



Phase 2 - FIT - Legacy Data Report

Deerfield - North Branch

SGAT Version: 3

Reach: T2.03 -A

| <u>Step</u> | <u>Description</u>             | <u>Value</u>     |                  |
|-------------|--------------------------------|------------------|------------------|
| 1.2         | Alluvial Fan:                  | <b>None</b>      |                  |
| 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.):          | <b>100.0</b>     | <b>0.0</b>       |
|             | Erosion Height (ft.):          | <b>3.0</b>       | <b>0.0</b>       |
|             | Revetment Type:                | <b>Hard Bank</b> | <b>Hard Bank</b> |
|             | Revetment length:              | <b>1,550.0</b>   | <b>700.0</b>     |
| 3.2         | <u>Buffer Less Than 25 ft.</u> |                  |                  |
| 3.3         | <u>Riparian Corridor</u>       |                  |                  |
|             | Mass Failures:                 | <b>None</b>      |                  |
|             | Average Height (ft.):          | <b>0.0</b>       |                  |
|             | Gullies:                       |                  |                  |
|             | Average Height (ft.):          |                  |                  |

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



Phase 2 - FIT - Legacy Data Report

Deerfield - North Branch

SGAT Version: 3

Reach: T2.11 -A

| <u>Step</u> | <u>Description</u>             | <u>Value</u>    |                |
|-------------|--------------------------------|-----------------|----------------|
| 1.2         | Alluvial Fan:                  | <b>None</b>     |                |
| 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.):          | <b>470.0</b>    | <b>230.0</b>   |
|             | Erosion Height (ft.):          | <b>6.0</b>      | <b>6.0</b>     |
|             | Revetment Type:                | <b>Rip-Rap</b>  | <b>Rip-Rap</b> |
|             | Revetment length:              | <b>415.0</b>    | <b>335.0</b>   |
| 3.2         | <u>Buffer Less Than 25 ft.</u> |                 |                |
| 3.3         | <u>Riparian Corridor</u>       |                 |                |
|             | Mass Failures:                 | <b>Multiple</b> |                |
|             | Average Height (ft.):          | <b>70.0</b>     |                |
|             | Gullies:                       |                 |                |
|             | Average Height (ft.):          |                 |                |

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



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Deerfield - North Branch

SGAT Version: 3

Reach: **T2.14 -C**

| <u>Step</u> | <u>Description</u>             | <u>Value</u> |              |
|-------------|--------------------------------|--------------|--------------|
| 1.2         | Alluvial Fan:                  | <b>None</b>  |              |
| 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.):          | <b>10.0</b>  | <b>15.0</b>  |
|             | Erosion Height (ft.):          | <b>2.0</b>   | <b>2.0</b>   |
|             | Revetment Type:                | <b>None</b>  | <b>None</b>  |
|             | Revetment length:              | <b>0.0</b>   | <b>0.0</b>   |
| 3.2         | <u>Buffer Less Than 25 ft.</u> |              |              |
| 3.3         | <u>Riparian Corridor</u>       |              |              |
|             | Mass Failures:                 | <b>None</b>  |              |
|             | Average Height (ft.):          | <b>0.0</b>   |              |
|             | Gullies:                       |              |              |
|             | Average Height (ft.):          |              |              |

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



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Deerfield - North Branch

SGAT Version: 3

Reach: T2.13 -B

| <u>Step</u> | <u>Description</u>             | <u>Value</u> |              |
|-------------|--------------------------------|--------------|--------------|
| 1.2         | Alluvial Fan:                  | <b>None</b>  |              |
| 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.):          | <b>50.0</b>  | <b>250.0</b> |
|             | Erosion Height (ft.):          | <b>3.5</b>   | <b>3.5</b>   |
|             | Revetment Type:                | <b>None</b>  | <b>None</b>  |
|             | Revetment length:              | <b>0.0</b>   | <b>0.0</b>   |
| 3.2         | <u>Buffer Less Than 25 ft.</u> |              |              |
| 3.3         | <u>Riparian Corridor</u>       |              |              |
|             | Mass Failures:                 | <b>None</b>  |              |
|             | Average Height (ft.):          | <b>0.0</b>   |              |
|             | Gullies:                       |              |              |
|             | Average Height (ft.):          |              |              |

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



Phase 2 - FIT - Legacy Data Report

Deerfield - North Branch

SGAT Version: 3

Reach: **T2.13 -C**

| <u>Step</u> | <u>Description</u>             | <u>Value</u>   |              |
|-------------|--------------------------------|----------------|--------------|
| 1.2         | Alluvial Fan:                  | <b>None</b>    |              |
| 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.):          | <b>75.0</b>    | <b>0.0</b>   |
|             | Erosion Height (ft.):          | <b>3.5</b>     | <b>0.0</b>   |
|             | Revetment Type:                | <b>Rip-Rap</b> | <b>None</b>  |
|             | Revetment length:              | <b>50.0</b>    | <b>0.0</b>   |
| 3.2         | <u>Buffer Less Than 25 ft.</u> |                |              |
| 3.3         | <u>Riparian Corridor</u>       |                |              |
|             | Mass Failures:                 | <b>None</b>    |              |
|             | Average Height (ft.):          | <b>0.0</b>     |              |
|             | Gullies:                       |                |              |
|             | Average Height (ft.):          |                |              |

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



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Deerfield - North Branch

SGAT Version: 3

Reach: **T2.04 -B**

| <u>Step</u> | <u>Description</u>             | <u>Value</u> |                |
|-------------|--------------------------------|--------------|----------------|
| 1.2         | Alluvial Fan:                  | <b>None</b>  |                |
| 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.):          | <b>450.0</b> | <b>0.0</b>     |
|             | Erosion Height (ft.):          | <b>4.0</b>   | <b>0.0</b>     |
|             | Revetment Type:                | <b>None</b>  | <b>Rip-Rap</b> |
|             | Revetment length:              | <b>0.0</b>   | <b>700.0</b>   |
| 3.2         | <u>Buffer Less Than 25 ft.</u> |              |                |
| 3.3         | <u>Riparian Corridor</u>       |              |                |
|             | Mass Failures:                 | <b>None</b>  |                |
|             | Average Height (ft.):          | <b>0.0</b>   |                |
|             | Gullies:                       |              |                |
|             | Average Height (ft.):          |              |                |

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



Phase 2 - FIT - Legacy Data Report

Deerfield - North Branch

SGAT Version: 3

Reach: T2.06 -0

| <u>Step</u> | <u>Description</u>             | <u>Value</u> |              |
|-------------|--------------------------------|--------------|--------------|
| 1.2         | Alluvial Fan:                  | <b>None</b>  |              |
| 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.):          | <b>400.0</b> | <b>550.0</b> |
|             | Erosion Height (ft.):          | <b>3.0</b>   | <b>4.0</b>   |
|             | Revetment Type:                | <b>None</b>  | <b>None</b>  |
|             | Revetment length:              | <b>0.0</b>   | <b>0.0</b>   |
| 3.2         | <u>Buffer Less Than 25 ft.</u> |              |              |
| 3.3         | <u>Riparian Corridor</u>       |              |              |
|             | Mass Failures:                 | <b>None</b>  |              |
|             | Average Height (ft.):          | <b>0.0</b>   |              |
|             | Gullies:                       |              |              |
|             | Average Height (ft.):          |              |              |

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



Phase 2 - FIT - Legacy Data Report

Deerfield - North Branch

SGAT Version: 3

Reach: **T2.08 -A**

| <u>Step</u> | <u>Description</u>             | <u>Value</u> |              |
|-------------|--------------------------------|--------------|--------------|
| 1.2         | Alluvial Fan:                  | <b>None</b>  |              |
| 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.):          | <b>200.0</b> | <b>100.0</b> |
|             | Erosion Height (ft.):          | <b>5.0</b>   | <b>5.0</b>   |
|             | Revetment Type:                | <b>None</b>  | <b>None</b>  |
|             | Revetment length:              | <b>0.0</b>   | <b>0.0</b>   |
| 3.2         | <u>Buffer Less Than 25 ft.</u> |              |              |
| 3.3         | <u>Riparian Corridor</u>       |              |              |
|             | Mass Failures:                 | <b>None</b>  |              |
|             | Average Height (ft.):          |              |              |
|             | Gullies:                       |              |              |
|             | Average Height (ft.):          |              |              |

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





Phase 2 - FIT - Legacy Data Report

Deerfield - North Branch

SGAT Version: 3

Reach: **T2.04 -A**

| <u>Step</u> | <u>Description</u>             | <u>Value</u>   |              |
|-------------|--------------------------------|----------------|--------------|
| 1.2         | Alluvial Fan:                  | <b>None</b>    |              |
| 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.):          | <b>900.0</b>   | <b>500.0</b> |
|             | Erosion Height (ft.):          | <b>4.0</b>     | <b>4.0</b>   |
|             | Revetment Type:                | <b>Rip-Rap</b> | <b>None</b>  |
|             | Revetment length:              | <b>50.0</b>    | <b>0.0</b>   |
| 3.2         | <u>Buffer Less Than 25 ft.</u> |                |              |
| 3.3         | <u>Riparian Corridor</u>       |                |              |
|             | Mass Failures:                 | <b>None</b>    |              |
|             | Average Height (ft.):          | <b>0.0</b>     |              |
|             | Gullies:                       |                |              |
|             | Average Height (ft.):          |                |              |

| <u>Step</u> | <u>Description</u>          | <u>Value</u>         |
|-------------|-----------------------------|----------------------|
| 4.4         | Number of Debris Jams:      | <b>0</b>             |
| 4.7         | Stormwater Inputs           | <b>0</b>             |
| 4.9         | Beaver Dams:                | <b>0</b>             |
|             | Affected length:            | <b>0</b>             |
| 5.2         | Migration Features          |                      |
|             | Flood Chutes:               | <b>2</b>             |
|             | Neck Cutoffs:               | <b>0</b>             |
|             | Channel Avulsions:          | <b>0</b>             |
|             | Braiding:                   | <b>0</b>             |
| 5.3         | Steep Riffles and Head Cuts |                      |
|             | Steep Riffles:              | <b>2</b>             |
|             | Head Cuts:                  | <b>0</b>             |
| 5.4         | Animal Crossings:           | <b>Yes</b>           |
| 5.5         | Channel Alterations         |                      |
|             | Straightening:              | <b>Straightening</b> |
|             | Dredging:                   | <b>Gravel Mining</b> |



Phase 2 - FIT - Legacy Data Report

Deerfield - North Branch

SGAT Version: 3

Reach: **T2.09 -0**

| <u>Step</u> | <u>Description</u>             | <u>Value</u> |                |
|-------------|--------------------------------|--------------|----------------|
| 1.2         | Alluvial Fan:                  | <b>None</b>  |                |
| 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.):          | <b>880.0</b> | <b>480.0</b>   |
|             | Erosion Height (ft.):          | <b>3.5</b>   | <b>3.5</b>     |
|             | Revetment Type:                | <b>None</b>  | <b>Rip-Rap</b> |
|             | Revetment length:              | <b>0.0</b>   | <b>1,710.0</b> |
| 3.2         | <u>Buffer Less Than 25 ft.</u> |              |                |
| 3.3         | <u>Riparian Corridor</u>       |              |                |
|             | Mass Failures:                 | <b>None</b>  |                |
|             | Average Height (ft.):          | <b>0.0</b>   |                |
|             | Gullies:                       |              |                |
|             | Average Height (ft.):          |              |                |

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



Phase 2 - FIT - Legacy Data Report

Deerfield - North Branch

SGAT Version: 3

Reach: **T2.14 -A**

| <u>Step</u> | <u>Description</u>             | <u>Value</u>   |                |
|-------------|--------------------------------|----------------|----------------|
| 1.2         | Alluvial Fan:                  | <b>None</b>    |                |
| 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.):          | <b>475.0</b>   | <b>300.0</b>   |
|             | Erosion Height (ft.):          | <b>4.0</b>     | <b>4.0</b>     |
|             | Revetment Type:                | <b>Rip-Rap</b> | <b>Rip-Rap</b> |
|             | Revetment length:              | <b>75.0</b>    | <b>75.0</b>    |
| 3.2         | <u>Buffer Less Than 25 ft.</u> |                |                |
| 3.3         | <u>Riparian Corridor</u>       |                |                |
|             | Mass Failures:                 | <b>None</b>    |                |
|             | Average Height (ft.):          | <b>0.0</b>     |                |
|             | Gullies:                       |                |                |
|             | Average Height (ft.):          |                |                |

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



Phase 2 - FIT - Legacy Data Report

Deerfield - North Branch

SGAT Version: 3

Reach: **T2.08 -B**

| <u>Step</u> | <u>Description</u>             | <u>Value</u> |                |
|-------------|--------------------------------|--------------|----------------|
| 1.2         | Alluvial Fan:                  | <b>None</b>  |                |
| 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.):          | <b>0.0</b>   | <b>0.0</b>     |
|             | Erosion Height (ft.):          | <b>0.0</b>   | <b>0.0</b>     |
|             | Revetment Type:                | <b>None</b>  | <b>Rip-Rap</b> |
|             | Revetment length:              | <b>0.0</b>   | <b>566.0</b>   |
| 3.2         | <u>Buffer Less Than 25 ft.</u> |              |                |
| 3.3         | <u>Riparian Corridor</u>       |              |                |
|             | Mass Failures:                 | <b>None</b>  |                |
|             | Average Height (ft.):          |              |                |
|             | Gullies:                       |              |                |
|             | Average Height (ft.):          |              |                |

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



Phase 2 - FIT - Legacy Data Report

Deerfield - North Branch

SGAT Version: 3

Reach: **T2.10 -0**

| <u>Step</u> | <u>Description</u>             | <u>Value</u>    |                |
|-------------|--------------------------------|-----------------|----------------|
| 1.2         | Alluvial Fan:                  | <b>None</b>     |                |
| 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.):          | <b>180.0</b>    | <b>485.0</b>   |
|             | Erosion Height (ft.):          | <b>3.0</b>      | <b>3.0</b>     |
|             | Revetment Type:                | <b>Rip-Rap</b>  | <b>Rip-Rap</b> |
|             | Revetment length:              | <b>1,250.0</b>  | <b>2,350.0</b> |
| 3.2         | <u>Buffer Less Than 25 ft.</u> |                 |                |
| 3.3         | <u>Riparian Corridor</u>       |                 |                |
|             | Mass Failures:                 | <b>Multiple</b> |                |
|             | Average Height (ft.):          | <b>25.0</b>     |                |
|             | Gullies:                       |                 |                |
|             | Average Height (ft.):          |                 |                |

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



Phase 2 - FIT - Legacy Data Report

Deerfield - North Branch

SGAT Version: 3

Reach: **T2.14 -B**

| <u>Step</u> | <u>Description</u>             | <u>Value</u> |              |
|-------------|--------------------------------|--------------|--------------|
| 1.2         | Alluvial Fan:                  | <b>None</b>  |              |
| 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.):          | <b>300.0</b> | <b>190.0</b> |
|             | Erosion Height (ft.):          | <b>2.0</b>   | <b>2.0</b>   |
|             | Revetment Type:                | <b>None</b>  | <b>None</b>  |
|             | Revetment length:              | <b>0.0</b>   | <b>0.0</b>   |
| 3.2         | <u>Buffer Less Than 25 ft.</u> |              |              |
| 3.3         | <u>Riparian Corridor</u>       |              |              |
|             | Mass Failures:                 | <b>None</b>  |              |
|             | Average Height (ft.):          | <b>0.0</b>   |              |
|             | Gullies:                       |              |              |
|             | Average Height (ft.):          |              |              |

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



Phase 2 - FIT - Legacy Data Report

Deerfield - North Branch

SGAT Version: 3

Reach: T2.14 -D

| <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

Deerfield - North Branch

SGAT Version: 3

Reach: T2.02 -0

| <u>Step</u> | <u>Description</u>             | <u>Value</u>   |                |
|-------------|--------------------------------|----------------|----------------|
| 1.2         | Alluvial Fan:                  | <b>None</b>    |                |
| 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.):          | <b>750.0</b>   | <b>0.0</b>     |
|             | Erosion Height (ft.):          | <b>3.0</b>     | <b>0.0</b>     |
|             | Revetment Type:                | <b>Rip-Rap</b> | <b>Rip-Rap</b> |
|             | Revetment length:              | <b>550.0</b>   | <b>400.0</b>   |
| 3.2         | <u>Buffer Less Than 25 ft.</u> |                |                |
| 3.3         | <u>Riparian Corridor</u>       |                |                |
|             | Mass Failures:                 | <b>None</b>    |                |
|             | Average Height (ft.):          |                |                |
|             | Gullies:                       |                |                |
|             | Average Height (ft.):          |                |                |

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





Phase 2 - FIT - Legacy Data Report

Deerfield - North Branch

SGAT Version: 3

Reach: **T2.03 -B**

| <u>Step</u> | <u>Description</u>             | <u>Value</u>   |              |
|-------------|--------------------------------|----------------|--------------|
| 1.2         | Alluvial Fan:                  | <b>None</b>    |              |
| 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.):          | <b>75.0</b>    | <b>0.0</b>   |
|             | Erosion Height (ft.):          | <b>4.0</b>     | <b>0.0</b>   |
|             | Revetment Type:                | <b>Rip-Rap</b> | <b>None</b>  |
|             | Revetment length:              | <b>200.0</b>   | <b>0.0</b>   |
| 3.2         | <u>Buffer Less Than 25 ft.</u> |                |              |
| 3.3         | <u>Riparian Corridor</u>       |                |              |
|             | Mass Failures:                 | <b>None</b>    |              |
|             | Average Height (ft.):          | <b>0.0</b>     |              |
|             | Gullies:                       |                |              |
|             | Average Height (ft.):          |                |              |

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



Phase 2 - FIT - Legacy Data Report

Deerfield - North Branch

SGAT Version: 3

Reach: **T2.01 -0**

| <u>Step</u> | <u>Description</u>             | <u>Value</u> |                |
|-------------|--------------------------------|--------------|----------------|
| 1.2         | Alluvial Fan:                  | <b>None</b>  |                |
| 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.):          | <b>250.0</b> | <b>350.0</b>   |
|             | Erosion Height (ft.):          | <b>4.0</b>   | <b>4.0</b>     |
|             | Revetment Type:                | <b>None</b>  | <b>Rip-Rap</b> |
|             | Revetment length:              | <b>0.0</b>   | <b>1,275.0</b> |
| 3.2         | <u>Buffer Less Than 25 ft.</u> |              |                |
| 3.3         | <u>Riparian Corridor</u>       |              |                |
|             | Mass Failures:                 | <b>None</b>  |                |
|             | Average Height (ft.):          | <b>0.0</b>   |                |
|             | Gullies:                       |              |                |
|             | Average Height (ft.):          |              |                |

| <u>Step</u> | <u>Description</u>          | <u>Value</u> |
|-------------|-----------------------------|--------------|
| 4.4         | Number of Debris Jams:      | <b>0</b>     |
| 4.7         | Stormwater Inputs           | <b>3</b>     |
| 4.9         | Beaver Dams:                | <b>0</b>     |
|             | Affected length:            | <b>0</b>     |
| 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

Deerfield - North Branch

SGAT Version: 3

Reach: T2.11 -B

| <u>Step</u> | <u>Description</u>             | <u>Value</u> |                |
|-------------|--------------------------------|--------------|----------------|
| 1.2         | Alluvial Fan:                  | <b>None</b>  |                |
| 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.):          | <b>320.0</b> | <b>555.0</b>   |
|             | Erosion Height (ft.):          | <b>4.0</b>   | <b>4.0</b>     |
|             | Revetment Type:                | <b>None</b>  | <b>Rip-Rap</b> |
|             | Revetment length:              | <b>0.0</b>   | <b>20.0</b>    |
| 3.2         | <u>Buffer Less Than 25 ft.</u> |              |                |
| 3.3         | <u>Riparian Corridor</u>       |              |                |
|             | Mass Failures:                 | <b>None</b>  |                |
|             | Average Height (ft.):          | <b>0.0</b>   |                |
|             | Gullies:                       |              |                |
|             | Average Height (ft.):          |              |                |

| <u>Step</u> | <u>Description</u>          | <u>Value</u> |
|-------------|-----------------------------|--------------|
| 4.4         | Number of Debris Jams:      | <b>0</b>     |
| 4.7         | Stormwater Inputs           | <b>2</b>     |
| 4.9         | Beaver Dams:                | <b>13</b>    |
|             | Affected length:            | <b>3800</b>  |
| 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

Deerfield - North Branch

SGAT Version: 3

Reach: T2.13 -A

| <u>Step</u> | <u>Description</u>             | <u>Value</u>   |                |
|-------------|--------------------------------|----------------|----------------|
| 1.2         | Alluvial Fan:                  | <b>None</b>    |                |
| 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.):          | <b>70.0</b>    | <b>100.0</b>   |
|             | Erosion Height (ft.):          | <b>3.0</b>     | <b>3.0</b>     |
|             | Revetment Type:                | <b>Rip-Rap</b> | <b>Rip-Rap</b> |
|             | Revetment length:              | <b>270.0</b>   | <b>180.0</b>   |
| 3.2         | <u>Buffer Less Than 25 ft.</u> |                |                |
| 3.3         | <u>Riparian Corridor</u>       |                |                |
|             | Mass Failures:                 | <b>None</b>    |                |
|             | Average Height (ft.):          | <b>0.0</b>     |                |
|             | Gullies:                       |                |                |
|             | Average Height (ft.):          |                |                |

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



Phase 2 - FIT - Legacy Data Report

Deerfield - North Branch

SGAT Version: 3

Reach: **T2.05 -0**

| <u>Step</u> | <u>Description</u>             | <u>Value</u>   |                |
|-------------|--------------------------------|----------------|----------------|
| 1.2         | Alluvial Fan:                  | <b>None</b>    |                |
| 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.):          | <b>300.0</b>   | <b>600.0</b>   |
|             | Erosion Height (ft.):          | <b>4.0</b>     | <b>4.0</b>     |
|             | Revetment Type:                | <b>Rip-Rap</b> | <b>Rip-Rap</b> |
|             | Revetment length:              | <b>350.0</b>   | <b>560.0</b>   |
| 3.2         | <u>Buffer Less Than 25 ft.</u> |                |                |
| 3.3         | <u>Riparian Corridor</u>       |                |                |
|             | Mass Failures:                 | <b>None</b>    |                |
|             | Average Height (ft.):          | <b>0.0</b>     |                |
|             | Gullies:                       |                |                |
|             | Average Height (ft.):          |                |                |

| <u>Step</u> | <u>Description</u>          | <u>Value</u>         |
|-------------|-----------------------------|----------------------|
| 4.4         | Number of Debris Jams:      | <b>0</b>             |
| 4.7         | Stormwater Inputs           | <b>1</b>             |
| 4.9         | Beaver Dams:                | <b>1</b>             |
|             | Affected length:            | <b>360</b>           |
| 5.2         | Migration Features          |                      |
|             | Flood Chutes:               | <b>0</b>             |
|             | Neck Cutoffs:               | <b>0</b>             |
|             | Channel Avulsions:          | <b>0</b>             |
|             | Braiding:                   | <b>0</b>             |
| 5.3         | Steep Riffles and Head Cuts |                      |
|             | Steep Riffles:              | <b>2</b>             |
|             | Head Cuts:                  | <b>0</b>             |
| 5.4         | Animal Crossings:           | <b>No</b>            |
| 5.5         | Channel Alterations         |                      |
|             | Straightening:              | <b>Straightening</b> |
|             | Dredging:                   | <b>None</b>          |



Phase 2 - FIT - Legacy Data Report

Deerfield - North Branch

SGAT Version: 3

Reach: **T2.07 -0**

| <u>Step</u> | <u>Description</u>             | <u>Value</u>   |                |
|-------------|--------------------------------|----------------|----------------|
| 1.2         | Alluvial Fan:                  | <b>None</b>    |                |
| 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.):          | <b>380.0</b>   | <b>1,000.0</b> |
|             | Erosion Height (ft.):          | <b>3.5</b>     | <b>3.5</b>     |
|             | Revetment Type:                | <b>Rip-Rap</b> | <b>Rip-Rap</b> |
|             | Revetment length:              | <b>240.0</b>   | <b>40.0</b>    |
| 3.2         | <u>Buffer Less Than 25 ft.</u> |                |                |
| 3.3         | <u>Riparian Corridor</u>       |                |                |
|             | Mass Failures:                 | <b>One</b>     |                |
|             | Average Height (ft.):          | <b>14.0</b>    |                |
|             | Gullies:                       |                |                |
|             | Average Height (ft.):          |                |                |

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