

X. VERNAL POOL CHARACTERIZATION FORM

Project File # _____ Project Name _____ Pool ID _____
Observer _____ Phone or Email _____
Landowner/Applicant _____ Phone or Email _____
Address _____
Location of vernal pool: _____
Survey date(s) _____
Longitude/Latitude (in decimal degrees) _____

A. VERNAL POOL CHARACTERISTICS

1. Landscape setting (check all that apply)

- ☐ Upland depression
☐ Pool part of wildlife corridor
☐ Pool part of a pool complete (within 1000 feet of one or more other vernal pools)

2. Vernal pool condition

Describe any recent modification to the pool: _____

3. Describe the aquatic resource type(s) in pool (e.g., forested, scrub-shrub, etc.) -

4. Pool canopy cover (%):

5. Predominant substrate (e.g., mineral soil, organic matter): _____

6. Pool size

a. Approximate dimensions at maximum capacity (include units):

Length _____ Width: _____ Area: _____

b. Maximum depth at deepest point (include units): _____

7. Hydrology

a. Estimated month pool dries, or if never: _____

b. Inlet/outlet (none, temporary, permanent): _____

8. Water quality (clear, high turbidity, high algal content, tannic): _____

OTHER COMMENTS:

Append photos, sketch of pool and surrounding landscape.

B. VERNAL POOL ENVELOPE (100 ft) AND CRITICAL TERRESTRIAL HABITAT (100-750 ft)**a. Landuse type and approximate percentage within 100 ft VP envelope (total equals 100%)**

- ☐ Forested _____ % (15 pts)
☐ Shrub _____ % (10 pts)
☐ Open (e.g., meadow, agriculture, golf course) _____ % (5 pts)
☐ Developed (includes area beyond barriers) _____ % (0 pts)

b. TOTAL for VP envelope (maximum of 15): _____**c. Landuse type and approximate percentage within 100-750 ft VP critical terrestrial habitat (total equals 100%)**

- ☐ Forested _____ % (15 pts)
☐ Shrub _____ % (10 pts)
☐ Open (e.g., meadow, agriculture, golf course) _____ % (5 pts)
☐ Developed (includes area beyond barriers) _____ % (0 pts)

d. TOTAL for VP CTH (maximum of 15): _____**e. How above determined (field estimate, GIS, air photo interpretation): _____****C. SPECIES PRESENT IN VERNAL POOL**

INDICATOR SPECIES	DATE	EGG MASSES (#)	TADPOLES/ LARVAE
Wood Frog (<i>Lithobates sylvaticus</i>)			
Spotted Salamander (<i>Ambystoma maculatum</i>)			
Blue-spotted Salamander (<i>Ambystoma laterale</i>)			
Jefferson's Salamander (<i>Ambystoma jeffersonianum</i>)			
Marbled Salamander (<i>Ambystoma opacum</i>)			
Fairy shrimp (<i>Eubrachipus</i> spp.)		Present/ absent	Abundance:
OTHER SPECIES	DATE	PRESENCE/ ABSENCE	FEW/ COMMON/ MANY
Rare species (list):			
Facultative species: (e.g., Spring Peeper (<i>Pseudacris crucifer</i>), Gray Tree Frog (<i>Hyla versicolor</i>), Caddisflies (Limnephilidae, Phryganeidae), American Toad (<i>Anaxyrus americanus</i>), Eastern Spadefoot Toad (<i>Scaphiopus holbrookii</i>), Fowler's Toad (<i>Anaxyrus fowleri</i>), Fingernail Clams (Sphaerlidae, Pisidiidae)). List:			
Predator Species (e.g., Bullfrog/Green frog tadpoles, Fish): List:			
Other species (e.g, ducks, turtles, etc.): List:			