

## Vermont Vernal Pool Mapping Project

### Vernal Pool Field-Verification Data Sheet

#### 1a) Observer Information

Name: \_\_\_\_\_ Address: \_\_\_\_\_  
Phone: \_\_\_\_\_  
Email: \_\_\_\_\_

#### 1b) Credentials (please check all that apply)

- ☐ Professional Biologist/Ecologist ☐ Trained Citizen Scientist  
☐ Natural Resource Professional (forester, land manager, etc) ☐ Self-informed Naturalist  
☐ Educator ☐ Other  
Have you attended a Vernal Pool Training Session? ☐ Yes ☐ No

#### 2a) Vernal Pool Location Information

Pool ID: \_\_\_\_\_ Date: (mm/dd/yyyy)

Check one: ☐ a). This pool was mapped as a "potential" pool  
☐ b). This pool was unmapped

If a) above, was the pool located? ☐ Yes ☐ No

How certain are you that you were in the correct location?

☐ Certain ☐ Pretty Sure ☐ Not Sure

What navigation method was used? (check one)

☐ GPS ☐ Map & compass ☐ Prior knowledge of site  
☐ Other \_\_\_\_\_

Brief site directions to pool:

Town: \_\_\_\_\_

Comments: \_\_\_\_\_

#### 2b) Location of Pool

**Source of Pool Coordinates** ☐ GPS ☐ Topo map ☐ Google Earth ☐ VT ANR Mapping website

Enter coordinates in Decimal Degrees (for example: Latitude: 44.764322 Longitude: -72.654222)

Latitude/Northing: \_\_\_\_\_

Longitude/Easting: \_\_\_\_\_

#### 2c) Landowner Contact Information

Are you the landowner? \_\_\_\_\_ Yes \_\_\_\_\_ No

If no, was landowner permission obtained for this survey? \_\_\_\_\_ Yes \_\_\_\_\_ No

Landowner's contact information (if known). Name: \_\_\_\_\_ Phone: \_\_\_\_\_

Address: \_\_\_\_\_

Is this a Vernal Pool? ☐ Yes ☐ No ☐ Don't know

<b>3a)</b> <b>Pool Type</b> (select one)		<input type="checkbox"/> Isolated Forest Depression <input type="checkbox"/> Floodplain Depression <input type="checkbox"/> Manmade (impoundment, quarry, excavated pond, etc.)		<input type="checkbox"/> Isolated Non-Forest Depression <input type="checkbox"/> Pool associated with larger wetland complex <input type="checkbox"/> Other (describe):	
<b>3b)</b> <b>Presence of Inlet and/or Outlet</b>		<b>Type of Inlet (an inlet is a seasonal or permanent channel providing water into pool)</b> <input type="checkbox"/> No Inlet <input type="checkbox"/> Ephemeral Inlet <input type="checkbox"/> Permanent Inlet (channel between well-defined banks)			
		<b>Type of Outlet (an outlet is a seasonal or permanent channel draining water from pool)</b> <input type="checkbox"/> No Outlet <input type="checkbox"/> Ephemeral Outlet <input type="checkbox"/> Permanent Outlet (channel between well-defined banks)			
<b>3c)</b> <b>Surrounding Habitat</b> (within 250 feet of pool) (check all that apply)		<b>Forested Upland</b> <input type="checkbox"/> Deciduous <input type="checkbox"/> Coniferous <input type="checkbox"/> Mixed	<b>Forest Condition</b> <input type="checkbox"/> Undisturbed <input type="checkbox"/> Minor logging <input type="checkbox"/> Major logging	<input type="checkbox"/> Agriculture/grassland <input type="checkbox"/> Light development (<25% developed) <input type="checkbox"/> Intensive development (>25% dev.) <input type="checkbox"/> Road/driveway ( <input type="checkbox"/> paved <input type="checkbox"/> dirt/gravel) <input type="checkbox"/> Powerline right-of-way <input type="checkbox"/> Other: _____	
Comments:					

## 4d) Approximate size of pool (at maximum capacity)

<b>Hydrology</b>		Width: _____ □ ft      Length: _____ □ ft	
<b>4a) Approximate Maximum Pool Depth</b>		<b>4e) Vegetation Present in Pool</b>	
<input type="checkbox"/> Ankle-deep (<6")	<input type="checkbox"/> Hip-deep (2-3 ft)	Trees: _____ %	Emergent: _____ %
<input type="checkbox"/> Shin-deep (6-12")	<input type="checkbox"/> Chest-deep (3-4ft)	Shrubs: _____ %	Floating: _____ %
<input type="checkbox"/> Knee-deep (12-24")	<input type="checkbox"/> Deeper than 4 ft		
<b>4b) Water Level at Time of Survey</b>		<b>4f) Substrate</b>	
<input type="checkbox"/> Full	<input type="checkbox"/> Less than 50%	<input type="checkbox"/> Leaf litter	<input type="checkbox"/> Bedrock
<input type="checkbox"/> More than 50%	<input type="checkbox"/> Dry	<input type="checkbox"/> Sand/Gravel	<input type="checkbox"/> Mud <input type="checkbox"/> Other:
<b>4c) Hydroperiod</b> (select the likely hydroperiod below)		<b>4g) Pool Disturbance</b> (check all that apply) <input type="checkbox"/> Siltation	
<input type="checkbox"/> Permanent	<input type="checkbox"/> Semi-permanent (drying partially in all years and completely in drought years)	<input type="checkbox"/> Dumping	<input type="checkbox"/> Vehicle ruts <input type="checkbox"/> Agricultural runoff
<input type="checkbox"/> Ephemeral (drying out completely during the growing season in most years)		<input type="checkbox"/> Ditching/draining	<input type="checkbox"/> Other:

Provide a photograph of the pool & each indicator species (or egg masses) observed.

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

**Comments:**

Were Fish Observed? <input type="checkbox"/> Yes <input type="checkbox"/> No	How Many? <input type="checkbox"/> <10 <input type="checkbox"/> 11-50 <input type="checkbox"/> >50	Size: <input type="checkbox"/> <1" <input type="checkbox"/> 2-4" <input type="checkbox"/> >4"
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