



1a) Observer Information Visit 1 Visit 2 Visit 3 Time: from \_\_\_\_\_ AM PM to \_\_\_\_\_ AM PM

Name(s): \_\_\_\_\_ Date: \_\_\_\_\_

1b) Property Information Ownership? Public Private Landowner/Manager Name: \_\_\_\_\_

Site name: \_\_\_\_\_ Address: \_\_\_\_\_

Plot # \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

2a) Vernal Pool Location Was pool mapped as a Potential Vernal Pool (PVP)? Yes No

Pool ID #: \_\_\_\_\_ New Pool ID #: \_\_\_\_\_ Enter coordinates in Decimal Degrees (e.g. Latitude: 44.764322 Longitude: -72.654222)

Township/Range/Section/1/4 info: \_\_\_\_\_ Latitude: \_\_\_\_\_ Longitude: \_\_\_\_\_

County: \_\_\_\_\_ For verification of PVP's location please enter names and coordinates for the nearest crossroads. Record as Decimal Degrees as shown above.

Method for locating pool? In the Field Latitude: \_\_\_\_\_ Longitude: \_\_\_\_\_

GPS Topo Map Google Earth Air Photo Crossroad names: \_\_\_\_\_

2b) Brief Site Directions to Pool \*\*

Blank box for site directions

\*\* Written site directions to pool (This should include: (1) description of a logical starting point; (2) the distance from the starting point to pool; (3) the direction of travel; and (4) distinctive landmarks and water bodies.): For example 'Enter Robinhood Park on the trailhead at Jordan Road. Follow the trail west approximately 1/2 mi. This is the first pool on your left, just behind a low stone wall.'

3a) Pool Type Is this a Vernal Pool? Yes No Not Sure Pool Photo Numbers: \_\_\_\_\_

Open Pool Sparsely Vegetated Pool Shrubby Pool

Forested Pool Marsh Pool Other (describe): \_\_\_\_\_

3b) Presence of Inlet or Outlet

Is this pool isolated or connected to a part of another water feature? culvert lake open/emergent/shrubby wetland

Yes, pool is isolated No, pool is connected to: (check ALL that apply) stream ditch forested wetland vernal pool

If inlet/outlet is present, indicate type: permanent temporary do not know none

3c) Surrounding Habitat (within 100 feet of pool) (check ALL that apply)

Upland Deciduous Forest Lowland Deciduous Forest Disturbances: Powerline right-of-way Other: \_\_\_\_\_

Upland Coniferous Forest Lowland Coniferous Forest Agriculture Light development (<25%) No disturbances

Upland Mixed Forest Lowland Mixed Forest Road/driveway Intensive development (>25%)

Floodplain Grassland or open paved Minor logging (> or = 70% canopy remaining)

Emergent Wetland (marsh, bog) dirt/gravel Major logging (< or = 70% canopy remaining)

4a) Approximate Maximum Pool Depth 4d) Approximate Size of Pool (at maximum capacity - at widest and longest points)

Ankle-deep (<6") Hip-deep (2-3 ft) Width: \_\_\_\_\_ feet

Shin-deep (6-12") Chest-deep (3-4 ft) Length: \_\_\_\_\_ feet

Knee-deep (12-24") Deeper than 4 ft Size determined by: Pacing Measuring Using GPS

4b) Water Level at Time of Survey (check one) 4e) Substrate (when dry - check ALL that apply)

Full/Nearly full 75-100% Less than half 25-49% Leaf litter Sand - Gravel Unknown

Partially full 50-74% Dry/mostly dry 0-24% Bedrock Muck - Peat Other: \_\_\_\_\_

4c) Water temperature (\*F): \_\_\_\_\_ Loam Silt - Clay

**4f) Vegetation in Pool**

Are trees (trees = or > 4" in diameter) present in the basin? (check one)

- No  Yes, within pool basin  Yes, but only at the edge

# of trees only within the pool basin? \_\_\_\_\_  live and/or  dead/snags

% Cover within the pool (check one):

Floating vegetation:  0%  1 to 9%  10 to 25%  26 to 50%  >50%

Emergent vegetation:  0%  1 to 9%  10 to 25%  26 to 50%  >50%

Shrubs:  0%  1 to 9%  10 to 25%  26 to 50%  >50%

Tree canopy over pool basin (when leaves are fully out):  0%  1 to 9%  10 to 25%  26 to 50%  >50%

**4g) Pool Disturbance** (in pool, immediately adjacent or along shore of pool - check all that apply)

- Dumping - Refuse  Filling  Invasive Species Present  
 Ditching - Draining  Sediment  Purple loosestrife  Garlic mustard  
 Agricultural runoff  Vehicle ruts  Reed canary grass  Other: \_\_\_\_\_  
 Cultivation - Livestock  Presence of rock pile or other anthropogenic disturbance  No disturbances

**4h) Cover** (Any material in the pool that can provide egg attachment sites and offer concealment to adults and/or larvae; check all that apply):

- Shrubs  Submergent vegetation  
 Branches, twigs  Logs or large woody debris  
 Sphagnum moss  Emergent vegetation (grasses, cattails)  
 Algae  Other: \_\_\_\_\_  
 Leaf litter

**5) Indicator Species and Additional Species** (if other species are observed please list below in blank fields under Fingernail Clams)

Provide a photograph of each indicator species (adults, juveniles/larvae, or egg masses) observed. **Photos of species observed are required.**

Species Observed	Adults	Tadpoles/Larvae	Egg Masses			Photo? Yes	Notes/Photo ID#
			Number	Estimated	Counted		
Wood Frog				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Spotted Salamander				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Blue-spotted Salamander				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Fairy Shrimp							
Fingernail Clams							
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

**Were any of the following observed?** (check ALL that apply)

- Fish: (indicate all lengths observed)  ≤ 3"  > 3"  Green frogs:  tadpoles  adults  
 Bullfrogs:  tadpoles  adults  Other: \_\_\_\_\_

**Comments:**

**Draw diagram of pool** (include landmarks, location of indicated species, north arrow and area surveyed if entire pool was not surveyed):