



Vermont Vernal Pool Atlas

Vernal Pool Field-Verification Data Sheet

1a) Observer Information	
Name: _____	Address: _____
Phone: _____	_____
Email: _____	
1b) Credentials (please check all that apply)	
<input type="checkbox"/> Professional Biologist/Ecologist	<input type="checkbox"/> Trained Citizen Scientist
<input type="checkbox"/> Natural Resource Professional (forester, land manager, etc)	<input type="checkbox"/> Self-informed Naturalist
<input type="checkbox"/> Educator	<input type="checkbox"/> 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? <input type="checkbox"/> Yes <input type="checkbox"/> No	Brief site directions to pool: 	
How certain are you that you were in the correct location? <input type="checkbox"/> <i>Certain</i> <input type="checkbox"/> <i>Pretty Sure</i> <input type="checkbox"/> <i>Not Sure</i>	Town: _____	
What navigation method was used? (check one) <input type="checkbox"/> GPS <input type="checkbox"/> Map & compass <input type="checkbox"/> Prior knowledge of site <input type="checkbox"/> Other _____	Comments: _____	

2b) Location of Pool	
Source of Pool Coordinates <input type="checkbox"/> GPS <input type="checkbox"/> Topo map <input type="checkbox"/> Google Earth <input type="checkbox"/> 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"/> Isolated Non-Forest Depression	
	<input type="checkbox"/> Floodplain Depression	<input type="checkbox"/> Pool associated with larger wetland complex	
	<input type="checkbox"/> Manmade (impoundment, quarry, excavated pond, etc.)	<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)		
	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	Forest Condition	<input type="checkbox"/> Agriculture/grassland
	<input type="checkbox"/> Deciduous	<input type="checkbox"/> Undisturbed	<input type="checkbox"/> Light development (<25% developed)
	<input type="checkbox"/> Coniferous	<input type="checkbox"/> Minor logging	<input type="checkbox"/> Intensive development (>25% dev.)
	<input type="checkbox"/> Mixed	<input type="checkbox"/> Major logging	<input type="checkbox"/> Road/driveway (<input type="checkbox"/> paved <input type="checkbox"/> dirt/gravel)
Comments:		<input type="checkbox"/> Powerline right-of-way	
		<input type="checkbox"/> Other: _____	

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	4e) Vegetation Present in Pool Trees: _____ % Emergent: _____ %
<input type="checkbox"/> Ankle-deep (<6") <input type="checkbox"/> Hip-deep (2-3 ft)	<input type="checkbox"/> Shrubs: _____ % Floating: _____ %
<input type="checkbox"/> Shin-deep (6-12") <input type="checkbox"/> Chest-deep (3-4ft)	4f) Substrate <input type="checkbox"/> Leaf litter <input type="checkbox"/> Bedrock
<input type="checkbox"/> Knee-deep (12-24") <input type="checkbox"/> Deeper than 4 ft	<input type="checkbox"/> Sand/Gravel <input type="checkbox"/> Mud <input type="checkbox"/> Other:
4b) Water Level at Time of Survey	4g) Pool Disturbance (check all that apply) <input type="checkbox"/> Siltation
<input type="checkbox"/> Full <input type="checkbox"/> Less than 50%	<input type="checkbox"/> Dumping <input type="checkbox"/> Vehicle ruts <input type="checkbox"/> Agricultural runoff
<input type="checkbox"/> More than 50% <input type="checkbox"/> Dry	<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? Yes	Notes/Photo ID#
			Number	Estimated	Counted		
Wood Frog							
Spotted Salamander							
Jefferson Salamander							
Blue-spotted Salamander							
Fairy Shrimp							
Fingernail Clams							
Other:							
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"		