



VERNAL POOL DATA SHEET
New Jersey Division of Fish and Wildlife
Endangered and Nongame Species Program

GENERAL INFO

SITE NAME: _____ OBSERVER: _____

ORGANIZATION: _____ DATE: _____ COUNTY: _____

MUNICIPALITY: _____ TOPO QUAD: _____

DIRECTIONS TO SITE: _____

POOL CHARACTERISTICS

POOL TYPE (check): natural swale/depression excavated pit/ditch impoundment

WATER LEVEL (check): full >50%full <50%full dry

POOL DIMENSIONS (at max capacity): _____m x _____m

WATER QUALITY (check): clear tea-colored algae-green

STRUCTURE OF VEGETATION WITHIN/OVERHANGING POOL (ESTIMATE % COVER):

trees scrub/shrub floating vegetation emergent vegetation

DOMINANT PLANT SPECIES WITHIN/OVERHANGING POOL (optional): _____

LANDSCAPE CONTEXT (check all that apply): upland forest forested wetlands

emergent/scrub-shrub wetland agricultural field/grassland suburban

STRUCTURE OF HABITAT WITHIN 100m OF POOL: _____

GENERAL NOTES/COMMENTS: _____

	Please check appropriate box				
	STATUS	ADULT	JUVENILE/LARVA	VOCALIZATION	EGG MASS
OBLIGATE VERNAL POOL HERPETOFAUNA					
1) spotted salamander (<i>Ambystoma maculatum</i>)	stable				
2) eastern tiger salamander (<i>Ambystoma t. tigrinum</i>)	endangered				
3) marbled salamander (<i>Ambystoma opacum</i>)	special concern				
4) Jefferson salamander (<i>Ambystoma jeffersonianum</i>)	special concern				
5) blue-spotted salamander (<i>Ambystoma laterale</i>)	endangered				
6) Jefferson x blue-spotted salamander (<i>Ambystoma jeffersonianum</i> x <i>laterale</i>)	<i>no status</i>				
7) wood frog (<i>Rana sylvatica</i>)	stable				
8) eastern spadefoot toad (<i>Scaphiopus holbrookii</i>)	unknown				
FACULTATIVE VERNAL POOL HERPETOFAUNA					
1) long-tailed salamander (<i>Eurycea l. longicauda</i>)	threatened				
2) red-spotted newt (<i>Notophthalmus v. viridescens</i>)	stable				
3) four-toed salamander (<i>Hemidactylium scutatum</i>)	unknown				
4) northern spring peeper (<i>Pseudacris crucifer</i>)	stable				
5) New Jersey chorus frog (<i>Pseudacris triseriata kalmii</i>)	unknown				
6) upland chorus frog (<i>Pseudacris triseriata ferarium</i>)	unknown				
7) northern cricket frog (<i>Acris c. crepitans</i>)	stable				
8) northern gray treefrog (<i>Hyla versicolor</i>)	stable				
9) southern gray treefrog (<i>Hyla chrysoscelis</i>)	endangered				
10) pine barrens treefrog (<i>Hyla andersonii</i>)	threatened				
11) american toad (<i>Bufo americanus</i>)	stable				
12) fowlers toad (<i>Bufo woodhousii fowleri</i>)	special concern				
13) green frog (<i>Rana clamitans melanota</i>)	stable				
14) bullfrog (<i>Rana catesbeiana</i>)	stable				
15) carpenter frog (<i>Rana virgatipes</i>)	special concern				
16) pickerel frog (<i>Rana palustris</i>)	stable				
17) southern leopard frog (<i>Rana utricularia</i>)	stable				
18) spotted turtle (<i>Clemmys guttata</i>)	special concern				
19) wood turtle (<i>Clemmys insculpta</i>)	threatened				
20) eastern painted turtle (<i>Chrysemys p. picta</i>)	stable				
21) eastern mud turtle (<i>Kinosternon subrubrum</i>)	stable				
22) common snapping turtle (<i>Chelydra serpentina</i>)	stable				

VERNAL POOL INVERTEBRATES (Please check appropriate line)

mosquito ___ fairy shrimp ___ caddisfly ___ predaceous diving beetle ___ crawling water beetle ___ water scavenger beetle ___
whirligig beetle ___ damselfly ___ dragonfly ___ backswimmer ___ water boatman ___ water scorpion ___ giant water bug ___ water strider ___
fishfly ___ mayfly ___ chironomid midge ___ phantom midge ___ springtail ___ water mites ___ amphipod ___ isopod ___
clam shrimp ___ ostracod ___ daphnia ___ copepod ___ snail ___ fingernail clam ___ horsehair worm ___ planaria ___ leech ___
aquatic oligochaete worms ___

Last Revised: 11/14/01