VERNAL POOL DATA SHEET

Survey Date:	Investigator(s):	Town:	CAWS Pool #:		CAWS Project #:
Town Staff Contacted? Yes ☐ No ☐	Project/property name:			Pool Type:	Development: ☐ Reference: ☐
Address/location (*or include annotated map*):			Investigator's Contact information:		

SEARCH CONDITIONS AND METHODS *(required)*

WEATHER:

Precipitation:

Current	Within last 24 hours

Cloud Cover:
- clear ☐
- partly cloudy ☐
- mostly cloudy ☐
- full cloud cover ☐

Start time:

End time:

Methods used:
- Visual ☐
- Dipnetting ☐

Type of Inspection:
- baseline ☐
- during construction ☐
- post construction ☐

Polarized sunglasses used? Yes ☐ No ☐

Comments:

Temporary flagging used to mark egg masses? Yes ☐ No ☐

AMPHIBIAN EGG MASS COUNTS *(required)*

Wood frogs:

condition	Abundance categories			
If condition mixed, note "some","many" or "most"	< 50 ☐	250-300 ☐		
	50-75 ☐	300-400 ☐		
	75-100 ☐	400-500 ☐		
	100-150 ☐	500-750 ☐		
	150-200 ☐	750-1000 ☐		
intact:	200-250 ☐	1000-1250 ☐		
breaking up:		>1250 ☐		
hatching:				

Describe estimation method used for a large raft:

Spotted Salamanders:

Condition:

	Total Number
intact:	
breaking up:	
hatching:	

ADDITIONAL NOTES: *(optional)*

CONDITIONS/OBSERVATIONS WITHIN POOL

(required data)

			Flowing	Not flowing
Inlet observed?	No ☐	Yes ☐	☐	☐
Outlet observed?	No ☐	Yes ☐	☐	☐
finfish observed?	No ☐	Yes ☐		

Estimated water depth range?

Optional Data (see also back of sheet)

Other Vernal Pool Species:

fairy shrimp present? Yes ☐ No ☐

marbled salmander 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 (^{o}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 ☐	shrubland ☐	meadow ☐			
pasture ☐	lawn ☐	building ☐			
exposed soil ☐	grading ☐	ag. field ☐			
road ☐	busy (>1 car/10 min.)	yes ☐	no ☐		
parking lot ☐					

Comments:

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

- none/low:
- moderate:
- high:

Cover Objects:	*Logs*	*Rocks*
none:		
low:		
moderate:		
high:		

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		
shrubland		
exposed soil		
pavement		
building		
lawn		
field		
busy road (<1 car/10 min.)? yes ☐		yes ☐

Leaf Litter within 100' (in wooded cover type)

- none/low:
- moderate:
- high:

Cover Objects:	*Logs*	*Rocks*
none:		
low:		
moderate:		
high:		

Dominant vegetation within 100' *(optional)*

- Trees/saplings:
- Shrubs/Vines:
- Herbs:

VERNAL POOL DATA SHEET, *p. 2*

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Project/property name:				Pool Type:	Development: ☐ Reference ☐

*Draw a **rough, quick** sketch of the pool showing **approximate locations of egg mass rafts & clusters** in relation to pool features, like logs, algal mats, and islands. Show inlet/outlet if present. Include north arrow and approxImate scale.*

SKETCH OF POOL *(required)*

WILDLIFE OBSERVATIONS: *(optional)*

Checklist of Facultative Herptile Fauna (Pool & Fringe):

Green Frog	☐	Spring Peeper	☐
Pickerel Frog	☐	Gray Tree Frog	☐
Bull Frog	☐	Pickerel Frog	☐
Eastern Toad	☐	Painted Turtle	☐
Spotted Turtle	☐	Snapping Turtle	☐
N. Water Snake	☐	Blue-spot. salam.	☐

Other Observed Fauna (Pool & Fringe):

*Draw a **rough, quick** sketch of the pool's **terrestrial envelope,** extending at least 200' from pool in all directions. Provide **detail on conditions & landuses within 100 feet of edge of pool.** Include north arrow and approxImate scale.*

SKETCH OF TERRESTRIAL ENVELOPE AROUND POOL *(required)*

ADDITIONAL NOTES: *(optional)*