



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
June, 17 2026

## Phase 1 - FIT - Legacy Data Report

## Pond Brook

SGAT Version: **4.53**

| Reach: <b>M01</b> |                           |                    |                | <u>Step</u> | <u>Description</u>  | <u>Value</u> |
|-------------------|---------------------------|--------------------|----------------|-------------|---------------------|--------------|
|                   | <u>Step</u>               | <u>Description</u> | <u>Value</u>   | 5.5         | Dredging History:   | <b>None</b>  |
| 3.1               |                           | Alluvial Fan:      | <b>None</b>    | 6.1         | Berms & Roads Data: |              |
| 3.2               |                           | Grade Control:     | <b>None</b>    |             |                     |              |
| 5.2               | # of Bridges or Culverts: | <b>1</b>           |                |             |                     |              |
|                   | Total Length:             | <b>0.000</b>       |                |             |                     |              |
| 5.3               | Armoring Length           | <u>Left</u>        | <u>Right</u>   |             |                     |              |
|                   |                           | <b>0.00000</b>     | <b>0.00000</b> |             |                     |              |
|                   | Data Armoring:            | <b>None</b>        |                |             |                     |              |
| 5.4               | Straightening Length:     | <b>1750.05005</b>  |                | 7.2         | Bank Erosion:       | <b>None</b>  |
|                   | Straightening Data:       |                    |                |             | Bank Height:        | <b>N.D.</b>  |
|                   |                           |                    |                |             |                     | <b>0.000</b> |

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| Reach: <b>M02</b> |                           |                    |                | <u>Step</u> | <u>Description</u>  | <u>Value</u> |
|-------------------|---------------------------|--------------------|----------------|-------------|---------------------|--------------|
|                   | <u>Step</u>               | <u>Description</u> | <u>Value</u>   | 5.5         | Dredging History:   | <b>None</b>  |
| 3.1               |                           | Alluvial Fan:      | <b>None</b>    | 6.1         | Berms & Roads Data: |              |
| 3.2               |                           | Grade Control:     | <b>None</b>    |             |                     |              |
| 5.2               | # of Bridges or Culverts: | <b>0</b>           |                |             |                     |              |
|                   | Total Length:             | <b>0.000</b>       |                |             |                     |              |
| 5.3               | Armoring Length           | <u>Left</u>        | <u>Right</u>   |             |                     |              |
|                   |                           | <b>0.00000</b>     | <b>0.00000</b> |             |                     |              |
|                   | Data Armoring:            | <b>None</b>        |                |             |                     |              |
| 5.4               | Straightening Length:     | <b>809.91003</b>   |                | 7.2         | Bank Erosion:       | <b>None</b>  |
|                   | Straightening Data:       |                    |                |             | Bank Height:        | <b>N.D.</b>  |
|                   |                           |                    |                |             |                     | <b>0.000</b> |



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|                   |             |                                        |             |                            |                              |
|-------------------|-------------|----------------------------------------|-------------|----------------------------|------------------------------|
| Reach: <b>M03</b> |             |                                        | <u>Step</u> | <u>Description</u>         | <u>Value</u>                 |
|                   | <u>Step</u> | <u>Description</u>                     |             |                            |                              |
|                   | 3.1         | Alluvial Fan: <b>None</b>              | 5.5         | Dredging History:          | <b>None</b>                  |
|                   | 3.2         | Grade Control: <b>None</b>             | 6.1         | Berms & Roads Data:        |                              |
|                   | 5.2         | # of Bridges or Culverts: <b>1</b>     |             | <u>One Side</u>            | <u>Both Sides</u>            |
|                   |             | Total Length: <b>0.000</b>             |             | Berms & Roads:             | <b>0.0000</b> <b>0.0000</b>  |
|                   | 5.3         | Armoring Length                        | 6.2         | Dev. Length:               | <b>0.0000</b> <b>0.0000</b>  |
|                   |             | <u>Left</u> <u>Right</u>               |             | Corridor Development Data: |                              |
|                   |             | <b>0.00000</b> <b>0.00000</b>          |             | <u>Old</u>                 | <u>New</u>                   |
|                   |             | Data Armoring: <b>None</b>             | 7.2         | Bank Erosion:              | <b>None</b> <b>0.0000000</b> |
|                   | 5.4         | Straightening Length: <b>292.37000</b> |             | Bank Height:               | <b>N.D.</b> <b>0.000</b>     |
|                   |             | Straightening Data:                    |             |                            |                              |

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|                   |             |                                        |             |                            |                              |
|-------------------|-------------|----------------------------------------|-------------|----------------------------|------------------------------|
| Reach: <b>M04</b> |             |                                        | <u>Step</u> | <u>Description</u>         | <u>Value</u>                 |
|                   | <u>Step</u> | <u>Description</u>                     |             |                            |                              |
|                   | 3.1         | Alluvial Fan: <b>None</b>              | 5.5         | Dredging History:          | <b>None</b>                  |
|                   | 3.2         | Grade Control: <b>Waterfall</b>        | 6.1         | Berms & Roads Data:        |                              |
|                   | 5.2         | # of Bridges or Culverts: <b>1</b>     |             | <u>One Side</u>            | <u>Both Sides</u>            |
|                   |             | Total Length: <b>0.000</b>             |             | Berms & Roads:             | <b>0.0000</b> <b>0.0000</b>  |
|                   | 5.3         | Armoring Length                        | 6.2         | Dev. Length:               | <b>0.0000</b> <b>0.0000</b>  |
|                   |             | <u>Left</u> <u>Right</u>               |             | Corridor Development Data: |                              |
|                   |             | <b>0.00000</b> <b>0.00000</b>          |             | <u>Old</u>                 | <u>New</u>                   |
|                   |             | Data Armoring: <b>None</b>             | 7.2         | Bank Erosion:              | <b>None</b> <b>0.0000000</b> |
|                   | 5.4         | Straightening Length: <b>123.28000</b> |             | Bank Height:               | <b>N.D.</b> <b>0.000</b>     |
|                   |             | Straightening Data:                    |             |                            |                              |



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|                   |                           |                               |             |                            |                              |
|-------------------|---------------------------|-------------------------------|-------------|----------------------------|------------------------------|
| Reach: <b>M05</b> |                           |                               | <u>Step</u> | <u>Description</u>         | <u>Value</u>                 |
| <u>Step</u>       | <u>Description</u>        | <u>Value</u>                  | 5.5         | Dredging History:          | <b>None</b>                  |
| 3.1               | Alluvial Fan:             | <b>None</b>                   | 6.1         | Berms & Roads Data:        |                              |
| 3.2               | Grade Control:            | <b>None</b>                   |             | <u>One Side</u>            | <u>Both Sides</u>            |
| 5.2               | # of Bridges or Culverts: | <b>0</b>                      |             | Berms & Roads:             | <b>0.0000</b> <b>0.0000</b>  |
|                   | Total Length:             | <b>0.000</b>                  | 6.2         | Dev. Length:               | <b>0.0000</b> <b>0.0000</b>  |
| 5.3               | Armoring Length           | <u>Left</u> <u>Right</u>      |             | Corridor Development Data: |                              |
|                   |                           | <b>0.00000</b> <b>0.00000</b> |             | <u>Old</u>                 | <u>New</u>                   |
|                   | Data Armoring:            | <b>None</b>                   | 7.2         | Bank Erosion:              | <b>None</b> <b>0.0000000</b> |
| 5.4               | Straightening Length:     | <b>319.39999</b>              |             | Bank Height:               | <b>N.D.</b> <b>0.000</b>     |
|                   | Straightening Data:       |                               |             |                            |                              |

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|                     |                           |                               |             |                            |                               |
|---------------------|---------------------------|-------------------------------|-------------|----------------------------|-------------------------------|
| Reach: <b>T1.01</b> |                           |                               | <u>Step</u> | <u>Description</u>         | <u>Value</u>                  |
| <u>Step</u>         | <u>Description</u>        | <u>Value</u>                  | 5.5         | Dredging History:          | <b>None</b>                   |
| 3.1                 | Alluvial Fan:             | <b>None</b>                   | 6.1         | Berms & Roads Data:        |                               |
| 3.2                 | Grade Control:            | <b>None</b>                   |             | <u>One Side</u>            | <u>Both Sides</u>             |
| 5.2                 | # of Bridges or Culverts: | <b>1</b>                      |             | Berms & Roads:             | <b>0.0000</b> <b>0.0000</b>   |
|                     | Total Length:             | <b>0.000</b>                  | 6.2         | Dev. Length:               | <b>140.0900</b> <b>0.0000</b> |
| 5.3                 | Armoring Length           | <u>Left</u> <u>Right</u>      |             | Corridor Development Data: |                               |
|                     |                           | <b>0.00000</b> <b>0.00000</b> |             | <u>Old</u>                 | <u>New</u>                    |
|                     | Data Armoring:            | <b>None</b>                   | 7.2         | Bank Erosion:              | <b>None</b> <b>0.0000000</b>  |
| 5.4                 | Straightening Length:     | <b>91.55000</b>               |             | Bank Height:               | <b>N.D.</b> <b>0.000</b>      |
|                     | Straightening Data:       |                               |             |                            |                               |



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| Reach: <b>T1.02</b> |                           |                    |              | <u>Step</u> | <u>Description</u>         | <u>Value</u>      |
|---------------------|---------------------------|--------------------|--------------|-------------|----------------------------|-------------------|
|                     | <u>Step</u>               | <u>Description</u> | <u>Value</u> | 5.5         | Dredging History:          | <b>None</b>       |
| 3.1                 | Alluvial Fan:             | <b>None</b>        |              | 6.1         | Berms & Roads Data:        |                   |
| 3.2                 | Grade Control:            | <b>None</b>        |              |             | <u>One Side</u>            | <u>Both Sides</u> |
| 5.2                 | # of Bridges or Culverts: |                    |              |             | Berms & Roads:             |                   |
|                     | Total Length:             |                    |              | 6.2         | Dev. Length:               |                   |
| 5.3                 | Armoring Length           | <u>Left</u>        | <u>Right</u> |             | Corridor Development Data: |                   |
|                     | Data Armoring:            | <b>None</b>        |              |             | <u>Old</u>                 | <u>New</u>        |
| 5.4                 | Straightening Length:     |                    |              | 7.2         | Bank Erosion:              | <b>None</b>       |
|                     | Straightening Data:       | <b>None</b>        |              |             | Bank Height:               | <b>N.D.</b>       |

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| Reach: <b>T1.03</b> |                           |                    |                | <u>Step</u> | <u>Description</u>         | <u>Value</u>          |
|---------------------|---------------------------|--------------------|----------------|-------------|----------------------------|-----------------------|
|                     | <u>Step</u>               | <u>Description</u> | <u>Value</u>   | 5.5         | Dredging History:          | <b>None</b>           |
| 3.1                 | Alluvial Fan:             | <b>None</b>        |                | 6.1         | Berms & Roads Data:        |                       |
| 3.2                 | Grade Control:            | <b>None</b>        |                |             | <u>One Side</u>            | <u>Both Sides</u>     |
| 5.2                 | # of Bridges or Culverts: | <b>1</b>           |                |             | Berms & Roads:             | <b>0.0000 0.0000</b>  |
|                     | Total Length:             | <b>0.000</b>       |                | 6.2         | Dev. Length:               | <b>0.0000 0.0000</b>  |
| 5.3                 | Armoring Length           | <u>Left</u>        | <u>Right</u>   |             | Corridor Development Data: |                       |
|                     |                           | <b>0.00000</b>     | <b>0.00000</b> |             | <u>Old</u>                 | <u>New</u>            |
|                     | Data Armoring:            | <b>None</b>        |                | 7.2         | Bank Erosion:              | <b>None 0.0000000</b> |
| 5.4                 | Straightening Length:     | <b>0.00000</b>     |                |             | Bank Height:               | <b>N.D. 0.000</b>     |
|                     | Straightening Data:       | <b>None</b>        |                |             |                            |                       |



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| Reach: <b>T1.04</b> |                           | <u>Step</u> | <u>Description</u>         | <u>Value</u>                    |
|---------------------|---------------------------|-------------|----------------------------|---------------------------------|
|                     |                           | 5.5         | Dredging History:          | <b>None</b>                     |
| 3.1                 | Alluvial Fan:             | 6.1         | Berms & Roads Data:        |                                 |
| 3.2                 | Grade Control:            |             | <u>One Side</u>            | <u>Both Sides</u>               |
| 5.2                 | # of Bridges or Culverts: |             | Berms & Roads:             | <b>0.0000</b> <b>0.0000</b>     |
|                     | Total Length:             | 6.2         | Dev. Length:               | <b>376.1200</b> <b>869.7000</b> |
| 5.3                 | Armoring Length           |             | Corridor Development Data: |                                 |
|                     |                           |             | <u>Old</u>                 | <u>New</u>                      |
|                     | Data Armoring:            | 7.2         | Bank Erosion:              | <b>None</b> <b>0.0000000</b>    |
| 5.4                 | Straightening Length:     |             | Bank Height:               | <b>N.D.</b> <b>0.000</b>        |
|                     | Straightening Data:       |             |                            |                                 |

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| Reach: <b>T1.05</b> |                           | <u>Step</u> | <u>Description</u>         | <u>Value</u>      |
|---------------------|---------------------------|-------------|----------------------------|-------------------|
|                     |                           | 5.5         | Dredging History:          | <b>None</b>       |
| 3.1                 | Alluvial Fan:             | 6.1         | Berms & Roads Data:        |                   |
| 3.2                 | Grade Control:            |             | <u>One Side</u>            | <u>Both Sides</u> |
| 5.2                 | # of Bridges or Culverts: |             | Berms & Roads:             |                   |
|                     | Total Length:             | 6.2         | Dev. Length:               |                   |
| 5.3                 | Armoring Length           |             | Corridor Development Data: |                   |
|                     |                           |             | <u>Old</u>                 | <u>New</u>        |
|                     | Data Armoring:            | 7.2         | Bank Erosion:              | <b>N.D.</b>       |
| 5.4                 | Straightening Length:     |             | Bank Height:               | <b>N.D.</b>       |
|                     | Straightening Data:       |             |                            |                   |



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|                   |                           |                               |             |                            |                              |
|-------------------|---------------------------|-------------------------------|-------------|----------------------------|------------------------------|
| Reach: <b>M06</b> |                           |                               | <u>Step</u> | <u>Description</u>         | <u>Value</u>                 |
| <u>Step</u>       | <u>Description</u>        | <u>Value</u>                  | 5.5         | Dredging History:          | <b>None</b>                  |
| 3.1               | Alluvial Fan:             | <b>None</b>                   | 6.1         | Berms & Roads Data:        |                              |
| 3.2               | Grade Control:            | <b>None</b>                   |             | <u>One Side</u>            | <u>Both Sides</u>            |
| 5.2               | # of Bridges or Culverts: | <b>1</b>                      |             | Berms & Roads:             | <b>0.0000</b> <b>0.0000</b>  |
|                   | Total Length:             | <b>0.000</b>                  | 6.2         | Dev. Length:               | <b>0.0000</b> <b>0.0000</b>  |
| 5.3               | Armoring Length           | <u>Left</u> <u>Right</u>      |             | Corridor Development Data: |                              |
|                   |                           | <b>0.00000</b> <b>0.00000</b> |             | <u>Old</u>                 | <u>New</u>                   |
|                   | Data Armoring:            | <b>None</b>                   | 7.2         | Bank Erosion:              | <b>None</b> <b>0.0000000</b> |
| 5.4               | Straightening Length:     | <b>88.16000</b>               |             | Bank Height:               | <b>N.D.</b> <b>0.000</b>     |
|                   | Straightening Data:       |                               |             |                            |                              |

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|                   |                           |                               |             |                            |                              |
|-------------------|---------------------------|-------------------------------|-------------|----------------------------|------------------------------|
| Reach: <b>M07</b> |                           |                               | <u>Step</u> | <u>Description</u>         | <u>Value</u>                 |
| <u>Step</u>       | <u>Description</u>        | <u>Value</u>                  | 5.5         | Dredging History:          | <b>None</b>                  |
| 3.1               | Alluvial Fan:             | <b>None</b>                   | 6.1         | Berms & Roads Data:        |                              |
| 3.2               | Grade Control:            | <b>Dam</b>                    |             | <u>One Side</u>            | <u>Both Sides</u>            |
| 5.2               | # of Bridges or Culverts: | <b>2</b>                      |             | Berms & Roads:             | <b>0.0000</b> <b>0.0000</b>  |
|                   | Total Length:             | <b>0.000</b>                  | 6.2         | Dev. Length:               | <b>0.0000</b> <b>0.0000</b>  |
| 5.3               | Armoring Length           | <u>Left</u> <u>Right</u>      |             | Corridor Development Data: |                              |
|                   |                           | <b>0.00000</b> <b>0.00000</b> |             | <u>Old</u>                 | <u>New</u>                   |
|                   | Data Armoring:            | <b>None</b>                   | 7.2         | Bank Erosion:              | <b>None</b> <b>0.0000000</b> |
| 5.4               | Straightening Length:     | <b>221.84000</b>              |             | Bank Height:               | <b>N.D.</b> <b>0.000</b>     |
|                   | Straightening Data:       |                               |             |                            |                              |



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| Reach: <b>M08</b> |                           | <u>Step</u>        | <u>Description</u>         | <u>Value</u>                 |
|-------------------|---------------------------|--------------------|----------------------------|------------------------------|
|                   | <u>Step</u>               | <u>Description</u> | <u>Value</u>               |                              |
| 3.1               | Alluvial Fan:             |                    | <b>None</b>                |                              |
| 3.2               | Grade Control:            |                    | <b>None</b>                |                              |
| 5.2               | # of Bridges or Culverts: |                    | <b>0</b>                   |                              |
|                   | Total Length:             |                    | <b>0.000</b>               |                              |
| 5.3               | Armoring Length           | <u>Left</u>        | <u>Right</u>               |                              |
|                   |                           | <b>0.00000</b>     | <b>0.00000</b>             |                              |
|                   | Data Armoring:            |                    | <b>None</b>                |                              |
| 5.4               | Straightening Length:     |                    | <b>0.00000</b>             |                              |
|                   | Straightening Data:       |                    | <b>None</b>                |                              |
|                   |                           | <u>Step</u>        | <u>Description</u>         | <u>Value</u>                 |
|                   |                           | 5.5                | Dredging History:          | <b>None</b>                  |
|                   |                           | 6.1                | Berms & Roads Data:        |                              |
|                   |                           |                    | <u>One Side</u>            | <u>Both Sides</u>            |
|                   |                           |                    | Berms & Roads:             | <b>0.0000</b> <b>0.0000</b>  |
|                   |                           | 6.2                | Dev. Length:               | <b>0.0000</b> <b>0.0000</b>  |
|                   |                           |                    | Corridor Development Data: |                              |
|                   |                           |                    | <u>Old</u>                 | <u>New</u>                   |
|                   |                           | 7.2                | Bank Erosion:              | <b>None</b> <b>0.0000000</b> |
|                   |                           |                    | Bank Height:               | <b>N.D.</b> <b>0.000</b>     |