



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
July, 17 2024

Phase 1 - FIT - Legacy Data Report

Hubbard Brook

SGAT Version: **4.56**

Reach: **M01**

| <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> |
| | | 234 | 212 |
| 5.1 | Flow Regulation - Type: | None | |
| | Use: | | |
| 5.2 | # of Bridges or Culverts: | 2 | |
| | Total Length: | 65.000 | |
| 5.3 | Armoring Length | <u>Left</u> | <u>Right</u> |
| | | 0.00000 | 0.00000 |
| | Data Armoring: | None | |
| 5.4 | Straightening Length: | 1157.18005 | |
| | 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: | 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: | 0.0000 | 0.0000 |
| 6.4 | Miander Migration: | Multiple | |
| | | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | None | 0.0000000 |
| | Bank Height: | N.D. | 0.000 |

Reach: **M02**

| <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> |
| | | 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> |
| | | 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: | 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: | 0.0000 | 0.0000 |
| 6.4 | Miander Migration: | | |
| | | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | None | 0.0000000 |
| | Bank Height: | N.D. | 0.000 |



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Reach: **M03**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|---------------------------|----------------|----------------|
| 3.1 | Alluvial Fan: | None | |
| 3.2 | Grade Control: | Ledge | |
| 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> |
| | | 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: | 171.2000 | 0.0000 |
| | Berm: | 0.0000 | 0.0000 |
| | Path: | 0.000 | 0.000 |
| | Road: | 171.2000 | 0.00000 |
| | Railroad: | 0.0000 | 0.00 |
| 6.2 | Corridor Development Data: | | |
| | Length: | 109.4900 | 0.0000 |
| 6.4 | Miander Migration: | <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> |
| | | 0 | 0 |
| 5.1 | Flow Regulation - Type: | None | |
| | Use: | | |
| 5.2 | # of Bridges or Culverts: | 1 | |
| | Total Length: | 20.000 | |
| 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: | 594.9600 | 0.0000 |
| | Berm: | 0.0000 | 0.0000 |
| | Path: | 0.000 | 0.000 |
| | Road: | 594.9600 | 0.00000 |
| | Railroad: | 0.0000 | 0.00 |
| 6.2 | Corridor Development Data: | | |
| | Length: | 547.5500 | 0.0000 |
| 6.4 | Miander Migration: | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | None | 0.0000000 |
| | Bank Height: | N.D. | 0.000 |



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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> |
| | | 0 | 0 |
| 5.1 | Flow Regulation - Type: | None | |
| | Use: | | |
| 5.2 | # of Bridges or Culverts: | 3 | |
| | Total Length: | 200.000 | |
| 5.3 | Armoring Length | <u>Left</u> | <u>Right</u> |
| | | 0.00000 | 0.00000 |
| | Data Armoring: | None | |
| 5.4 | Straightening Length: | 975.90002 | |
| | 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: | 916.1600 | 0.0000 |
| | Berm: | 0.0000 | 0.0000 |
| | Path: | 0.000 | 0.000 |
| | Road: | 916.1600 | 0.00000 |
| | Railroad: | 0.0000 | 0.00 |
| 6.2 | Corridor Development Data: | | |
| | Length: | 571.3600 | 0.0000 |
| 6.4 | Miander Migration: | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | None | 0.0000000 |
| | Bank Height: | N.D. | 0.000 |

Reach: **M06**

| <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> |
| | | 304 | 596 |
| 5.1 | Flow Regulation - Type: | None | |
| | Use: | | |
| 5.2 | # of Bridges or Culverts: | 3 | |
| | Total Length: | 220.000 | |
| 5.3 | Armoring Length | <u>Left</u> | <u>Right</u> |
| | | 0.00000 | 0.00000 |
| | Data Armoring: | None | |
| 5.4 | Straightening Length: | 176.64000 | |
| | 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: | 3476.3201 | 145.6800 |
| | Berm: | 0.0000 | 0.0000 |
| | Path: | 0.000 | 0.000 |
| | Road: | 3476.3201 | 145.67999 |
| | Railroad: | 0.0000 | 0.00 |
| 6.2 | Corridor Development Data: | | |
| | Length: | 729.0700 | 0.0000 |
| 6.4 | Miander Migration: | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | None | 0.0000000 |
| | Bank Height: | N.D. | 0.000 |



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Reach: **M07**

| <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> |
| | | 327 | 0 |
| 5.1 | Flow Regulation - Type: | None | |
| | Use: | | |
| 5.2 | # of Bridges or Culverts: | 1 | |
| | Total Length: | 45.000 | |
| 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: | 720.0000 | 0.0000 |
| | Berm: | 0.0000 | 0.0000 |
| | Path: | 0.000 | 0.000 |
| | Road: | 720.0000 | 0.00000 |
| | Railroad: | 0.0000 | 0.00 |
| 6.2 | Corridor Development Data: | | |
| | Length: | 388.6600 | 0.0000 |
| 6.4 | Miander Migration: | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | None | 0.0000000 |
| | Bank Height: | N.D. | 0.000 |

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> |
| | | 43 | 467 |
| 5.1 | Flow Regulation - Type: | None | |
| | Use: | | |
| 5.2 | # of Bridges or Culverts: | 3 | |
| | Total Length: | 105.000 | |
| 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: | 1414.5000 | 0.0000 |
| | Berm: | 0.0000 | 0.0000 |
| | Path: | 0.000 | 0.000 |
| | Road: | 1414.5000 | 0.00000 |
| | Railroad: | 0.0000 | 0.00 |
| 6.2 | Corridor Development Data: | | |
| | Length: | 1105.0400 | 0.0000 |
| 6.4 | Miander Migration: | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | None | 0.0000000 |
| | Bank Height: | N.D. | 0.000 |



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Reach: **T4.01**

| <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> |
| | | 676 | 1261 |
| 5.1 | Flow Regulation - Type: | None | |
| | Use: | | |
| 5.2 | # of Bridges or Culverts: | 5 | |
| | Total Length: | 140.000 | |
| 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: | 1824.2900 | 0.0000 |
| | Berm: | 0.0000 | 0.0000 |
| | Path: | 0.000 | 0.000 |
| | Road: | 1824.2900 | 0.00000 |
| | Railroad: | 0.0000 | 0.00 |
| 6.2 | Corridor Development Data: | | |
| | Length: | 754.3300 | 0.0000 |
| 6.4 | Miander Migration: | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | None | 496.2399902 |
| | Bank Height: | N.D. | 3.000 |

Reach: **M09**

| <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> |
| | | 0 | 328 |
| 5.1 | Flow Regulation - Type: | None | |
| | Use: | | |
| 5.2 | # of Bridges or Culverts: | 5 | |
| | Total Length: | 385.000 | |
| 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: | 5452.4497 | 0.0000 |
| | Berm: | 0.0000 | 0.0000 |
| | Path: | 0.000 | 0.000 |
| | Road: | 5452.4497 | 0.00000 |
| | Railroad: | 0.0000 | 0.00 |
| 6.2 | Corridor Development Data: | | |
| | Length: | 149.5800 | 0.0000 |
| 6.4 | Miander Migration: | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | None | 997.1099854 |
| | Bank Height: | N.D. | 3.000 |



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Reach: **M10**

| <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> |
| | | 0 | 350 |
| 5.1 | Flow Regulation - Type: | Large Run of River | |
| | Use: | Other | |
| 5.2 | # of Bridges or Culverts: | 2 | |
| | Total Length: | 45.000 | |
| 5.3 | Armoring Length | <u>Left</u> | <u>Right</u> |
| | | 0.00000 | 0.00000 |
| | Data Armoring: | None | |
| 5.4 | Straightening Length: | 671.40997 | |
| | 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: | 33.0000 | 0.0000 |
| | Berm: | 0.0000 | 0.0000 |
| | Path: | 0.000 | 0.000 |
| | Road: | 33.0000 | 0.00000 |
| | Railroad: | 0.0000 | 0.00 |
| 6.2 | Corridor Development Data: | | |
| | Length: | 224.9800 | 0.0000 |
| 6.4 | Miander Migration: | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | None | 0.0000000 |
| | Bank Height: | N.D. | 0.000 |

Reach: **T3.01**

| <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> |
| | | 0 | 0 |
| 5.1 | Flow Regulation - Type: | Large Run of River | |
| | Use: | Other | |
| 5.2 | # of Bridges or Culverts: | 2 | |
| | Total Length: | 50.000 | |
| 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: | 313.1300 | 0.0000 |
| | Berm: | 0.0000 | 0.0000 |
| | Path: | 0.000 | 0.000 |
| | Road: | 313.1300 | 0.00000 |
| | Railroad: | 0.0000 | 0.00 |
| 6.2 | Corridor Development Data: | | |
| | Length: | 0.0000 | 0.0000 |
| 6.4 | Miander Migration: | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | None | 0.0000000 |
| | Bank Height: | N.D. | 0.000 |



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Reach: **T2.01**

| <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> |
| | | 1106 | 0 |
| 5.1 | Flow Regulation - Type: | None | |
| | Use: | | |
| 5.2 | # of Bridges or Culverts: | 1 | |
| | Total Length: | 100.000 | |
| 5.3 | Armoring Length | <u>Left</u> | <u>Right</u> |
| | | 1045.26 | 0.00000 |
| | | 001 | |
| | Data Armoring: | | |
| 5.4 | Straightening Length: | 999.27002 | |
| | 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: | 1085.2600 | 0.0000 |
| | Berm: | 0.0000 | 0.0000 |
| | Path: | 0.000 | 0.000 |
| | Road: | 1085.2600 | 0.00000 |
| | Railroad: | 0.0000 | 0.00 |
| 6.2 | Corridor Development Data: | | |
| | Length: | 0.0000 | 0.0000 |
| 6.4 | Miander Migration: | | |
| | | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | None | 0.0000000 |
| | Bank Height: | N.D. | 0.000 |

Reach: **T2.02**

| <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> |
| | | 1604 | 2790 |
| 5.1 | Flow Regulation - Type: | None | |
| | Use: | | |
| 5.2 | # of Bridges or Culverts: | 1 | |
| | Total Length: | 20.000 | |
| 5.3 | Armoring Length | <u>Left</u> | <u>Right</u> |
| | | 0.00000 | 0.00000 |
| | Data Armoring: | None | |
| 5.4 | Straightening Length: | 640.51001 | |
| | 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: | 159.0500 | 0.0000 |
| | Berm: | 0.0000 | 0.0000 |
| | Path: | 0.000 | 0.000 |
| | Road: | 159.0500 | 0.00000 |
| | Railroad: | 0.0000 | 0.00 |
| 6.2 | Corridor Development Data: | | |
| | Length: | 0.0000 | 0.0000 |
| 6.4 | Miander Migration: | | |
| | | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | None | 0.0000000 |
| | Bank Height: | N.D. | 0.000 |



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Reach: **T2.03**

| <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> |
| | | 340 | 453 |
| 5.1 | Flow Regulation - Type: | None | |
| | Use: | | |
| 5.2 | # of Bridges or Culverts: | 1 | |
| | Total Length: | 30.000 | |
| 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: | 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: | 0.0000 | 0.0000 |
| 6.4 | Miander Migration: | | |
| | | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | None | 0.0000000 |
| | Bank Height: | N.D. | 0.000 |

Reach: **M6-S1.01**

| <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> |
| | | 1115 | 373 |
| 5.1 | Flow Regulation - Type: | None | |
| | Use: | | |
| 5.2 | # of Bridges or Culverts: | 1 | |
| | Total Length: | 40.000 | |
| 5.3 | Armoring Length | <u>Left</u> | <u>Right</u> |
| | | 0.00000 | 0.00000 |
| | Data Armoring: | None | |
| 5.4 | Straightening Length: | 1561.08997 | |
| | 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: | 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: | 523.6500 | 0.0000 |
| 6.4 | Miander Migration: | | |
| | | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | None | 0.0000000 |
| | Bank Height: | N.D. | 0.000 |



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Reach: **T1.01**

| <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 | 0 |
| 5.1 | Flow Regulation - Type: | None | |
| | Use: | | |
| 5.2 | # of Bridges or Culverts: | 5 | |
| | Total Length: | 235.000 | |
| 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: | 1234.8000 | 0.0000 |
| | Berm: | 0.0000 | 0.0000 |
| | Path: | 155.490 | 0.000 |
| | Road: | 1079.3101 | 0.00000 |
| | Railroad: | 0.0000 | 0.00 |
| 6.2 | Corridor Development Data: | | |
| | Length: | 0.0000 | 0.0000 |
| 6.4 | Miander Migration: | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | None | 0.0000000 |
| | Bank Height: | N.D. | 0.000 |

Reach: **T1.02**

| <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 | 0 |
| 5.1 | Flow Regulation - Type: | None | |
| | Use: | | |
| 5.2 | # of Bridges or Culverts: | 1 | |
| | Total Length: | 15.000 | |
| 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: | 1578.3101 | 0.0000 |
| | Berm: | 0.0000 | 0.0000 |
| | Path: | 0.000 | 0.000 |
| | Road: | 1578.3101 | 0.00000 |
| | Railroad: | 0.0000 | 0.00 |
| 6.2 | Corridor Development Data: | | |
| | Length: | 0.0000 | 0.0000 |
| 6.4 | Miander Migration: | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | None | 0.0000000 |
| | Bank Height: | N.D. | 0.000 |



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Reach: **T1.03**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|---------------------------|---------------------------|----------------|
| 3.1 | Alluvial Fan: | Yes | |
| 3.2 | Grade Control: | Dam | |
| 4.3 | Buffer Less Than 25 ft | <u>Left</u> | <u>Right</u> |
| | | 717 | 692 |
| 5.1 | Flow Regulation - Type: | Large Run of River | |
| | Use: | Other | |
| 5.2 | # of Bridges or Culverts: | 2 | |
| | Total Length: | 60.000 | |
| 5.3 | Armoring Length | <u>Left</u> | <u>Right</u> |
| | | 0.00000 | 0.00000 |
| | Data Armoring: | None | |
| 5.4 | Straightening Length: | 707.46002 | |
| | 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: | 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: | 0.0000 | 0.0000 |
| 6.4 | Miander Migration: | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | None | 0.0000000 |
| | Bank Height: | N.D. | 0.000 |

Reach: **T1.04**

| <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> |
| | | 314 | 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: | 915.0300 | 0.0000 |
| | Berm: | 0.0000 | 0.0000 |
| | Path: | 915.030 | 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: | <u>Old</u> | <u>New</u> |
| 7.2 | Bank Erosion: | None | 0.0000000 |
| | Bank Height: | N.D. | 0.000 |