



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
June, 17 2026

Phase 1 - FIT - Legacy Data Report

Walloomsac

SGAT Version: 4.56

Reach: **M02**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|---------------------------|--------------------|----------------|
| 3.1 | Alluvial Fan: | None | |
| 3.2 | Grade Control: | Weir | |
| 4.3 | Buffer Less Than 25 ft | <u>Left</u> | <u>Right</u> |
| | | 5271 | 3012 |
| 5.1 | Flow Regulation - Type: | | |
| | Use: | | |
| 5.2 | # of Bridges or Culverts: | 1 | |
| | Total Length: | 299.600 | |
| 5.3 | Armoring Length | <u>Left</u> | <u>Right</u> |
| | | 453.560 | 101.810 |
| | | 00 | 00 |
| | Data Armoring: | | |
| 5.4 | Straightening Length: | 12087.99023 | |
| | Straightening Data: | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|----------------------------|------------------|--------------------|
| 5.5 | Dredging History: | None | |
| 6.1 | Berms & Roads Data: | | |
| | | <u>One Side</u> | <u>Both Sides</u> |
| | Berms & Roads: | 6084.5298 | 0.0000 |
| | Berm: | 0.0000 | 0.0000 |
| | Path: | 0.000 | 0.000 |
| | Road: | 6084.5298 | 0.00000 |
| | Railroad: | 0.0000 | 0.00 |
| 6.2 | Corridor Development Data: | | |
| | Length: | 1404.8999 | 1700.8301 |
| 6.4 | Miander Migration: | Braiding | |
| | | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | Low | 799.4699707 |
| | Bank Height: | Medium | 5.200 |



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Reach: **M03**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|---------------------------|-------------------|----------------|
| 3.1 | Alluvial Fan: | None | |
| 3.2 | Grade Control: | Dam | |
| 4.3 | Buffer Less Than 25 ft | <u>Left</u> | <u>Right</u> |
| | | 824 | 1386 |
| 5.1 | Flow Regulation - Type: | | |
| | Use: | | |
| 5.2 | # of Bridges or Culverts: | 2 | |
| | Total Length: | 269.590 | |
| 5.3 | Armoring Length | <u>Left</u> | <u>Right</u> |
| | | 202.340 | 120.140 |
| | | 00 | 00 |
| | Data Armoring: | | |
| 5.4 | Straightening Length: | 3182.47998 | |
| | Straightening Data: | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|----------------------------|----------------------|-------------------|
| 5.5 | Dredging History: | None | |
| 6.1 | Berms & Roads Data: | | |
| | | <u>One Side</u> | <u>Both Sides</u> |
| | Berms & Roads: | 3290.3198 | 0.0000 |
| | Berm: | 0.0000 | 0.0000 |
| | Path: | 0.000 | 0.000 |
| | Road: | 3290.3198 | 0.00000 |
| | Railroad: | 0.0000 | 0.00 |
| 6.2 | Corridor Development Data: | | |
| | Length: | 906.6100 | 1707.5200 |
| 6.4 | Miander Migration: | Not Evaluated | |
| | | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | None | 0.0000000 |
| | Bank Height: | N.D. | 0.000 |

Reach: **M04**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|---------------------------|-------------------|----------------|
| 3.1 | Alluvial Fan: | None | |
| 3.2 | Grade Control: | None | |
| 4.3 | Buffer Less Than 25 ft | <u>Left</u> | <u>Right</u> |
| | | 319 | 1171 |
| 5.1 | Flow Regulation - Type: | None | |
| | Use: | | |
| 5.2 | # of Bridges or Culverts: | 0 | |
| | Total Length: | 0.000 | |
| 5.3 | Armoring Length | <u>Left</u> | <u>Right</u> |
| | | 30.5400 | 0.00000 |
| | | 0 | |
| | Data Armoring: | | |
| 5.4 | Straightening Length: | 2358.12988 | |
| | Straightening Data: | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|----------------------------|----------------------|--------------------|
| 5.5 | Dredging History: | None | |
| 6.1 | Berms & Roads Data: | None | |
| | | <u>One Side</u> | <u>Both Sides</u> |
| | Berms & Roads: | 0.0000 | 0.0000 |
| | Berm: | 0.0000 | 0.0000 |
| | Path: | 0.000 | 0.000 |
| | Road: | 0.0000 | 0.00000 |
| | Railroad: | 0.0000 | 0.00 |
| 6.2 | Corridor Development Data: | | |
| | Length: | 1561.0801 | 0.0000 |
| 6.4 | Miander Migration: | Not Evaluated | |
| | | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | Low | 182.7899933 |
| | Bank Height: | Medium | 14.000 |



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Reach: **M05**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|---------------------------|-------------------|----------------|
| 3.1 | Alluvial Fan: | None | |
| 3.2 | Grade Control: | None | |
| 4.3 | Buffer Less Than 25 ft | <u>Left</u> | <u>Right</u> |
| | | 4723 | 1152 |
| 5.1 | Flow Regulation - Type: | None | |
| | Use: | | |
| 5.2 | # of Bridges or Culverts: | 1 | |
| | Total Length: | 76.800 | |
| 5.3 | Armoring Length | <u>Left</u> | <u>Right</u> |
| | | 341.669 | 630.660 |
| | | 98 | 03 |
| | Data Armoring: | | |
| 5.4 | Straightening Length: | 1675.68005 | |
| | Straightening Data: | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|----------------------------|------------------|--------------------|
| 5.5 | Dredging History: | None | |
| 6.1 | Berms & Roads Data: | | |
| | | <u>One Side</u> | <u>Both Sides</u> |
| | Berms & Roads: | 3831.8901 | 1195.8800 |
| | Berm: | 317.7000 | 0.0000 |
| | Path: | 0.000 | 0.000 |
| | Road: | 3514.1899 | 1195.88000 |
| | Railroad: | 0.0000 | 0.00 |
| 6.2 | Corridor Development Data: | | |
| | Length: | 3385.7800 | 974.5300 |
| 6.4 | Miander Migration: | Multiple | |
| | | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | Low | 237.4600067 |
| | Bank Height: | Low | 4.500 |

Reach: **M06**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|---------------------------|-------------------|----------------|
| 3.1 | Alluvial Fan: | None | |
| 3.2 | Grade Control: | Multiple | |
| 4.3 | Buffer Less Than 25 ft | <u>Left</u> | <u>Right</u> |
| | | 650 | 243 |
| 5.1 | Flow Regulation - Type: | | |
| | Use: | | |
| 5.2 | # of Bridges or Culverts: | 3 | |
| | Total Length: | 137.980 | |
| 5.3 | Armoring Length | <u>Left</u> | <u>Right</u> |
| | | 1389.15 | 590.140 |
| | | 002 | 01 |
| | Data Armoring: | | |
| 5.4 | Straightening Length: | 6646.02002 | |
| | Straightening Data: | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|----------------------------|----------------------|---------------------|
| 5.5 | Dredging History: | None | |
| 6.1 | Berms & Roads Data: | | |
| | | <u>One Side</u> | <u>Both Sides</u> |
| | Berms & Roads: | 852.0300 | 2324.3398 |
| | Berm: | 0.0000 | 2012.9600 |
| | Path: | 0.000 | 0.000 |
| | Road: | 852.0300 | 311.38000 |
| | Railroad: | 0.0000 | 0.00 |
| 6.2 | Corridor Development Data: | | |
| | Length: | 2130.1799 | 1125.9700 |
| 6.4 | Miander Migration: | Not Evaluated | |
| | | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | Low | 3041.1699219 |
| | Bank Height: | Medium | 7.900 |



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Reach: **M07**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|---------------------------|------------------|----------------|
| 3.1 | Alluvial Fan: | Yes | |
| 3.2 | Grade Control: | None | |
| 4.3 | Buffer Less Than 25 ft | <u>Left</u> | <u>Right</u> |
| | | 5095 | 2183 |
| 5.1 | Flow Regulation - Type: | None | |
| | Use: | | |
| 5.2 | # of Bridges or Culverts: | 4 | |
| | Total Length: | 488.600 | |
| 5.3 | Armoring Length | <u>Left</u> | <u>Right</u> |
| | | 0.00000 | 0.00000 |
| | Data Armoring: | None | |
| 5.4 | Straightening Length: | 957.06000 | |
| | Straightening Data: | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|----------------------------|----------------------|-------------------|
| 5.5 | Dredging History: | Dredging | |
| 6.1 | Berms & Roads Data: | <u>One Side</u> | <u>Both Sides</u> |
| | Berms & Roads: | 445.0200 | 0.0000 |
| | Berm: | | |
| | Path: | | |
| | Road: | 445.0200 | |
| | Railroad: | | |
| 6.2 | Corridor Development Data: | | |
| | Length: | 683.2800 | 4623.0601 |
| 6.4 | Miander Migration: | Not Evaluated | |
| | | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | None | |
| | Bank Height: | N.D. | |

Reach: **M07S2.01**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|---------------------------|----------------|----------------|
| 3.1 | Alluvial Fan: | None | |
| 3.2 | Grade Control: | None | |
| 4.3 | Buffer Less Than 25 ft | <u>Left</u> | <u>Right</u> |
| | | 3159 | 2527 |
| 5.1 | Flow Regulation - Type: | None | |
| | Use: | | |
| 5.2 | # of Bridges or Culverts: | 9 | |
| | Total Length: | 815.770 | |
| 5.3 | Armoring Length | <u>Left</u> | <u>Right</u> |
| | | 0.00000 | 0.00000 |
| | Data Armoring: | None | |
| 5.4 | Straightening Length: | 0.00000 | |
| | Straightening Data: | None | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|----------------------------|----------------------|-------------------|
| 5.5 | Dredging History: | None | |
| 6.1 | Berms & Roads Data: | <u>One Side</u> | <u>Both Sides</u> |
| | Berms & Roads: | 512.0100 | 0.0000 |
| | Berm: | | |
| | Path: | | |
| | Road: | 512.0100 | |
| | Railroad: | | |
| 6.2 | Corridor Development Data: | | |
| | Length: | 1573.9301 | 4436.3296 |
| 6.4 | Miander Migration: | Not Evaluated | |
| | | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | None | |
| | Bank Height: | N.D. | |



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Reach: **M08**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|---------------------------|-------------------|----------------|
| 3.1 | Alluvial Fan: | Yes | |
| 3.2 | Grade Control: | None | |
| 4.3 | Buffer Less Than 25 ft | <u>Left</u> | <u>Right</u> |
| | | 2086 | 1669 |
| 5.1 | Flow Regulation - Type: | None | |
| | Use: | | |
| 5.2 | # of Bridges or Culverts: | 6 | |
| | Total Length: | 790.540 | |
| 5.3 | Armoring Length | <u>Left</u> | <u>Right</u> |
| | | 1735.00 | 0.00000 |
| | Data Armoring: | | |
| 5.4 | Straightening Length: | 3717.97998 | |
| | Straightening Data: | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|----------------------------|----------------------|-------------------|
| 5.5 | Dredging History: | None | |
| 6.1 | Berms & Roads Data: | <u>One Side</u> | <u>Both Sides</u> |
| | Berms & Roads: | 0.0000 | 0.0000 |
| | Berm: | | |
| | Path: | | |
| | Road: | | |
| | Railroad: | | |
| 6.2 | Corridor Development Data: | | |
| | Length: | 0.0000 | 4042.3999 |
| 6.4 | Miander Migration: | Not Evaluated | |
| | | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | None | |
| | Bank Height: | N.D. | |

Reach: **M09**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|---------------------------|-------------------|----------------|
| 3.1 | Alluvial Fan: | None | |
| 3.2 | Grade Control: | None | |
| 4.3 | Buffer Less Than 25 ft | <u>Left</u> | <u>Right</u> |
| | | 0 | 0 |
| 5.1 | Flow Regulation - Type: | None | |
| | Use: | | |
| 5.2 | # of Bridges or Culverts: | 1 | |
| | Total Length: | 31.940 | |
| 5.3 | Armoring Length | <u>Left</u> | <u>Right</u> |
| | | 0.00000 | 0.00000 |
| | Data Armoring: | None | |
| 5.4 | Straightening Length: | 1473.72998 | |
| | Straightening Data: | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|----------------------------|----------------------|-------------------|
| 5.5 | Dredging History: | None | |
| 6.1 | Berms & Roads Data: | <u>One Side</u> | <u>Both Sides</u> |
| | Berms & Roads: | 1266.0800 | 0.0000 |
| | Berm: | | |
| | Path: | | |
| | Road: | 1266.0800 | |
| | Railroad: | | |
| 6.2 | Corridor Development Data: | | |
| | Length: | 768.1100 | 439.5900 |
| 6.4 | Miander Migration: | Not Evaluated | |
| | | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | None | |
| | Bank Height: | N.D. | |



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Reach: **M09T4.01**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|---------------------------|-------------------|----------------|
| 3.1 | Alluvial Fan: | None | |
| 3.2 | Grade Control: | None | |
| 4.3 | Buffer Less Than 25 ft | <u>Left</u> | <u>Right</u> |
| | | 1906 | 635 |
| 5.1 | Flow Regulation - Type: | None | |
| | Use: | | |
| 5.2 | # of Bridges or Culverts: | 3 | |
| | Total Length: | 689.560 | |
| 5.3 | Armoring Length | <u>Left</u> | <u>Right</u> |
| | | 0.00000 | 0.00000 |
| | Data Armoring: | None | |
| 5.4 | Straightening Length: | 4872.64014 | |
| | Straightening Data: | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|----------------------------|----------------------|-------------------|
| 5.5 | Dredging History: | None | |
| 6.1 | Berms & Roads Data: | None | |
| | | <u>One Side</u> | <u>Both Sides</u> |
| | Berms & Roads: | 0.0000 | 0.0000 |
| | Berm: | | |
| | Path: | | |
| | Road: | | |
| | Railroad: | | |
| 6.2 | Corridor Development Data: | | |
| | Length: | 209.8900 | 399.1200 |
| 6.4 | Miander Migration: | Not Evaluated | |
| | | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | None | |
| | Bank Height: | N.D. | |

Reach: **M09T4.02**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|---------------------------|----------------|----------------|
| 3.1 | Alluvial Fan: | None | |
| 3.2 | Grade Control: | None | |
| 4.3 | Buffer Less Than 25 ft | <u>Left</u> | <u>Right</u> |
| | | 521 | 260 |
| 5.1 | Flow Regulation - Type: | None | |
| | Use: | | |
| 5.2 | # of Bridges or Culverts: | 1 | |
| | Total Length: | 114.680 | |
| 5.3 | Armoring Length | <u>Left</u> | <u>Right</u> |
| | | 0.00000 | 0.00000 |
| | Data Armoring: | None | |
| 5.4 | Straightening Length: | 0.00000 | |
| | Straightening Data: | None | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|----------------------------|----------------------|-------------------|
| 5.5 | Dredging History: | None | |
| 6.1 | Berms & Roads Data: | None | |
| | | <u>One Side</u> | <u>Both Sides</u> |
| | Berms & Roads: | 0.0000 | 0.0000 |
| | Berm: | | |
| | Path: | | |
| | Road: | | |
| | Railroad: | | |
| 6.2 | Corridor Development Data: | | |
| | Length: | 819.0700 | 0.0000 |
| 6.4 | Miander Migration: | Not Evaluated | |
| | | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | None | |
| | Bank Height: | N.D. | |



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Reach: **M09T4.03**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|---------------------------|-------------------|----------------|
| 3.1 | Alluvial Fan: | None | |
| 3.2 | Grade Control: | None | |
| 4.3 | Buffer Less Than 25 ft | <u>Left</u> | <u>Right</u> |
| | | 508 | 1016 |
| 5.1 | Flow Regulation - Type: | None | |
| | Use: | | |
| 5.2 | # of Bridges or Culverts: | 4 | |
| | Total Length: | 349.430 | |
| 5.3 | Armoring Length | <u>Left</u> | <u>Right</u> |
| | | 0.00000 | 0.00000 |
| | Data Armoring: | None | |
| 5.4 | Straightening Length: | 2102.87012 | |
| | Straightening Data: | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|----------------------------|----------------------|-------------------|
| 5.5 | Dredging History: | None | |
| 6.1 | Berms & Roads Data: | <u>One Side</u> | <u>Both Sides</u> |
| | Berms & Roads: | 4351.7002 | 0.0000 |
| | Berm: | | |
| | Path: | | |
| | Road: | 4351.7002 | |
| | Railroad: | | |
| 6.2 | Corridor Development Data: | | |
| | Length: | 830.8600 | 464.7100 |
| 6.4 | Miander Migration: | Not Evaluated | |
| | | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | None | |
| | Bank Height: | N.D. | |

Reach: **M09T4.04**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|---------------------------|-------------------|----------------|
| 3.1 | Alluvial Fan: | None | |
| 3.2 | Grade Control: | None | |
| 4.3 | Buffer Less Than 25 ft | <u>Left</u> | <u>Right</u> |
| | | 233 | 233 |
| 5.1 | Flow Regulation - Type: | None | |
| | Use: | | |
| 5.2 | # of Bridges or Culverts: | 1 | |
| | Total Length: | 80.590 | |
| 5.3 | Armoring Length | <u>Left</u> | <u>Right</u> |
| | | 0.00000 | 0.00000 |
| | Data Armoring: | None | |
| 5.4 | Straightening Length: | 3691.27002 | |
| | Straightening Data: | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|----------------------------|----------------------|-------------------|
| 5.5 | Dredging History: | None | |
| 6.1 | Berms & Roads Data: | <u>One Side</u> | <u>Both Sides</u> |
| | Berms & Roads: | 0.0000 | 0.0000 |
| | Berm: | | |
| | Path: | | |
| | Road: | | |
| | Railroad: | | |
| 6.2 | Corridor Development Data: | | |
| | Length: | 588.2100 | 0.0000 |
| 6.4 | Miander Migration: | Not Evaluated | |
| | | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | None | |
| | Bank Height: | N.D. | |



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Reach: **M09T5.01**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|---------------------------|-------------------|----------------|
| 3.1 | Alluvial Fan: | None | |
| 3.2 | Grade Control: | None | |
| 4.3 | Buffer Less Than 25 ft | <u>Left</u> | <u>Right</u> |
| | | 0 | 172 |
| 5.1 | Flow Regulation - Type: | None | |
| | Use: | | |
| 5.2 | # of Bridges or Culverts: | 0 | |
| | Total Length: | 0.000 | |
| 5.3 | Armoring Length | <u>Left</u> | <u>Right</u> |
| | | 0.00000 | 0.00000 |
| | Data Armoring: | None | |
| 5.4 | Straightening Length: | 1106.34998 | |
| | Straightening Data: | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|----------------------------|----------------------|-------------------|
| 5.5 | Dredging History: | None | |
| 6.1 | Berms & Roads Data: | | |
| | | <u>One Side</u> | <u>Both Sides</u> |
| | Berms & Roads: | 366.3300 | 0.0000 |
| | Berm: | | |
| | Path: | | |
| | Road: | 366.3300 | |
| | Railroad: | | |
| 6.2 | Corridor Development Data: | | |
| | Length: | 937.2200 | 0.0000 |
| 6.4 | Miander Migration: | Not Evaluated | |
| | | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | None | |
| | Bank Height: | N.D. | |

Reach: **M09T5.02**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|---------------------------|------------------|----------------|
| 3.1 | Alluvial Fan: | None | |
| 3.2 | Grade Control: | None | |
| 4.3 | Buffer Less Than 25 ft | <u>Left</u> | <u>Right</u> |
| | | 0 | 125 |
| 5.1 | Flow Regulation - Type: | None | |
| | Use: | | |
| 5.2 | # of Bridges or Culverts: | 1 | |
| | Total Length: | 251.370 | |
| 5.3 | Armoring Length | <u>Left</u> | <u>Right</u> |
| | | 0.00000 | 0.00000 |
| | Data Armoring: | None | |
| 5.4 | Straightening Length: | 910.73999 | |
| | Straightening Data: | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|----------------------------|----------------------|-------------------|
| 5.5 | Dredging History: | None | |
| 6.1 | Berms & Roads Data: | | |
| | | <u>One Side</u> | <u>Both Sides</u> |
| | Berms & Roads: | 949.2200 | 0.0000 |
| | Berm: | | |
| | Path: | | |
| | Road: | 949.2200 | |
| | Railroad: | | |
| 6.2 | Corridor Development Data: | | |
| | Length: | 851.0900 | 114.0500 |
| 6.4 | Miander Migration: | Not Evaluated | |
| | | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | None | |
| | Bank Height: | N.D. | |



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Reach: **M09T5.03**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|---------------------------|-------------------|----------------|
| 3.1 | Alluvial Fan: | None | |
| 3.2 | Grade Control: | None | |
| 4.3 | Buffer Less Than 25 ft | <u>Left</u> | <u>Right</u> |
| | | 530 | 265 |
| 5.1 | Flow Regulation - Type: | None | |
| | Use: | | |
| 5.2 | # of Bridges or Culverts: | 1 | |
| | Total Length: | 126.450 | |
| 5.3 | Armoring Length | <u>Left</u> | <u>Right</u> |
| | | 327.340 | 0.00000 |
| | Data Armoring: | | |
| 5.4 | Straightening Length: | 1438.81995 | |
| | Straightening Data: | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|----------------------------|----------------------|-------------------|
| 5.5 | Dredging History: | None | |
| 6.1 | Berms & Roads Data: | <u>One Side</u> | <u>Both Sides</u> |
| | Berms & Roads: | 3461.2900 | 0.0000 |
| | Berm: | | |
| | Path: | | |
| | Road: | 3461.2900 | |
| | Railroad: | | |
| 6.2 | Corridor Development Data: | | |
| | Length: | 1883.5901 | 0.0000 |
| 6.4 | Miander Migration: | Not Evaluated | |
| | | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | None | |
| | Bank Height: | N.D. | |

Reach: **M09T5.03S1.01**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|---------------------------|----------------|----------------|
| 3.1 | Alluvial Fan: | None | |
| 3.2 | Grade Control: | None | |
| 4.3 | Buffer Less Than 25 ft | <u>Left</u> | <u>Right</u> |
| | | 168 | 168 |
| 5.1 | Flow Regulation - Type: | None | |
| | Use: | | |
| 5.2 | # of Bridges or Culverts: | 0 | |
| | Total Length: | 0.000 | |
| 5.3 | Armoring Length | <u>Left</u> | <u>Right</u> |
| | | 0.00000 | 0.00000 |
| | Data Armoring: | None | |
| 5.4 | Straightening Length: | 0.00000 | |
| | Straightening Data: | None | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|----------------------------|----------------------|-------------------|
| 5.5 | Dredging History: | None | |
| 6.1 | Berms & Roads Data: | <u>One Side</u> | <u>Both Sides</u> |
| | Berms & Roads: | 0.0000 | 0.0000 |
| | Berm: | | |
| | Path: | | |
| | Road: | | |
| | Railroad: | | |
| 6.2 | Corridor Development Data: | | |
| | Length: | 121.0200 | 0.0000 |
| 6.4 | Miander Migration: | Not Evaluated | |
| | | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | None | |
| | Bank Height: | N.D. | |



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Reach: **M09T5.03S1.02**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|---------------------------|--------------|--------------|
| 3.1 | Alluvial Fan: | None | |
| 3.2 | Grade Control: | None | |
| 4.3 | Buffer Less Than 25 ft | <u>Left</u> | <u>Right</u> |
| | | 1080 | 864 |
| 5.1 | Flow Regulation - Type: | None | |
| | Use: | | |
| 5.2 | # of Bridges or Culverts: | 0 | |
| | Total Length: | 0.000 | |
| 5.3 | Armoring Length | <u>Left</u> | <u>Right</u> |
| | | | |
| | Data Armoring: | None | |
| 5.4 | Straightening Length: | | |
| | Straightening Data: | None | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|----------------------------|-----------------|----------------------|
| 5.5 | Dredging History: | None | |
| 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: | 0.0000 | 0.0000 |
| 6.4 | Miander Migration: | | Not Evaluated |
| | | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | N.E. | |
| | Bank Height: | N.E. | |

Reach: **M09T5.04**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|---------------------------|-------------------|----------------|
| 3.1 | Alluvial Fan: | None | |
| 3.2 | Grade Control: | None | |
| 4.3 | Buffer Less Than 25 ft | <u>Left</u> | <u>Right</u> |
| | | 75 | 75 |
| 5.1 | Flow Regulation - Type: | None | |
| | Use: | | |
| 5.2 | # of Bridges or Culverts: | 2 | |
| | Total Length: | 289.180 | |
| 5.3 | Armoring Length | <u>Left</u> | <u>Right</u> |
| | | 0.00000 | 0.00000 |
| | Data Armoring: | None | |
| 5.4 | Straightening Length: | 1178.95996 | |
| | Straightening Data: | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|----------------------------|-----------------|----------------------|
| 5.5 | Dredging History: | None | |
| 6.1 | Berms & Roads Data: | <u>One Side</u> | <u>Both Sides</u> |
| | Berms & Roads: | 171.5400 | 0.0000 |
| | Berm: | | |
| | Path: | | |
| | Road: | 171.5400 | |
| | Railroad: | | |
| 6.2 | Corridor Development Data: | | |
| | Length: | 940.3300 | 0.0000 |
| 6.4 | Miander Migration: | | Not Evaluated |
| | | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | None | |
| | Bank Height: | N.D. | |



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Reach: **M09T5.05**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|---------------------------|----------------|----------------|
| 3.1 | Alluvial Fan: | None | |
| 3.2 | Grade Control: | None | |
| 4.3 | Buffer Less Than 25 ft | <u>Left</u> | <u>Right</u> |
| | | 295 | 0 |
| 5.1 | Flow Regulation - Type: | None | |
| | Use: | | |
| 5.2 | # of Bridges or Culverts: | 0 | |
| | Total Length: | 0.000 | |
| 5.3 | Armoring Length | <u>Left</u> | <u>Right</u> |
| | | 0.00000 | 0.00000 |
| | Data Armoring: | None | |
| 5.4 | Straightening Length: | 0.00000 | |
| | Straightening Data: | None | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|----------------------------|----------------------|-------------------|
| 5.5 | Dredging History: | None | |
| 6.1 | Berms & Roads Data: | <u>One Side</u> | <u>Both Sides</u> |
| | Berms & Roads: | 2625.9600 | 0.0000 |
| | Berm: | | |
| | Path: | | |
| | Road: | 2625.9600 | |
| | Railroad: | | |
| 6.2 | Corridor Development Data: | | |
| | Length: | 1420.8600 | 0.0000 |
| 6.4 | Miander Migration: | Not Evaluated | |
| | | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | None | |
| | Bank Height: | N.D. | |

Reach: **M09T5.05S1.01**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|---------------------------|----------------|----------------|
| 3.1 | Alluvial Fan: | None | |
| 3.2 | Grade Control: | None | |
| 4.3 | Buffer Less Than 25 ft | <u>Left</u> | <u>Right</u> |
| | | 330 | 660 |
| 5.1 | Flow Regulation - Type: | None | |
| | Use: | | |
| 5.2 | # of Bridges or Culverts: | 2 | |
| | Total Length: | 427.460 | |
| 5.3 | Armoring Length | <u>Left</u> | <u>Right</u> |
| | | 0.00000 | 0.00000 |
| | Data Armoring: | None | |
| 5.4 | Straightening Length: | 0.00000 | |
| | Straightening Data: | None | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|----------------------------|----------------------|-------------------|
| 5.5 | Dredging History: | None | |
| 6.1 | Berms & Roads Data: | <u>One Side</u> | <u>Both Sides</u> |
| | Berms & Roads: | 0.0000 | 0.0000 |
| | Berm: | | |
| | Path: | | |
| | Road: | | |
| | Railroad: | | |
| 6.2 | Corridor Development Data: | | |
| | Length: | 400.8500 | 0.0000 |
| 6.4 | Miander Migration: | Not Evaluated | |
| | | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | None | |
| | Bank Height: | N.D. | |



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Reach: **M08S1.01**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|---------------------------|-------------------|----------------|
| 3.1 | Alluvial Fan: | Yes | |
| 3.2 | Grade Control: | None | |
| 4.3 | Buffer Less Than 25 ft | <u>Left</u> | <u>Right</u> |
| | | 3363 | 2803 |
| 5.1 | Flow Regulation - Type: | None | |
| | Use: | | |
| 5.2 | # of Bridges or Culverts: | 7 | |
| | Total Length: | 846.080 | |
| 5.3 | Armoring Length | <u>Left</u> | <u>Right</u> |
| | | 0.00000 | 0.00000 |
| | Data Armoring: | None | |
| 5.4 | Straightening Length: | 3300.14990 | |
| | Straightening Data: | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|----------------------------|----------------------|-------------------|
| 5.5 | Dredging History: | None | |
| 6.1 | Berms & Roads Data: | <u>One Side</u> | <u>Both Sides</u> |
| | Berms & Roads: | 4300.8198 | 0.0000 |
| | Berm: | | |
| | Path: | | |
| | Road: | 4300.8198 | |
| | Railroad: | | |
| 6.2 | Corridor Development Data: | | |
| | Length: | 3110.9800 | 3652.8801 |
| 6.4 | Miander Migration: | Not Evaluated | |
| | | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | None | |
| | Bank Height: | N.D. | |

Reach: **M06T3.01**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|---------------------------|-------------------|----------------|
| 3.1 | Alluvial Fan: | Yes | |
| 3.2 | Grade Control: | Weir | |
| 4.3 | Buffer Less Than 25 ft | <u>Left</u> | <u>Right</u> |
| | | 746 | 746 |
| 5.1 | Flow Regulation - Type: | None | |
| | Use: | | |
| 5.2 | # of Bridges or Culverts: | 4 | |
| | Total Length: | 809.520 | |
| 5.3 | Armoring Length | <u>Left</u> | <u>Right</u> |
| | | 1735.04 | 1015.31 |
| | | 993 | 995 |
| | Data Armoring: | | |
| 5.4 | Straightening Length: | 7200.81006 | |
| | Straightening Data: | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|----------------------------|-----------------|--------------------|
| 5.5 | Dredging History: | None | |
| 6.1 | Berms & Roads Data: | <u>One Side</u> | <u>Both Sides</u> |
| | Berms & Roads: | 705.7700 | 4906.6597 |
| | Berm: | 705.7700 | 4906.6597 |
| | Path: | 0.000 | 0.000 |
| | Road: | 0.0000 | 0.00000 |
| | Railroad: | 0.0000 | 0.00 |
| 6.2 | Corridor Development Data: | | |
| | Length: | 0.0000 | 0.0000 |
| 6.4 | Miander Migration: | Braiding | |
| | | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | Low | 504.6900024 |
| | Bank Height: | Medium | 11.750 |



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Reach: **M06T3.02**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|---------------------------|-------------------|----------------|
| 3.1 | Alluvial Fan: | Yes | |
| 3.2 | Grade Control: | Weir | |
| 4.3 | Buffer Less Than 25 ft | <u>Left</u> | <u>Right</u> |
| | | 0 | 0 |
| 5.1 | Flow Regulation - Type: | None | |
| | Use: | | |
| 5.2 | # of Bridges or Culverts: | 0 | |
| | Total Length: | 0.000 | |
| 5.3 | Armoring Length | <u>Left</u> | <u>Right</u> |
| | | 987.760 | 0.00000 |
| | | 01 | |
| | Data Armoring: | | |
| 5.4 | Straightening Length: | 4980.39014 | |
| | Straightening Data: | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|----------------------------|------------------|--------------------|
| 5.5 | Dredging History: | None | |
| 6.1 | Berms & Roads Data: | <u>One Side</u> | <u>Both Sides</u> |
| | Berms & Roads: | 2642.7600 | 1217.0599 |
| | Berm: | 2642.7600 | 1217.0599 |
| | Path: | 0.000 | 0.000 |
| | Road: | 0.0000 | 0.00000 |
| | Railroad: | 0.0000 | 0.00 |
| 6.2 | Corridor Development Data: | | |
| | Length: | 1259.9100 | 0.0000 |
| 6.4 | Miander Migration: | Multiple | |
| | | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | Low | 1592.859985 |
| | | | 4 |
| | Bank Height: | High | 19.500 |

Reach: **M06T3.03**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|---------------------------|-------------------|----------------|
| 3.1 | Alluvial Fan: | None | |
| 3.2 | Grade Control: | Weir | |
| 4.3 | Buffer Less Than 25 ft | <u>Left</u> | <u>Right</u> |
| | | 223 | 223 |
| 5.1 | Flow Regulation - Type: | None | |
| | Use: | | |
| 5.2 | # of Bridges or Culverts: | 1 | |
| | Total Length: | 93.890 | |
| 5.3 | Armoring Length | <u>Left</u> | <u>Right</u> |
| | | 254.450 | 95.7300 |
| | | 00 | 0 |
| | Data Armoring: | | |
| 5.4 | Straightening Length: | 4242.50000 | |
| | Straightening Data: | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|----------------------------|------------------|--------------------|
| 5.5 | Dredging History: | None | |
| 6.1 | Berms & Roads Data: | <u>One Side</u> | <u>Both Sides</u> |
| | Berms & Roads: | 3835.0500 | 720.5100 |
| | Berm: | 231.7100 | 720.5100 |
| | Path: | 0.000 | 0.000 |
| | Road: | 3603.3401 | 0.00000 |
| | Railroad: | 0.0000 | 0.00 |
| 6.2 | Corridor Development Data: | | |
| | Length: | 186.3300 | 0.0000 |
| 6.4 | Miander Migration: | Braiding | |
| | | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | Low | 967.0399780 |
| | Bank Height: | Medium | 8.800 |



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Reach: **M06T3.04**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|---------------------------|-------------------|----------------|
| 3.1 | Alluvial Fan: | None | |
| 3.2 | Grade Control: | Multiple | |
| 4.3 | Buffer Less Than 25 ft | <u>Left</u> | <u>Right</u> |
| | | 362 | 362 |
| 5.1 | Flow Regulation - Type: | None | |
| | Use: | | |
| 5.2 | # of Bridges or Culverts: | 1 | |
| | Total Length: | 86.220 | |
| 5.3 | Armoring Length | <u>Left</u> | <u>Right</u> |
| | | 359.670 | 193.770 |
| | | 01 | 00 |
| | Data Armoring: | | |
| 5.4 | Straightening Length: | 6909.77002 | |
| | Straightening Data: | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|----------------------------|------------------|--------------------|
| 5.5 | Dredging History: | None | |
| 6.1 | Berms & Roads Data: | <u>One Side</u> | <u>Both Sides</u> |
| | Berms & Roads: | 10206.349 | 1487.5200 |
| | | 6 | |
| | Berm: | 3606.8699 | 1487.5200 |
| | Path: | 0.000 | 0.000 |
| | Road: | 6599.4800 | 0.00000 |
| | Railroad: | 0.0000 | 0.00 |
| 6.2 | Corridor Development Data: | | |
| | Length: | 138.3400 | 0.0000 |
| 6.4 | Miander Migration: | Multiple | |
| | | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | Low | 717.0999756 |
| | Bank Height: | Medium | 6.750 |

Reach: **M05T2.01**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|---------------------------|-------------------|----------------|
| 3.1 | Alluvial Fan: | None | |
| 3.2 | Grade Control: | None | |
| 4.3 | Buffer Less Than 25 ft | <u>Left</u> | <u>Right</u> |
| | | 3678 | 2620 |
| 5.1 | Flow Regulation - Type: | None | |
| | Use: | | |
| 5.2 | # of Bridges or Culverts: | 5 | |
| | Total Length: | 671.220 | |
| 5.3 | Armoring Length | <u>Left</u> | <u>Right</u> |
| | | 0.00000 | 0.00000 |
| | Data Armoring: | None | |
| 5.4 | Straightening Length: | 2656.41992 | |
| | Straightening Data: | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|----------------------------|----------------------|-------------------|
| 5.5 | Dredging History: | Dredging | |
| 6.1 | Berms & Roads Data: | <u>One Side</u> | <u>Both Sides</u> |
| | Berms & Roads: | 1014.0500 | 0.0000 |
| | Berm: | | |
| | Path: | | |
| | Road: | 1014.0500 | |
| | Railroad: | | |
| 6.2 | Corridor Development Data: | | |
| | Length: | 870.1700 | 1062.4199 |
| 6.4 | Miander Migration: | Not Evaluated | |
| | | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | None | |
| | Bank Height: | N.D. | |



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Reach: **M05T2.02**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|---------------------------|-------------------|----------------|
| 3.1 | Alluvial Fan: | Yes | |
| 3.2 | Grade Control: | None | |
| 4.3 | Buffer Less Than 25 ft | <u>Left</u> | <u>Right</u> |
| | | 2543 | 3417 |
| 5.1 | Flow Regulation - Type: | None | |
| | Use: | | |
| 5.2 | # of Bridges or Culverts: | 9 | |
| | Total Length: | 986.060 | |
| 5.3 | Armoring Length | <u>Left</u> | <u>Right</u> |
| | | 0.00000 | 0.00000 |
| | Data Armoring: | None | |
| 5.4 | Straightening Length: | 3031.88989 | |
| | Straightening Data: | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|----------------------------|----------------------|-------------------|
| 5.5 | Dredging History: | Dredging | |
| 6.1 | Berms & Roads Data: | <u>One Side</u> | <u>Both Sides</u> |
| | Berms & Roads: | 1243.0000 | 0.0000 |
| | Berm: | | |
| | Path: | | |
| | Road: | 380.5400 | |
| | Railroad: | 862.4600 | |
| 6.2 | Corridor Development Data: | | |
| | Length: | 1554.6901 | 2276.0100 |
| 6.4 | Miander Migration: | Not Evaluated | |
| | | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | None | |
| | Bank Height: | N.D. | |

Reach: **M05T2.03**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|---------------------------|----------------|----------------|
| 3.1 | Alluvial Fan: | None | |
| 3.2 | Grade Control: | None | |
| 4.3 | Buffer Less Than 25 ft | <u>Left</u> | <u>Right</u> |
| | | 1425 | 0 |
| 5.1 | Flow Regulation - Type: | None | |
| | Use: | | |
| 5.2 | # of Bridges or Culverts: | 0 | |
| | Total Length: | 0.000 | |
| 5.3 | Armoring Length | <u>Left</u> | <u>Right</u> |
| | | 0.00000 | 0.00000 |
| | Data Armoring: | None | |
| 5.4 | Straightening Length: | 0.00000 | |
| | Straightening Data: | None | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|----------------------------|----------------------|-------------------|
| 5.5 | Dredging History: | None | |
| 6.1 | Berms & Roads Data: | <u>One Side</u> | <u>Both Sides</u> |
| | Berms & Roads: | 2621.4099 | 0.0000 |
| | Berm: | | |
| | Path: | | |
| | Road: | 2621.4099 | |
| | Railroad: | | |
| 6.2 | Corridor Development Data: | | |
| | Length: | 440.1000 | 225.0300 |
| 6.4 | Miander Migration: | Not Evaluated | |
| | | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | None | |
| | Bank Height: | N.D. | |



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Reach: **M05T2.04**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|---------------------------|----------------|----------------|
| 3.1 | Alluvial Fan: | None | |
| 3.2 | Grade Control: | None | |
| 4.3 | Buffer Less Than 25 ft | <u>Left</u> | <u>Right</u> |
| | | 2703 | 4561 |
| 5.1 | Flow Regulation - Type: | None | |
| | Use: | | |
| 5.2 | # of Bridges or Culverts: | 6 | |
| | Total Length: | 681.980 | |
| 5.3 | Armoring Length | <u>Left</u> | <u>Right</u> |
| | | 0.00000 | 0.00000 |
| | Data Armoring: | None | |
| 5.4 | Straightening Length: | 0.00000 | |
| | Straightening Data: | None | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|----------------------------|----------------------|-------------------|
| 5.5 | Dredging History: | None | |
| 6.1 | Berms & Roads Data: | <u>One Side</u> | <u>Both Sides</u> |
| | Berms & Roads: | 166.6500 | 0.0000 |
| | Berm: | | |
| | Path: | | |
| | Road: | 166.6500 | |
| | Railroad: | | |
| 6.2 | Corridor Development Data: | | |
| | Length: | 2231.3999 | 947.3300 |
| 6.4 | Miander Migration: | Not Evaluated | |
| | | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | None | |
| | Bank Height: | N.D. | |

Reach: **M05T2.05**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|---------------------------|----------------|----------------|
| 3.1 | Alluvial Fan: | None | |
| 3.2 | Grade Control: | None | |
| 4.3 | Buffer Less Than 25 ft | <u>Left</u> | <u>Right</u> |
| | | 2707 | 3510 |
| 5.1 | Flow Regulation - Type: | None | |
| | Use: | | |
| 5.2 | # of Bridges or Culverts: | 3 | |
| | Total Length: | 203.090 | |
| 5.3 | Armoring Length | <u>Left</u> | <u>Right</u> |
| | | 0.00000 | 0.00000 |
| | Data Armoring: | None | |
| 5.4 | Straightening Length: | 0.00000 | |
| | Straightening Data: | None | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|----------------------------|----------------------|-------------------|
| 5.5 | Dredging History: | None | |
| 6.1 | Berms & Roads Data: | <u>One Side</u> | <u>Both Sides</u> |
| | Berms & Roads: | 0.0000 | 0.0000 |
| | Berm: | | |
| | Path: | | |
| | Road: | | |
| | Railroad: | | |
| 6.2 | Corridor Development Data: | | |
| | Length: | 587.9500 | 0.0000 |
| 6.4 | Miander Migration: | Not Evaluated | |
| | | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | None | |
| | Bank Height: | N.D. | |



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Reach: **M05T2.01S1.01**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|---------------------------|-----------------|----------------|
| 3.1 | Alluvial Fan: | None | |
| 3.2 | Grade Control: | None | |
| 4.3 | Buffer Less Than 25 ft | <u>Left</u> | <u>Right</u> |
| | | 2344 | 2813 |
| 5.1 | Flow Regulation - Type: | None | |
| | Use: | | |
| 5.2 | # of Bridges or Culverts: | 14 | |
| | Total Length: | 1598.140 | |
| 5.3 | Armoring Length | <u>Left</u> | <u>Right</u> |
| | | 0.00000 | 0.00000 |
| | Data Armoring: | None | |
| 5.4 | Straightening Length: | 0.00000 | |
| | Straightening Data: | None | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|----------------------------|----------------------|-------------------|
| 5.5 | Dredging History: | None | |
| 6.1 | Berms & Roads Data: | <u>One Side</u> | <u>Both Sides</u> |
| | Berms & Roads: | 0.0000 | 0.0000 |
| | Berm: | | |
| | Path: | | |
| | Road: | | |
| | Railroad: | | |
| 6.2 | Corridor Development Data: | | |
| | Length: | 2234.8101 | 213.4600 |
| 6.4 | Miander Migration: | Not Evaluated | |
| | | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | None | |
| | Bank Height: | N.D. | |

Reach: **M02T1.01**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|---------------------------|-------------------|----------------|
| 3.1 | Alluvial Fan: | None | |
| 3.2 | Grade Control: | None | |
| 4.3 | Buffer Less Than 25 ft | <u>Left</u> | <u>Right</u> |
| | | 2690 | 5870 |
| 5.1 | Flow Regulation - Type: | | |
| | Use: | | |
| 5.2 | # of Bridges or Culverts: | 8 | |
| | Total Length: | 3893.240 | |
| 5.3 | Armoring Length | <u>Left</u> | <u>Right</u> |
| | | 0.00000 | 0.00000 |
| | Data Armoring: | None | |
| 5.4 | Straightening Length: | 7112.41016 | |
| | Straightening Data: | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|----------------------------|----------------------|-------------------|
| 5.5 | Dredging History: | Dredging | |
| 6.1 | Berms & Roads Data: | <u>One Side</u> | <u>Both Sides</u> |
| | Berms & Roads: | 5822.3701 | 0.0000 |
| | Berm: | | |
| | Path: | | |
| | Road: | 5822.3701 | |
| | Railroad: | | |
| 6.2 | Corridor Development Data: | | |
| | Length: | 3034.2400 | 2119.4800 |
| 6.4 | Miander Migration: | Not Evaluated | |
| | | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | None | |
| | Bank Height: | N.D. | |



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Reach: **M02T1.03**

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

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|----------------------------|----------------------|-------------------|
| 5.5 | Dredging History: | None | |
| 6.1 | Berms & Roads Data: | None | |
| | | <u>One Side</u> | <u>Both Sides</u> |
| | Berms & Roads: | | |
| | Berm: | | |
| | Path: | | |
| | Road: | | |
| | Railroad: | | |
| 6.2 | Corridor Development Data: | | |
| | Length: | 0.0000 | 0.0000 |
| 6.4 | Miander Migration: | Not Evaluated | |
| | | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | N.E. | |
| | Bank Height: | N.E. | |

Reach: **M02T1.04**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|---------------------------|-------------------|----------------|
| 3.1 | Alluvial Fan: | None | |
| 3.2 | Grade Control: | None | |
| 4.3 | Buffer Less Than 25 ft | <u>Left</u> | <u>Right</u> |
| | | 1349 | 1116 |
| 5.1 | Flow Regulation - Type: | | |
| | Use: | | |
| 5.2 | # of Bridges or Culverts: | 3 | |
| | Total Length: | 441.240 | |
| 5.3 | Armoring Length | <u>Left</u> | <u>Right</u> |
| | | 0.00000 | 0.00000 |
| | Data Armoring: | None | |
| 5.4 | Straightening Length: | 1705.91003 | |
| | Straightening Data: | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|----------------------------|----------------------|-------------------|
| 5.5 | Dredging History: | Dredging | |
| 6.1 | Berms & Roads Data: | None | |
| | | <u>One Side</u> | <u>Both Sides</u> |
| | Berms & Roads: | 0.0000 | 0.0000 |
| | Berm: | | |
| | Path: | | |
| | Road: | | |
| | Railroad: | | |
| 6.2 | Corridor Development Data: | | |
| | Length: | 812.9000 | 785.0700 |
| 6.4 | Miander Migration: | Not Evaluated | |
| | | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | None | |
| | Bank Height: | N.D. | |



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Reach: **M02T1.05**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|---------------------------|-------------------|----------------|
| 3.1 | Alluvial Fan: | None | |
| 3.2 | Grade Control: | None | |
| 4.3 | Buffer Less Than 25 ft | <u>Left</u> | <u>Right</u> |
| | | 1102 | 827 |
| 5.1 | Flow Regulation - Type: | None | |
| | Use: | | |
| 5.2 | # of Bridges or Culverts: | 6 | |
| | Total Length: | 435.290 | |
| 5.3 | Armoring Length | <u>Left</u> | <u>Right</u> |
| | | 0.00000 | 0.00000 |
| | Data Armoring: | None | |
| 5.4 | Straightening Length: | 2360.37012 | |
| | Straightening Data: | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|----------------------------|----------------------|-------------------|
| 5.5 | Dredging History: | Dredging | |
| 6.1 | Berms & Roads Data: | <u>One Side</u> | <u>Both Sides</u> |
| | Berms & Roads: | 7339.9399 | 0.0000 |
| | Berm: | | |
| | Path: | | |
| | Road: | 2280.5100 | |
| | Railroad: | 5059.4297 | |
| 6.2 | Corridor Development Data: | | |
| | Length: | 642.2400 | 254.3300 |
| 6.4 | Miander Migration: | Not Evaluated | |
| | | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | None | |
| | Bank Height: | N.D. | |

Reach: **M01S1.01**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|---------------------------|----------------|----------------|
| 3.1 | Alluvial Fan: | None | |
| 3.2 | Grade Control: | None | |
| 4.3 | Buffer Less Than 25 ft | <u>Left</u> | <u>Right</u> |
| | | 793 | 737 |
| 5.1 | Flow Regulation - Type: | None | |
| | Use: | | |
| 5.2 | # of Bridges or Culverts: | 3 | |
| | Total Length: | 379.380 | |
| 5.3 | Armoring Length | <u>Left</u> | <u>Right</u> |
| | | 0.00000 | 0.00000 |
| | Data Armoring: | None | |
| 5.4 | Straightening Length: | 0.00000 | |
| | Straightening Data: | None | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|----------------------------|----------------------|-------------------|
| 5.5 | Dredging History: | None | |
| 6.1 | Berms & Roads Data: | <u>One Side</u> | <u>Both Sides</u> |
| | Berms & Roads: | 1835.4000 | 0.0000 |
| | Berm: | | |
| | Path: | | |
| | Road: | 1835.4000 | |
| | Railroad: | | |
| 6.2 | Corridor Development Data: | | |
| | Length: | 1308.0000 | 420.7500 |
| 6.4 | Miander Migration: | Not Evaluated | |
| | | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | None | |
| | Bank Height: | N.D. | |



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Reach: **M01S1.02**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|---------------------------|----------------|----------------|
| 3.1 | Alluvial Fan: | None | |
| 3.2 | Grade Control: | None | |
| 4.3 | Buffer Less Than 25 ft | <u>Left</u> | <u>Right</u> |
| | | 690 | 537 |
| 5.1 | Flow Regulation - Type: | None | |
| | Use: | | |
| 5.2 | # of Bridges or Culverts: | 4 | |
| | Total Length: | 485.590 | |
| 5.3 | Armoring Length | <u>Left</u> | <u>Right</u> |
| | | 0.00000 | 0.00000 |
| | Data Armoring: | None | |
| 5.4 | Straightening Length: | 0.00000 | |
| | Straightening Data: | None | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|----------------------------|----------------------|-------------------|
| 5.5 | Dredging History: | None | |
| 6.1 | Berms & Roads Data: | <u>One Side</u> | <u>Both Sides</u> |
| | Berms & Roads: | 2291.5801 | 0.0000 |
| | Berm: | | |
| | Path: | | |
| | Road: | 2291.5801 | |
| | Railroad: | | |
| 6.2 | Corridor Development Data: | | |
| | Length: | 793.8900 | 0.0000 |
| 6.4 | Miander Migration: | Not Evaluated | |
| | | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | None | |
| | Bank Height: | N.D. | |

Reach: **M01S1.01S1.01**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|---------------------------|----------------|----------------|
| 3.1 | Alluvial Fan: | None | |
| 3.2 | Grade Control: | None | |
| 4.3 | Buffer Less Than 25 ft | <u>Left</u> | <u>Right</u> |
| | | 1347 | 1064 |
| 5.1 | Flow Regulation - Type: | None | |
| | Use: | | |
| 5.2 | # of Bridges or Culverts: | 4 | |
| | Total Length: | 516.440 | |
| 5.3 | Armoring Length | <u>Left</u> | <u>Right</u> |
| | | 0.00000 | 0.00000 |
| | Data Armoring: | None | |
| 5.4 | Straightening Length: | 0.00000 | |
| | Straightening Data: | None | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|----------------------------|----------------------|-------------------|
| 5.5 | Dredging History: | None | |
| 6.1 | Berms & Roads Data: | <u>One Side</u> | <u>Both Sides</u> |
| | Berms & Roads: | 4938.2803 | 0.0000 |
| | Berm: | | |
| | Path: | | |
| | Road: | 4938.2803 | |
| | Railroad: | | |
| 6.2 | Corridor Development Data: | | |
| | Length: | 332.9200 | 0.0000 |
| 6.4 | Miander Migration: | Not Evaluated | |
| | | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | None | |
| | Bank Height: | N.D. | |



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Reach: **M01S2.01**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|--|--------------|--------------|
| 3.1 | Alluvial Fan: | | |
| 3.2 | Grade Control: | | |
| 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> |
| 5.4 | Data Armoring: Straightening Length: Straightening Data: | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|----------------------------|-----------------|-------------------|
| 5.5 | Dredging History: | | |
| 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: | | |
| | | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | | |
| | Bank Height: | | |

Reach: **M01S2.02**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|--|--------------|--------------|
| 3.1 | Alluvial Fan: | | |
| 3.2 | Grade Control: | | |
| 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> |
| 5.4 | Data Armoring: Straightening Length: Straightening Data: | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|----------------------------|-----------------|-------------------|
| 5.5 | Dredging History: | | |
| 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: | | |
| | | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | | |
| | Bank Height: | | |



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Reach: **M01S2.03**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|--|--------------|--------------|
| 3.1 | Alluvial Fan: | | |
| 3.2 | Grade Control: | | |
| 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: | | |
| 5.4 | Straightening Length: Straightening Data: | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|----------------------------|-----------------|-------------------|
| 5.5 | Dredging History: | | |
| 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: | | |
| | | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | | |
| | Bank Height: | | |

Reach: **M01S2.04**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|--|--------------|--------------|
| 3.1 | Alluvial Fan: | | |
| 3.2 | Grade Control: | | |
| 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: | | |
| 5.4 | Straightening Length: Straightening Data: | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|----------------------------|-----------------|-------------------|
| 5.5 | Dredging History: | | |
| 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: | | |
| | | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | | |
| | Bank Height: | | |



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Reach: **M01S2.03S1.01**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|--|--------------|--------------|
| 3.1 | Alluvial Fan: | | |
| 3.2 | Grade Control: | | |
| 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> |
| 5.4 | Data Armoring: Straightening Length: Straightening Data: | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|----------------------------|-----------------|-------------------|
| 5.5 | Dredging History: | | |
| 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: | | |
| | | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | | |
| | Bank Height: | | |

Reach: **M01S3.01**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|--|--------------|--------------|
| 3.1 | Alluvial Fan: | | |
| 3.2 | Grade Control: | | |
| 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> |
| 5.4 | Data Armoring: Straightening Length: Straightening Data: | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|----------------------------|-----------------|-------------------|
| 5.5 | Dredging History: | | |
| 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: | | |
| | | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | | |
| | Bank Height: | | |



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Reach: **M01S3.01S2.01**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|--|--------------|--------------|
| 3.1 | Alluvial Fan: | | |
| 3.2 | Grade Control: | | |
| 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> |
| 5.4 | Data Armoring: Straightening Length: Straightening Data: | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|----------------------------|-----------------|-------------------|
| 5.5 | Dredging History: | | |
| 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: | | |
| | | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | | |
| | Bank Height: | | |

Reach: **M01S3.01S1.01**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|--|--------------|--------------|
| 3.1 | Alluvial Fan: | | |
| 3.2 | Grade Control: | | |
| 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> |
| 5.4 | Data Armoring: Straightening Length: Straightening Data: | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|----------------------------|-----------------|-------------------|
| 5.5 | Dredging History: | | |
| 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: | | |
| | | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | | |
| | Bank Height: | | |