



Phase 2 - FIT - Legacy Data Report

Blood Brook

SGAT Version: 4.53

Reach: **M08 -C**

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|--------------------------------|----------------------------|
| 1.2 | Alluvial Fan: | None |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> <u>Both</u> |
| | Berm Length (ft.): | 0.0 0.0 |
| | Path Length (ft.): | 0.0 0.0 |
| | Road Length (ft.): | 1,045.3 0.0 |
| | Railroad Lenth (ft.): | 0.0 0.0 |
| | Development Length: | 235.6 0.0 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> <u>Right</u> |
| | Erosion Length (ft.): | 176.8 165.7 |
| | Erosion Height (ft.): | 2.3 2.9 |
| | Revetment Type: | Rip-Rap None |
| | Revetment length: | 242.0 0.0 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | 0 0 |
| 3.3 | <u>Riparian Corridor</u> | |
| | Mass Failures: | None |
| | Average Height (ft.): | |
| | Gullies: | None |
| | Average Height (ft.): | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|-----------------------------|----------------------|
| 4.4 | Number of Debris Jams: | 6 |
| 4.7 | Stormwater Inputs | 4 |
| 4.9 | Beaver Dams: | 0 |
| | Affected length: | 0 |
| 5.2 | Migration Features | |
| | Flood Chutes: | 1 |
| | Neck Cutoffs: | 0 |
| | Channel Avulsions: | 0 |
| | Braiding: | 0 |
| 5.3 | Steep Riffles and Head Cuts | |
| | Steep Riffles: | 11 |
| | Head Cuts: | 5 |
| 5.4 | Animal Crossings: | Yes |
| 5.5 | Channel Alterations | |
| | Straightening: | Straightening |
| | Dredging: | None |



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Reach: **M05 -B**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|--------------------------------|----------------|----------------|
| 1.2 | Alluvial Fan: | None | |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> | <u>Both</u> |
| | Berm Length (ft.): | 317.4 | 119.4 |
| | Path Length (ft.): | 0.0 | 0.0 |
| | Road Length (ft.): | 0.0 | 0.0 |
| | Railroad Lenth (ft.): | 0.0 | 0.0 |
| | Development Length: | 564.8 | 147.7 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | 623.4 | 183.1 |
| | Erosion Height (ft.): | 4.8 | 5.0 |
| | Revetment Type: | Rip-Rap | Rip-Rap |
| | Revetment length: | 681.0 | 238.0 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | 0 | 0 |
| 3.3 | <u>Riparian Corridor</u> | | |
| | Mass Failures: | None | |
| | Average Height (ft.): | | |
| | Gullies: | None | |
| | Average Height (ft.): | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|-----------------------------|----------------------|
| 4.4 | Number of Debris Jams: | 4 |
| 4.7 | Stormwater Inputs | 1 |
| 4.9 | Beaver Dams: | 0 |
| | Affected length: | 0 |
| 5.2 | Migration Features | |
| | Flood Chutes: | 2 |
| | Neck Cutoffs: | 0 |
| | Channel Avulsions: | 0 |
| | Braiding: | 0 |
| 5.3 | Steep Riffles and Head Cuts | |
| | Steep Riffles: | 1 |
| | Head Cuts: | 3 |
| 5.4 | Animal Crossings: | No |
| 5.5 | Channel Alterations | |
| | Straightening: | Straightening |
| | Dredging: | None |



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Reach: **M05-T3.01 -0**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|--------------------------------|-----------------|----------------|
| 1.2 | Alluvial Fan: | None | |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> | <u>Both</u> |
| | Berm Length (ft.): | 6.8 | 0.0 |
| | Path Length (ft.): | 0.0 | 0.0 |
| | Road Length (ft.): | 3,291.4 | 0.0 |
| | Railroad Lenth (ft.): | 0.0 | 0.0 |
| | Development Length: | 0.0 | 1,176.6 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | 60.7 | 607.3 |
| | Erosion Height (ft.): | 3.4 | 6.1 |
| | Revetment Type: | Rip-Rap | Rip-Rap |
| | Revetment length: | 356.2 | 448.1 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | 0 | 0 |
| 3.3 | <u>Riparian Corridor</u> | | |
| | Mass Failures: | Multiple | |
| | Average Height (ft.): | 25.0 | |
| | Gullies: | None | |
| | Average Height (ft.): | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|-----------------------------|----------------------|
| 4.4 | Number of Debris Jams: | 5 |
| 4.7 | Stormwater Inputs | 1 |
| 4.9 | Beaver Dams: | 0 |
| | Affected length: | 0 |
| 5.2 | Migration Features | |
| | Flood Chutes: | 3 |
| | Neck Cutoffs: | 0 |
| | Channel Avulsions: | 0 |
| | Braiding: | 0 |
| 5.3 | Steep Riffles and Head Cuts | |
| | Steep Riffles: | 0 |
| | Head Cuts: | 7 |
| 5.4 | Animal Crossings: | No |
| 5.5 | Channel Alterations | |
| | Straightening: | Straightening |
| | Dredging: | None |



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Reach: **M05-T3.02 -0**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|--------------------------------|--------------|--------------|
| 1.2 | Alluvial Fan: | None | |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> | <u>Both</u> |
| | Berm Length (ft.): | 0.0 | 0.0 |
| | Path Length (ft.): | 0.0 | 0.0 |
| | Road Length (ft.): | 432.4 | 0.0 |
| | Railroad Lenth (ft.): | 0.0 | 0.0 |
| | Development Length: | 0.0 | 396.0 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | 0.0 | 0.0 |
| | Erosion Height (ft.): | 0.0 | 0.0 |
| | Revetment Type: | None | None |
| | Revetment length: | 0.0 | 0.0 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | 0 | 0 |
| 3.3 | <u>Riparian Corridor</u> | | |
| | Mass Failures: | None | |
| | Average Height (ft.): | | |
| | Gullies: | None | |
| | Average Height (ft.): | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|-----------------------------|--------------|
| 4.4 | Number of Debris Jams: | 0 |
| 4.7 | Stormwater Inputs | 0 |
| 4.9 | Beaver Dams: | 0 |
| | Affected length: | 0 |
| 5.2 | Migration Features | |
| | Flood Chutes: | 0 |
| | Neck Cutoffs: | 0 |
| | Channel Avulsions: | 0 |
| | Braiding: | 0 |
| 5.3 | Steep Riffles and Head Cuts | |
| | Steep Riffles: | 0 |
| | Head Cuts: | 0 |
| 5.4 | Animal Crossings: | No |
| 5.5 | Channel Alterations | |
| | Straightening: | None |
| | Dredging: | None |



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Reach: **M05 -A**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|--------------------------------|-----------------|----------------|
| 1.2 | Alluvial Fan: | None | |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> | <u>Both</u> |
| | Berm Length (ft.): | 389.6 | 0.0 |
| | Path Length (ft.): | 0.0 | 0.0 |
| | Road Length (ft.): | 0.0 | 0.0 |
| | Railroad Lenth (ft.): | 0.0 | 0.0 |
| | Development Length: | 210.6 | 58.6 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | 276.0 | 364.1 |
| | Erosion Height (ft.): | 4.1 | 3.3 |
| | Revetment Type: | Rip-Rap | Rip-Rap |
| | Revetment length: | 55.0 | 75.4 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | 0 | 0 |
| 3.3 | <u>Riparian Corridor</u> | | |
| | Mass Failures: | Multiple | |
| | Average Height (ft.): | 28.7 | |
| | Gullies: | None | |
| | Average Height (ft.): | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|-----------------------------|----------------------|
| 4.4 | Number of Debris Jams: | 5 |
| 4.7 | Stormwater Inputs | 0 |
| 4.9 | Beaver Dams: | 0 |
| | Affected length: | 0 |
| 5.2 | Migration Features | |
| | Flood Chutes: | 4 |
| | Neck Cutoffs: | 0 |
| | Channel Avulsions: | 0 |
| | Braiding: | 0 |
| 5.3 | Steep Riffles and Head Cuts | |
| | Steep Riffles: | 6 |
| | Head Cuts: | 1 |
| 5.4 | Animal Crossings: | Yes |
| 5.5 | Channel Alterations | |
| | Straightening: | Straightening |
| | Dredging: | None |



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Reach: **M03 -B**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|--------------------------------|----------------|----------------|
| 1.2 | Alluvial Fan: | None | |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> | <u>Both</u> |
| | Berm Length (ft.): | 0.0 | 0.0 |
| | Path Length (ft.): | 0.0 | 0.0 |
| | Road Length (ft.): | 410.8 | 0.0 |
| | Railroad Lenth (ft.): | 0.0 | 0.0 |
| | Development Length: | 497.4 | 1,289.9 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | 715.2 | 134.1 |
| | Erosion Height (ft.): | 3.6 | 3.0 |
| | Revetment Type: | Rip-Rap | Rip-Rap |
| | Revetment length: | 249.9 | 33.1 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | 0 | 0 |
| 3.3 | <u>Riparian Corridor</u> | | |
| | Mass Failures: | None | |
| | Average Height (ft.): | | |
| | Gullies: | None | |
| | Average Height (ft.): | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|-----------------------------|----------------------|
| 4.4 | Number of Debris Jams: | 1 |
| 4.7 | Stormwater Inputs | 1 |
| 4.9 | Beaver Dams: | 0 |
| | Affected length: | 0 |
| 5.2 | Migration Features | |
| | Flood Chutes: | 4 |
| | Neck Cutoffs: | 0 |
| | Channel Avulsions: | 0 |
| | Braiding: | 0 |
| 5.3 | Steep Riffles and Head Cuts | |
| | Steep Riffles: | 10 |
| | Head Cuts: | 0 |
| 5.4 | Animal Crossings: | No |
| 5.5 | Channel Alterations | |
| | Straightening: | Straightening |
| | Dredging: | None |



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Reach: **M03 -A**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|--------------------------------|----------------|----------------|
| 1.2 | Alluvial Fan: | None | |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> | <u>Both</u> |
| | Berm Length (ft.): | 0.0 | 0.0 |
| | Path Length (ft.): | 0.0 | 0.0 |
| | Road Length (ft.): | 151.6 | 0.0 |
| | Railroad Lenth (ft.): | 0.0 | 0.0 |
| | Development Length: | 75.8 | 0.0 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | 840.5 | 295.6 |
| | Erosion Height (ft.): | 4.3 | 5.0 |
| | Revetment Type: | Rip-Rap | Rip-Rap |
| | Revetment length: | 89.2 | 283.4 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | 0 | 0 |
| 3.3 | <u>Riparian Corridor</u> | | |
| | Mass Failures: | None | |
| | Average Height (ft.): | | |
| | Gullies: | None | |
| | Average Height (ft.): | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|-----------------------------|----------------------|
| 4.4 | Number of Debris Jams: | 5 |
| 4.7 | Stormwater Inputs | 1 |
| 4.9 | Beaver Dams: | 1 |
| | Affected length: | 90 |
| 5.2 | Migration Features | |
| | Flood Chutes: | 2 |
| | Neck Cutoffs: | 0 |
| | Channel Avulsions: | 0 |
| | Braiding: | 0 |
| 5.3 | Steep Riffles and Head Cuts | |
| | Steep Riffles: | 12 |
| | Head Cuts: | 0 |
| 5.4 | Animal Crossings: | No |
| 5.5 | Channel Alterations | |
| | Straightening: | Straightening |
| | Dredging: | None |



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Reach: **M06 -0**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|--------------------------------|-----------------|----------------|
| 1.2 | Alluvial Fan: | None | |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> | <u>Both</u> |
| | Berm Length (ft.): | 222.2 | 0.0 |
| | Path Length (ft.): | 0.0 | 0.0 |
| | Road Length (ft.): | 1,900.8 | 0.0 |
| | Railroad Lenth (ft.): | 0.0 | 0.0 |
| | Development Length: | 826.6 | 1,213.9 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | 312.0 | 336.0 |
| | Erosion Height (ft.): | 4.6 | 5.6 |
| | Revetment Type: | Rip-Rap | Rip-Rap |
| | Revetment length: | 262.4 | 419.4 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | 0 | 0 |
| 3.3 | <u>Riparian Corridor</u> | | |
| | Mass Failures: | Multiple | |
| | Average Height (ft.): | 38.3 | |
| | Gullies: | None | |
| | Average Height (ft.): | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|-----------------------------|----------------------|
| 4.4 | Number of Debris Jams: | 2 |
| 4.7 | Stormwater Inputs | 4 |
| 4.9 | Beaver Dams: | 0 |
| | Affected length: | 0 |
| 5.2 | Migration Features | |
| | Flood Chutes: | 10 |
| | Neck Cutoffs: | 0 |
| | Channel Avulsions: | 0 |
| | Braiding: | 0 |
| 5.3 | Steep Riffles and Head Cuts | |
| | Steep Riffles: | 7 |
| | Head Cuts: | 3 |
| 5.4 | Animal Crossings: | No |
| 5.5 | Channel Alterations | |
| | Straightening: | Straightening |
| | Dredging: | Dredging |



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Reach: **M08 -A**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|--------------------------------|--------------|----------------|
| 1.2 | Alluvial Fan: | None | |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> | <u>Both</u> |
| | Berm Length (ft.): | 0.0 | 0.0 |
| | Path Length (ft.): | 0.0 | 0.0 |
| | Road Length (ft.): | 440.4 | 0.0 |
| | Railroad Lenth (ft.): | 0.0 | 0.0 |
| | Development Length: | 0.0 | 154.9 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | 0.0 | 0.0 |
| | Erosion Height (ft.): | 0.0 | 0.0 |
| | Revetment Type: | None | Rip-Rap |
| | Revetment length: | 0.0 | 229.0 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | 0 | 0 |
| 3.3 | <u>Riparian Corridor</u> | | |
| | Mass Failures: | None | |
| | Average Height (ft.): | | |
| | Gullies: | None | |
| | Average Height (ft.): | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|-----------------------------|----------------------|
| 4.4 | Number of Debris Jams: | 3 |
| 4.7 | Stormwater Inputs | 1 |
| 4.9 | Beaver Dams: | 0 |
| | Affected length: | 0 |
| 5.2 | Migration Features | |
| | Flood Chutes: | 1 |
| | Neck Cutoffs: | 0 |
| | Channel Avulsions: | 0 |
| | Braiding: | 0 |
| 5.3 | Steep Riffles and Head Cuts | |
| | Steep Riffles: | 2 |
| | Head Cuts: | 1 |
| 5.4 | Animal Crossings: | No |
| 5.5 | Channel Alterations | |
| | Straightening: | Straightening |
| | Dredging: | None |



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Reach: **M08 -B**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|--------------------------------|--------------|--------------|
| 1.2 | Alluvial Fan: | None | |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> | <u>Both</u> |
| | Berm Length (ft.): | 0.0 | 0.0 |
| | Path Length (ft.): | 0.0 | 0.0 |
| | Road Length (ft.): | 457.8 | 0.0 |
| | Railroad Lenth (ft.): | 0.0 | 0.0 |
| | Development Length: | 0.0 | 118.6 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | 222.9 | 81.0 |
| | Erosion Height (ft.): | 3.1 | 4.6 |
| | Revetment Type: | Other | None |
| | Revetment length: | 54.6 | 0.0 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | 0 | 0 |
| 3.3 | <u>Riparian Corridor</u> | | |
| | Mass Failures: | One | |
| | Average Height (ft.): | 25.0 | |
| | Gullies: | None | |
| | Average Height (ft.): | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|-----------------------------|----------------------|
| 4.4 | Number of Debris Jams: | 1 |
| 4.7 | Stormwater Inputs | 1 |
| 4.9 | Beaver Dams: | 0 |
| | Affected length: | 0 |
| 5.2 | Migration Features | |
| | Flood Chutes: | 1 |
| | Neck Cutoffs: | 0 |
| | Channel Avulsions: | 0 |
| | Braiding: | 0 |
| 5.3 | Steep Riffles and Head Cuts | |
| | Steep Riffles: | 8 |
| | Head Cuts: | 0 |
| 5.4 | Animal Crossings: | No |
| 5.5 | Channel Alterations | |
| | Straightening: | Straightening |
| | Dredging: | None |



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SGAT Version: 4.53

Reach: M09 -C

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|--------------------------------|--------------|--------------|
| 1.2 | Alluvial Fan: | | |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> | <u>Both</u> |
| | Berm Length (ft.): | | |
| | Path Length (ft.): | | |
| | Road Length (ft.): | | |
| | Railroad Lenth (ft.): | | |
| | Development Length: | | |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | | |
| | Erosion Height (ft.): | | |
| | Revetment Type: | | |
| | Revetment length: | | |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | | |
| 3.3 | <u>Riparian Corridor</u> | | |
| | Mass Failures: | | |
| | Average Height (ft.): | | |
| | Gullies: | | |
| | Average Height (ft.): | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|-----------------------------|--------------|
| 4.4 | Number of Debris Jams: | |
| 4.7 | Stormwater Inputs | |
| 4.9 | Beaver Dams: | |
| | Affected length: | |
| 5.2 | Migration Features | |
| | Flood Chutes: | |
| | Neck Cutoffs: | |
| | Channel Avulsions: | |
| | Braiding: | |
| 5.3 | Steep Riffles and Head Cuts | |
| | Steep Riffles: | |
| | Head Cuts: | |
| 5.4 | Animal Crossings: | |
| 5.5 | Channel Alterations | |
| | Straightening: | |
| | Dredging: | |



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SGAT Version: **4.53**

Reach: **M04-T2.01 -A**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|--------------------------------|----------------|----------------|
| 1.2 | Alluvial Fan: | None | |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> | <u>Both</u> |
| | Berm Length (ft.): | 58.9 | 0.0 |
| | Path Length (ft.): | 0.0 | 0.0 |
| | Road Length (ft.): | 368.0 | 0.0 |
| | Railroad Lenth (ft.): | 0.0 | 0.0 |
| | Development Length: | 282.1 | 495.2 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | 67.5 | 0.0 |
| | Erosion Height (ft.): | 3.0 | 0.0 |
| | Revetment Type: | Rip-Rap | Rip-Rap |
| | Revetment length: | 285.5 | 440.6 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | 0 | 0 |
| 3.3 | <u>Riparian Corridor</u> | | |
| | Mass Failures: | None | |
| | Average Height (ft.): | | |
| | Gullies: | None | |
| | Average Height (ft.): | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|-----------------------------|----------------------|
| 4.4 | Number of Debris Jams: | 1 |
| 4.7 | Stormwater Inputs | 1 |
| 4.9 | Beaver Dams: | 0 |
| | Affected length: | 0 |
| 5.2 | Migration Features | |
| | Flood Chutes: | 2 |
| | Neck Cutoffs: | 0 |
| | Channel Avulsions: | 0 |
| | Braiding: | 0 |
| 5.3 | Steep Riffles and Head Cuts | |
| | Steep Riffles: | 2 |
| | Head Cuts: | 0 |
| 5.4 | Animal Crossings: | No |
| 5.5 | Channel Alterations | |
| | Straightening: | Straightening |
| | Dredging: | None |



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Reach: **M04-T2.01 -B**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|--------------------------------|----------------|----------------|
| 1.2 | Alluvial Fan: | None | |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> | <u>Both</u> |
| | Berm Length (ft.): | 52.5 | 67.5 |
| | Path Length (ft.): | 0.0 | 0.0 |
| | Road Length (ft.): | 704.4 | 0.0 |
| | Railroad Lenth (ft.): | 0.0 | 0.0 |
| | Development Length: | 0.0 | 88.4 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | 0.0 | 47.4 |
| | Erosion Height (ft.): | 0.0 | 2.0 |
| | Revetment Type: | Rip-Rap | Rip-Rap |
| | Revetment length: | 195.6 | 172.0 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | 0 | 0 |
| 3.3 | <u>Riparian Corridor</u> | | |
| | Mass Failures: | None | |
| | Average Height (ft.): | | |
| | Gullies: | None | |
| | Average Height (ft.): | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|-----------------------------|----------------------|
| 4.4 | Number of Debris Jams: | 6 |
| 4.7 | Stormwater Inputs | 1 |
| 4.9 | Beaver Dams: | 0 |
| | Affected length: | 0 |
| 5.2 | Migration Features | |
| | Flood Chutes: | 0 |
| | Neck Cutoffs: | 0 |
| | Channel Avulsions: | 0 |
| | Braiding: | 0 |
| 5.3 | Steep Riffles and Head Cuts | |
| | Steep Riffles: | 0 |
| | Head Cuts: | 2 |
| 5.4 | Animal Crossings: | No |
| 5.5 | Channel Alterations | |
| | Straightening: | Straightening |
| | Dredging: | None |



Phase 2 - FIT - Legacy Data Report

Blood Brook

SGAT Version: 4.53

Reach: **M05-T3.04 -0**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|--------------------------------|--------------|----------------|
| 1.2 | Alluvial Fan: | None | |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> | <u>Both</u> |
| | Berm Length (ft.): | 0.0 | 0.0 |
| | Path Length (ft.): | 0.0 | 0.0 |
| | Road Length (ft.): | 0.0 | 0.0 |
| | Railroad Lenth (ft.): | 0.0 | 0.0 |
| | Development Length: | 334.5 | 218.9 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | 19.1 | 0.0 |
| | Erosion Height (ft.): | 1.0 | 0.0 |
| | Revetment Type: | None | Rip-Rap |
| | Revetment length: | 0.0 | 27.2 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | 0 | 0 |
| 3.3 | <u>Riparian Corridor</u> | | |
| | Mass Failures: | None | |
| | Average Height (ft.): | | |
| | Gullies: | One | |
| | Average Height (ft.): | 0.0 | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|-----------------------------|--------------|
| 4.4 | Number of Debris Jams: | 22 |
| 4.7 | Stormwater Inputs | 3 |
| 4.9 | Beaver Dams: | 1 |
| | Affected length: | 700 |
| 5.2 | Migration Features | |
| | Flood Chutes: | 1 |
| | Neck Cutoffs: | 0 |
| | Channel Avulsions: | 0 |
| | Braiding: | 7 |
| 5.3 | Steep Riffles and Head Cuts | |
| | Steep Riffles: | 8 |
| | Head Cuts: | 2 |
| 5.4 | Animal Crossings: | Yes |
| 5.5 | Channel Alterations | |
| | Straightening: | None |
| | Dredging: | None |



Phase 2 - FIT - Legacy Data Report

Blood Brook

SGAT Version: 4.53

Reach: **M03-T1.02 -B**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|--------------------------------|----------------|----------------|
| 1.2 | Alluvial Fan: | None | |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> | <u>Both</u> |
| | Berm Length (ft.): | 0.0 | 0.0 |
| | Path Length (ft.): | 0.0 | 0.0 |
| | Road Length (ft.): | 3,424.0 | 0.0 |
| | Railroad Lenth (ft.): | 0.0 | 0.0 |
| | Development Length: | 0.0 | 839.2 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | 334.6 | 165.8 |
| | Erosion Height (ft.): | 2.7 | 3.5 |
| | Revetment Type: | Rip-Rap | Rip-Rap |
| | Revetment length: | 294.6 | 175.4 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | 0 | 0 |
| 3.3 | <u>Riparian Corridor</u> | | |
| | Mass Failures: | None | |
| | Average Height (ft.): | | |
| | Gullies: | None | |
| | Average Height (ft.): | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|-----------------------------|--------------|
| 4.4 | Number of Debris Jams: | 9 |
| 4.7 | Stormwater Inputs | 6 |
| 4.9 | Beaver Dams: | 0 |
| | Affected length: | 0 |
| 5.2 | Migration Features | |
| | Flood Chutes: | 7 |
| | Neck Cutoffs: | 0 |
| | Channel Avulsions: | 0 |
| | Braiding: | 0 |
| 5.3 | Steep Riffles and Head Cuts | |
| | Steep Riffles: | 2 |
| | Head Cuts: | 2 |
| 5.4 | Animal Crossings: | No |
| 5.5 | Channel Alterations | |
| | Straightening: | None |
| | Dredging: | None |



Phase 2 - FIT - Legacy Data Report

Blood Brook

SGAT Version: 4.53

Reach: **M03-T1.03 -B**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|--------------------------------|----------------|--------------|
| 1.2 | Alluvial Fan: | Yes | |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> | <u>Both</u> |
| | Berm Length (ft.): | 0.0 | 0.0 |
| | Path Length (ft.): | 0.0 | 0.0 |
| | Road Length (ft.): | 2,320.7 | 0.0 |
| | Railroad Lenth (ft.): | 0.0 | 0.0 |
| | Development Length: | 88.4 | 0.0 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | 57.4 | 0.0 |
| | Erosion Height (ft.): | 7.6 | 0.0 |
| | Revetment Type: | None | None |
| | Revetment length: | 0.0 | 0.0 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | 0 | 0 |
| 3.3 | <u>Riparian Corridor</u> | | |
| | Mass Failures: | None | |
| | Average Height (ft.): | | |
| | Gullies: | None | |
| | Average Height (ft.): | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|-----------------------------|--------------|
| 4.4 | Number of Debris Jams: | 7 |
| 4.7 | Stormwater Inputs | 7 |
| 4.9 | Beaver Dams: | 0 |
| | Affected length: | 0 |
| 5.2 | Migration Features | |
| | Flood Chutes: | 3 |
| | Neck Cutoffs: | 0 |
| | Channel Avulsions: | 0 |
| | Braiding: | 0 |
| 5.3 | Steep Riffles and Head Cuts | |
| | Steep Riffles: | 0 |
| | Head Cuts: | 1 |
| 5.4 | Animal Crossings: | Yes |
| 5.5 | Channel Alterations | |
| | Straightening: | None |
| | Dredging: | None |



Phase 2 - FIT - Legacy Data Report

Blood Brook

SGAT Version: **4.53**

Reach: **M03-T1.01 -A**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|--------------------------------|--------------|----------------|
| 1.2 | Alluvial Fan: | None | |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> | <u>Both</u> |
| | Berm Length (ft.): | 790.5 | 0.0 |
| | Path Length (ft.): | 0.0 | 0.0 |
| | Road Length (ft.): | 196.3 | 70.0 |
| | Railroad Lenth (ft.): | 0.0 | 0.0 |
| | Development Length: | 0.0 | 752.3 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | 0.0 | 0.0 |
| | Erosion Height (ft.): | 0.0 | 0.0 |
| | Revetment Type: | Other | Rip-Rap |
| | Revetment length: | 5.0 | 24.3 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | 0 | 0 |
| 3.3 | <u>Riparian Corridor</u> | | |
| | Mass Failures: | None | |
| | Average Height (ft.): | | |
| | Gullies: | None | |
| | Average Height (ft.): | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|-----------------------------|----------------------|
| 4.4 | Number of Debris Jams: | 1 |
| 4.7 | Stormwater Inputs | 2 |
| 4.9 | Beaver Dams: | 0 |
| | Affected length: | 0 |
| 5.2 | Migration Features | |
| | Flood Chutes: | 0 |
| | Neck Cutoffs: | 0 |
| | Channel Avulsions: | 0 |
| | Braiding: | 0 |
| 5.3 | Steep Riffles and Head Cuts | |
| | Steep Riffles: | 1 |
| | Head Cuts: | 4 |
| 5.4 | Animal Crossings: | No |
| 5.5 | Channel Alterations | |
| | Straightening: | Straightening |
| | Dredging: | None |



Phase 2 - FIT - Legacy Data Report

Blood Brook

SGAT Version: 4.53

Reach: **M09 -A**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|--------------------------------|-----------------|----------------|
| 1.2 | Alluvial Fan: | None | |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> | <u>Both</u> |
| | Berm Length (ft.): | 130.8 | 0.0 |
| | Path Length (ft.): | 0.0 | 0.0 |
| | Road Length (ft.): | 5,602.5 | 0.0 |
| | Railroad Lenth (ft.): | 0.0 | 0.0 |
| | Development Length: | 784.9 | 1,007.6 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | 703.0 | 673.1 |
| | Erosion Height (ft.): | 2.3 | 4.2 |
| | Revetment Type: | Rip-Rap | Rip-Rap |
| | Revetment length: | 538.4 | 383.9 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | 0 | 0 |
| 3.3 | <u>Riparian Corridor</u> | | |
| | Mass Failures: | Multiple | |
| | Average Height (ft.): | 20.0 | |
| | Gullies: | None | |
| | Average Height (ft.): | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|-----------------------------|----------------------|
| 4.4 | Number of Debris Jams: | 15 |
| 4.7 | Stormwater Inputs | 14 |
| 4.9 | Beaver Dams: | 0 |
| | Affected length: | 0 |
| 5.2 | Migration Features | |
| | Flood Chutes: | 14 |
| | Neck Cutoffs: | 0 |
| | Channel Avulsions: | 0 |
| | Braiding: | 0 |
| 5.3 | Steep Riffles and Head Cuts | |
| | Steep Riffles: | 5 |
| | Head Cuts: | 9 |
| 5.4 | Animal Crossings: | Yes |
| 5.5 | Channel Alterations | |
| | Straightening: | Straightening |
| | Dredging: | None |



Phase 2 - FIT - Legacy Data Report

Blood Brook

SGAT Version: 4.53

Reach: **M03-T1.02 -A**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|--------------------------------|-----------------|--------------|
| 1.2 | Alluvial Fan: | None | |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> | <u>Both</u> |
| | Berm Length (ft.): | 30.3 | 0.0 |
| | Path Length (ft.): | 0.0 | 0.0 |
| | Road Length (ft.): | 1,331.2 | 0.0 |
| | Railroad Lenth (ft.): | 0.0 | 0.0 |
| | Development Length: | 98.1 | 0.0 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | 0.0 | 0.0 |
| | Erosion Height (ft.): | 0.0 | 0.0 |
| | Revetment Type: | None | None |
| | Revetment length: | 0.0 | 0.0 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | 0 | 0 |
| 3.3 | <u>Riparian Corridor</u> | | |
| | Mass Failures: | Multiple | |
| | Average Height (ft.): | 70.0 | |
| | Gullies: | None | |
| | Average Height (ft.): | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|-----------------------------|--------------|
| 4.4 | Number of Debris Jams: | 2 |
| 4.7 | Stormwater Inputs | 1 |
| 4.9 | Beaver Dams: | 0 |
| | Affected length: | 0 |
| 5.2 | Migration Features | |
| | Flood Chutes: | 4 |
| | Neck Cutoffs: | 0 |
| | Channel Avulsions: | 0 |
| | Braiding: | 0 |
| 5.3 | Steep Riffles and Head Cuts | |
| | Steep Riffles: | 4 |
| | Head Cuts: | 0 |
| 5.4 | Animal Crossings: | No |
| 5.5 | Channel Alterations | |
| | Straightening: | None |
| | Dredging: | None |



Phase 2 - FIT - Legacy Data Report

Blood Brook

SGAT Version: 4.53

Reach: M03-T1.03 -C

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|--------------------------------|--------------|--------------|
| 1.2 | Alluvial Fan: | | |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> | <u>Both</u> |
| | Berm Length (ft.): | | |
| | Path Length (ft.): | | |
| | Road Length (ft.): | | |
| | Railroad Lenth (ft.): | | |
| | Development Length: | | |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | | |
| | Erosion Height (ft.): | | |
| | Revetment Type: | | |
| | Revetment length: | | |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | | |
| 3.3 | <u>Riparian Corridor</u> | | |
| | Mass Failures: | | |
| | Average Height (ft.): | | |
| | Gullies: | | |
| | Average Height (ft.): | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|-----------------------------|--------------|
| 4.4 | Number of Debris Jams: | |
| 4.7 | Stormwater Inputs | |
| 4.9 | Beaver Dams: | |
| | Affected length: | |
| 5.2 | Migration Features | |
| | Flood Chutes: | |
| | Neck Cutoffs: | |
| | Channel Avulsions: | |
| | Braiding: | |
| 5.3 | Steep Riffles and Head Cuts | |
| | Steep Riffles: | |
| | Head Cuts: | |
| 5.4 | Animal Crossings: | |
| 5.5 | Channel Alterations | |
| | Straightening: | |
| | Dredging: | |



Phase 2 - FIT - Legacy Data Report

Blood Brook

SGAT Version: 4.53

Reach: **M08 -D**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|--------------------------------|----------------|----------------|
| 1.2 | Alluvial Fan: | None | |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> | <u>Both</u> |
| | Berm Length (ft.): | 98.1 | 72.9 |
| | Path Length (ft.): | 0.0 | 0.0 |
| | Road Length (ft.): | 1,182.0 | 0.0 |
| | Railroad Lenth (ft.): | 0.0 | 0.0 |
| | Development Length: | 0.0 | 484.2 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | 147.5 | 136.7 |
| | Erosion Height (ft.): | 3.0 | 3.3 |
| | Revetment Type: | Rip-Rap | Rip-Rap |
| | Revetment length: | 314.4 | 648.8 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | 0 | 0 |
| 3.3 | <u>Riparian Corridor</u> | | |
| | Mass Failures: | None | |
| | Average Height (ft.): | | |
| | Gullies: | None | |
| | Average Height (ft.): | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|-----------------------------|----------------------|
| 4.4 | Number of Debris Jams: | 0 |
| 4.7 | Stormwater Inputs | 5 |
| 4.9 | Beaver Dams: | 0 |
| | Affected length: | 0 |
| 5.2 | Migration Features | |
| | Flood Chutes: | 1 |
| | Neck Cutoffs: | 0 |
| | Channel Avulsions: | 0 |
| | Braiding: | 0 |
| 5.3 | Steep Riffles and Head Cuts | |
| | Steep Riffles: | 19 |
| | Head Cuts: | 2 |
| 5.4 | Animal Crossings: | Yes |
| 5.5 | Channel Alterations | |
| | Straightening: | Straightening |
| | Dredging: | None |



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SGAT Version: **4.53**

Reach: **M07 -B**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|--------------------------------|----------------|----------------|
| 1.2 | Alluvial Fan: | None | |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> | <u>Both</u> |
| | Berm Length (ft.): | 115.9 | 0.0 |
| | Path Length (ft.): | 0.0 | 0.0 |
| | Road Length (ft.): | 0.0 | 0.0 |
| | Railroad Lenth (ft.): | 0.0 | 0.0 |
| | Development Length: | 660.0 | 0.0 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | 188.4 | 65.1 |
| | Erosion Height (ft.): | 6.0 | 5.3 |
| | Revetment Type: | Rip-Rap | Rip-Rap |
| | Revetment length: | 47.9 | 91.8 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | 0 | 0 |
| 3.3 | <u>Riparian Corridor</u> | | |
| | Mass Failures: | None | |
| | Average Height (ft.): | | |
| | Gullies: | None | |
| | Average Height (ft.): | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|-----------------------------|----------------------|
| 4.4 | Number of Debris Jams: | 4 |
| 4.7 | Stormwater Inputs | 0 |
| 4.9 | Beaver Dams: | 0 |
| | Affected length: | 0 |
| 5.2 | Migration Features | |
| | Flood Chutes: | 3 |
| | Neck Cutoffs: | 0 |
| | Channel Avulsions: | 0 |
| | Braiding: | 0 |
| 5.3 | Steep Riffles and Head Cuts | |
| | Steep Riffles: | 5 |
| | Head Cuts: | 0 |
| 5.4 | Animal Crossings: | No |
| 5.5 | Channel Alterations | |
| | Straightening: | Straightening |
| | Dredging: | None |



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Blood Brook

SGAT Version: 4.53

Reach: **M09 -B**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|--------------------------------|--------------|--------------|
| 1.2 | Alluvial Fan: | None | |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> | <u>Both</u> |
| | Berm Length (ft.): | 0.0 | 0.0 |
| | Path Length (ft.): | 0.0 | 0.0 |
| | Road Length (ft.): | 0.0 | 0.0 |
| | Railroad Lenth (ft.): | 0.0 | 0.0 |
| | Development Length: | 0.0 | 100.4 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | 24.7 | 0.0 |
| | Erosion Height (ft.): | 5.0 | 0.0 |
| | Revetment Type: | None | None |
| | Revetment length: | 0.0 | 0.0 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | 0 | 0 |
| 3.3 | <u>Riparian Corridor</u> | | |
| | Mass Failures: | None | |
| | Average Height (ft.): | | |
| | Gullies: | None | |
| | Average Height (ft.): | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|-----------------------------|--------------|
| 4.4 | Number of Debris Jams: | 19 |
| 4.7 | Stormwater Inputs | 1 |
| 4.9 | Beaver Dams: | 1 |
| | Affected length: | 390 |
| 5.2 | Migration Features | |
| | Flood Chutes: | 12 |
| | Neck Cutoffs: | 0 |
| | Channel Avulsions: | 0 |
| | Braiding: | 0 |
| 5.3 | Steep Riffles and Head Cuts | |
| | Steep Riffles: | 0 |
| | Head Cuts: | 0 |
| 5.4 | Animal Crossings: | No |
| 5.5 | Channel Alterations | |
| | Straightening: | None |
| | Dredging: | None |



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Blood Brook

SGAT Version: **4.53**

Reach: **M03-T1.01 -B**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|--------------------------------|--------------|----------------|
| 1.2 | Alluvial Fan: | None | |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> | <u>Both</u> |
| | Berm Length (ft.): | 16.3 | 0.0 |
| | Path Length (ft.): | 0.0 | 0.0 |
| | Road Length (ft.): | 324.2 | 23.4 |
| | Railroad Lenth (ft.): | 0.0 | 0.0 |
| | Development Length: | 0.0 | 231.6 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | 0.0 | 35.1 |
| | Erosion Height (ft.): | 0.0 | 3.8 |
| | Revetment Type: | Other | Rip-Rap |
| | Revetment length: | 37.3 | 61.0 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | 0 | 0 |
| 3.3 | <u>Riparian Corridor</u> | | |
| | Mass Failures: | None | |
| | Average Height (ft.): | | |
| | Gullies: | None | |
| | Average Height (ft.): | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|-----------------------------|--------------|
| 4.4 | Number of Debris Jams: | 1 |
| 4.7 | Stormwater Inputs | 1 |
| 4.9 | Beaver Dams: | 0 |
| | Affected length: | 0 |
| 5.2 | Migration Features | |
| | Flood Chutes: | 2 |
| | Neck Cutoffs: | 0 |
| | Channel Avulsions: | 0 |
| | Braiding: | 0 |
| 5.3 | Steep Riffles and Head Cuts | |
| | Steep Riffles: | 2 |
| | Head Cuts: | 1 |
| 5.4 | Animal Crossings: | No |
| 5.5 | Channel Alterations | |
| | Straightening: | None |
| | Dredging: | None |



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Blood Brook

SGAT Version: 4.53

Reach: **M07 -A**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|--------------------------------|-----------------|----------------|
| 1.2 | Alluvial Fan: | None | |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> | <u>Both</u> |
| | Berm Length (ft.): | 87.8 | 0.0 |
| | Path Length (ft.): | 0.0 | 0.0 |
| | Road Length (ft.): | 963.1 | 0.0 |
| | Railroad Lenth (ft.): | 0.0 | 0.0 |
| | Development Length: | 350.5 | 231.8 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | 113.9 | 215.9 |
| | Erosion Height (ft.): | 4.3 | 3.1 |
| | Revetment Type: | None | Rip-Rap |
| | Revetment length: | 0.0 | 1,115.1 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | 0 | 0 |
| 3.3 | <u>Riparian Corridor</u> | | |
| | Mass Failures: | Multiple | |
| | Average Height (ft.): | 35.0 | |
| | Gullies: | None | |
| | Average Height (ft.): | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|-----------------------------|----------------------|
| 4.4 | Number of Debris Jams: | 1 |
| 4.7 | Stormwater Inputs | 1 |
| 4.9 | Beaver Dams: | 0 |
| | Affected length: | 0 |
| 5.2 | Migration Features | |
| | Flood Chutes: | 2 |
| | Neck Cutoffs: | 0 |
| | Channel Avulsions: | 0 |
| | Braiding: | 0 |
| 5.3 | Steep Riffles and Head Cuts | |
| | Steep Riffles: | 2 |
| | Head Cuts: | 9 |
| 5.4 | Animal Crossings: | No |
| 5.5 | Channel Alterations | |
| | Straightening: | Straightening |
| | Dredging: | None |



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
November, 22 2024

Phase 2 - FIT - Legacy Data Report

Blood Brook

SGAT Version: **4.53**

Reach: **M04 -0**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|--------------------------------|----------------|----------------|
| 1.2 | Alluvial Fan: | None | |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> | <u>Both</u> |
| | Berm Length (ft.): | 147.2 | 0.0 |
| | Path Length (ft.): | 0.0 | 0.0 |
| | Road Length (ft.): | 1,824.6 | 0.0 |
| | Railroad Lenth (ft.): | 0.0 | 0.0 |
| | Development Length: | 1,057.9 | 2,989.9 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | 1,043.4 | 891.5 |
| | Erosion Height (ft.): | 3.6 | 3.2 |
| | Revetment Type: | Rip-Rap | Rip-Rap |
| | Revetment length: | 566.6 | 903.5 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | 0 | 0 |
| 3.3 | <u>Riparian Corridor</u> | | |
| | Mass Failures: | None | |
| | Average Height (ft.): | | |
| | Gullies: | None | |
| | Average Height (ft.): | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|-----------------------------|----------------------|
| 4.4 | Number of Debris Jams: | 4 |
| 4.7 | Stormwater Inputs | 3 |
| 4.9 | Beaver Dams: | 0 |
| | Affected length: | 0 |
| 5.2 | Migration Features | |
| | Flood Chutes: | 4 |
| | Neck Cutoffs: | 0 |
| | Channel Avulsions: | 0 |
| | Braiding: | 0 |
| 5.3 | Steep Riffles and Head Cuts | |
| | Steep Riffles: | 20 |
| | Head Cuts: | 0 |
| 5.4 | Animal Crossings: | No |
| 5.5 | Channel Alterations | |
| | Straightening: | Straightening |
| | Dredging: | None |



Phase 2 - FIT - Legacy Data Report

Blood Brook

SGAT Version: 4.53

Reach: **M03-T1.03 -A**

| <u>Step</u> | <u>Description</u> | <u>Value</u> | |
|-------------|--------------------------------|----------------|----------------|
| 1.2 | Alluvial Fan: | Yes | |
| 1.3 | <u>Encroachments - Side</u> | <u>One</u> | <u>Both</u> |
| | Berm Length (ft.): | 0.0 | 0.0 |
| | Path Length (ft.): | 0.0 | 0.0 |
| | Road Length (ft.): | 1,867.7 | 0.0 |
| | Railroad Lenth (ft.): | 0.0 | 0.0 |
| | Development Length: | 145.4 | 225.4 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | 99.8 | 0.0 |
| | Erosion Height (ft.): | 3.0 | 0.0 |
| | Revetment Type: | None | Rip-Rap |
| | Revetment length: | 0.0 | 335.6 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | 0 | 0 |
| 3.3 | <u>Riparian Corridor</u> | | |
| | Mass Failures: | None | |
| | Average Height (ft.): | | |
| | Gullies: | None | |
| | Average Height (ft.): | | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|-----------------------------|--------------|
| 4.4 | Number of Debris Jams: | 10 |
| 4.7 | Stormwater Inputs | 7 |
| 4.9 | Beaver Dams: | 0 |
| | Affected length: | 0 |
| 5.2 | Migration Features | |
| | Flood Chutes: | 5 |
| | Neck Cutoffs: | 0 |
| | Channel Avulsions: | 0 |
| | Braiding: | 0 |
| 5.3 | Steep Riffles and Head Cuts | |
| | Steep Riffles: | 0 |
| | Head Cuts: | 1 |
| 5.4 | Animal Crossings: | No |
| 5.5 | Channel Alterations | |
| | Straightening: | None |
| | Dredging: | None |