



Ohio Vernal Pool Partnership Monitoring

Vernal Pool Monitoring Training

The purpose of this monitoring form is to assist you in gathering and recording important information about the characteristics, such as plants, wildlife, and water quality of the vernal pools in your area. For assistance in using this form please refer to the Ohio Vernal Pool Monitoring Instructions v 2.1. **Please Note: This form does not need to be completely filled out to be returned. Any information is valuable and greatly appreciated.**

Pool Location

Township: _____ City: _____

County: _____ Zip: _____

Date visited pool: _____ Time of visit: _____

Map type included:

USGS topographic map and Road map

GPS coordinates

Compass map

Latitude _____ Longitude _____

Written directions to the pool from a major intersection marked on a map:
(use additional pages if necessary)

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Observer Information

Name: _____ Phone: _____

E-mail: _____

Address: _____ City: _____

State: _____ Zip: _____

Landowner Information (if different from observer)

Name: _____ Phone: _____

E-mail: _____

Address: _____ City: _____

State: _____ Zip: _____

Pool Characteristics

Maximum pool size:

Depth at deepest spot: _____ m/ft (circle one)

Width at widest part: _____ m/ft

Length at longest part: _____ m/ft

Perimeter: _____ m/ft

Date of measurement _____

Duration of standing water:

Earliest date observed with water: _____

Earliest date without water: _____

Water quality data:

Water temperature: _____ F / C

Nitrogen: _____

Phosphorus: _____ mg/L

E. Coli: Y N Fecal Coliform: Y N

pH: _____

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Pool Map

Draw a picture of the pool with an arrow indicating north. Please include photo location, surrounding landmarks, and other important features such as vegetation (forest, shrub, etc.).

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Please summarize data from the salamander monitoring form and the anuran chorusing form.

Salamanders

- Eastern Red-spotted newt (*Notophthalmus viridescens*)
- Spotted salamander (*Ambystoma maculatum*)
- Tiger salamander (*A. tigrinum*)
- Smallmouth salamander (*A. texanum*)
- Marbled salamander (*A. opacum*)
- Jefferson salamander (*A. jeffersonianum*)
- Ambystomatid hybrid (Jefferson Complex) (*A. jeffersonianum* complex)
- Four-toed salamander (*Hemidactylium scutatum*)
- other _____

Frogs and Toads

- American toad (*Bufo americanus*)
- Fowler's toad (*B. fowleri*)
- Bullfrog (*Rana catesbeiana*)
- Green frog (*R. clamitans*)
- N. leopard frog (*R. pipiens*)
- Wood frog (*R. sylvatica*)
- W. chorus frog (*Pseudacris triseriata*)
- Spring peeper (*Pseudacris crucifer*)
- Gray Tree frog (*Hyla versicolor* and *H. chrysoscelis*)
- B. cricket frog (*Acris crepitans blanchardi*)
- Mountain Chorus Frog (*Pseudacris brachyphona*)
- other _____

Turtles

- Spotted turtle
- Wood turtle
- Snapping turtle
- Painted turtle
- Box turtle
- other _____

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Snakes

- Northern water snake
- Garter snake
- Ribbon snake
- other _____

Invertebrates

In this section put an 'A' for adult or a 'L' for larvae.

- caddis fly larvae
- predaceous diving beetle
- crawling water beetle
- water scavenger beetle
- whirligig beetle
- damselfly
- dragonfly
- backswimmer
- water boatman
- water scorpion
- giant water bug
- fairy shrimp
- amphibious snails (alive or empty shell)
- fingernail clams (alive or shell)
- leech
- other _____
- other _____

(Please attach additional pages for other invertebrates.)

Plant Species

- American Elm
- cattail
- bullrush
- duck weed
- marsh marigold
- hop sedge
- blue flag
- other _____
- other _____

(Please attach additional pages for other plant species.)

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Vegetation Buffer

Please indicate the width of the undisturbed buffer:

North	East	West	South
<input type="checkbox"/> < 10m	<input type="checkbox"/> < 10m	<input type="checkbox"/> < 10m	<input type="checkbox"/> < 10m
<input type="checkbox"/> 10-25m	<input type="checkbox"/> 10-25m	<input type="checkbox"/> 10-25m	<input type="checkbox"/> 10-25m
<input type="checkbox"/> 25-50m	<input type="checkbox"/> 25-50m	<input type="checkbox"/> 25-50m	<input type="checkbox"/> 25-50m
<input type="checkbox"/> 50-100m	<input type="checkbox"/> 50-100m	<input type="checkbox"/> 50-100m	<input type="checkbox"/> 50-100m
<input type="checkbox"/> >100m	<input type="checkbox"/> >100m	<input type="checkbox"/> >100m	<input type="checkbox"/> >100m

Please estimate percent of buffer for each community listed (should equal 100%).

Forest Shrubs
 Meadow other (_____)

If the buffer is less than 100m: Consider the area 100m around the pool and estimate the percent of each of the following landuse categories (should equal 100%).

Forest Shrubs
 Meadow Pasture
 Agriculture Road
 Residential other (_____)

Distance to the nearest woodlot _____ m/ft (enter "o" if within one)

Distance to the nearest wetland _____ m/ft

Estimate the size of the woodlot in acres _____

Are there any waterways that flow through the buffer zone? Y N

Land Uses

Please briefly describe the major land uses, such as row farming, housing, or industrial, beyond the buffer zone (indicate scale, e.g. 1km, watershed, etc.). Include any future changes you may know of. Use additional pages if necessary.
