |
|             | Data Armoring:            | <b>None</b>       |                |
| 5.4         | Straightening Length:     | <b>2521.65991</b> |                |
|             | Straightening Data:       |                   |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>    |                   |
|-------------|----------------------------|-----------------|-------------------|
| 5.5         | Dredging History:          | <b>None</b>     |                   |
| 6.1         | Berms & Roads Data:        | <u>One Side</u> | <u>Both Sides</u> |
|             | Berms & Roads:             | <b>0.0000</b>   | <b>0.0000</b>     |
|             | Berm:                      | <b>0.0000</b>   | <b>0.0000</b>     |
|             | Path:                      | <b>0.000</b>    | <b>0.000</b>      |
|             | Road:                      | <b>0.0000</b>   | <b>0.00000</b>    |
|             | Railroad:                  | <b>0.0000</b>   | <b>0.00</b>       |
| 6.2         | Corridor Development Data: |                 |                   |
|             | Length:                    | <b>459.2300</b> | <b>0.0000</b>     |
| 6.4         | Miander Migration:         | <b>None</b>     |                   |
|             |                            | <u>Old</u>      | <u>New</u>        |
| 7.2         | Bank Erosion:              | <b>None</b>     | <b>0.0000000</b>  |
|             | Bank Height:               | <b>N.D.</b>     | <b>0.000</b>      |

Reach: **M17**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>     |                |
|-------------|---------------------------|------------------|----------------|
| 3.1         | Alluvial Fan:             | <b>None</b>      |                |
| 3.2         | Grade Control:            | <b>Multiple</b>  |                |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>      | <u>Right</u>   |
|             |                           | <b>0</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>79.000</b>    |                |
| 5.3         | Armoring Length           | <u>Left</u>      | <u>Right</u>   |
|             |                           | <b>0.00000</b>   | <b>0.00000</b> |
|             | Data Armoring:            | <b>None</b>      |                |
| 5.4         | Straightening Length:     | <b>732.87000</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>109.8300</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>109.8300</b> | <b>0.00000</b>     |
|             | Railroad:                  | <b>0.0000</b>   | <b>0.00</b>        |
| 6.2         | Corridor Development Data: |                 |                    |
|             | Length:                    | <b>214.5500</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>341.0299988</b> |
|             | Bank Height:               | <b>N.D.</b>     | <b>3.199</b>       |



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Reach: **M18**

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

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

Reach: **M19**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>     |                |
|-------------|---------------------------|------------------|----------------|
| 3.1         | Alluvial Fan:             | <b>None</b>      |                |
| 3.2         | Grade Control:            | <b>Waterfall</b> |                |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>      | <u>Right</u>   |
|             |                           | <b>123</b>       | <b>163</b>     |
| 5.1         | Flow Regulation - Type:   | <b>None</b>      |                |
|             | Use:                      |                  |                |
| 5.2         | # of Bridges or Culverts: | <b>1</b>         |                |
|             | Total Length:             | <b>6.000</b>     |                |
| 5.3         | Armoring Length           | <u>Left</u>      | <u>Right</u>   |
|             |                           | <b>0.00000</b>   | <b>0.00000</b> |
|             | Data Armoring:            | <b>None</b>      |                |
| 5.4         | Straightening Length:     | <b>0.00000</b>   |                |
|             | Straightening Data:       | <b>None</b>      |                |

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



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Reach: **M20**

| <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>3701</b>       | <b>3682</b>    |
| 5.1         | Flow Regulation - Type:   | <b>None</b>       |                |
|             | Use:                      |                   |                |
| 5.2         | # of Bridges or Culverts: | <b>4</b>          |                |
|             | Total Length:             | <b>76.000</b>     |                |
| 5.3         | Armoring Length           | <u>Left</u>       | <u>Right</u>   |
|             |                           | <b>0.00000</b>    | <b>0.00000</b> |
|             | Data Armoring:            | <b>None</b>       |                |
| 5.4         | Straightening Length:     | <b>3653.90991</b> |                |
|             | Straightening Data:       |                   |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>       |                   |
|-------------|----------------------------|--------------------|-------------------|
| 5.5         | Dredging History:          | <b>None</b>        |                   |
| 6.1         | Berms & Roads Data:        | <u>One Side</u>    | <u>Both Sides</u> |
|             | Berms & Roads:             | <b>0.0000</b>      | <b>0.0000</b>     |
|             | Berm:                      | <b>0.0000</b>      | <b>0.0000</b>     |
|             | Path:                      | <b>0.000</b>       | <b>0.000</b>      |
|             | Road:                      | <b>0.0000</b>      | <b>0.00000</b>    |
|             | Railroad:                  | <b>0.0000</b>      | <b>0.00</b>       |
| 6.2         | Corridor Development Data: |                    |                   |
|             | Length:                    | <b>101.4100</b>    | <b>0.0000</b>     |
| 6.4         | Miander Migration:         | <b>Neck Cutoff</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: **M21**

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

| <u>Step</u> | <u>Description</u>         | <u>Value</u>       |                   |
|-------------|----------------------------|--------------------|-------------------|
| 5.5         | Dredging History:          | <b>None</b>        |                   |
| 6.1         | Berms & Roads Data:        | <u>One Side</u>    | <u>Both Sides</u> |
|             | Berms & Roads:             | <b>0.0000</b>      | <b>0.0000</b>     |
|             | Berm:                      | <b>0.0000</b>      | <b>0.0000</b>     |
|             | Path:                      | <b>0.000</b>       | <b>0.000</b>      |
|             | Road:                      | <b>0.0000</b>      | <b>0.00000</b>    |
|             | Railroad:                  | <b>0.0000</b>      | <b>0.00</b>       |
| 6.2         | Corridor Development Data: |                    |                   |
|             | Length:                    | <b>164.9400</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>0.0000000</b>  |
|             | Bank Height:               | <b>N.D.</b>        | <b>0.000</b>      |



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Reach: **M22**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>     |                |
|-------------|---------------------------|------------------|----------------|
| 3.1         | Alluvial Fan:             | <b>None</b>      |                |
| 3.2         | Grade Control:            | <b>Waterfall</b> |                |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>      | <u>Right</u>   |
|             |                           | <b>53</b>        | <b>256</b>     |
| 5.1         | Flow Regulation - Type:   | <b>None</b>      |                |
|             | Use:                      |                  |                |
| 5.2         | # of Bridges or Culverts: | <b>1</b>         |                |
|             | Total Length:             | <b>14.000</b>    |                |
| 5.3         | Armoring Length           | <u>Left</u>      | <u>Right</u>   |
|             |                           | <b>0.00000</b>   | <b>0.00000</b> |
|             | Data Armoring:            | <b>None</b>      |                |
| 5.4         | Straightening Length:     | <b>0.00000</b>   |                |
|             | Straightening Data:       | <b>None</b>      |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>       |                   |
|-------------|----------------------------|--------------------|-------------------|
| 5.5         | Dredging History:          | <b>None</b>        |                   |
| 6.1         | Berms & Roads Data:        | <u>One Side</u>    | <u>Both Sides</u> |
|             | Berms & Roads:             | <b>152.2200</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>152.2200</b>    | <b>0.00000</b>    |
|             | Railroad:                  | <b>0.0000</b>      | <b>0.00</b>       |
| 6.2         | Corridor Development Data: |                    |                   |
|             | Length:                    | <b>290.6200</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>0.0000000</b>  |
|             | Bank Height:               | <b>N.D.</b>        | <b>0.000</b>      |

Reach: **M23**

| <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>1011</b>       | <b>1011</b>    |
| 5.1         | Flow Regulation - Type:   | <b>None</b>       |                |
|             | Use:                      |                   |                |
| 5.2         | # of Bridges or Culverts: | <b>3</b>          |                |
|             | Total Length:             | <b>62.000</b>     |                |
| 5.3         | Armoring Length           | <u>Left</u>       | <u>Right</u>   |
|             |                           | <b>0.00000</b>    | <b>0.00000</b> |
|             | Data Armoring:            | <b>None</b>       |                |
| 5.4         | Straightening Length:     | <b>1005.12000</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>23.8600</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>23.8600</b>  | <b>0.00000</b>    |
|             | Railroad:                  | <b>0.0000</b>   | <b>0.00</b>       |
| 6.2         | Corridor Development Data: |                 |                   |
|             | Length:                    | <b>0.0000</b>   | <b>0.0000</b>     |
| 6.4         | Miander Migration:         | <b>None</b>     |                   |
|             |                            | <u>Old</u>      | <u>New</u>        |
| 7.2         | Bank Erosion:              | <b>None</b>     | <b>0.0000000</b>  |
|             | Bank Height:               | <b>N.D.</b>     | <b>0.000</b>      |



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Reach: **M24**

| <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>221</b>                | <b>477</b>     |
| 5.1         | Flow Regulation - Type:   | <b>Large Run of River</b> |                |
|             | Use:                      | <b>Other</b>              |                |
| 5.2         | # of Bridges or Culverts: | <b>1</b>                  |                |
|             | Total Length:             | <b>20.000</b>             |                |
| 5.3         | Armoring Length           | <u>Left</u>               | <u>Right</u>   |
|             |                           | <b>0.00000</b>            | <b>0.00000</b> |
|             | Data Armoring:            | <b>None</b>               |                |
| 5.4         | Straightening Length:     | <b>115.99000</b>          |                |
|             | Straightening Data:       | <b>None</b>               |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>    |                   |
|-------------|----------------------------|-----------------|-------------------|
| 5.5         | Dredging History:          | <b>None</b>     |                   |
| 6.1         | Berms & Roads Data:        | <u>One Side</u> | <u>Both Sides</u> |
|             | Berms & Roads:             | <b>0.0000</b>   | <b>0.0000</b>     |
|             | Berm:                      | <b>0.0000</b>   | <b>0.0000</b>     |
|             | Path:                      | <b>0.000</b>    | <b>0.000</b>      |
|             | Road:                      | <b>0.0000</b>   | <b>0.00000</b>    |
|             | Railroad:                  | <b>0.0000</b>   | <b>0.00</b>       |
| 6.2         | Corridor Development Data: |                 |                   |
|             | Length:                    | <b>77.0200</b>  | <b>0.0000</b>     |
| 6.4         | Miander Migration:         | <b>None</b>     |                   |
|             |                            | <u>Old</u>      | <u>New</u>        |
| 7.2         | Bank Erosion:              | <b>None</b>     | <b>0.0000000</b>  |
|             | Bank Height:               | <b>N.D.</b>     | <b>0.000</b>      |

Reach: **M25**

| <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>195</b>     |
| 5.1         | Flow Regulation - Type:   | <b>None</b>    |                |
|             | Use:                      |                |                |
| 5.2         | # of Bridges or Culverts: | <b>1</b>       |                |
|             | Total Length:             | <b>40.000</b>  |                |
| 5.3         | Armoring Length           | <u>Left</u>    | <u>Right</u>   |
|             |                           | <b>0.00000</b> | <b>0.00000</b> |
|             | Data Armoring:            | <b>None</b>    |                |
| 5.4         | Straightening Length:     | <b>0.00000</b> |                |
|             | Straightening Data:       | <b>None</b>    |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>    |                   |
|-------------|----------------------------|-----------------|-------------------|
| 5.5         | Dredging History:          | <b>None</b>     |                   |
| 6.1         | Berms & Roads Data:        | <u>One Side</u> | <u>Both Sides</u> |
|             | Berms & Roads:             | <b>137.7600</b> | <b>0.0000</b>     |
|             | Berm:                      | <b>0.0000</b>   | <b>0.0000</b>     |
|             | Path:                      | <b>137.760</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>213.7500</b> | <b>0.0000</b>     |
| 6.4         | Miander Migration:         | <b>None</b>     |                   |
|             |                            | <u>Old</u>      | <u>New</u>        |
| 7.2         | Bank Erosion:              | <b>None</b>     | <b>0.0000000</b>  |
|             | Bank Height:               | <b>N.D.</b>     | <b>0.000</b>      |



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Reach: **T6.01**

| <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>2098</b>       | <b>756</b>     |
| 5.1         | Flow Regulation - Type:   | <b>None</b>       |                |
|             | Use:                      |                   |                |
| 5.2         | # of Bridges or Culverts: | <b>2</b>          |                |
|             | Total Length:             | <b>76.000</b>     |                |
| 5.3         | Armoring Length           | <u>Left</u>       | <u>Right</u>   |
|             |                           | <b>0.00000</b>    | <b>0.00000</b> |
|             | Data Armoring:            | <b>None</b>       |                |
| 5.4         | Straightening Length:     | <b>2537.26001</b> |                |
|             | Straightening Data:       |                   |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>    |                    |
|-------------|----------------------------|-----------------|--------------------|
| 5.5         | Dredging History:          | <b>Dredging</b> |                    |
| 6.1         | Berms & Roads Data:        | <u>One Side</u> | <u>Both Sides</u>  |
|             | Berms & Roads:             | <b>0.0000</b>   | <b>0.0000</b>      |
|             | Berm:                      | <b>0.0000</b>   | <b>0.0000</b>      |
|             | Path:                      | <b>0.000</b>    | <b>0.000</b>       |
|             | Road:                      | <b>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>Avulsion</b> |                    |
|             |                            | <u>Old</u>      | <u>New</u>         |
| 7.2         | Bank Erosion:              | <b>None</b>     | <b>493.7000122</b> |
|             | Bank Height:               | <b>N.D.</b>     | <b>3.185</b>       |

Reach: **T6.S1.01**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>     |                |
|-------------|---------------------------|------------------|----------------|
| 3.1         | Alluvial Fan:             | <b>None</b>      |                |
| 3.2         | Grade Control:            | <b>None</b>      |                |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>      | <u>Right</u>   |
|             |                           | <b>843</b>       | <b>876</b>     |
| 5.1         | Flow Regulation - Type:   | <b>None</b>      |                |
|             | Use:                      |                  |                |
| 5.2         | # of Bridges or Culverts: | <b>1</b>         |                |
|             | Total Length:             | <b>120.000</b>   |                |
| 5.3         | Armoring Length           | <u>Left</u>      | <u>Right</u>   |
|             |                           | <b>0.00000</b>   | <b>0.00000</b> |
|             | Data Armoring:            | <b>None</b>      |                |
| 5.4         | Straightening Length:     | <b>875.62000</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>366.7700</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>366.7700</b> | <b>0.00000</b>    |
|             | Railroad:                  | <b>0.0000</b>   | <b>0.00</b>       |
| 6.2         | Corridor Development Data: |                 |                   |
|             | Length:                    | <b>0.0000</b>   | <b>0.0000</b>     |
| 6.4         | Miander Migration:         | <b>None</b>     |                   |
|             |                            | <u>Old</u>      | <u>New</u>        |
| 7.2         | Bank Erosion:              | <b>None</b>     | <b>0.0000000</b>  |
|             | Bank Height:               | <b>N.D.</b>     | <b>0.000</b>      |



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Reach: **T6.02**

| <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>609</b>       | <b>95</b>      |
| 5.1         | Flow Regulation - Type:   | <b>None</b>      |                |
|             | Use:                      |                  |                |
| 5.2         | # of Bridges or Culverts: | <b>0</b>         |                |
|             | Total Length:             | <b>0.000</b>     |                |
| 5.3         | Armoring Length           | <u>Left</u>      | <u>Right</u>   |
|             |                           | <b>0.00000</b>   | <b>0.00000</b> |
|             | Data Armoring:            | <b>None</b>      |                |
| 5.4         | Straightening Length:     | <b>609.21997</b> |                |
|             | Straightening Data:       |                  |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>    |                   |
|-------------|----------------------------|-----------------|-------------------|
| 5.5         | Dredging History:          | <b>None</b>     |                   |
| 6.1         | Berms & Roads Data:        | <u>One Side</u> | <u>Both Sides</u> |
|             | Berms & Roads:             | <b>0.0000</b>   | <b>0.0000</b>     |
|             | Berm:                      | <b>0.0000</b>   | <b>0.0000</b>     |
|             | Path:                      | <b>0.000</b>    | <b>0.000</b>      |
|             | Road:                      | <b>0.0000</b>   | <b>0.00000</b>    |
|             | Railroad:                  | <b>0.0000</b>   | <b>0.00</b>       |
| 6.2         | Corridor Development Data: |                 |                   |
|             | Length:                    | <b>577.4000</b> | <b>0.0000</b>     |
| 6.4         | Miander Migration:         | <b>Avulsion</b> |                   |
|             |                            | <u>Old</u>      | <u>New</u>        |
| 7.2         | Bank Erosion:              | <b>None</b>     | <b>68.6200027</b> |
|             | Bank Height:               | <b>N.D.</b>     | <b>1.000</b>      |

Reach: **T1.01**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>     |                |
|-------------|---------------------------|------------------|----------------|
| 3.1         | Alluvial Fan:             | <b>None</b>      |                |
| 3.2         | Grade Control:            | <b>None</b>      |                |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>      | <u>Right</u>   |
|             |                           | <b>0</b>         | <b>0</b>       |
| 5.1         | Flow Regulation - Type:   | <b>None</b>      |                |
|             | Use:                      |                  |                |
| 5.2         | # of Bridges or Culverts: | <b>1</b>         |                |
|             | Total Length:             | <b>34.000</b>    |                |
| 5.3         | Armoring Length           | <u>Left</u>      | <u>Right</u>   |
|             |                           | <b>0.00000</b>   | <b>0.00000</b> |
|             | Data Armoring:            | <b>None</b>      |                |
| 5.4         | Straightening Length:     | <b>250.14000</b> |                |
|             | Straightening Data:       |                  |                |

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



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Reach: **T1.02**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>     |                |
|-------------|---------------------------|------------------|----------------|
| 3.1         | Alluvial Fan:             | <b>None</b>      |                |
| 3.2         | Grade Control:            | <b>None</b>      |                |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>      | <u>Right</u>   |
|             |                           | <b>0</b>         | <b>0</b>       |
| 5.1         | Flow Regulation - Type:   | <b>None</b>      |                |
|             | Use:                      |                  |                |
| 5.2         | # of Bridges or Culverts: | <b>0</b>         |                |
|             | Total Length:             | <b>0.000</b>     |                |
| 5.3         | Armoring Length           | <u>Left</u>      | <u>Right</u>   |
|             |                           | <b>0.00000</b>   | <b>0.00000</b> |
|             | Data Armoring:            | <b>None</b>      |                |
| 5.4         | Straightening Length:     | <b>945.26001</b> |                |
|             | Straightening Data:       |                  |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>       |                    |
|-------------|----------------------------|--------------------|--------------------|
| 5.5         | Dredging History:          | <b>None</b>        |                    |
| 6.1         | Berms & Roads Data:        | <u>One Side</u>    | <u>Both Sides</u>  |
|             | Berms & Roads:             | <b>0.0000</b>      | <b>0.0000</b>      |
|             | Berm:                      | <b>0.0000</b>      | <b>0.0000</b>      |
|             | Path:                      | <b>0.000</b>       | <b>0.000</b>       |
|             | Road:                      | <b>0.0000</b>      | <b>0.00000</b>     |
|             | Railroad:                  | <b>0.0000</b>      | <b>0.00</b>        |
| 6.2         | Corridor Development Data: |                    |                    |
|             | Length:                    | <b>0.0000</b>      | <b>0.0000</b>      |
| 6.4         | Miander Migration:         | <b>Neck Cutoff</b> |                    |
|             |                            | <u>Old</u>         | <u>New</u>         |
| 7.2         | Bank Erosion:              | <b>None</b>        | <b>182.0800018</b> |
|             | Bank Height:               | <b>N.D.</b>        | <b>2.000</b>       |

Reach: **T1.S1.01**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>   |                |
|-------------|---------------------------|----------------|----------------|
| 3.1         | Alluvial Fan:             | <b>None</b>    |                |
| 3.2         | Grade Control:            | <b>None</b>    |                |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>    | <u>Right</u>   |
|             |                           | <b>0</b>       | <b>614</b>     |
| 5.1         | Flow Regulation - Type:   | <b>None</b>    |                |
|             | Use:                      |                |                |
| 5.2         | # of Bridges or Culverts: | <b>0</b>       |                |
|             | Total Length:             | <b>0.000</b>   |                |
| 5.3         | Armoring Length           | <u>Left</u>    | <u>Right</u>   |
|             |                           | <b>0.00000</b> | <b>0.00000</b> |
|             | Data Armoring:            | <b>None</b>    |                |
| 5.4         | Straightening Length:     | <b>0.00000</b> |                |
|             | Straightening Data:       | <b>None</b>    |                |

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



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Reach: **T1.S1.02**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>   |                |
|-------------|---------------------------|----------------|----------------|
| 3.1         | Alluvial Fan:             | <b>None</b>    |                |
| 3.2         | Grade Control:            | <b>None</b>    |                |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>    | <u>Right</u>   |
|             |                           | <b>0</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>15.000</b>  |                |
| 5.3         | Armoring Length           | <u>Left</u>    | <u>Right</u>   |
|             |                           | <b>0.00000</b> | <b>0.00000</b> |
|             | Data Armoring:            | <b>None</b>    |                |
| 5.4         | Straightening Length:     | <b>0.00000</b> |                |
|             | Straightening Data:       | <b>None</b>    |                |

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

Reach: **T1.S1.03**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>     |                |
|-------------|---------------------------|------------------|----------------|
| 3.1         | Alluvial Fan:             | <b>None</b>      |                |
| 3.2         | Grade Control:            | <b>None</b>      |                |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>      | <u>Right</u>   |
|             |                           | <b>778</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>26.000</b>    |                |
| 5.3         | Armoring Length           | <u>Left</u>      | <u>Right</u>   |
|             |                           | <b>0.00000</b>   | <b>0.00000</b> |
|             | Data Armoring:            | <b>None</b>      |                |
| 5.4         | Straightening Length:     | <b>499.10999</b> |                |
|             | Straightening Data:       |                  |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>    |                   |
|-------------|----------------------------|-----------------|-------------------|
| 5.5         | Dredging History:          | <b>None</b>     |                   |
| 6.1         | Berms & Roads Data:        | <u>One Side</u> | <u>Both Sides</u> |
|             | Berms & Roads:             | <b>0.0000</b>   | <b>0.0000</b>     |
|             | Berm:                      | <b>0.0000</b>   | <b>0.0000</b>     |
|             | Path:                      | <b>0.000</b>    | <b>0.000</b>      |
|             | Road:                      | <b>0.0000</b>   | <b>0.00000</b>    |
|             | Railroad:                  | <b>0.0000</b>   | <b>0.00</b>       |
| 6.2         | Corridor Development Data: |                 |                   |
|             | Length:                    | <b>0.0000</b>   | <b>0.0000</b>     |
| 6.4         | Miander Migration:         | <b>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>      |



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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>None</b>      |                |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>      | <u>Right</u>   |
|             |                           | <b>983</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>52.000</b>    |                |
| 5.3         | Armoring Length           | <u>Left</u>      | <u>Right</u>   |
|             |                           | <b>0.00000</b>   | <b>0.00000</b> |
|             | Data Armoring:            | <b>None</b>      |                |
| 5.4         | Straightening Length:     | <b>606.72998</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>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>Neck Cutoff</b> |                    |
|             |                            | <u>Old</u>         | <u>New</u>         |
| 7.2         | Bank Erosion:              | <b>None</b>        | <b>741.4699707</b> |
|             | Bank Height:               | <b>N.D.</b>        | <b>3.846</b>       |

Reach: **T1.S2.01**

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

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



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Reach: **T1.S2.02**

| <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>219</b>     | <b>0</b>       |
| 5.1         | Flow Regulation - Type:   | <b>None</b>    |                |
|             | Use:                      |                |                |
| 5.2         | # of Bridges or Culverts: | <b>0</b>       |                |
|             | Total Length:             | <b>0.000</b>   |                |
| 5.3         | Armoring Length           | <u>Left</u>    | <u>Right</u>   |
|             |                           | <b>0.00000</b> | <b>0.00000</b> |
|             | Data Armoring:            | <b>None</b>    |                |
| 5.4         | Straightening Length:     | <b>0.00000</b> |                |
|             | Straightening Data:       | <b>None</b>    |                |

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

Reach: **T1.S2.03**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>     |                |
|-------------|---------------------------|------------------|----------------|
| 3.1         | Alluvial Fan:             | <b>None</b>      |                |
| 3.2         | Grade Control:            | <b>None</b>      |                |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>      | <u>Right</u>   |
|             |                           | <b>0</b>         | <b>144</b>     |
| 5.1         | Flow Regulation - Type:   | <b>None</b>      |                |
|             | Use:                      |                  |                |
| 5.2         | # of Bridges or Culverts: | <b>0</b>         |                |
|             | Total Length:             | <b>0.000</b>     |                |
| 5.3         | Armoring Length           | <u>Left</u>      | <u>Right</u>   |
|             |                           | <b>0.00000</b>   | <b>0.00000</b> |
|             | Data Armoring:            | <b>None</b>      |                |
| 5.4         | Straightening Length:     | <b>284.45999</b> |                |
|             | Straightening Data:       |                  |                |

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



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Reach: **T1.S2.03.t1.01**

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

| <u>Step</u> | <u>Description</u>         | <u>Value</u>    |                   |
|-------------|----------------------------|-----------------|-------------------|
| 5.5         | Dredging History:          | <b>None</b>     |                   |
| 6.1         | Berms & Roads Data:        |                 |                   |
|             |                            | <u>One Side</u> | <u>Both Sides</u> |
|             | Berms & Roads:             |                 |                   |
|             | Berm:                      |                 |                   |
|             | Path:                      |                 |                   |
|             | Road:                      |                 |                   |
|             | Railroad:                  |                 |                   |
| 6.2         | Corridor Development Data: |                 |                   |
|             | Length:                    |                 |                   |
| 6.4         | Miander Migration:         | <b>None</b>     |                   |
|             |                            | <u>Old</u>      | <u>New</u>        |
| 7.2         | Bank Erosion:              | <b>0.000000</b> |                   |
|             | Bank Height:               | <b>0.000</b>    |                   |

Reach: **T1.S2.03.t1.02**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>   |                |
|-------------|---------------------------|----------------|----------------|
| 3.1         | Alluvial Fan:             | <b>None</b>    |                |
| 3.2         | Grade Control:            | <b>None</b>    |                |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>    | <u>Right</u>   |
|             |                           | <b>0</b>       | <b>0</b>       |
| 5.1         | Flow Regulation - Type:   | <b>None</b>    |                |
|             | Use:                      |                |                |
| 5.2         | # of Bridges or Culverts: | <b>1</b>       |                |
|             | Total Length:             | <b>42.000</b>  |                |
| 5.3         | Armoring Length           | <u>Left</u>    | <u>Right</u>   |
|             |                           | <b>0.00000</b> | <b>0.00000</b> |
|             | Data Armoring:            | <b>None</b>    |                |
| 5.4         | Straightening Length:     | <b>0.00000</b> |                |
|             | Straightening Data:       | <b>None</b>    |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>    |                   |
|-------------|----------------------------|-----------------|-------------------|
| 5.5         | Dredging History:          | <b>None</b>     |                   |
| 6.1         | Berms & Roads Data:        |                 |                   |
|             |                            | <u>One Side</u> | <u>Both Sides</u> |
|             | Berms & Roads:             | <b>0.0000</b>   | <b>0.0000</b>     |
|             | Berm:                      | <b>0.0000</b>   | <b>0.0000</b>     |
|             | Path:                      | <b>0.000</b>    | <b>0.000</b>      |
|             | Road:                      | <b>0.0000</b>   | <b>0.00000</b>    |
|             | Railroad:                  | <b>0.0000</b>   | <b>0.00</b>       |
| 6.2         | Corridor Development Data: |                 |                   |
|             | Length:                    | <b>0.0000</b>   | <b>0.0000</b>     |
| 6.4         | Miander Migration:         | <b>None</b>     |                   |
|             |                            | <u>Old</u>      | <u>New</u>        |
| 7.2         | Bank Erosion:              | <b>None</b>     | <b>0.000000</b>   |
|             | Bank Height:               | <b>N.D.</b>     | <b>0.000</b>      |



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Reach: **T1.S2.04**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>      |                |
|-------------|---------------------------|-------------------|----------------|
| 3.1         | Alluvial Fan:             | <b>None</b>       |                |
| 3.2         | Grade Control:            | <b>None</b>       |                |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>       | <u>Right</u>   |
|             |                           | <b>2203</b>       | <b>1864</b>    |
| 5.1         | Flow Regulation - Type:   | <b>None</b>       |                |
|             | Use:                      |                   |                |
| 5.2         | # of Bridges or Culverts: | <b>0</b>          |                |
|             | Total Length:             | <b>0.000</b>      |                |
| 5.3         | Armoring Length           | <u>Left</u>       | <u>Right</u>   |
|             |                           | <b>0.00000</b>    | <b>0.00000</b> |
|             | Data Armoring:            | <b>None</b>       |                |
| 5.4         | Straightening Length:     | <b>2771.81006</b> |                |
|             | Straightening Data:       |                   |                |

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

Reach: **T1.04**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>      |                |
|-------------|---------------------------|-------------------|----------------|
| 3.1         | Alluvial Fan:             | <b>None</b>       |                |
| 3.2         | Grade Control:            | <b>None</b>       |                |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>       | <u>Right</u>   |
|             |                           | <b>0</b>          | <b>45</b>      |
| 5.1         | Flow Regulation - Type:   | <b>None</b>       |                |
|             | Use:                      |                   |                |
| 5.2         | # of Bridges or Culverts: | <b>0</b>          |                |
|             | Total Length:             | <b>0.000</b>      |                |
| 5.3         | Armoring Length           | <u>Left</u>       | <u>Right</u>   |
|             |                           | <b>0.00000</b>    | <b>0.00000</b> |
|             | Data Armoring:            | <b>None</b>       |                |
| 5.4         | Straightening Length:     | <b>1153.76001</b> |                |
|             | Straightening Data:       |                   |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>    |                    |
|-------------|----------------------------|-----------------|--------------------|
| 5.5         | Dredging History:          | <b>None</b>     |                    |
| 6.1         | Berms & Roads Data:        |                 |                    |
|             |                            | <u>One Side</u> | <u>Both Sides</u>  |
|             | Berms & Roads:             | <b>0.0000</b>   | <b>0.0000</b>      |
|             | Berm:                      | <b>0.0000</b>   | <b>0.0000</b>      |
|             | Path:                      | <b>0.000</b>    | <b>0.000</b>       |
|             | Road:                      | <b>0.0000</b>   | <b>0.00000</b>     |
|             | Railroad:                  | <b>0.0000</b>   | <b>0.00</b>        |
| 6.2         | Corridor Development Data: |                 |                    |
|             | Length:                    | <b>0.0000</b>   | <b>0.0000</b>      |
| 6.4         | Miander Migration:         | <b>Multiple</b> |                    |
|             |                            | <u>Old</u>      | <u>New</u>         |
| 7.2         | Bank Erosion:              | <b>None</b>     | <b>624.1799927</b> |
|             | Bank Height:               | <b>N.D.</b>     | <b>2.727</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>None</b>    |                |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>    | <u>Right</u>   |
|             |                           | <b>0</b>       | <b>0</b>       |
| 5.1         | Flow Regulation - Type:   | <b>None</b>    |                |
|             | Use:                      |                |                |
| 5.2         | # of Bridges or Culverts: | <b>1</b>       |                |
|             | Total Length:             | <b>15.000</b>  |                |
| 5.3         | Armoring Length           | <u>Left</u>    | <u>Right</u>   |
|             |                           | <b>0.00000</b> | <b>0.00000</b> |
|             | Data Armoring:            | <b>None</b>    |                |
| 5.4         | Straightening Length:     | <b>0.00000</b> |                |
|             | Straightening Data:       | <b>None</b>    |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>    |                    |
|-------------|----------------------------|-----------------|--------------------|
| 5.5         | Dredging History:          | <b>None</b>     |                    |
| 6.1         | Berms & Roads Data:        | <u>One Side</u> | <u>Both Sides</u>  |
|             | Berms & Roads:             | <b>0.0000</b>   | <b>0.0000</b>      |
|             | Berm:                      | <b>0.0000</b>   | <b>0.0000</b>      |
|             | Path:                      | <b>0.000</b>    | <b>0.000</b>       |
|             | Road:                      | <b>0.0000</b>   | <b>0.00000</b>     |
|             | Railroad:                  | <b>0.0000</b>   | <b>0.00</b>        |
| 6.2         | Corridor Development Data: |                 |                    |
|             | Length:                    | <b>0.0000</b>   | <b>0.0000</b>      |
| 6.4         | Miander Migration:         | <b>None</b>     |                    |
|             |                            | <u>Old</u>      | <u>New</u>         |
| 7.2         | Bank Erosion:              | <b>None</b>     | <b>149.3199921</b> |
|             | Bank Height:               | <b>N.D.</b>     | <b>3.000</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>None</b>      |                |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>      | <u>Right</u>   |
|             |                           | <b>1327</b>      | <b>1507</b>    |
| 5.1         | Flow Regulation - Type:   | <b>None</b>      |                |
|             | Use:                      |                  |                |
| 5.2         | # of Bridges or Culverts: | <b>2</b>         |                |
|             | Total Length:             | <b>202.000</b>   |                |
| 5.3         | Armoring Length           | <u>Left</u>      | <u>Right</u>   |
|             |                           | <b>0.00000</b>   | <b>0.00000</b> |
|             | Data Armoring:            | <b>None</b>      |                |
| 5.4         | Straightening Length:     | <b>594.02997</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>1041.6100</b> | <b>0.0000</b>      |
|             | Berm:                      | <b>0.0000</b>    | <b>0.0000</b>      |
|             | Path:                      | <b>0.000</b>     | <b>0.000</b>       |
|             | Road:                      | <b>1041.6100</b> | <b>0.00000</b>     |
|             | Railroad:                  | <b>0.0000</b>    | <b>0.00</b>        |
| 6.2         | Corridor Development Data: |                  |                    |
|             | Length:                    | <b>350.4900</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>421.3899841</b> |
|             | Bank Height:               | <b>N.D.</b>      | <b>3.018</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>None</b>  |              |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>  | <u>Right</u> |
| 5.1         | Flow Regulation - Type:   | <b>None</b>  |              |
|             | Use:                      |              |              |
| 5.2         | # of Bridges or Culverts: |              |              |
|             | Total Length:             |              |              |
| 5.3         | Armoring Length           | <u>Left</u>  | <u>Right</u> |
|             | Data Armoring:            | <b>None</b>  |              |
| 5.4         | Straightening Length:     |              |              |
|             | Straightening Data:       | <b>None</b>  |              |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>    |                   |
|-------------|----------------------------|-----------------|-------------------|
| 5.5         | Dredging History:          | <b>None</b>     |                   |
| 6.1         | Berms & Roads Data:        |                 |                   |
|             |                            | <u>One Side</u> | <u>Both Sides</u> |
|             | Berms & Roads:             |                 |                   |
|             | Berm:                      |                 |                   |
|             | Path:                      |                 |                   |
|             | Road:                      |                 |                   |
|             | Railroad:                  |                 |                   |
| 6.2         | Corridor Development Data: |                 |                   |
|             | Length:                    |                 |                   |
| 6.4         | Miander Migration:         | <b>None</b>     |                   |
|             |                            | <u>Old</u>      | <u>New</u>        |
| 7.2         | Bank Erosion:              | <b>0.000000</b> |                   |
|             | Bank Height:               | <b>0.000</b>    |                   |

Reach: **T1.S3.01**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>    |                |
|-------------|---------------------------|-----------------|----------------|
| 3.1         | Alluvial Fan:             | <b>None</b>     |                |
| 3.2         | Grade Control:            | <b>None</b>     |                |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>     | <u>Right</u>   |
|             |                           | <b>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>35.000</b>   |                |
| 5.3         | Armoring Length           | <u>Left</u>     | <u>Right</u>   |
|             |                           | <b>0.00000</b>  | <b>0.00000</b> |
|             | Data Armoring:            | <b>None</b>     |                |
| 5.4         | Straightening Length:     | <b>47.94000</b> |                |
|             | Straightening Data:       |                 |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>    |                   |
|-------------|----------------------------|-----------------|-------------------|
| 5.5         | Dredging History:          | <b>None</b>     |                   |
| 6.1         | Berms & Roads Data:        |                 |                   |
|             |                            | <u>One Side</u> | <u>Both Sides</u> |
|             | Berms & Roads:             | <b>0.0000</b>   | <b>0.0000</b>     |
|             | Berm:                      | <b>0.0000</b>   | <b>0.0000</b>     |
|             | Path:                      | <b>0.000</b>    | <b>0.000</b>      |
|             | Road:                      | <b>0.0000</b>   | <b>0.00000</b>    |
|             | Railroad:                  | <b>0.0000</b>   | <b>0.00</b>       |
| 6.2         | Corridor Development Data: |                 |                   |
|             | Length:                    | <b>0.0000</b>   | <b>0.0000</b>     |
| 6.4         | Miander Migration:         | <b>None</b>     |                   |
|             |                            | <u>Old</u>      | <u>New</u>        |
| 7.2         | Bank Erosion:              | <b>None</b>     | <b>0.000000</b>   |
|             | Bank Height:               | <b>N.D.</b>     | <b>0.000</b>      |



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Reach: **T1.08**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>   |                |
|-------------|---------------------------|----------------|----------------|
| 3.1         | Alluvial Fan:             | <b>None</b>    |                |
| 3.2         | Grade Control:            | <b>None</b>    |                |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>    | <u>Right</u>   |
|             |                           | <b>0</b>       | <b>0</b>       |
| 5.1         | Flow Regulation - Type:   | <b>None</b>    |                |
|             | Use:                      |                |                |
| 5.2         | # of Bridges or Culverts: | <b>1</b>       |                |
|             | Total Length:             | <b>52.000</b>  |                |
| 5.3         | Armoring Length           | <u>Left</u>    | <u>Right</u>   |
|             |                           | <b>0.00000</b> | <b>0.00000</b> |
|             | Data Armoring:            | <b>None</b>    |                |
| 5.4         | Straightening Length:     | <b>0.00000</b> |                |
|             | Straightening Data:       | <b>None</b>    |                |

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

Reach: **T1.09**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>     |                |
|-------------|---------------------------|------------------|----------------|
| 3.1         | Alluvial Fan:             | <b>None</b>      |                |
| 3.2         | Grade Control:            | <b>None</b>      |                |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>      | <u>Right</u>   |
|             |                           | <b>0</b>         | <b>0</b>       |
| 5.1         | Flow Regulation - Type:   | <b>None</b>      |                |
|             | Use:                      |                  |                |
| 5.2         | # of Bridges or Culverts: | <b>1</b>         |                |
|             | Total Length:             | <b>20.000</b>    |                |
| 5.3         | Armoring Length           | <u>Left</u>      | <u>Right</u>   |
|             |                           | <b>0.00000</b>   | <b>0.00000</b> |
|             | Data Armoring:            | <b>None</b>      |                |
| 5.4         | Straightening Length:     | <b>148.52000</b> |                |
|             | Straightening Data:       |                  |                |

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



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Reach: **T1.10**

| <u>Step</u> | <u>Description</u>        | <u>Value</u>     |                |
|-------------|---------------------------|------------------|----------------|
| 3.1         | Alluvial Fan:             | <b>None</b>      |                |
| 3.2         | Grade Control:            | <b>None</b>      |                |
| 4.3         | Buffer Less Than 25 ft    | <u>Left</u>      | <u>Right</u>   |
|             |                           | <b>620</b>       | <b>347</b>     |
| 5.1         | Flow Regulation - Type:   | <b>None</b>      |                |
|             | Use:                      |                  |                |
| 5.2         | # of Bridges or Culverts: | <b>2</b>         |                |
|             | Total Length:             | <b>91.000</b>    |                |
| 5.3         | Armoring Length           | <u>Left</u>      | <u>Right</u>   |
|             |                           | <b>0.00000</b>   | <b>0.00000</b> |
|             | Data Armoring:            | <b>None</b>      |                |
| 5.4         | Straightening Length:     | <b>684.48999</b> |                |
|             | Straightening Data:       |                  |                |

| <u>Step</u> | <u>Description</u>         | <u>Value</u>    |                   |
|-------------|----------------------------|-----------------|-------------------|
| 5.5         | Dredging History:          | <b>None</b>     |                   |
| 6.1         | Berms & Roads Data:        | <u>One Side</u> | <u>Both Sides</u> |
|             | Berms & Roads:             | <b>0.0000</b>   | <b>0.0000</b>     |
|             | Berm:                      | <b>0.0000</b>   | <b>0.0000</b>     |
|             | Path:                      | <b>0.000</b>    | <b>0.000</b>      |
|             | Road:                      | <b>0.0000</b>   | <b>0.00000</b>    |
|             | Railroad:                  | <b>0.0000</b>   | <b>0.00</b>       |
| 6.2         | Corridor Development Data: |                 |                   |
|             | Length:                    | <b>148.7600</b> | <b>0.0000</b>     |
| 6.4         | Miander Migration:         | <b>None</b>     |                   |
|             |                            | <u>Old</u>      | <u>New</u>        |
| 7.2         | Bank Erosion:              | <b>None</b>     | <b>0.0000000</b>  |
|             | Bank Height:               | <b>N.D.</b>     | <b>0.000</b>      |

Reach: **T1.S4.01**

| <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>2003</b>       | <b>3003</b>    |
| 5.1         | Flow Regulation - Type:   | <b>None</b>       |                |
|             | Use:                      |                   |                |
| 5.2         | # of Bridges or Culverts: | <b>2</b>          |                |
|             | Total Length:             | <b>75.000</b>     |                |
| 5.3         | Armoring Length           | <u>Left</u>       | <u>Right</u>   |
|             |                           | <b>0.00000</b>    | <b>0.00000</b> |
|             | Data Armoring:            | <b>None</b>       |                |
| 5.4         | Straightening Length:     | <b>2372.15991</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>1051.3400</b> | <b>0.0000</b>     |
|             | Berm:                      | <b>549.1900</b>  | <b>0.0000</b>     |
|             | Path:                      | <b>0.000</b>     | <b>0.000</b>      |
|             | Road:                      | <b>502.1500</b>  | <b>0.00000</b>    |
|             | Railroad:                  | <b>0.0000</b>    | <b>0.00</b>       |
| 6.2         | Corridor Development Data: |                  |                   |
|             | Length:                    | <b>356.8400</b>  | <b>0.0000</b>     |
| 6.4         | Miander Migration:         | <b>None</b>      |                   |
|             |                            | <u>Old</u>       | <u>New</u>        |
| 7.2         | Bank Erosion:              | <b>None</b>      | <b>0.0000000</b>  |
|             | Bank Height:               | <b>N.D.</b>      | <b>0.000</b>      |



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| Reach: <b>T1.06.t1.01</b> |                           |                           |                | Step           | Description                | Value             |
|---------------------------|---------------------------|---------------------------|----------------|----------------|----------------------------|-------------------|
| <u>Step</u>               | <u>Description</u>        | <u>Value</u>              |                | 5.5            | Dredging History:          | <b>None</b>       |
| 3.1                       | Alluvial Fan:             | <b>None</b>               |                | 6.1            | Berms & Roads Data:        |                   |
| 3.2                       | Grade Control:            | <b>None</b>               |                |                | <u>One Side</u>            | <u>Both Sides</u> |
| 4.3                       | Buffer Less Than 25 ft    | <u>Left</u>               | <u>Right</u>   | Berms & Roads: | <b>0.0000</b>              | <b>0.0000</b>     |
|                           |                           | <b>657</b>                | <b>536</b>     | Berm:          | <b>0.0000</b>              | <b>0.0000</b>     |
| 5.1                       | Flow Regulation - Type:   | <b>Large Run of River</b> |                | Path:          | <b>0.000</b>               | <b>0.000</b>      |
|                           | Use:                      | <b>Other</b>              |                | Road:          | <b>0.0000</b>              | <b>0.00000</b>    |
| 5.2                       | # of Bridges or Culverts: | <b>1</b>                  |                | Railroad:      | <b>0.0000</b>              | <b>0.00</b>       |
|                           | Total Length:             | <b>215.000</b>            |                | 6.2            | Corridor Development Data: |                   |
| 5.3                       | Armoring Length           | <u>Left</u>               | <u>Right</u>   | Length:        | <b>0.0000</b>              | <b>0.0000</b>     |
|                           |                           | <b>0.00000</b>            | <b>0.00000</b> | 6.4            | Miander Migration:         | <b>None</b>       |
|                           | Data Armoring:            | <b>None</b>               |                |                | <u>Old</u>                 | <u>New</u>        |
| 5.4                       | Straightening Length:     | <b>726.98004</b>          |                | 7.2            | Bank Erosion:              | <b>None</b>       |
|                           | Straightening Data:       |                           |                | Bank Height:   | <b>N.D.</b>                | <b>0.000</b>      |