

Vermont Vernal Pool Atlas

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: _____

3. Vernal Pool Field-Verification Information			Is this a Vernal Pool? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know		
3a) Pool Type (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): _____			
3b) Presence of Inlet and/or Outlet	Type of Inlet (an inlet is a seasonal or permanent channel providing water into pool) <input type="checkbox"/> No Inlet <input type="checkbox"/> Ephemeral Inlet <input type="checkbox"/> Permanent Inlet (channel between well-defined banks)				
Outlet	Type of Outlet (an outlet is a seasonal or permanent channel draining water from pool) <input type="checkbox"/> No Outlet <input type="checkbox"/> Ephemeral Outlet <input type="checkbox"/> Permanent Outlet (channel between well-defined banks)				
3c) Surrounding Habitat (within 250 feet of pool) (check all that apply)	Forested Upland <input type="checkbox"/> Deciduous <input type="checkbox"/> Coniferous <input type="checkbox"/> Mixed	Forest Condition <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:					

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

5. Indicator Species		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"		