FOCAL VERNAL POOL EGG MASS COUNT DATA SHEET

LOCALITY:

_____

VERNAL POOL NAME:

_____

DATE: _____

TIME BEGIN: _____

TIME END: _____

GRID SPACING IS _____ **m**
INDICATE NORTH ON MAP

OBSERVER 1

_____

OBSERVER 2

_____

*** INDICATE WITH LINE WHEN OBSERVERS SWITCH**

Species	# Egg Masses OBS 1	# Egg Masses OBS 2	Dead	Species	# Egg Masses OBS 1	# Egg Masses OBS 2	Dead

LOCALITY: _____ **VERNAL POOL NAME:** _____

Date: _____ Sky Code: _____ Wind Code: _____ Previous Day Precipitation? ☐ YES ☐ NO

Air Temp.: _____ Water Temp.: _____ ☐ ºC ☐ ºF

Pool Max. Depth: _____ cm Water Level: ☐ FULL ☐ ¾ FULL ☐ ½ FULL ☐ ¼ FULL ☐ < ¼ ☐ DRY

Is Visibility Impaired During Egg Mass Counts? ☐ YES ☐ NO

OTHER AMPHIBIANS, REPTILES, INVERTEBRATES, ETC.:

SPECIES	Chorus Code	# Mated Pairs	Sperma-tophores	# Egg Masses	Tadpoles/ Larvae	# Juveniles	# Adults

NOTES:

CHORUS CODE	DESCRIPTION
0	No amphibians calling
1	Individuals can be counted, calls not overlapping. Record the number of individuals calling after code separated by hyphen (e.g., 1 - 3)
2	Calls overlap (simultaneous calling), but individuals are distinguishable. Record the number of individuals calling after code separated by hyphen (e.g., 2 – 6)
3	Full chorus, calls continuous and overlapping. Can not distinguish individuals.

FOCAL VERNAL POOL LOCATION AND HABITAT DATA SHEET

LOCALITY: _____ **VERNAL POOL NAME:** _____

OBSERVER: _____ **DATE:** _____

DETAILED DIRECTIONS TO SITE:

_____

_____

_____

UTM ZONE: _____ **UTM DATUM:** **NAD 83** **UTM E:** _____ **UTM N:** _____ **ERROR:** +/- ____ **m**

LATITUDE (DDMMSS.SS): _____ **LONGITUDE**: _____ **ELEVATION:** _____ ☐ **m** ☐ **ft**

POOL MAX. LENGTH: _____ **m** **POOL MAX. WIDTH:** _____ **m** **POOL MAX. DEPTH:** _____ **cm**

POOL PERMANENCY: ☐ temporary (dries annually) ☐ semipermanent (sometimes dries) ☐ permanent (never dries)

POND TYPE (Check either Natural, Beaver-created, Artificial/Man-made, or Unknown):

☐ Natural (e.g., oxbow, vernal pool)

☐ Beaver-created

☐ Artificial/Man-Made - If pool is artificial/man-made, pick best description below:

☐ borrow/gravel pit ☐ roadside ditch ☐ farm pond ☐ impoundment ☐ other: _____

☐ Unknown

SITE TYPE: ☐ upland-isolated (not part of larger wetland)

☐ bottomland-isolated (part of a river or lake floodplain)

☐ wetland complex (associated with a larger wetland complex)

FISH PRESENT: ☐ No ☐ Yes If Yes, list Species: _____

DISTANCE TO FOREST FROM WATER'S EDGE: _____ ☐ m ☐ ft

DISTANCE TO NEAREST ROAD: _____ ☐ m ☐ ft

ROAD IS: ☐ PAVED ☐ GRAVEL ☐ DIRT

ROAD CONDITIONS AT NIGHT: ☐ Light Traffic (< 10 cars) ☐ Heavy Traffic (≥ 10 cars)

FOR THE FOLLOWING, RANK the amount of pond area in which each type occurs (does not need to sum to 100%): **0 = 0%, 1 = 1-10%, 2 = 11-25%, 3 = 26-50%, 4 = 51-75%, 5 = 76-100%**

AQUATIC SUBSTRATE: Leaf Litter _____ Sticks/Logs _____

AQUATIC VEGETATION: SAV_____ Herb _____ Emergent _____ Cattail _____ Shrub _____ Tree _____ Other _____

LAND USE/COVER AROUND VERNAL POOL:

Estimate % of each of the land use/cover categories within 50 m of pool. Estimates should total 100%:

____ % Woodland/Forest

☐ Hardwood (> 75% deciduous)

☐ Softwood (> 75% evergreen)

☐ Mixed Hardwood/Softwood (< 75% each)

If % woodland/forest is entered, record if canopy cover over the vernal pool is heavy or moderate:

☐ Heavy (> 50% canopy cover of trees/shrubs > 6 ft. tall)

☐ Moderate (< 50% canopy cover of trees/shrubs < 6 ft. tall)

____ % Agriculture/Fields

____ % Meadow/Marsh

_____ % Residential/Urban/Suburban

_____% Industrial

_____% Mining

_____% Pasture/Rangeland

_____ % Road

_____% Other: _____

NOTES:

_____

PERCENT VERNAL POOLS OCCUPIED DATA SHEET

LOCALITY: _____ **FOCAL VERNAL POOL NAME:** _____

OBSERVER: _____ **DATE:** _____ # of 50 m sections: _____

TRANSECT: N S E W **NEW VERNAL POOL NAME OR NUMBER:** _____

DISTANCE ALONG TRANSECT: _____ **m** **DISTANCE FROM TRANSECT:** _____ **m** **BEARING**: _____° ___

UTM ZONE: _____ **UTM DATUM:** **NAD 83** **UTM E:** _____ **UTM N:** _____ **ERROR:** _____ **+/-m**

LATITUDE (DDMMSS.SS): _____ **LONGITUDE**: _____ **ELEVATION:** _____ ☐ **m** ☐ **ft**

POOL MAX. LENGTH: _____ **m** **POOL MAX. WIDTH:** _____ **m** **POOL MAX. DEPTH:** _____ **cm**

SPECIES	Chorus Code	# Mated Pairs	Sperma-tophores	# Egg Masses	Tadpoles/ Larvae	# Juveniles	# Adults

LOCALITY: _____ **FOCAL VERNAL POOL NAME:** _____

OBSERVER: _____ **DATE:** _____ # of 50 m sections: _____

TRANSECT: N S E W **NEW VERNAL POOL NAME OR NUMBER:** _____

DISTANCE ALONG TRANSECT: _____ **m** **DISTANCE FROM TRANSECT:** _____ **m** **BEARING**: _____° ___

UTM ZONE: _____ **UTM DATUM:** **NAD 83** **UTM E:** _____ **UTM N:** _____ **ERROR:** _____ **+/-m**

LATITUDE (DDMMSS.SS): _____ **LONGITUDE**: _____ **ELEVATION:** _____ ☐ **m** ☐ **ft**

POOL MAX. LENGTH: _____ **m** **POOL MAX. WIDTH:** _____ **m** **POOL MAX. DEPTH:** _____ **cm**

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