

## VERNAL POOL DATA SHEET

Survey Date:	Investigator(s):	Town:	CAWS Pool #:	CAWS Project #:
Town Staff Contacted? Yes <input type="checkbox"/> No <input type="checkbox"/>	Project/property name:		Pool Type:	Development: <input type="checkbox"/> Reference: <input type="checkbox"/>
Address/location (or include annotated map):			Investigator's Contact information:	

**SEARCH CONDITIONS AND METHODS (required)**

**WEATHER:**

**Precipitation:** Within last  Cloud Cover:   
 Current 24 hours  clear   
 partly cloudy   
 mostly cloudy   
 full cloud cover

**Start time:**

**End time:**

**Methods used:**

Visual   
 Dipnetting

**Type of Inspection:**

baseline  Polarized sunglasses used?   
 during construction  Yes   
 post construction  No

**Comments:**

Temporary flagging used to mark egg masses? Yes  No

**AMPHIBIAN EGG MASS COUNTS (required)**

**Wood frogs:**  1-25  26-49  ~~50~~  250-300   
 condition  50-75  300-400   
 If condition mixed, 75-100  400-500   
 note "some", "many" 100-150  500-750   
 or "most" 150-200  750-1000   
 intact: 200-250  1000-1250   
 breaking up:  >1250   
 hatching:

*Describe estimation method used for a large raft:*

**Spotted Salamanders:**

**Condition:**

intact: <input type="text"/>	<u>Total Number</u>
breaking up: <input type="text"/>	<input type="text"/>
hatching: <input type="text"/>	

**ADDITIONAL NOTES: (optional)**

**CONDITIONS/OBSERVATIONS WITHIN POOL (required data)**

		<u>Flowing</u>	Not flowing
Inlet observed?	No <input type="checkbox"/> Yes <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Outlet observed?	No <input type="checkbox"/> Yes <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
finfish observed?	No <input type="checkbox"/> Yes <input type="checkbox"/>		
Estimated water depth range?	<input style="width: 100%;" type="text"/>		

*Optional Data (see also back of sheet)*

**Other Vernal Pool Species:**

fairy shrimp present? Yes  No   
 marbled salamander larvae present? Yes  No

**Vegetation (within or overhanging pool):**

Trees/Saplings:   
 Shrubs/Vines:   
 Herbs:   
 Percent tree canopy closure?   
 Woody debris content? High  Med.  Low

**Pool Substrate: (top three)**

Peat   
 Mud/muck  Sand/Silt  Bedrock   
 Leaf Litter  Silt/clay  Gravel/cobbles

**Water Quality:**

ph  conductivity (uS/cm)  temperature (°C)   
 Nitrate-N (mg/l)  Total P (ug/l)  DO (mg/l)   
 turbidity (NTU's)  Sulphidic odor? No  Yes   
 Approximate % cover by algal mat or duckweed?   
 GPS coordinates:

**CONDITIONS IN ENVELOPE WITHIN 100 FT OF POOL (required data)**

*Give approximate percentage or show on sketch on back*

Landuses/conditions			
forest	<input type="text"/>	shrubland	<input type="text"/>
pasture	<input type="text"/>	lawn	<input type="text"/>
exposed soil	<input type="text"/>	grading	<input type="text"/>
road	<input type="text"/>	busy (>1 car/10 min.)	yes <input type="checkbox"/> no <input type="checkbox"/>
parking lot	<input type="text"/>		

**Comments:**

**Leaf Litter:** *If variable, note location (e.g. "N. shore")*

none/low:   
 moderate:   
 high:

<b>Cover Objects:</b>	<i>Logs</i>	<i>Rocks</i>
none:	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>
low:	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>
moderate:	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>
high:	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>

**Dominant vegetation (optional)**

Trees/saplings:   
 Shrubs/Vines:   
 Herbs:

**CONDITIONS IN ENVELOPE AROUND POOL (required data)**

*Estimate %cover (Hi, Med, Low, VLow, None)*

Landuses	Within 100 feet	100'-300' (optional)
forest	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>
shrubland	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>
exposed soil	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>
pavement	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>
building	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>
lawn	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>
field	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>
busy road (<1 car/10 min.)? yes <input type="checkbox"/>		yes <input type="checkbox"/>

**Leaf Litter within 100' (in wooded cover type)**

none/low:   
 moderate:   
 high:

<b>Cover Objects:</b>	<i>Logs</i>	<i>Rocks</i>
none:	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>
low:	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>
moderate:	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>
high:	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>

**Dominant vegetation within 100' (optional)**

Trees/saplings:   
 Shrubs/Vines:   
 Herbs:

