

**US Army Corps of Engineers - New England District
Vernal Pool Valuation Score Form**

Project File # _____ Project Name _____ Pool ID _____
Observer _____ Phone or E-mail _____
Survey date(s) _____
Longitude/Latitude (in decimal degrees) _____

Use data from Vernal Pool Characterization Form to fill out below.

A. VERNAL POOL CHARACTERISTICS (fill in all information known):

1. Landscape setting:

- 4 Upland depression 2 Floodplain depression 4 Pool within larger wetland system (if this is also in a floodplain , use 2)

2. Wetland type(s) that best apply to this pool:

- | | |
|---|--|
| <input type="checkbox"/> 4 Forested wetland | <input type="checkbox"/> 2 Open water |
| <input type="checkbox"/> 4 Shrub wetland | <input type="checkbox"/> 2 Intermittent stream |
| <input type="checkbox"/> 4 Peatland (acidic fen or bog) | <input type="checkbox"/> 3 Floodplain (overflow/oxbow) |
| <input type="checkbox"/> 4 Herbaceous wetland | |

3. Hydrology

a. Estimated hydroperiod range:

- 6 Dries between early March and early July
 8 Dries between early July and early September
 8 Dries between early September and early November
 2 Dries between early November and late December, or intermittently exposed

b. Inlet/outlet (specify which):

- 8 No inlet/outlet
 6 Temporary inlet/outlet
 2 Permanent inlet or outlet (channel with well-defined banks and permanent flow)

_____ **TOTAL for Pool Characteristics**

B. VERNAL POOL ENVELOPE (100 ft) AND CRITICAL HABITAT AREA (100-750 ft) CHARACTERISTICS (fill in all information known):

- 4 Are immediate surroundings and pool part of a wildlife corridor? Check box if yes.

1. Landuse type and approximate percentage within the 100-ft vernal pool envelope (value assumes 100% per type; if multiple types, use percentage of values for each type present):

- | | |
|---|--|
| <input type="checkbox"/> 16 Forested wetland _____% | <input type="checkbox"/> 2 Agriculture _____% |
| <input type="checkbox"/> 16 Forested upland _____% | <input type="checkbox"/> 2 Developed (<25%) _____% |
| <input type="checkbox"/> 10 Shrub/herbaceous wetland _____% | <input type="checkbox"/> 1 Developed (>25%) _____% |
| <input type="checkbox"/> 8 Shrub/herbaceous upland _____% | <input type="checkbox"/> Other (please specify) _____% |

2. Landuse type and approximate percentage within the 100 - 750-ft vernal pool critical terrestrial habitat (value assumes 100% per type; if multiple types, use percentage of values for each type present):

- | | |
|---|--|
| <input type="checkbox"/> 16 Forested wetland _____% | <input type="checkbox"/> 2 Agriculture _____% |
| <input type="checkbox"/> 16 Forested upland _____% | <input type="checkbox"/> 2 Developed (<25%) _____% |
| <input type="checkbox"/> 10 Shrub/herbaceous wetland _____% | <input type="checkbox"/> 1 Developed (>25%) _____% |
| <input type="checkbox"/> 8 Shrub/herbaceous upland _____% | <input type="checkbox"/> Other (please specify) _____% |

_____ **TOTAL for Pool Envelope and Critical Habitat Area**

C. SPECIES PRESENT IN VERNAL POOL

16 Indicator species present (check all that apply):

Wood Frog

Spotted Salamander

Blue-spotted Salamander

Jefferson's Salamander

Marbled Salamander

Fairy Shrimp

Rare Species (check all that apply):

4 Blanding's Turtle

4 Spadefoot Toad

-16 Resident predator population present (check all that apply):

Bullfrog tadpoles

Fish

Green Frog tadpoles

Other (specify) _____

_____ **TOTAL for Pool Species (see NOTE in text)**

SUMMARY:

_____ **Pool Characteristics**

_____ **Envelope and Critical Habitat**

_____ **Pool Species**