



Phase 2 - FIT - Legacy Data Report

Lamoille LCRPC HUC2

SGAT Version: 3

Reach: **R22 -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.): | 0.0 | 0.0 |
| | Path Length (ft.): | 0.0 | 0.0 |
| | Road Length (ft.): | 1,697.4 | 0.0 |
| | Railroad Lenth (ft.): | 3,498.8 | 0.0 |
| | Development Length: | 207.6 | 795.0 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | 1,497.8 | 407.9 |
| | Erosion Height (ft.): | 5.9 | 5.0 |
| | Revetment Type: | Rip-Rap | Rip-Rap |
| | Revetment length: | 393.4 | 1,019.4 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | | |
| 3.3 | <u>Riparian Corridor</u> | | |
| | Mass Failures: | None | |
| | Average Height (ft.): | 0.0 | |
| | Gullies: | None | |
| | Average Height (ft.): | 0.0 | |

| <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: | 1 |
| | Head Cuts: | 0 |
| 5.4 | Animal Crossings: | No |
| 5.5 | Channel Alterations | |
| | Straightening: | Straightening |
| | Dredging: | None |



Phase 2 - FIT - Legacy Data Report

Lamoille LCRPC HUC2

SGAT Version: 3

Reach: **R22 -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.): | 2,712.6 482.7 |
| | Railroad Lenth (ft.): | 3,258.0 0.0 |
| | Development Length: | 2,093.1 78.4 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> <u>Right</u> |
| | Erosion Length (ft.): | 258.7 0.0 |
| | Erosion Height (ft.): | 5.0 0.0 |
| | Revetment Type: | Rip-Rap None |
| | Revetment length: | 201.7 0.0 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | |
| 3.3 | <u>Riparian Corridor</u> | |
| | Mass Failures: | None |
| | Average Height (ft.): | 0.0 |
| | Gullies: | None |
| | Average Height (ft.): | 0.0 |

| <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: | 1 |
| | 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 |



Phase 2 - FIT - Legacy Data Report

Lamoille LCRPC HUC2

SGAT Version: 3

Reach: **R18 -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.): | 14,349.7 | 2,898.9 |
| | Railroad Lenth (ft.): | 13,197.2 | 0.0 |
| | Development Length: | 7,016.7 | 4,509.9 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | 9,697.2 | 10,201.5 |
| | Erosion Height (ft.): | 6.7 | 6.2 |
| | Revetment Type: | Multiple | Multiple |
| | Revetment length: | 3,871.7 | 2,375.6 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | | |
| 3.3 | <u>Riparian Corridor</u> | | |
| | Mass Failures: | None | |
| | Average Height (ft.): | 0.0 | |
| | Gullies: | None | |
| | Average Height (ft.): | 0.0 | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|-----------------------------|----------------------|
| 4.4 | Number of Debris Jams: | 0 |
| 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: | 1 |
| | Head Cuts: | 0 |
| 5.4 | Animal Crossings: | No |
| 5.5 | Channel Alterations | |
| | Straightening: | Straightening |
| | Dredging: | None |



Phase 2 - FIT - Legacy Data Report

Lamoille LCRPC HUC2

SGAT Version: 3

Reach: **R16 -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 | 3,403.8 |
| | Railroad Lenth (ft.): | 0.0 | 0.0 |
| | Development Length: | 2,743.6 | 150.9 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | 1,305.3 | 104.8 |
| | Erosion Height (ft.): | 6.2 | 8.0 |
| | Revetment Type: | None | Rip-Rap |
| | Revetment length: | 0.0 | 206.2 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | | |
| 3.3 | <u>Riparian Corridor</u> | | |
| | Mass Failures: | One | |
| | Average Height (ft.): | 30.0 | |
| | Gullies: | None | |
| | Average Height (ft.): | 0.0 | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|-----------------------------|----------------------|
| 4.4 | Number of Debris Jams: | 0 |
| 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: | 1 |
| | Head Cuts: | 0 |
| 5.4 | Animal Crossings: | No |
| 5.5 | Channel Alterations | |
| | Straightening: | Straightening |
| | Dredging: | None |



Phase 2 - FIT - Legacy Data Report

Lamoille LCRPC HUC2

SGAT Version: 3

Reach: **R21 -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.): | 9,480.0 | 0.0 |
| | Railroad Lenth (ft.): | 10,758.1 | 0.0 |
| | Development Length: | 5,856.8 | 0.0 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | 4,533.7 | 3,288.3 |
| | Erosion Height (ft.): | 7.1 | 7.3 |
| | Revetment Type: | Multiple | Multiple |
| | Revetment length: | 1,040.3 | 1,495.7 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | | |
| 3.3 | <u>Riparian Corridor</u> | | |
| | Mass Failures: | None | |
| | Average Height (ft.): | 0.0 | |
| | Gullies: | None | |
| | Average Height (ft.): | 0.0 | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|-----------------------------|----------------------|
| 4.4 | Number of Debris Jams: | 0 |
| 4.7 | Stormwater Inputs | 2 |
| 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: | 0 |
| 5.4 | Animal Crossings: | No |
| 5.5 | Channel Alterations | |
| | Straightening: | Straightening |
| | Dredging: | None |



Phase 2 - FIT - Legacy Data Report

Lamoille LCRPC HUC2

SGAT Version: 3

Reach: **R22 -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.): | 1,210.8 | 2,649.1 |
| | Railroad Lenth (ft.): | 3,901.0 | 0.0 |
| | Development Length: | 1,981.2 | 1,414.9 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | 553.0 | 1,462.3 |
| | Erosion Height (ft.): | 6.9 | 6.9 |
| | Revetment Type: | Rip-Rap | Rip-Rap |
| | Revetment length: | 1,382.3 | 987.0 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | | |
| 3.3 | <u>Riparian Corridor</u> | | |
| | Mass Failures: | None | |
| | Average Height (ft.): | 0.0 | |
| | Gullies: | None | |
| | Average Height (ft.): | 0.0 | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|-----------------------------|----------------------|
| 4.4 | Number of Debris Jams: | 0 |
| 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: | 1 |
| | Head Cuts: | 0 |
| 5.4 | Animal Crossings: | No |
| 5.5 | Channel Alterations | |
| | Straightening: | Straightening |
| | Dredging: | None |



Phase 2 - FIT - Legacy Data Report

Lamoille LCRPC HUC2

SGAT Version: 3

Reach: **R23 -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.): | 935.2 | 0.0 |
| | Railroad Lenth (ft.): | 0.0 | 0.0 |
| | Development Length: | 973.3 | 0.0 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | 0.0 | 43.8 |
| | Erosion Height (ft.): | 0.0 | 8.0 |
| | Revetment Type: | None | None |
| | Revetment length: | 0.0 | 0.0 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | | |
| 3.3 | <u>Riparian Corridor</u> | | |
| | Mass Failures: | None | |
| | Average Height (ft.): | 0.0 | |
| | Gullies: | None | |
| | Average Height (ft.): | 0.0 | |

| <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: | Straightening |
| | Dredging: | Dredging |



Phase 2 - FIT - Legacy Data Report

Lamoille LCRPC HUC2

SGAT Version: 3

Reach: **R14 -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.): | 2,087.2 | 307.1 |
| | Railroad Lenth (ft.): | 1,498.6 | 0.0 |
| | Development Length: | 281.9 | 0.0 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | 0.0 | 218.9 |
| | Erosion Height (ft.): | 0.0 | 4.0 |
| | Revetment Type: | None | None |
| | Revetment length: | 0.0 | 0.0 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | | |
| 3.3 | <u>Riparian Corridor</u> | | |
| | Mass Failures: | Multiple | |
| | Average Height (ft.): | 62.5 | |
| | Gullies: | None | |
| | Average Height (ft.): | 0.0 | |

| <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 |



Phase 2 - FIT - Legacy Data Report

Lamoille LCRPC HUC2

SGAT Version: 3

Reach: **R14 -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.): | 2,585.8 | 0.0 |
| | Railroad Lenth (ft.): | 2,592.8 | 0.0 |
| | Development Length: | 1,559.4 | 1,045.0 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | 559.0 | 634.8 |
| | Erosion Height (ft.): | 3.3 | 3.3 |
| | Revetment Type: | Multiple | Rip-Rap |
| | Revetment length: | 1,177.5 | 228.8 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | | |
| 3.3 | <u>Riparian Corridor</u> | | |
| | Mass Failures: | None | |
| | Average Height (ft.): | 0.0 | |
| | Gullies: | None | |
| | Average Height (ft.): | 0.0 | |

| <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: | 1 |
| | Head Cuts: | 0 |
| 5.4 | Animal Crossings: | No |
| 5.5 | Channel Alterations | |
| | Straightening: | Straightening |
| | Dredging: | None |



Phase 2 - FIT - Legacy Data Report

Lamoille LCRPC HUC2

SGAT Version: 3

Reach: **R22 -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.): | 136.3 | 0.0 |
| | Railroad Lenth (ft.): | 2,178.6 | 0.0 |
| | Development Length: | 621.4 | 0.0 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | 347.1 | 0.0 |
| | Erosion Height (ft.): | 5.0 | 0.0 |
| | Revetment Type: | None | Multiple |
| | Revetment length: | 0.0 | 298.8 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | | |
| 3.3 | <u>Riparian Corridor</u> | | |
| | Mass Failures: | None | |
| | Average Height (ft.): | 0.0 | |
| | Gullies: | None | |
| | Average Height (ft.): | 0.0 | |

| <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 |



Phase 2 - FIT - Legacy Data Report

Lamoille LCRPC HUC2

SGAT Version: 3

Reach: **R20 -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.): | 3,660.2 | 0.0 |
| | Railroad Lenth (ft.): | 3,991.3 | 0.0 |
| | Development Length: | 3,076.1 | 319.1 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | 1,556.6 | 2,670.1 |
| | Erosion Height (ft.): | 4.8 | 6.8 |
| | Revetment Type: | Rip-Rap | Rip-Rap |
| | Revetment length: | 1,013.5 | 1,211.5 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | | |
| 3.3 | <u>Riparian Corridor</u> | | |
| | Mass Failures: | One | |
| | Average Height (ft.): | 35.0 | |
| | Gullies: | None | |
| | Average Height (ft.): | 0.0 | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|-----------------------------|----------------------|
| 4.4 | Number of Debris Jams: | 0 |
| 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: | 0 |
| | Head Cuts: | 0 |
| 5.4 | Animal Crossings: | No |
| 5.5 | Channel Alterations | |
| | Straightening: | Straightening |
| | Dredging: | Gravel Mining |



Phase 2 - FIT - Legacy Data Report

Lamoille LCRPC HUC2

SGAT Version: 3

Reach: **R23 -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.): | 18,984.4 | 1,707.7 |
| | Railroad Lenth (ft.): | 18,355.1 | 0.0 |
| | Development Length: | 8,664.4 | 783.5 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | 8,083.9 | 7,908.9 |
| | Erosion Height (ft.): | 7.8 | 8.0 |
| | Revetment Type: | Multiple | Rip-Rap |
| | Revetment length: | 1,001.4 | 2,163.7 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | | |
| 3.3 | <u>Riparian Corridor</u> | | |
| | Mass Failures: | None | |
| | Average Height (ft.): | 0.0 | |
| | Gullies: | None | |
| | Average Height (ft.): | 0.0 | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|-----------------------------|----------------------|
| 4.4 | Number of Debris Jams: | 0 |
| 4.7 | Stormwater Inputs | 9 |
| 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 |



Phase 2 - FIT - Legacy Data Report

Lamoille LCRPC HUC2

SGAT Version: 3

Reach: **R19 -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.): | 10,053.4 | 0.0 |
| | Railroad Lenth (ft.): | 10,053.6 | 0.0 |
| | Development Length: | 3,857.5 | 0.0 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | 5,884.8 | 5,796.9 |
| | Erosion Height (ft.): | 6.9 | 6.9 |
| | Revetment Type: | Rip-Rap | Rip-Rap |
| | Revetment length: | 922.4 | 2,594.0 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | | |
| 3.3 | <u>Riparian Corridor</u> | | |
| | Mass Failures: | None | |
| | Average Height (ft.): | 0.0 | |
| | Gullies: | None | |
| | Average Height (ft.): | 0.0 | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|-----------------------------|----------------------|
| 4.4 | Number of Debris Jams: | 0 |
| 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: | 0 |
| | Head Cuts: | 0 |
| 5.4 | Animal Crossings: | No |
| 5.5 | Channel Alterations | |
| | Straightening: | Straightening |
| | Dredging: | None |



Phase 2 - FIT - Legacy Data Report

Lamoille LCRPC HUC2

SGAT Version: 3

Reach: **R15 -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.): | 13,201.6 | 0.0 |
| | Railroad Lenth (ft.): | 20,412.5 | 0.0 |
| | Development Length: | 6,625.2 | 285.9 |
| 3.1 | <u>Erosion - Bank</u> | <u>Left</u> | <u>Right</u> |
| | Erosion Length (ft.): | 1,973.4 | 2,006.0 |
| | Erosion Height (ft.): | 6.1 | 5.0 |
| | Revetment Type: | Rip-Rap | Rip-Rap |
| | Revetment length: | 981.4 | 4,138.3 |
| 3.2 | <u>Buffer Less Than 25 ft.</u> | | |
| 3.3 | <u>Riparian Corridor</u> | | |
| | Mass Failures: | One | |
| | Average Height (ft.): | 120.0 | |
| | Gullies: | Multiple | |
| | Average Height (ft.): | 15.0 | |

| <u>Step</u> | <u>Description</u> | <u>Value</u> |
|-------------|-----------------------------|----------------------|
| 4.4 | Number of Debris Jams: | 0 |
| 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: | 0 |
| | Head Cuts: | 0 |
| 5.4 | Animal Crossings: | No |
| 5.5 | Channel Alterations | |
| | Straightening: | Straightening |
| | Dredging: | None |