

**APPENDIX D**  
**FUNCTIONAL VALUE SCORES**



## **Appendix D**

### **METHODS USED TO ANSWER QUESTIONS**

#### **Ecological Integrity**

- 1.1 Water quality map used to estimate inflow quality, subject to field observations.
- 1.2 New London soils map used to estimate percent very poorly drained soils.
- 1.3 Town zoning map, current Fuss and O'Neill, Inc. (F&O) zoning map and aerial photos used for dominant land use zoning of wetlands.
- 1.4 Aerial photographs used to estimate the number of buildings within 500 ft of the wetland boundary (per 10 ac of wetland).
- 1.5 Field observations of fill, limited by viewing location.
- 1.6 Aerial photographs were measured to estimate percent natural vegetation edge.
- 1.7 Field observations of litter and disturbance in wetlands, limited by viewing locations.
- 1.8 Field observations of litter and disturbance within 500 ft, limited by viewing locations.
- 1.9 Field observations of mowing, farming, etc., limited by viewing locations.
- 1.10 Field observations of wetland drainage, limited by viewing locations.
- 1.11 Aerial photographs and town road map used to count crossings.
- 1.12 Aerial photographs, topo maps and road map used to locate for dams, dikes or impoundments.

#### **Wildlife Habitat**

- 2.1 Ecological Integrity score.
- 2.2 Used F&O calculations of wetland areas based on soils. Stream reach areas included adjoining wetlands.
- 2.3 Used a grid enumeration method to estimate pond areas from aerial photographs.
- 2.4 US Fish and Wildlife wetland class maps and aeriels used for total number of wetland classes. Field observations limited by viewing locations.
- 2.5 Same for dominant wetland class.
- 2.6 F&O wetland map used to locate upland islands.
- 2.7 Travel lanes to other wetlands estimated from aerial photos.
- 2.8 Aerial photographs were measured to locate 500 ft natural buffer areas.

#### **Finfish Habitat - Streams**

- 3.1 Water quality map used, subject to field observations.
- 3.2 Dam on Jordan Brook acts as an anadromous fish barrier for entire watershed.
- 3.3 Used topo map to determine stream order.
- 3.4 Used land use map, F&O watersheds map and aerial photos to determine dominant land use in the watershed.
- 3.5 Field observations of stream width. Limited by viewing locations.

- 3.6 Field observations of available shade. Limited by viewing locations.
- 3.7 Field observations of channel type. Limited by viewing locations.
- 3.8 Field observations of cover. Limited by viewing locations.
- 3.9 Field observations of spawning areas. Limited by viewing locations.

#### **Finfish Habitat - Ponds**

- 3.1 Water quality map used, subject to field observations.
- 3.2 Dam on Jordan Brook acts as an anadromous fish barrier for entire watershed.
- 3.3 Grid enumeration method used to estimate pond areas.
- 3.4 Depth estimated from observations of aquatic vegetation (i.e., lily pads = 4 ft or less, otherwise 4 - 20 ft. Unlikely that any of these small ponds are over 20 ft in depth).
- 3.5 Estimated transparency from shoreline water clarity. Based on my pond experience.
- 3.6 Percent emergent vegetation estimated from surface observations.

#### **Visual/Esthetic Quality**

Questions 5.1 through 5.9 were answered by observations in the field at the viewing locations. Question 5.10 is the Wildlife Habitat FVI score.

## **Appendix D**

### **WETLAND VALUE GRAPHS**

#### **Functional Value Indices**

Bar graphs show mean Functional Values Indices (FVI) for all wetlands within the five major segments: Lower, Middle and Upper Jordan Brook, Nevins Brook and East Brook. Wetlands are arranged from left to right in the order of Mainstem Sections, Tributaries, Swamps and Ponds. Each bar represents the average of four functional value indices for *Ecological Integrity*, *Wildlife Habitat*, *Fish Habitat* and *Visual/Esthetic*.

#### **Wetland Value Units**

Bar graphs, arranged as above, show Wetland Value Units (WVU) which reflect the size of the various wetlands.

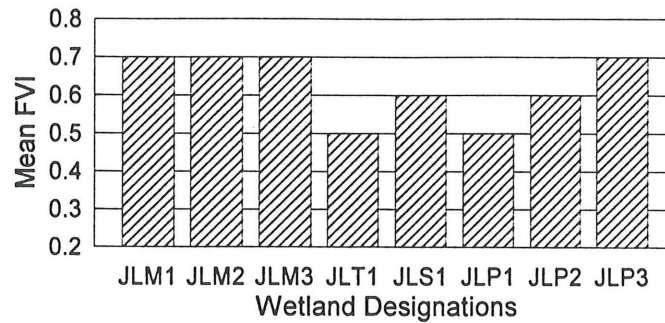
#### **Cumulative Functional Values**

Stacked bar graphs, similarly arranged, indicate the relative importance of the four functional values for each wetland.



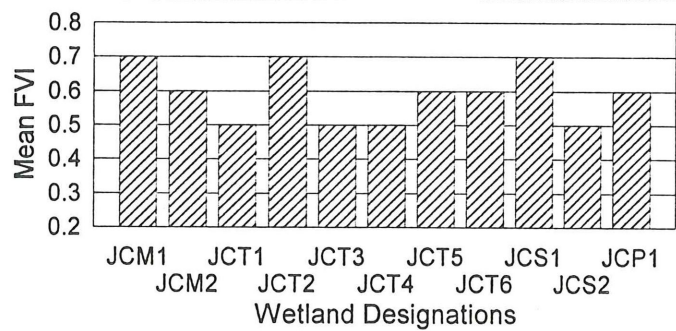
## LOWER JORDAN BROOK

### FUNCTIONAL VALUE INDICES



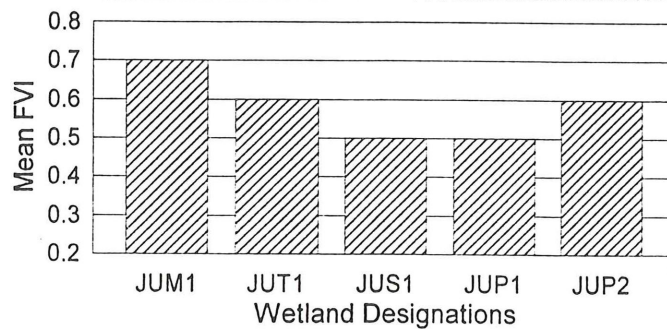
## CENTRAL JORDAN BROOK

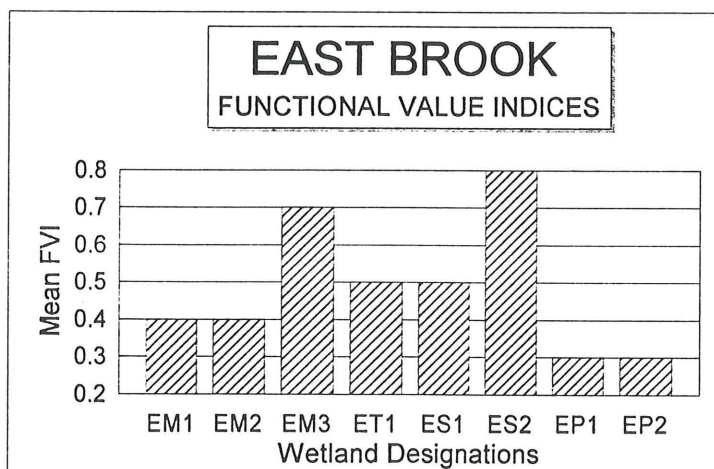
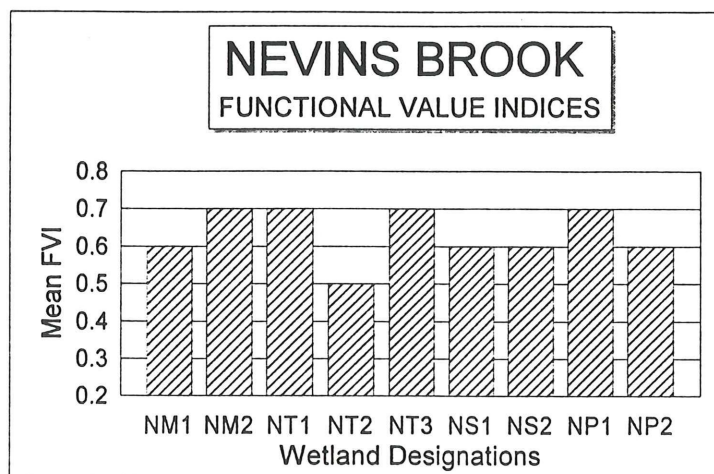
### FUNCTIONAL VALUE INDICES

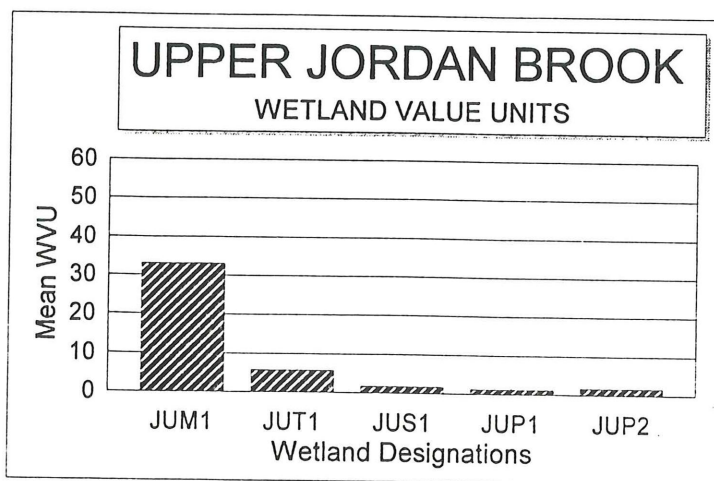
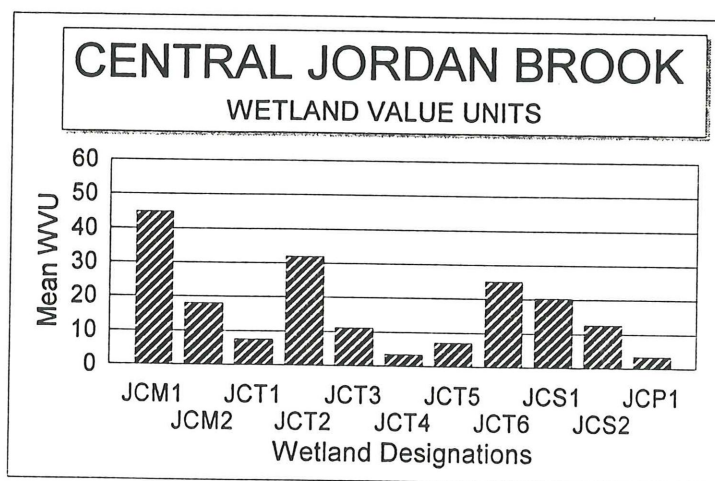
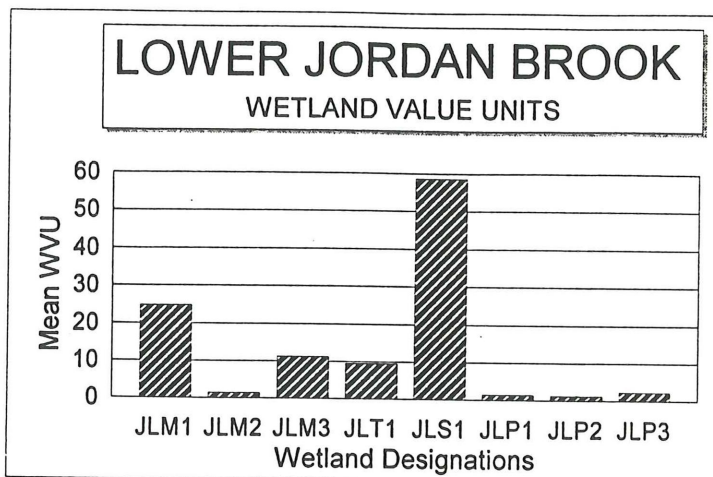


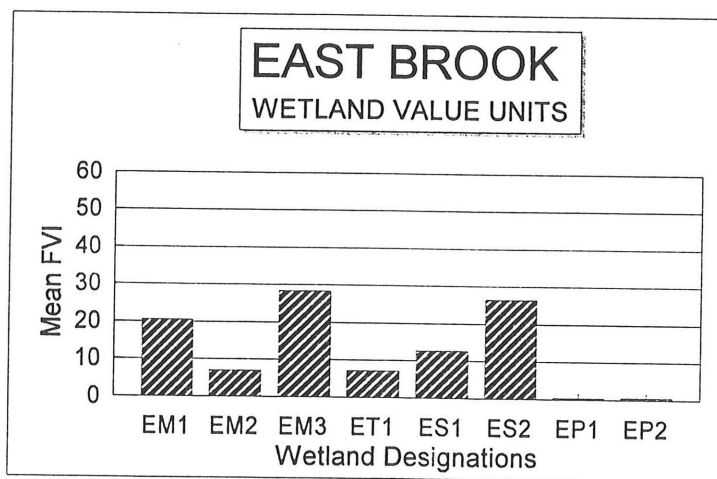
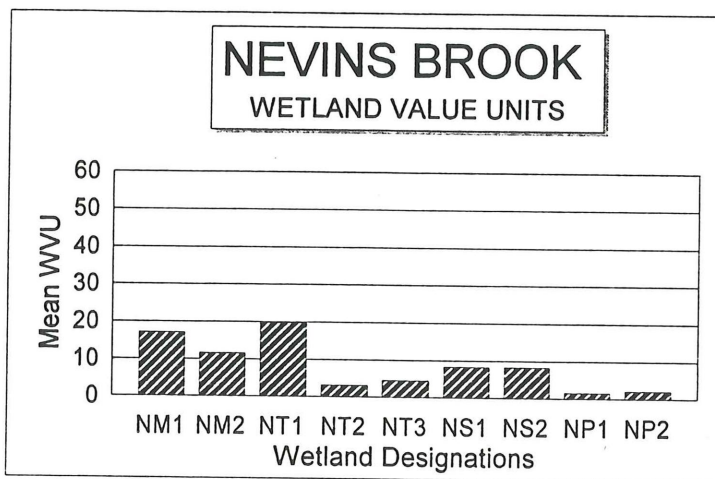
## UPPER JORDAN BROOK

### FUNCTIONAL VALUE INDICES



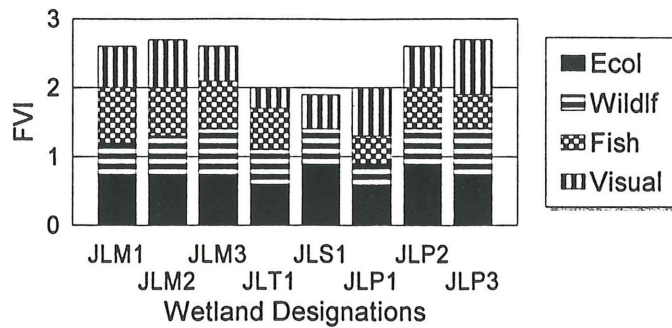






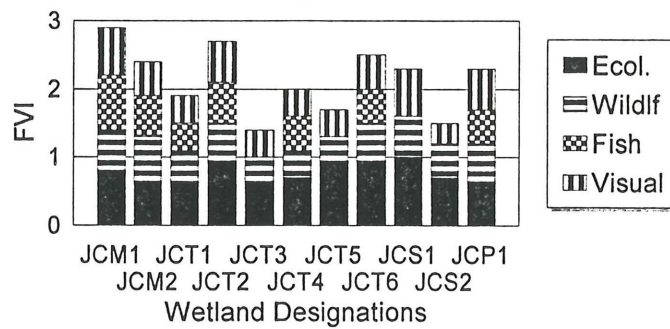
## LOWER JORDAN BROOK

### CUMULATIVE FUNCTIONAL VALUES



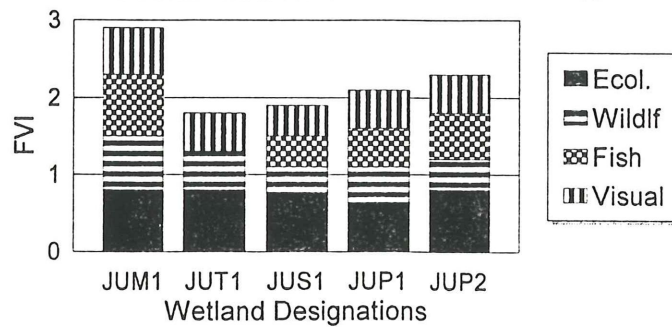
## CENTRAL JORDAN BROOK

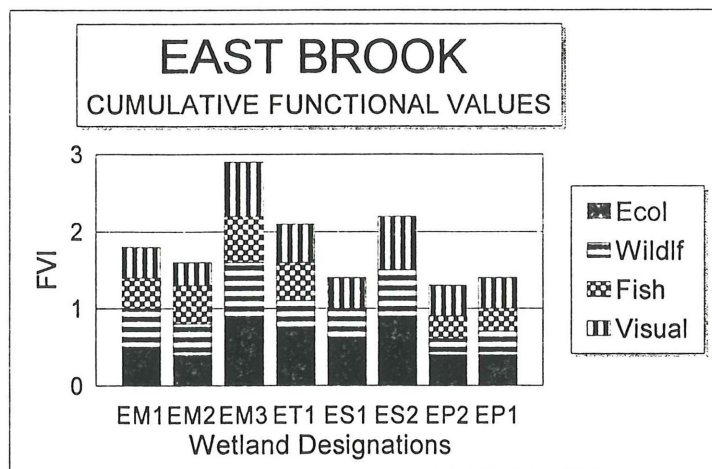
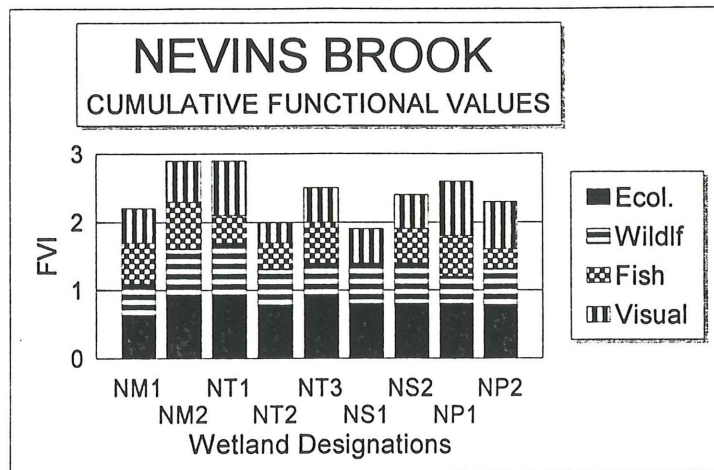
### CUMULATIVE FUNCTIONAL VALUES



## UPPER JORDAN BROOK

### CUMULATIVE FUNCTIONAL VALUES





## **Appendix D**

### **TABLES OF WETLAND VALUES**

Scores are shown for the individual questions within each of the four functions. The average score, i.e. Functional Value Index (FVI), is indicated for each wetland. Mean FVI is the average for two or more viewing locations within a single wetland. The area of each wetland (in acres) multiplied by the FVI gives the Wetland Value Units score (WVU) for each wetland. A summary of these data is shown in Table 3.

|                        |          |                           |       |      |      |      |      |      |
|------------------------|----------|---------------------------|-------|------|------|------|------|------|
|                        |          |                           |       |      |      |      |      |      |
| JORDAN BROOK WATERSHED |          | WETLAND FUNCTIONAL VALUES |       |      |      |      |      |      |
| Waterford, CT          |          |                           |       |      |      |      |      |      |
|                        |          | LOWER JORDAN BROOK        |       |      |      |      |      |      |
|                        |          |                           |       |      |      |      |      |      |
| Functional             |          |                           |       |      |      |      |      |      |
| Values                 | Question | JLM1A                     | JLM1B | JLM2 | JLM3 | JLT1 | JLS1 | JLP1 |
|                        |          |                           |       |      |      |      |      |      |
| Function 1             |          |                           |       |      |      |      |      |      |
| Ecological Integrity   |          |                           |       |      |      |      |      |      |
|                        | 1.1      | 1.0                       | 1.0   | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  |
|                        | 1.2      | 1.0                       | 1.0   | 0.1  | 0.1  | 0.1  | 1.0  | 1.0  |
|                        | 1.3      | 0.5                       | 0.5   | 1.0  | 1.0  | 0.1  | 1.0  | 0.1  |
|                        | 1.4      | 0.1                       | 0.1   | 0.1  | 0.5  | 0.1  | 0.5  | 0.1  |
|                        | 1.5      | 1.0                       | 1.0   | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  |
|                        | 1.6      | 0.1                       | 0.1   | 0.5  | 0.5  | 0.1  | 1.0  | 0.1  |
|                        | 1.7      | 1.0                       | 0.5   | 0.5  | 0.5  | 0.1  | 0.1  | 0.1  |
|                        | 1.8      | 0.1                       | 0.5   | 0.5  | 0.1  | 0.1  | 0.5  | 0.1  |
|                        | 1.9      | 1.0                       | 1.0   | 1.0  | 1.0  | 1.0  | 0.5  | 0.1  |
|                        | 1.10     | 1.0                       | 1.0   | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  |
|                        | 1.11     | 1.0                       | 1.0   | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  |
|                        | 1.12     | 1.0                       | 1.0   | 0.5  | 1.0  | 1.0  | 1.0  | 0.1  |
|                        |          |                           |       |      |      |      |      |      |
|                        | FVI      | 0.7                       | 0.7   | 0.7  | 0.7  | 0.6  | 0.8  | 0.5  |
|                        | Mean FVI | 0.7                       |       |      |      |      |      |      |
|                        | AREA     | 37.4                      |       | 2.0  | 17.1 | 18.9 | 93.9 | 3.0  |
|                        | WVU      | 27.3                      |       | 1.4  | 12.4 | 10.4 | 75.1 | 1.4  |
|                        |          |                           |       |      |      |      |      |      |
| Function 2             |          |                           |       |      |      |      |      |      |
| Wildlife Habitat       |          |                           |       |      |      |      |      |      |
|                        | 2.1      | 0.7                       | 0.7   | 0.7  | 0.7  | 0.6  | 0.8  | 0.5  |
|                        | 2.2      | 1.0                       | 1.0   | 0.1  | 1.0  | 1.0  | 1.0  | 0.5  |
|                        | 2.3      | 0.5                       | 0.5   | 0.1  | 0.5  | 0.1  | 0.1  | 0.5  |
|                        | 2.4      | 0.5                       | 0.5   | 1.0  | 0.5  | 1.0  | 0.1  | 0.1  |
|                        | 2.5      | 0.5                       | 0.5   | 0.5  | 0.5  | 0.5  | 0.5  | 1.0  |
|                        | 2.6      | 0.1                       | 0.1   | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  |
|                        | 2.7      | 0.1                       | 0.1   | 1.0  | 1.0  | 0.5  | 1.0  | 0.5  |
|                        | 2.8      | 0.5                       | 0.5   | 1.0  | 1.0  | 0.1  | 1.0  | 0.1  |
|                        |          |                           |       |      |      |      |      |      |
|                        | FVI      | 0.5                       | 0.5   | 0.6  | 0.7  | 0.5  | 0.6  | 0.4  |
|                        | Mean FVI | 0.5                       |       |      |      |      |      |      |
|                        | AREA     | 37.4                      |       | 2.0  | 17.1 | 18.9 | 93.9 | 3.0  |
|                        | WVU      | 18.4                      |       | 1.1  | 11.4 | 9.1  | 54.0 | 1.2  |
|                        |          |                           |       |      |      |      |      |      |
| Function 3A            |          |                           |       |      |      |      | N/A  | N/A  |
| Fish Habitat Streams   |          |                           |       |      |      |      |      |      |
|                        | 3.1      | 1.0                       | 1.0   | 1.0  | 1.0  | 1.0  |      |      |
|                        | 3.2      | 0.1                       | 0.1   | 0.1  | 0.1  | 0.1  |      |      |
|                        | 3.3      | 1.0                       | 1.0   | 0.5  | 0.5  | 0.5  |      |      |
|                        | 3.4      | 1.0                       | 1.0   | 1.0  | 1.0  | 0.1  |      |      |
|                        | 3.5      | 0.5                       | 0.5   | 0.5  | 0.5  | 0.5  |      |      |

|                        |          |                           |       |      |      |      |      |      |
|------------------------|----------|---------------------------|-------|------|------|------|------|------|
|                        |          |                           |       |      |      |      |      |      |
| JORDAN BROOK WATERSHED |          | WETLAND FUNCTIONAL VALUES |       |      |      |      |      |      |
| Waterford, CT          |          |                           |       |      |      |      |      |      |
|                        |          | LOWER JORDAN BROOK        |       |      |      |      |      |      |
|                        |          |                           |       |      |      |      |      |      |
| Functional             |          |                           |       |      |      |      |      |      |
| Values                 | Question | JLM1A                     | JLM1B | JLM2 | JLM3 | JLT1 | JLS1 | JLP1 |
|                        |          |                           |       |      |      |      |      |      |
|                        | 3.6      | 1.0                       | 1.0   | 1.0  | 1.0  | 1.0  |      |      |
|                        | 3.7      | 1.0                       | 1.0   | 1.0  | 0.5  | 1.0  |      |      |
|                        | 3.8      | 1.0                       | 1.0   | 0.5  | 1.0  | 0.5  |      |      |
|                        | 3.9      | 0.5                       | 1.0   | 1.0  | 1.0  | 1.0  |      |      |
|                        |          |                           |       |      |      |      |      |      |
|                        | FVI      | 0.8                       | 0.8   | 0.7  | 0.7  | 0.6  |      |      |
|                        | Mean FVI | 0.8                       |       |      |      |      |      |      |
|                        | AREA     | 37.4                      |       | 2.0  | 17.1 | 18.9 |      |      |
|                        | WVU      | 30.5                      |       | 1.5  | 12.5 | 12.0 |      |      |
|                        |          |                           |       |      |      |      |      |      |
| Function 3B            |          |                           |       |      |      |      |      |      |
| Fish Habitat Ponds     |          |                           |       |      |      |      |      |      |
|                        |          | N/A                       | N/A   | N/A  | N/A  | N/A  | N/A  |      |
|                        | 3.1      |                           |       |      |      |      |      | 1.0  |
|                        | 3.2      |                           |       |      |      |      |      | 0.1  |
|                        | 3.3      |                           |       |      |      |      |      | 0.5  |
|                        | 3.4      |                           |       |      |      |      |      | 0.1  |
|                        | 3.5      |                           |       |      |      |      |      | 0.5  |
|                        | 3.6      |                           |       |      |      |      |      | 0.1  |
|                        |          |                           |       |      |      |      |      |      |
|                        | FVI      |                           |       |      |      |      |      | 0.4  |
|                        | Mean FVI |                           |       |      |      |      |      |      |
|                        | AREA     |                           |       |      |      |      |      | 3.0  |
|                        | WVU      |                           |       |      |      |      |      | 1.2  |
|                        |          |                           |       |      |      |      |      |      |
| Function 5             |          |                           |       |      |      |      |      |      |
| Visual/Esthetic        |          |                           |       |      |      |      |      |      |
|                        | 5.1      | 0.1                       | 0.1   | 0.1  | 0.5  | 0.1  | 0.5  | 0.1  |
|                        | 5.2      | 0.5                       | 0.1   | 0.1  | 0.1  | 0.1  | 0.1  | 1.0  |
|                        | 5.3      | 1.0                       | 0.1   | 1.0  | 1.0  | 0.5  | 0.1  | 1.0  |
|                        | 5.4      | 1.0                       | 1.0   | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  |
|                        | 5.5      | 0.1                       | 1.0   | 1.0  | 0.1  | 0.1  | 0.1  | 1.0  |
|                        | 5.6      | 1.0                       | 0.5   | 0.5  | 0.5  | 0.5  | 0.5  | 0.5  |
|                        | 5.7      | 0.5                       | 0.5   | 1.0  | 0.1  | 0.1  | 0.1  | 0.5  |
|                        | 5.8      | 1.0                       | 0.5   | 1.0  | 1.0  | 0.5  | 1.0  | 0.5  |
|                        | 5.9      | 1.0                       | 1.0   | 1.0  | 0.1  | 0.1  | 1.0  | 1.0  |
|                        | 5.10     | 0.5                       | 0.5   | 0.6  | 0.7  | 0.5  | 0.6  | 0.4  |
|                        |          |                           |       |      |      |      |      |      |
|                        | FVI      | 0.7                       | 0.5   | 0.7  | 0.5  | 0.3  | 0.5  | 0.7  |
|                        | Mean FVI | 0.6                       |       |      |      |      |      |      |
|                        | AREA     | 37.4                      |       | 2.0  | 17.1 | 18.9 | 93.9 | 3.0  |
|                        | WVU      | 22.5                      |       | 1.5  | 8.7  | 6.6  | 46.7 | 2.1  |

|                               |          |      |      |      |       |      |       |       |
|-------------------------------|----------|------|------|------|-------|------|-------|-------|
| <b>JORDAN BROOK WATERSHED</b> |          |      |      |      |       |      |       |       |
| Waterford, CT                 |          |      |      |      |       |      |       |       |
| CENTRAL JORDAN BROOK          |          |      |      |      |       |      |       |       |
| Functional Values             | Question | JLP2 | JLP3 | JCM1 | JCM2A | JCT1 | JCT2A | JCT2B |
| <b>Function 1</b>             |          |      |      |      |       |      |       |       |
| <b>Ecological Integrity</b>   |          |      |      |      |       |      |       |       |
|                               | 1.1      | 1.0  | 1.0  | 1.0  | 1.0   | 1.0  | 1.0   | 1.0   |
|                               | 1.2      | 1.0  | 1.0  | 0.1  | 0.1   | 0.5  | 1.0   | 1.0   |
|                               | 1.3      | 0.5  | 0.1  | 1.0  | 1.0   | 0.1  | 1.0   | 1.0   |
|                               | 1.4      | 0.1  | 0.1  | 1.0  | 0.5   | 0.5  | 0.5   | 0.5   |
|                               | 1.5      | 1.0  | 1.0  | 1.0  | 0.5   | 0.1  | 1.0   | 1.0   |
|                               | 1.6      | 0.5  | 0.5  | 1.0  | 0.5   | 1.0  | 1.0   | 1.0   |
|                               | 1.7      | 1.0  | 0.5  | 0.5  | 0.5   | 0.1  | 1.0   | 0.5   |
|                               | 1.8      | 1.0  | 0.5  | 0.5  | 0.1   | 0.1  | 1.0   | 0.5   |
|                               | 1.9      | 1.0  | 1.0  | 1.0  | 0.1   | 0.5  | 1.0   | 1.0   |
|                               | 1.10     | 1.0  | 1.0  | 1.0  | 1.0   | 1.0  | 1.0   | 1.0   |
|                               | 1.11     | 1.0  | 1.0  | 1.0  | 1.0   | 1.0  | 1.0   | 1.0   |
|                               | 1.12     | 0.5  | 0.5  | 1.0  | 1.0   | 1.0  | 1.0   | 0.5   |
|                               | FVI      | 0.8  | 0.7  | 0.8  | 0.6   | 0.6  | 1.0   | 0.8   |
|                               | Mean FVI |      |      |      |       |      | 0.9   |       |
|                               | AREA     | 2.1  | 3.4  | 60.1 | 31.4  | 16.3 | 47.0  |       |
|                               | WVU      | 1.7  | 2.3  | 50.6 | 19.1  | 9.4  | 42.1  |       |
| <b>Function 2</b>             |          |      |      |      |       |      |       |       |
| <b>Wildlife Habitat</b>       |          |      |      |      |       |      |       |       |
|                               | 2.1      | 0.8  | 0.7  | 0.8  | 0.6   | 0.6  | 1.0   | 0.8   |
|                               | 2.2      | 0.1  | 0.5  | 1.0  | 1.0   | 1.0  | 1.0   | 1.0   |
|                               | 2.3      | 0.5  | 1.0  | 0.5  | 1.0   | 0.1  | 0.5   | 0.5   |
|                               | 2.4      | 0.5  | 0.5  | 0.5  | 1.0   | 0.5  | 0.5   | 0.5   |
|                               | 2.5      | 1.0  | 1.0  | 0.5  | 0.5   | 0.5  | 0.5   | 0.5   |
|                               | 2.6      | 0.1  | 0.1  | 0.1  | 0.1   | 0.1  | 0.1   | 0.1   |
|                               | 2.7      | 0.5  | 1.0  | 0.5  | 0.5   | 0.1  | 0.5   | 0.5   |
|                               | 2.8      | 1.0  | 1.0  | 1.0  | 0.5   | 1.0  | 1.0   | 1.0   |
|                               | FVI      | 0.6  | 0.7  | 0.6  | 0.7   | 0.5  | 0.6   | 0.6   |
|                               | Mean FVI |      |      |      |       |      | 0.6   |       |
|                               | AREA     | 2.1  | 3.4  | 60.1 | 31.4  | 16.3 | 47.0  |       |
|                               | WVU      | 1.2  | 2.5  | 37.1 | 20.4  | 7.9  | 29.4  |       |
| <b>Function 3A</b>            |          |      |      |      |       |      |       |       |
| <b>Fish Habitat Streams</b>   |          |      |      |      |       |      |       |       |
|                               | 3.1      |      |      | 1.0  | 1.0   | 1.0  | 1.0   | 1.0   |
|                               | 3.2      |      |      | 0.1  | 0.1   | 0.1  | 0.1   | 0.1   |
|                               | 3.3      |      |      | 0.5  | 0.5   | 0.1  | 0.1   | 0.1   |
|                               | 3.4      |      |      | 1.0  | 1.0   | 0.5  | 1.0   | 1.0   |
|                               | 3.5      |      |      | 0.5  | 0.5   | 0.1  | 0.5   | 0.5   |

|                               |          |      |      |      |       |      |       |       |
|-------------------------------|----------|------|------|------|-------|------|-------|-------|
| <b>JORDAN BROOK WATERSHED</b> |          |      |      |      |       |      |       |       |
| Waterford, CT                 |          |      |      |      |       |      |       |       |
| <b>CENTRAL JORDAN BROOK</b>   |          |      |      |      |       |      |       |       |
| <hr/>                         |          |      |      |      |       |      |       |       |
| Functional                    |          |      |      |      |       |      |       |       |
| Values                        | Question | JLP2 | JLP3 | JCM1 | JCM2A | JCT1 | JCT2A | JCT2B |
| <hr/>                         |          |      |      |      |       |      |       |       |
|                               | 3.6      |      |      | 1.0  | 0.5   | 0.5  | 1.0   | 1.0   |
|                               | 3.7      |      |      | 1.0  | 0.1   | 0.5  | 1.0   | 0.5   |
|                               | 3.8      |      |      | 1.0  | 0.5   | 0.5  | 0.5   | 0.5   |
|                               | 3.9      |      |      | 1.0  | 1.0   | 0.1  | 0.1   | 0.5   |
|                               | FVI      |      |      | 0.8  | 0.6   | 0.4  | 0.6   | 0.6   |
|                               | Mean FVI |      |      |      |       |      | 0.6   |       |
|                               | AREA     |      |      | 60.1 | 31.4  | 16.3 | 47.0  |       |
|                               | WVU      |      |      | 47.4 | 18.1  | 6.2  | 27.4  |       |
| <hr/>                         |          |      |      |      |       |      |       |       |
| Function 3B                   |          |      |      |      |       |      |       |       |
| Fish Habitat Ponds            |          |      |      |      |       |      |       |       |
|                               |          |      |      | N/A  | N/A   | N/A  | N/A   | N/A   |
|                               | 3.1      | 1.0  | 1.0  |      |       |      |       |       |
|                               | 3.2      | 0.1  | 0.1  |      |       |      |       |       |
|                               | 3.3      | 0.1  | 0.1  |      |       |      |       |       |
|                               | 3.4      | 0.5  | 0.5  |      |       |      |       |       |
|                               | 3.5      | 1.0  | 1.0  |      |       |      |       |       |
|                               | 3.6      | 1.0  | 0.5  |      |       |      |       |       |
|                               | FVI      | 0.6  | 0.5  |      |       |      |       |       |
|                               | Mean FVI |      |      |      |       |      |       |       |
|                               | AREA     | 2.1  | 3.4  |      |       |      |       |       |
|                               | WVU      | 1.3  | 1.8  |      |       |      |       |       |
| <hr/>                         |          |      |      |      |       |      |       |       |
| Function 5                    |          |      |      |      |       |      |       |       |
| Visual/Esthetic               | 5.1      | 0.5  | 0.5  | 0.5  | 0.1   | 0.5  | 1.0   | 0.5   |
|                               | 5.2      | 1.0  | 1.0  | 0.1  | 0.1   | 1.0  | 0.1   | 0.1   |
|                               | 5.3      | 0.5  | 0.5  | 1.0  | 0.1   | 0.1  | 1.0   | 0.1   |
|                               | 5.4      | 1.0  | 1.0  | 1.0  | 1.0   | 1.0  | 1.0   | 0.5   |
|                               | 5.5      | 0.5  | 1.0  | 1.0  | 0.5   | 0.1  | 1.0   | 0.5   |
|                               | 5.6      | 0.5  | 0.5  | 1.0  | 0.5   | 0.1  | 1.0   | 0.5   |
|                               | 5.7      | 0.1  | 1.0  | 0.1  | 1.0   | 0.1  | 0.5   | 0.5   |
|                               | 5.8      | 0.5  | 1.0  | 1.0  | 0.5   | 0.5  | 1.0   | 0.5   |
|                               | 5.9      | 0.5  | 1.0  | 1.0  | 0.1   | 0.1  | 1.0   | 0.1   |
|                               | 5.10     | 0.6  | 0.7  | 0.6  | 0.7   | 0.5  | 0.6   | 0.6   |
|                               | FVI      | 0.6  | 0.8  | 0.7  | 0.5   | 0.4  | 0.8   | 0.4   |
|                               | Mean FVI |      |      |      |       |      | 0.6   |       |
|                               | AREA     | 2.1  | 3.4  | 60.1 | 31.4  | 16.3 | 47.0  |       |
|                               | WVU      | 1.2  | 2.8  | 44.0 | 14.3  | 6.5  | 28.6  |       |

|                               |          |      |      |      |      |      |       |      |
|-------------------------------|----------|------|------|------|------|------|-------|------|
| <b>JORDAN BROOK WATERSHED</b> |          |      |      |      |      |      |       |      |
| Waterford, CT                 |          |      |      |      |      |      |       |      |
| <b>CENTRAL JORDAN BROOK</b>   |          |      |      |      |      |      |       |      |
| <hr/>                         |          |      |      |      |      |      |       |      |
| Functional                    |          |      |      |      |      |      |       |      |
| Values                        | Question | JCT3 | JCT4 | JCT5 | JCT6 | JCS1 | JCS2A | JCP1 |
| <hr/>                         |          |      |      |      |      |      |       |      |
| <b>Function 1</b>             |          |      |      |      |      |      |       |      |
| <b>Ecological Integrity</b>   |          |      |      |      |      |      |       |      |
|                               | 1.1      | 1.0  | 1.0  | 1.0  | 0.5  | 1.0  | 1.0   | 1.0  |
|                               | 1.2      | 0.5  | 0.1  | 1.0  | 1.0  | 1.0  | 1.0   | 1.0  |
|                               | 1.3      | 0.1  | 0.1  | 1.0  | 1.0  | 1.0  | 0.1   | 0.1  |
|                               | 1.4      | 0.5  | 0.1  | 1.0  | 0.5  | 1.0  | 0.5   | 1.0  |
|                               | 1.5      | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | 1.0   | 1.0  |
|                               | 1.6      | 0.1  | 0.1  | 1.0  | 1.0  | 1.0  | 0.5   | 1.0  |
|                               | 1.7      | 0.5  | 0.5  | 1.0  | 1.0  | 1.0  | 0.1   | 0.1  |
|                               | 1.8      | 0.5  | 1.0  | 0.5  | 1.0  | 1.0  | 0.1   | 0.1  |
|                               | 1.9      | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | 1.0   | 0.1  |
|                               | 1.10     | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | 1.0   | 1.0  |
|                               | 1.11     | 0.5  | 1.0  | 1.0  | 1.0  | 1.0  | 1.0   | 1.0  |
|                               | 1.12     | 1.0  | 1.0  | 0.5  | 1.0  | 0.5  | 0.5   | 0.1  |
|                               |          |      |      |      |      |      |       |      |
|                               | FVI      | 0.6  | 0.7  | 0.9  | 0.9  | 1.0  | 0.7   | 0.6  |
|                               | Mean FVI |      |      |      |      |      |       |      |
|                               | AREA     | 22.7 | 7.0  | 12.4 | 40.4 | 27.1 | 26.6  | 6.0  |
|                               | WVU      | 14.6 | 4.6  | 11.4 | 37.0 | 26.0 | 17.3  | 3.8  |
| <hr/>                         |          |      |      |      |      |      |       |      |
| <b>Function 2</b>             |          |      |      |      |      |      |       |      |
| <b>Wildlife Habitat</b>       |          |      |      |      |      |      |       |      |
|                               | 2.1      | 0.6  | 0.7  | 0.9  | 0.9  | 1.0  | 0.7   | 0.6  |
|                               | 2.2      | 1.0  | 0.5  | 0.1  | 1.0  | 1.0  | 1.0   | 0.5  |
|                               | 2.3      | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1   | 1.0  |
|                               | 2.4      | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 1.0   | 0.1  |
|                               | 2.5      | 0.5  | 0.5  | 0.5  | 0.5  | 0.5  | 0.5   | 1.0  |
|                               | 2.6      | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1   | 0.1  |
|                               | 2.7      | 0.5  | 1.0  | 0.1  | 1.0  | 1.0  | 0.1   | 0.5  |
|                               | 2.8      | 0.1  | 0.1  | 1.0  | 1.0  | 1.0  | 0.5   | 1.0  |
|                               |          |      |      |      |      |      |       |      |
|                               | FVI      | 0.4  | 0.4  | 0.4  | 0.6  | 0.6  | 0.5   | 0.6  |
|                               | Mean FVI |      |      |      |      |      |       |      |
|                               | AREA     | 22.7 | 7.0  | 12.4 | 40.4 | 27.1 | 26.6  | 6.0  |
|                               | WVU      | 8.6  | 2.7  | 4.5  | 23.8 | 16.1 | 13.1  | 3.6  |
| <hr/>                         |          |      |      |      |      |      |       |      |
| <b>Function 3A</b>            |          |      |      |      |      |      |       |      |
| <b>Fish Habitat Streams</b>   |          |      |      |      |      |      |       |      |
|                               | 3.1      |      | 1.0  |      | 0.5  |      |       |      |
|                               | 3.2      |      | 0.1  |      | 0.1  |      |       |      |
|                               | 3.3      |      | 0.1  |      | 0.1  |      |       |      |
|                               | 3.4      |      | 1.0  |      | 1.0  |      |       |      |
|                               | 3.5      |      | 0.1  |      | 0.1  |      |       |      |

|                               |          |                             |      |      |      |      |       |      |
|-------------------------------|----------|-----------------------------|------|------|------|------|-------|------|
| <b>JORDAN BROOK WATERSHED</b> |          |                             |      |      |      |      |       |      |
| Waterford, CT                 |          |                             |      |      |      |      |       |      |
|                               |          | <b>CENTRAL JORDAN BROOK</b> |      |      |      |      |       |      |
| Functional                    |          |                             |      |      |      |      |       |      |
| Values                        | Question | JCT3                        | JCT4 | JCT5 | JCT6 | JCS1 | JCS2A | JCP1 |
|                               | 3.6      |                             | 0.5  |      | 1.0  |      |       |      |
|                               | 3.7      |                             | 1.0  |      | 1.0  |      |       |      |
|                               | 3.8      |                             | 0.5  |      | 0.5  |      |       |      |
|                               | 3.9      |                             | 0.1  |      | 0.5  |      |       |      |
|                               | FVI      |                             | 0.5  |      | 0.5  |      |       |      |
|                               | Mean FVI |                             |      |      |      |      |       |      |
|                               | AREA     |                             | 7.0  |      | 40.4 |      |       |      |
|                               | WVU      |                             | 3.4  |      | 21.5 |      |       |      |
| Function 3B                   |          |                             |      |      |      |      |       |      |
| Fish Habitat Ponds            |          |                             |      |      |      |      |       |      |
|                               |          | N/A                         | N/A  | N/A  | N/A  | N/A  | N/A   |      |
|                               | 3.1      |                             |      |      |      |      |       | 1.0  |
|                               | 3.2      |                             |      |      |      |      |       | 0.1  |
|                               | 3.3      |                             |      |      |      |      |       | 0.5  |
|                               | 3.4      |                             |      |      |      |      |       | 0.5  |
|                               | 3.5      |                             |      |      |      |      |       | 0.5  |
|                               | 3.6      |                             |      |      |      |      |       | 0.1  |
|                               | FVI      |                             |      |      |      |      |       | 0.5  |
|                               | Mean FVI |                             |      |      |      |      |       |      |
|                               | AREA     |                             |      |      |      |      |       | 6.0  |
|                               | WVU      |                             |      |      |      |      |       | 2.7  |
| Function 5                    |          |                             |      |      |      |      |       |      |
| Visual/Esthetic               |          |                             |      |      |      |      |       |      |
|                               | 5.1      | 0.1                         | 0.1  | 0.1  | 0.1  | 0.1  | 0.1   | 0.1  |
|                               | 5.2      | 0.1                         | 1.0  | 0.1  | 0.1  | 0.5  | 0.1   | 1.0  |
|                               | 5.3      | 0.5                         | 0.5  | 0.1  | 0.1  | 1.0  | 0.1   | 0.5  |
|                               | 5.4      | 1.0                         | 0.1  | 0.5  | 1.0  | 1.0  | 0.1   | 1.0  |
|                               | 5.5      | 0.1                         | 0.1  | 0.1  | 0.1  | 0.1  | 0.1   | 1.0  |
|                               | 5.6      | 0.5                         | 0.5  | 0.5  | 1.0  | 1.0  | 0.1   | 0.1  |
|                               | 5.7      | 0.1                         | 0.1  | 0.5  | 0.5  | 0.5  | 0.1   | 0.1  |
|                               | 5.8      | 0.5                         | 1.0  | 0.5  | 1.0  | 1.0  | 0.5   | 1.0  |
|                               | 5.9      | 1.0                         | 0.5  | 1.0  | 0.1  | 1.0  | 1.0   | 0.1  |
|                               | 5.10     | 0.4                         | 0.4  | 0.4  | 0.6  | 0.6  | 0.5   | 0.6  |
|                               | FVI      | 0.4                         | 0.4  | 0.4  | 0.5  | 0.7  | 0.3   | 0.6  |
|                               | Mean FVI |                             |      |      |      |      |       |      |
|                               | AREA     | 22.7                        | 7.0  | 12.4 | 40.4 | 27.1 | 26.6  | 6.0  |
|                               | WVU      | 9.7                         | 3.0  | 4.7  | 18.5 | 18.4 | 7.2   | 3.3  |

|                               |          |       |       |      |      |      |      |
|-------------------------------|----------|-------|-------|------|------|------|------|
| <b>JORDAN BROOK WATERSHED</b> |          |       |       |      |      |      |      |
| Waterford, CT                 |          |       |       |      |      |      |      |
| UPPER JORDAN BROOK            |          |       |       |      |      |      |      |
| Functional                    |          |       |       |      |      |      |      |
| Values                        | Question | JUM1A | JUM1B | JUT1 | JUS1 | JUP1 | JUP2 |
| Function 1                    |          |       |       |      |      |      |      |
| Ecological Integrity          |          |       |       |      |      |      |      |
|                               | 1.1      | 1.0   | 1.0   | 1.0  | 1.0  | 1.0  | 1.0  |
|                               | 1.2      | 0.5   | 0.5   | 1.0  | 1.0  | N/A  | 1.0  |
|                               | 1.3      | 1.0   | 1.0   | 1.0  | 1.0  | 0.1  | 1.0  |
|                               | 1.4      | 0.5   | 0.5   | 1.0  | 1.0  | 0.1  | 0.5  |
|                               | 1.5      | 1.0   | 1.0   | 0.1  | 0.5  | 1.0  | 1.0  |
|                               | 1.6      | 0.5   | 0.5   | 1.0  | 0.1  | 0.1  | 0.5  |
|                               | 1.7      | 1.0   | 1.0   | 0.5  | 0.5  | 1.0  | 1.0  |
|                               | 1.8      | 0.1   | 1.0   | 0.5  | 0.1  | 0.1  | 0.5  |
|                               | 1.9      | 1.0   | 1.0   | 0.1  | 0.5  | 1.0  | 0.5  |
|                               | 1.10     | 1.0   | 1.0   | 1.0  | 1.0  | 1.0  | 1.0  |
|                               | 1.11     | 1.0   | 1.0   | 1.0  | 1.0  | 1.0  | 1.0  |
|                               | 1.12     | 0.5   | 1.0   | 1.0  | 0.5  | 0.5  | 0.1  |
|                               | FVI      | 0.8   | 0.9   | 0.8  | 0.7  | 0.6  | 0.8  |
|                               | Mean FVI | 0.8   |       |      |      |      |      |
|                               | AREA     | 45.5  |       | 9.5  | 3.6  | 2.2  | 2.8  |
|                               | WVU      | 37.2  |       | 7.3  | 2.5  | 1.3  | 2.1  |
| Function 2                    |          |       |       |      |      |      |      |
| Wildlife Habitat              |          |       |       |      |      |      |      |
|                               | 2.1      | 0.8   | 0.9   | 0.8  | 0.7  | 0.6  | 0.8  |
|                               | 2.2      | 1.0   | 1.0   | 0.5  | 0.5  | 0.5  | 0.1  |
|                               | 2.3      | 1.0   | 1.0   | 0.1  | 0.1  | 1.0  | 0.5  |
|                               | 2.4      | 0.5   | 0.5   | 0.1  | 0.5  | 0.1  | 0.5  |
|                               | 2.5      | 0.5   | 0.5   | 0.5  | 0.5  | 1.0  | 1.0  |
|                               | 2.6      | 0.5   | 0.5   | 0.1  | 0.1  | 0.1  | 0.1  |
|                               | 2.7      | 0.1   | 0.1   | 1.0  | 1.0  | 0.5  | 0.5  |
|                               | 2.8      | 1.0   | 1.0   | 1.0  | 0.1  | 0.1  | 0.1  |
|                               | FVI      | 0.7   | 0.7   | 0.5  | 0.4  | 0.5  | 0.4  |
|                               | Mean FVI | 0.7   |       |      |      |      |      |
|                               | AREA     | 45.5  |       | 9.5  | 3.6  | 2.2  | 2.8  |
|                               | WVU      | 30.8  |       | 4.8  | 1.6  | 1.1  | 1.2  |
| Function 3A                   |          |       |       |      |      |      |      |
| Fish Habitat Streams          |          |       |       |      |      |      |      |
|                               | 3.1      | 1.0   | 1.0   |      |      |      |      |
|                               | 3.2      | 0.1   | 0.1   |      |      |      |      |
|                               | 3.3      | 0.5   | 0.5   |      |      |      |      |
|                               | 3.4      | 1.0   | 1.0   |      |      |      |      |

|                               |          |       |       |      |      |      |      |
|-------------------------------|----------|-------|-------|------|------|------|------|
| <b>JORDAN BROOK WATERSHED</b> |          |       |       |      |      |      |      |
| Waterford, CT                 |          |       |       |      |      |      |      |
| UPPER JORDAN BROOK            |          |       |       |      |      |      |      |
| <hr/>                         |          |       |       |      |      |      |      |
| Functional Values             | Question | JUM1A | JUM1B | JUT1 | JUS1 | JUP1 | JUP2 |
| <hr/>                         |          |       |       |      |      |      |      |
|                               | 3.5      | 0.5   | 0.5   |      |      |      |      |
|                               | 3.6      | 1.0   | 1.0   |      |      |      |      |
|                               | 3.7      | 0.5   | 1.0   |      |      |      |      |
|                               | 3.8      | 1.0   | 1.0   |      |      |      |      |
|                               | 3.9      | 1.0   | 1.0   |      |      |      |      |
|                               |          |       |       |      |      |      |      |
|                               | FVI      | 0.7   | 0.8   |      |      |      |      |
|                               | Mean FVI | 0.8   |       |      |      |      |      |
|                               | AREA     | 45.5  |       |      |      |      |      |
|                               | WVU      | 34.6  |       |      |      |      |      |
|                               |          |       |       |      |      |      |      |
| <b>Function 3B</b>            |          |       |       |      |      |      |      |
| Fish Habitat Ponds            |          |       |       |      |      |      |      |
|                               |          | N/A   | N/A   | N/A  |      |      |      |
|                               | 3.1      |       |       |      | 1.0  | 1.0  | 1.0  |
|                               | 3.2      |       |       |      | 0.1  | 0.1  | 0.1  |
|                               | 3.3      |       |       |      | 0.5  | 0.5  | 0.1  |
|                               | 3.4      |       |       |      | 0.1  | 0.1  | 0.5  |
|                               | 3.5      |       |       |      | 0.5  | 1.0  | 1.0  |
|                               | 3.6      |       |       |      | 0.1  | 0.1  | 1.0  |
|                               |          |       |       |      |      |      |      |
|                               | FVI      |       |       |      | 0.4  | 0.5  | 0.6  |
|                               | Mean FVI |       |       |      |      |      |      |
|                               | AREA     |       |       |      | 3.6  | 2.2  | 2.8  |
|                               | WVU      |       |       |      | 1.4  | 1.0  | 1.7  |
|                               |          |       |       |      |      |      |      |
| <b>Function 5</b>             |          |       |       |      |      |      |      |
| Visual/Esthetic               |          |       |       |      |      |      |      |
|                               | 5.1      | 1.0   | 0.5   | 0.5  | 0.1  | 0.1  | 0.1  |
|                               | 5.2      | 0.1   | 0.1   | 0.5  | 0.5  | 1.0  | 1.0  |
|                               | 5.3      | 0.1   | 1.0   | 0.5  | 0.1  | 0.1  | 0.1  |
|                               | 5.4      | 1.0   | 1.0   | 1.0  | 1.0  | 1.0  | 1.0  |
|                               | 5.5      | 0.1   | 0.5   | 0.1  | 0.5  | 1.0  | 1.0  |
|                               | 5.6      | 0.1   | 1.0   | 0.1  | 0.5  | 0.1  | 0.5  |
|                               | 5.7      | 0.5   | 0.5   | 1.0  | 0.5  | 0.1  | 0.1  |
|                               | 5.8      | 1.0   | 1.0   | 0.5  | 0.5  | 0.5  | 1.0  |
|                               | 5.9      | 1.0   | 1.0   | 0.1  | 0.1  | 0.5  | 0.1  |
|                               | 5.10     | 0.7   | 0.7   | 0.5  | 0.4  | 0.5  | 0.4  |
|                               |          |       |       |      |      |      |      |
|                               | FVI      | 0.6   | 0.7   | 0.5  | 0.4  | 0.5  | 0.5  |
|                               | Mean FVI | 0.6   |       |      |      |      |      |
|                               | AREA     | 45.5  |       | 9.5  | 3.6  | 2.2  | 2.8  |
|                               | WVU      | 29.2  |       | 4.6  | 1.5  | 1.1  | 1.5  |

|                               |          |                     |      |      |      |      |      |      |
|-------------------------------|----------|---------------------|------|------|------|------|------|------|
| <b>JORDAN BROOK WATERSHED</b> |          |                     |      |      |      |      |      |      |
| Waterford, CT                 |          |                     |      |      |      |      |      |      |
|                               |          | <b>NEVINS BROOK</b> |      |      |      |      |      |      |
|                               |          |                     |      |      |      |      |      |      |
| Functional                    |          |                     |      |      |      |      |      |      |
| Values                        | Question | NM1A                | NM1B | NM1C | NM2A | NM2B | NT1  | NT2A |
|                               |          |                     |      |      |      |      |      |      |
| Function 1                    |          |                     |      |      |      |      |      |      |
| Ecological Integrity          |          |                     |      |      |      |      |      |      |
|                               | 1.1      | 1.0                 | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | 0.1  |
|                               | 1.2      | 0.1                 | 0.1  | 0.1  | 0.1  | 0.1  | 1.0  | 1.0  |
|                               | 1.3      | 0.5                 | 0.5  | 0.5  | 1.0  | 1.0  | 1.0  | 1.0  |
|                               | 1.4      | 0.1                 | 0.1  | 0.1  | 1.0  | 1.0  | 0.1  | 1.0  |
|                               | 1.5      | 1.0                 | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  |
|                               | 1.6      | 0.1                 | 0.1  | 0.1  | 1.0  | 1.0  | 1.0  | 1.0  |
|                               | 1.7      | 0.1                 | 1.0  | 0.1  | 1.0  | 1.0  | 1.0  | 0.5  |
|                               | 1.8      | 0.1                 | 1.0  | 0.1  | 1.0  | 1.0  | 1.0  | 0.5  |
|                               | 1.9      | 1.0                 | 1.0  | 0.5  | 1.0  | 1.0  | 1.0  | 1.0  |
|                               | 1.10     | 1.0                 | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  |
|                               | 1.11     | 1.0                 | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  |
|                               | 1.12     | 1.0                 | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | 0.5  |
|                               |          |                     |      |      |      |      |      |      |
|                               | FVI      | 0.6                 | 0.7  | 0.5  | 0.9  | 0.9  | 0.9  | 0.8  |
|                               | Mean FVI | 0.6                 |      |      | 0.9  |      |      | 0.7  |
|                               | AREA     | 30.3                |      |      | 16.3 |      | 26.8 | 6.5  |
|                               | WVU      | 18.8                |      |      | 15.1 |      | 24.8 | 4.4  |
|                               |          |                     |      |      |      |      |      |      |
| Function 2                    |          |                     |      |      |      |      |      |      |
| Wildlife Habitat              |          |                     |      |      |      |      |      |      |
|                               | 2.1      | 0.6                 | 0.7  | 0.5  | 0.9  | 0.9  | 0.9  | 0.8  |
|                               | 2.2      | 1.0                 | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | 0.5  |
|                               | 2.3      | 1.0                 | 1.0  | 1.0  | 0.5  | 0.5  | 0.5  | 0.1  |
|                               | 2.4      | 0.5                 | 0.5  | 0.5  | 0.5  | 0.5  | 1.0  | 1.0  |
|                               | 2.5      | 0.5                 | 0.5  | 0.5  | 0.5  | 0.5  | 0.5  | 0.5  |
|                               | 2.6      | 0.1                 | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  |
|                               | 2.7      | 0.5                 | 0.5  | 0.5  | 1.0  | 0.5  | 1.0  | 1.0  |
|                               | 2.8      | 0.1                 | 0.1  | 0.1  | 1.0  | 1.0  | 1.0  | 1.0  |
|                               |          |                     |      |      |      |      |      |      |
|                               | FVI      | 0.5                 | 0.6  | 0.5  | 0.7  | 0.6  | 0.8  | 0.6  |
|                               | Mean FVI | 0.5                 |      |      | 0.7  |      |      | 0.6  |
|                               | AREA     | 30.3                |      |      | 16.3 |      | 26.8 | 6.5  |
|                               | WVU      | 16.4                |      |      | 10.7 |      | 20.2 | 4.0  |
|                               |          |                     |      |      |      |      |      |      |
| Function 3A                   |          |                     |      |      |      |      |      |      |
| Fish Habitat Streams          |          |                     |      |      |      |      |      |      |
|                               | 3.1      | 1.0                 | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | 0.1  |
|                               | 3.2      | 0.1                 | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  |
|                               | 3.3      | 0.5                 | 0.5  | 0.5  | 0.5  | 0.5  | 0.1  | 0.1  |
|                               | 3.4      | 0.5                 | 0.5  | 0.5  | 1.0  | 1.0  | 0.1  | 1.0  |
|                               | 3.5      | 0.5                 | 0.5  | 0.5  | 0.5  | 0.1  | 0.1  | 0.1  |

|                               |          |      |      |      |      |      |      |      |
|-------------------------------|----------|------|------|------|------|------|------|------|
| <b>JORDAN BROOK WATERSHED</b> |          |      |      |      |      |      |      |      |
| Waterford, CT                 |          |      |      |      |      |      |      |      |
| <b>NEVINS BROOK</b>           |          |      |      |      |      |      |      |      |
| <hr/>                         |          |      |      |      |      |      |      |      |
| Functional                    |          |      |      |      |      |      |      |      |
| Values                        | Question | NM1A | NM1B | NM1C | NM2A | NM2B | NT1  | NT2A |
| <hr/>                         |          |      |      |      |      |      |      |      |
|                               | 3.6      | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  |
|                               | 3.7      | 0.5  | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | 0.5  |
|                               | 3.8      | 0.5  | 1.0  | 1.0  | 1.0  | 0.5  | 0.5  | 1.0  |
|                               | 3.9      | 0.1  | 1.0  | 0.1  | 0.5  | 0.1  | 0.1  | 0.1  |
|                               |          |      |      |      |      |      |      |      |
|                               | FVI      | 0.5  | 0.7  | 0.6  | 0.7  | 0.6  | 0.4  | 0.4  |
|                               | Mean FVI | 0.6  |      |      | 0.7  |      |      | 0.4  |
|                               | AREA     | 30.3 |      |      | 16.3 |      | 26.8 | 6.5  |
|                               | WVU      | 19.1 | 0.0  | 0.0  | 10.8 |      | 11.9 | 2.7  |
|                               |          |      |      |      |      |      |      |      |
| <b>Function 3B</b>            |          |      |      |      |      |      |      |      |
| <b>Fish Habitat Ponds</b>     |          |      |      |      |      |      |      |      |
|                               |          | N/A  | N/A  | N/A  | N/A  | N/A  | N/A  | N/A  |
|                               | 3.1      |      |      |      |      |      |      |      |
|                               | 3.2      |      |      |      |      |      |      |      |
|                               | 3.3      |      |      |      |      |      |      |      |
|                               | 3.4      |      |      |      |      |      |      |      |
|                               | 3.5      |      |      |      |      |      |      |      |
|                               | 3.6      |      |      |      |      |      |      |      |
|                               |          |      |      |      |      |      |      |      |
|                               | FVI      |      |      |      |      |      |      |      |
|                               | Mean FVI |      |      |      |      |      |      |      |
|                               | AREA     |      |      |      |      |      |      |      |
|                               | WVU      |      |      |      |      |      |      |      |
|                               |          |      |      |      |      |      |      |      |
| <b>Function 5</b>             |          |      |      |      |      |      |      |      |
| <b>Visual/Esthetic</b>        |          |      |      |      |      |      |      |      |
|                               | 5.1      | 0.5  | 0.5  | 0.5  | 0.5  | 0.5  | 1.0  | 0.5  |
|                               | 5.2      | 0.5  | 0.5  | 0.1  | 0.5  | 0.1  | 0.1  | 0.1  |
|                               | 5.3      | 0.1  | 0.5  | 0.1  | 1.0  | 0.1  | 1.0  | 0.1  |
|                               | 5.4      | 0.5  | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | 0.5  |
|                               | 5.5      | 0.1  | 0.5  | 0.1  | 0.1  | 0.1  | 1.0  | 0.1  |
|                               | 5.6      | 0.5  | 1.0  | 0.1  | 1.0  | 1.0  | 1.0  | 0.5  |
|                               | 5.7      | 0.1  | 0.1  | 0.1  | 0.1  | 0.5  | 0.5  | 0.1  |
|                               | 5.8      | 0.5  | 1.0  | 0.5  | 1.0  | 1.0  | 1.0  | 1.0  |
|                               | 5.9      | 0.1  | 1.0  | 0.5  | 0.5  | 0.5  | 1.0  | 0.5  |
|                               | 5.10     | 0.5  | 0.6  | 0.5  | 0.7  | 0.6  | 0.8  | 0.6  |
|                               |          |      |      |      |      |      |      |      |
|                               | FVI      | 0.3  | 0.7  | 0.4  | 0.6  | 0.5  | 0.8  | 0.4  |
|                               | Mean FVI | 0.5  |      |      | 0.6  |      |      | 0.3  |
|                               | AREA     | 30.3 |      |      | 16.3 |      | 26.8 | 6.5  |
|                               | WVU      | 13.8 |      |      | 9.6  |      | 22.4 | 1.9  |

|                               |          |              |     |      |      |      |     |
|-------------------------------|----------|--------------|-----|------|------|------|-----|
| <b>JORDAN BROOK WATERSHED</b> |          |              |     |      |      |      |     |
| Waterford, CT                 |          |              |     |      |      |      |     |
|                               |          | NEVINS BROOK |     |      |      |      |     |
|                               |          |              |     |      |      |      |     |
| Functional Values             | Question | NT2B         | NT3 | NS1  | NS2A | NP1A | NP2 |
|                               | 3.5      | 0.1          | 0.1 |      |      |      |     |
|                               | 3.6      | 1.0          | 1.0 |      |      |      |     |
|                               | 3.7      | 0.5          | 1.0 |      |      |      |     |
|                               | 3.8      | 0.5          | 1.0 |      |      |      |     |
|                               | 3.9      | 0.1          | 0.5 |      |      |      |     |
|                               |          |              |     |      |      |      |     |
|                               | FVI      | 0.4          | 0.6 |      |      |      |     |
|                               | Mean FVI |              |     |      |      |      |     |
|                               | AREA     |              | 7.1 |      |      |      |     |
|                               | WVU      |              | 4.6 |      |      |      |     |
|                               |          |              |     |      |      |      |     |
| Function 3B                   |          |              |     |      |      |      |     |
| Fish Habitat Ponds            |          |              |     |      |      |      |     |
|                               |          | N/A          | N/A | N/A  |      |      |     |
|                               | 3.1      |              |     |      | 1.0  | 1.0  | 1.0 |
|                               | 3.2      |              |     |      | 0.1  | 0.1  | 0.1 |
|                               | 3.3      |              |     |      | 0.5  | 0.1  | 0.5 |
|                               | 3.4      |              |     |      | 0.1  | 0.5  | 0.1 |
|                               | 3.5      |              |     |      | 1.0  | 1.0  | 0.1 |
|                               | 3.6      |              |     |      | 0.1  | 1.0  | 0.1 |
|                               |          |              |     |      |      |      |     |
|                               | FVI      |              |     |      | 0.5  | 0.6  | 0.3 |
|                               | Mean FVI |              |     |      |      |      |     |
|                               | AREA     |              |     |      | 14.4 | 2.5  | 3.7 |
|                               | WVU      |              |     |      | 6.7  | 1.5  | 1.2 |
|                               |          |              |     |      |      |      |     |
| Function 5                    |          |              |     |      |      |      |     |
| Visual/Esthetic               |          |              |     |      |      |      |     |
|                               | 5.1      | 0.5          | 0.5 | 0.1  | 1.0  | 1.0  | 0.5 |
|                               | 5.2      | 0.1          | 0.1 | 0.1  | 1.0  | 1.0  | 1.0 |
|                               | 5.3      | 0.1          | 0.1 | 1.0  | 0.1  | 0.5  | 1.0 |
|                               | 5.4      | 0.1          | 1.0 | 0.5  | 0.5  | 1.0  | 1.0 |
|                               | 5.5      | 0.1          | 0.1 | 0.1  | 0.1  | 1.0  | 0.5 |
|                               | 5.6      | 0.1          | 1.0 | 0.5  | 0.5  | 1.0  | 0.5 |
|                               | 5.7      | 0.1          | 0.5 | 0.5  | 0.1  | 0.5  | 0.1 |
|                               | 5.8      | 0.1          | 1.0 | 0.5  | 0.5  | 1.0  | 0.5 |
|                               | 5.9      | 0.1          | 0.5 | 1.0  | 1.0  | 1.0  | 1.0 |
|                               | 5.10     | 0.6          | 0.5 | 0.6  | 0.6  | 0.4  | 0.6 |
|                               |          |              |     |      |      |      |     |
|                               | FVI      | 0.2          | 0.5 | 0.5  | 0.5  | 0.8  | 0.7 |
|                               | Mean FVI |              |     |      |      |      |     |
|                               | AREA     |              | 7.1 | 13.9 | 14.4 | 2.5  | 3.7 |
|                               | WVU      |              | 3.8 | 6.8  | 7.7  | 2.1  | 2.5 |

|                               |          |      |     |      |      |      |     |
|-------------------------------|----------|------|-----|------|------|------|-----|
| <b>JORDAN BROOK WATERSHED</b> |          |      |     |      |      |      |     |
| Waterford, CT                 |          |      |     |      |      |      |     |
| NEVINS BROOK                  |          |      |     |      |      |      |     |
|                               |          |      |     |      |      |      |     |
| Functional Values             | Question | NT2B | NT3 | NS1  | NS2A | NP1A | NP2 |
|                               |          |      |     |      |      |      |     |
| <b>Function 1</b>             |          |      |     |      |      |      |     |
| <b>Ecological Integrity</b>   |          |      |     |      |      |      |     |
|                               | 1.1      | 0.1  | 1.0 | 1.0  | 1.0  | 1.0  | 1.0 |
|                               | 1.2      | 1.0  | 0.1 | 1.0  | 1.0  | 1.0  | 1.0 |
|                               | 1.3      | 0.1  | 1.0 | 0.5  | 0.5  | 1.0  | 0.5 |
|                               | 1.4      | 1.0  | 1.0 | 0.1  | 0.1  | 0.1  | 0.1 |
|                               | 1.5      | 0.1  | 1.0 | 1.0  | 1.0  | 1.0  | 1.0 |
|                               | 1.6      | 1.0  | 1.0 | 0.5  | 1.0  | 0.1  | 0.1 |
|                               | 1.7      | 0.1  | 1.0 | 0.5  | 0.5  | 1.0  | 0.5 |
|                               | 1.8      | 0.1  | 1.0 | 0.5  | 0.5  | 0.5  | 0.5 |
|                               | 1.9      | 1.0  | 1.0 | 1.0  | 1.0  | 0.5  | 1.0 |
|                               | 1.10     | 1.0  | 1.0 | 1.0  | 1.0  | 1.0  | 1.0 |
|                               | 1.11     | 0.1  | 1.0 | 1.0  | 1.0  | 1.0  | 1.0 |
|                               | 1.12     | 1.0  | 1.0 | 1.0  | 0.5  | 1.0  | 1.0 |
|                               |          |      |     |      |      |      |     |
|                               | FVI      | 0.6  | 0.9 | 0.8  | 0.8  | 0.8  | 0.7 |
|                               | Mean FVI |      |     |      |      |      |     |
|                               | AREA     |      | 7.1 | 13.9 | 14.4 | 2.5  | 3.7 |
|                               | WVU      |      | 6.6 | 10.5 | 10.9 | 1.9  | 2.7 |
|                               |          |      |     |      |      |      |     |
| <b>Function 2</b>             |          |      |     |      |      |      |     |
| <b>Wildlife Habitat</b>       |          |      |     |      |      |      |     |
|                               | 2.1      | 0.6  | 0.9 | 0.8  | 0.8  | 0.8  | 0.7 |
|                               | 2.2      | 0.5  | 0.5 | 1.0  | 1.0  | 0.1  | 0.5 |
|                               | 2.3      | 0.1  | 0.1 | 0.1  | 0.5  | 0.5  | 1.0 |
|                               | 2.4      | 1.0  | 0.5 | 0.5  | 1.0  | 0.5  | 0.5 |
|                               | 2.5      | 0.5  | 0.5 | 0.5  | 0.5  | 1.0  | 1.0 |
|                               | 2.6      | 0.1  | 0.1 | 0.1  | 0.1  | 0.1  | 0.1 |
|                               | 2.7      | 1.0  | 1.0 | 0.5  | 0.1  | 0.5  | 0.5 |
|                               | 2.8      | 1.0  | 0.5 | 1.0  | 0.5  | 0.1  | 0.1 |
|                               |          |      |     |      |      |      |     |
|                               | FVI      | 0.6  | 0.5 | 0.6  | 0.6  | 0.4  | 0.6 |
|                               | Mean FVI |      |     |      |      |      |     |
|                               | AREA     |      | 7.1 | 13.9 | 14.4 | 2.5  | 3.7 |
|                               | WVU      |      | 3.7 | 7.7  | 8.0  | 1.1  | 2.0 |
|                               |          |      |     |      |      |      |     |
| <b>Function 3A</b>            |          |      |     |      |      |      |     |
| <b>Fish Habitat Streams</b>   |          |      |     |      |      |      |     |
|                               | 3.1      | 0.1  | 1.0 |      |      |      |     |
|                               | 3.2      | 0.1  | 0.1 |      |      |      |     |
|                               | 3.3      | 0.1  | 0.1 |      |      |      |     |
|                               | 3.4      | 1.0  | 1.0 |      |      |      |     |

|                               |                 |                   |             |            |             |             |            |            |
|-------------------------------|-----------------|-------------------|-------------|------------|-------------|-------------|------------|------------|
| <b>JORDAN BROOK WATERSHED</b> |                 |                   |             |            |             |             |            |            |
| Waterford, CT                 |                 |                   |             |            |             |             |            |            |
|                               |                 | <b>EAST BROOK</b> |             |            |             |             |            |            |
| <b>Functional</b>             |                 |                   |             |            |             |             |            |            |
| <b>Values</b>                 | <b>Question</b> | <b>EM1A</b>       | <b>EM1B</b> | <b>EM2</b> | <b>EM3A</b> | <b>EM3B</b> | <b>ET1</b> | <b>ES1</b> |
| <b>Function 1</b>             |                 |                   |             |            |             |             |            |            |
| <b>Ecological Integrity</b>   |                 |                   |             |            |             |             |            |            |
|                               | 1.1             | 0.5               | 0.5         | 0.5        | 0.5         | 0.5         | 1.0        | 0.5        |
|                               | 1.2             | 1.0               | 1.0         | 1.0        | 1.0         | 1.0         | 1.0        | 1.0        |
|                               | 1.3             | 0.1               | 0.1         | 0.1        | 1.0         | 1.0         | 0.1        | 0.1        |
|                               | 1.4             | 0.5               | 0.5         | 0.1        | 0.5         | 0.5         | 0.1        | 0.5        |
|                               | 1.5             | 0.5               | 1.0         | 0.5        | 1.0         | 1.0         | 0.5        | 0.5        |
|                               | 1.6             | 0.1               | 0.1         | 0.1        | 1.0         | 1.0         | 0.5        | 0.1        |
|                               | 1.7             | 0.1               | 0.1         | 0.1        | 1.0         | 0.5         | 1.0        | 0.5        |
|                               | 1.8             | 0.1               | 0.1         | 0.1        | 1.0         | 0.5         | 0.1        | 0.5        |
|                               | 1.9             | 0.5               | 0.5         | 0.1        | 1.0         | 1.0         | 1.0        | 1.0        |
|                               | 1.10            | 1.0               | 1.0         | 1.0        | 1.0         | 1.0         | 1.0        | 1.0        |
|                               | 1.11            | 1.0               | 1.0         | 1.0        | 1.0         | 1.0         | 1.0        | 1.0        |
|                               | 1.12            | 0.5               | 0.1         | 0.5        | 1.0         | 1.0         | 0.5        | 0.1        |
|                               |                 |                   |             |            |             |             |            |            |
|                               | FVI             | 0.5               | 0.5         | 0.4        | 0.9         | 0.8         | 0.7        | 0.6        |
|                               | Mean FVI        | 0.5               |             |            | 0.9         |             |            |            |
|                               | AREA            | 47.3              |             | 17.8       | 39.9        |             | 14.3       | 27.5       |
|                               | WVU             | 23.5              |             | 7.6        | 34.9        |             | 9.3        | 15.6       |
| <b>Function 2</b>             |                 |                   |             |            |             |             |            |            |
| <b>Wildlife Habitat</b>       |                 |                   |             |            |             |             |            |            |
|                               | 2.1             | 0.5               | 0.5         | 0.4        | 0.9         | 0.8         | 0.7        | 0.6        |
|                               | 2.2             | 1.0               | 1.0         | 1.0        | 1.0         | 1.0         | 1.0        | 1.0        |
|                               | 2.3             | 0.5               | 0.5         | 0.1        | 0.1         | 0.5         | 0.1        | 0.1        |
|                               | 2.4             | 0.5               | 0.5         | 0.1        | 1.0         | 1.0         | 0.1        | 0.5        |
|                               | 2.5             | 0.5               | 0.5         | 0.5        | 0.5         | 0.5         | 0.5        | 0.5        |
|                               | 2.6             | 0.1               | 0.1         | 0.1        | 0.5         | 0.5         | 0.1        | 0.1        |
|                               | 2.7             | 0.1               | 0.1         | 0.5        | 0.5         | 0.5         | 0.1        | 0.1        |
|                               | 2.8             | 0.5               | 0.5         | 0.1        | 1.0         | 1.0         | 0.5        | 0.1        |
|                               |                 |                   |             |            |             |             |            |            |
|                               | FVI             | 0.5               | 0.5         | 0.4        | 0.7         | 0.7         | 0.4        | 0.4        |
|                               | Mean FVI        | 0.5               |             |            | 0.7         |             |            |            |
|                               | AREA            | 47.3              |             | 17.8       | 39.9        |             | 14.3       | 27.5       |
|                               | WVU             | 21.9              |             | 6.3        | 28.3        |             | 5.5        | 10.2       |
| <b>Function 3A</b>            |                 |                   |             |            |             |             |            |            |
| <b>Fish Habitat Streams</b>   |                 |                   |             |            |             |             |            | N/A        |
|                               | 3.1             | 0.5               | 0.5         | 0.5        | 0.5         | 0.5         | 1.0        |            |
|                               | 3.2             | 0.1               | 0.1         | 0.1        | 0.1         | 0.1         | 0.1        |            |
|                               | 3.3             | 0.5               | 0.5         | 0.5        | 0.1         | 0.1         | 0.1        |            |
|                               | 3.4             | 0.1               | 0.1         | 1.0        | 1.0         | 1.0         | 0.5        |            |
|                               | 3.5             | 0.5               | 0.5         | 0.5        | 0.5         | 0.1         | 0.1        |            |

|                               |          |      |      |      |      |      |      |      |
|-------------------------------|----------|------|------|------|------|------|------|------|
| <b>JORDAN BROOK WATERSHED</b> |          |      |      |      |      |      |      |      |
| Waterford, CT                 |          |      |      |      |      |      |      |      |
| EAST BROOK                    |          |      |      |      |      |      |      |      |
|                               |          |      |      |      |      |      |      |      |
| Functional                    |          |      |      |      |      |      |      |      |
| Values                        | Question | EM1A | EM1B | EM2  | EM3A | EM3B | ET1  | ES1  |
|                               | 3.6      | 0.5  | 0.5  | 0.5  | 1.0  | 1.0  | 1.0  |      |
|                               | 3.7      | 0.5  | 0.5  | 0.5  | 1.0  | 1.0  | 0.5  |      |
|                               | 3.8      | 0.5  | 0.5  | 0.5  | 1.0  | 0.5  | 0.5  |      |
|                               | 3.9      | 0.5  | 0.5  | 0.1  | 1.0  | 0.1  | 0.5  |      |
|                               |          |      |      |      |      |      |      |      |
|                               | FVI      | 0.4  | 0.4  | 0.5  | 0.7  | 0.5  | 0.5  |      |
|                               | Mean FVI | 0.4  |      |      | 0.6  |      |      |      |
|                               | AREA     | 47.3 |      | 17.8 | 39.9 |      | 14.3 |      |
|                               | WVU      | 19.4 |      | 8.3  | 23.5 |      | 6.8  |      |
|                               |          |      |      |      |      |      |      |      |
| Function 3B                   |          |      |      |      |      |      |      |      |
| Fish Habitat Ponds            |          |      |      |      |      |      |      |      |
|                               |          | N/A  | N/A  | N/A  | N/A  | N/A  | N/A  | N/A  |
|                               | 3.1      |      |      |      |      |      |      |      |
|                               | 3.2      |      |      |      |      |      |      |      |
|                               | 3.3      |      |      |      |      |      |      |      |
|                               | 3.4      |      |      |      |      |      |      |      |
|                               | 3.5      |      |      |      |      |      |      |      |
|                               | 3.6      |      |      |      |      |      |      |      |
|                               |          |      |      |      |      |      |      |      |
|                               | FVI      |      |      |      |      |      |      |      |
|                               | Mean FVI |      |      |      |      |      |      |      |
|                               | AREA     |      |      |      |      |      |      |      |
|                               | WVU      |      |      |      |      |      |      |      |
|                               |          |      |      |      |      |      |      |      |
| Function 5                    |          |      |      |      |      |      |      |      |
| Visual/Esthetic               |          |      |      |      |      |      |      |      |
|                               | 5.1      | 0.1  | 0.5  | 0.1  | 0.1  | 0.1  | 0.5  | 1.0  |
|                               | 5.2      | 0.5  | 0.5  | 0.5  | 0.1  | 0.1  | 0.1  | 1.0  |
|                               | 5.3      | 0.5  | 0.5  | 0.1  | 1.0  | 0.5  | 0.5  | 0.5  |
|                               | 5.4      | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  |
|                               | 5.5      | 0.1  | 0.1  | 0.1  | 1.0  | 0.1  | 0.1  | 0.1  |
|                               | 5.6      | 0.1  | 0.1  | 0.1  | 1.0  | 1.0  | 0.5  | 0.1  |
|                               | 5.7      | 0.1  | 0.1  | 0.5  | 0.5  | 1.0  | 0.1  | 0.1  |
|                               | 5.8      | 0.5  | 0.1  | 0.1  | 1.0  | 1.0  | 1.0  | 0.1  |
|                               | 5.9      | 0.1  | 0.5  | 0.1  | 0.5  | 1.0  | 0.5  | 0.1  |
|                               | 5.10     | 0.5  | 0.5  | 0.4  | 0.7  | 0.7  | 0.4  | 0.4  |
|                               |          |      |      |      |      |      |      |      |
|                               | FVI      | 0.3  | 0.4  | 0.3  | 0.7  | 0.7  | 0.5  | 0.4  |
|                               | Mean FVI | 0.4  |      |      | 0.7  |      |      |      |
|                               | AREA     | 47.3 |      | 17.8 | 39.9 |      | 14.3 | 27.5 |
|                               | WVU      | 17.3 |      | 5.3  | 26.8 |      | 6.7  | 12.0 |

|                               |          |      |     |     |
|-------------------------------|----------|------|-----|-----|
| <b>JORDAN BROOK WATERSHED</b> |          |      |     |     |
| Waterford, CT                 |          |      |     |     |
| EAST BROOK                    |          |      |     |     |
| Functional                    |          |      |     |     |
| Values                        | Question | ES2  | EP1 | EP2 |
| Function 1                    |          |      |     |     |
| Ecological Integrity          |          |      |     |     |
|                               | 1.1      | 1.0  | 0.5 | 0.1 |
|                               | 1.2      | 1.0  | 1.0 | 1.0 |
|                               | 1.3      | 0.5  | 0.1 | 0.1 |
|                               | 1.4      | 0.5  | 0.1 | 0.1 |
|                               | 1.5      | 1.0  | 0.5 | 0.5 |
|                               | 1.6      | 1.0  | 0.1 | 0.1 |
|                               | 1.7      | 1.0  | 0.1 | 0.1 |
|                               | 1.8      | 1.0  | 0.1 | 0.1 |
|                               | 1.9      | 1.0  | 0.1 | 0.1 |
|                               | 1.10     | 1.0  | 1.0 | 1.0 |
|                               | 1.11     | 1.0  | 1.0 | 1.0 |
|                               | 1.12     | 1.0  | 0.1 | 0.1 |
|                               | FVI      | 0.9  | 0.4 | 0.4 |
|                               | Mean FVI |      |     |     |
|                               | AREA     | 34.9 | 0.8 | 1.2 |
|                               | WVU      | 32.0 | 0.3 | 0.4 |
| Function 2                    |          |      |     |     |
| Wildlife Habitat              |          |      |     |     |
|                               | 2.1      | 0.9  | 0.4 | 0.4 |
|                               | 2.2      | 1.0  | 0.1 | 0.1 |
|                               | 2.3      | 0.1  | 0.1 | 0.5 |
|                               | 2.4      | 0.1  | 0.1 | 0.1 |
|                               | 2.5      | 0.5  | 1.0 | 1.0 |
|                               | 2.6      | 0.5  | 0.1 | 0.1 |
|                               | 2.7      | 1.0  | 0.1 | 0.1 |
|                               | 2.8      | 1.0  | 0.1 | 0.1 |
|                               | FVI      | 0.6  | 0.2 | 0.3 |
|                               | Mean FVI |      |     |     |
|                               | AREA     | 34.9 | 0.8 | 1.2 |
|                               | WVU      | 22.3 | 0.2 | 0.4 |
| Function 3A                   |          |      |     |     |
| Fish Habitat Streams          |          |      |     |     |
|                               | 3.1      |      |     |     |
|                               | 3.2      |      |     |     |
|                               | 3.3      |      |     |     |
|                               | 3.4      |      |     |     |

|                        |          |            |     |     |
|------------------------|----------|------------|-----|-----|
|                        |          |            |     |     |
| JORDAN BROOK WATERSHED |          |            |     |     |
| Waterford, CT          |          |            |     |     |
|                        |          | EAST BROOK |     |     |
|                        |          |            |     |     |
| Functional             |          |            |     |     |
| Values                 | Question | ES2        | EP1 | EP2 |
|                        |          |            |     |     |
|                        | 3.5      |            |     |     |
|                        | 3.6      |            |     |     |
|                        | 3.7      |            |     |     |
|                        | 3.8      |            |     |     |
|                        | 3.9      |            |     |     |
|                        |          |            |     |     |
|                        | FVI      |            |     |     |
|                        | Mean FVI |            |     |     |
|                        | AREA     |            |     |     |
|                        | WVU      |            |     |     |
|                        |          |            |     |     |
| Function 3B            |          |            |     |     |
| Fish Habitat Ponds     |          |            |     |     |
|                        |          | N/A        |     |     |
|                        | 3.1      |            | 0.5 | 0.1 |
|                        | 3.2      |            | 0.1 | 0.1 |
|                        | 3.3      |            | 0.1 | 0.1 |
|                        | 3.4      |            | 0.1 | 0.5 |
|                        | 3.5      |            | 0.1 | 0.1 |
|                        | 3.6      |            | 1.0 | 1.0 |
|                        |          |            |     |     |
|                        | FVI      |            | 0.3 | 0.3 |
|                        | Mean FVI |            |     |     |
|                        | AREA     |            | 0.8 | 1.2 |
|                        | WVU      |            | 0.3 | 0.4 |
|                        |          |            |     |     |
| Function 5             |          |            |     |     |
| Visual/Esthetic        | 5.1      | 0.5        | 0.1 | 0.1 |
|                        | 5.2      | 0.5        | 1.0 | 1.0 |
|                        | 5.3      | 1.0        | 0.5 | 0.1 |
|                        | 5.4      | 1.0        | 0.1 | 0.5 |
|                        | 5.5      | 0.1        | 0.5 | 0.5 |
|                        | 5.6      | 1.0        | 0.5 | 0.5 |
|                        | 5.7      | 0.5        | 0.1 | 0.1 |
|                        | 5.8      | 1.0        | 0.5 | 0.5 |
|                        | 5.9      | 1.0        | 0.1 | 0.1 |
|                        | 5.10     | 0.6        | 0.2 | 0.3 |
|                        |          |            |     |     |
|                        | FVI      | 0.7        | 0.4 | 0.4 |
|                        | Mean FVI |            |     |     |
|                        | AREA     | 34.9       | 0.8 | 1.2 |
|                        | WVU      | 25.3       | 0.3 | 0.4 |