



WISCONSIN EPHEMERAL PONDS PROJECT

EPHEMERAL POND DATA FORM – 2008 Page 1



Partner Name: _____ Date: _____ Time: Start _____ End _____ am / pm

A. Basin Location Station ID: _____ PEP ID: _____
 PLSS¹: Twp ___ N Range ___ E / W Sec ____, ___ ¼ ___ ¼ ¼
 County: _____ Local Name: _____
 Written directions to pond¹: _____

 GPS Coord¹: _____ LAT _____ LON (00.00000)
 (Deg-Min-Sec)
 Reported GPS Error¹: _____ m (noted in GPS window)
 GPS Coordinate System¹: WGS84 NAD83 WTM83/91
 Property Ownership¹: Public Private Unknown
YOU MUST FIRST HAVE LANDOWNER PERMISSION PRIOR TO CONDUCTING ANY SURVEYS ON PRIVATE LANDS

B. Observer Contact WAMS ID: _____
 Name: _____ (Print)
 Address¹: _____
 City¹: _____ State¹: ___ Zip¹: _____
 Phone/Email¹: _____
 Co-observer(s): _____
 Have you completed forms for this site previously? Yes No

C. Land Owner Contact (if private land)
 Name¹: _____ (Print)
 Address¹: _____

 City¹: _____ State¹: ___ Zip¹: _____
 Phone¹: _____
 Landowner grants permission for volunteer to access site: Yes

D. Basin Physical and Hydrologic Status

Weather Conditions: (see codes on instruction sheet or in methods) WIND: _____ SKY: _____ AIR TEMP: _____ C / F
 Weather Comment: _____
 Basin Isolated: Y / N / ? TYPE: STREAM / DITCH / CULVERT / WOODED SWAMP / OPEN MARSH / SPRING / LAKESHORE
 Are there other ponds in the area within view from this pond?: Y / N / ? CONNECTED / NOT CONNECTED
 Hydroperiod History: dry by late spring dry by late summer dry by late fall doesn't dry annually Not Sure
 SW % cover: 0 / 1-5 / 6-25 / 26-50 / 51-75 / 76-100 / ? % Canopy Cover: 0 / 1-5 / 6-25 / 26-50 / 51-75 / 76-100 / ?
 SW in contiguous pool?: Y / No, 2 or more separate pools Trees in basin¹: Y / N / ? Dom. Sp.: _____
 Water Depth: _____ in / cm meas. est. Edge defined¹: Y / Y-partial / No / ?
 High Water Mark¹: _____ in / cm meas. est. Basin size^{1-dry}: L _____ ft / m W _____ ft / m Circ: _____ ft / m T / P
 Water Temp: surface _____ C / F bottom _____ C / F Substrate Moist: Ponded Saturated moist dry
 Water pH: _____ (0.00) DO: _____ % / mg/L Cond: _____ uS/cm Substrate Cover Type: tree leaf herb mix bare
 Water color: clear / cloudy / dark / green tint / brown tint / ? Substrate¹: MINERAL / ORG MUCK / ORG PEAT / SAND / GRAVEL / ?
 SHOULD THIS SITE BE CONSIDERED A VEP?: Y / N / NOT SURE comment: _____

E. Basin Sketch¹ (shape, landuse, photo point, hydrology, eggmasses)

N
↑

TAKE PHOTO IF POSSIBLE. PHOTO ID: _____ (e.g., Initials+CameraPhoto#)

Basin shape¹: round / oval / egg-shaped / oblong / irregular / ?
Prox. to nearest road¹: < 30m / 30 – 100m / 100 – 300m / > 300m / ?
Road type¹: 2-lane paved / 2-lane other / driveway / field / ATV / ?

F. Adjacent Landuse¹

TYPE	CHECK (within 30 m of edge)
1. Developed:	yes <input type="checkbox"/> no <input type="checkbox"/> (urban, park, sidewalks)
2. Ag Cropland:	yes <input type="checkbox"/> no <input type="checkbox"/> (corn, soybean, hay, etc.)
3. Ag Pasture:	yes <input type="checkbox"/> no <input type="checkbox"/> (active grazing land)
4. Forested Upland:	yes <input type="checkbox"/> no <input type="checkbox"/> (non-wetland landscape)
5. Shrub Upland:	yes <input type="checkbox"/> no <input type="checkbox"/> (non-wetland landscape)
6. Upland Grassland:	yes <input type="checkbox"/> no <input type="checkbox"/> (non-wetland, open areas)
7. Forested Wetland:	yes <input type="checkbox"/> no <input type="checkbox"/> (wooded wetland areas)
8. Open Marsh:	yes <input type="checkbox"/> no <input type="checkbox"/> (open perennial wetlands)
9. Roads/RR's:	yes <input type="checkbox"/> no <input type="checkbox"/> (for motorized travel)

G. Basin Disturbance: (? = not sure)

Cultivation:	Y / N / ?	Erosion:	Y / N / ?
Livestock:	Y / N / ?	Nutrients:	Y / N / ?
Rutting:	Y / N / ?	Sediments:	Y / N / ?
Draining:	Y / N / ?	Refuse:	Y / N / ?
Filling:	Y / N / ?	Inv. Plants:	Y / N / ?
comment: _____			



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EPHEMERAL POND DATA FORM – 2008 Page 2

OFFICE USE

H. Basin Vegetation

Trees:	0 / 1-5 / 6-25 / 26-50 / 51-75 / 76-100	Dom.:
Shrubs:	0 / 1-5 / 6-25 / 26-50 / 51-75 / 76-100	Dom.:
Emerg:	0 / 1-5 / 6-25 / 26-50 / 51-75 / 76-100	Dom.:
Floating:	0 / 1-5 / 6-25 / 26-50 / 51-75 / 76-100	Dom.:
Submerg:	0 / 1-5 / 6-25 / 26-50 / 51-75 / 76-100	Dom.:
Veg. Flats:	0 / 1-5 / 6-25 / 26-50 / 51-75 / 76-100	Dom.:
Algae present:	0 / 1-5 / 6-25 / 26-50 / 51-75 / 76-100	Type: filamentous / other / not sure
Bare Soil:	0 / 1-5 / 6-25 / 26-50 / 51-75 / 76-100	Note:
CWD (>4"):	0 / 1-5 / 6-25 / 26-50 / 51-75 / 76-100	Note:
Reed/Canary Grass:	0 / 1-5 / 6-25 / 26-50 / 51-75 / 76-100	Other:

Plants in Basin: List species if sure of identity, otherwise use group (e.g. sedge, grass, mint)

I. Birds / Mammals Observed (list species observed within basin)

J. Reptile Evidence Observed (list species observed within basin)

SPECIES	SPECIES	SPECIES	SPECIES

K. Amphibian Evidence Observed (✓ check if observed) * characteristic of ephemeral pond

SPECIES	ADULT		EGGS	LARVAE	JUV	SPECIES	ADULT		EGGS	LARVAE	JUV
	v	c					v	c			
Bullfrog						Cricket Frog					
Green Frog						American Toad					
Pickereel Frog						Unidentified Frog					
Leopard Frog						Blue-spotted Salamander*					
Mink Frog						Spotted Salamander*					
Wood Frog*						E. Tiger Salamander*					
Chorus Frog*						Central Newt					
Spring Peeper*						Four-toed Salamander					
C. Gray Treefrog						Red-backed Salamander					
E. Gray Treefrog						Unidentified Salamander					

L. Aquatic Invertebrate Evidence Observed (check if observed) * characteristic of ephemeral pond

SPECIES	✓	SPECIES	✓	SPECIES	✓	SPECIES	✓	SPECIES	✓		
Alderfly		Cranefly		Fishing Spider		Marsh Treader		Seed Shrimp		W. Scorpion	
Amphipod/Scud		Crawl. W. Beetle		Mussel		Mayfly		Soldier Fly		Water Strider	
Aquatic Worm		Crayfish		Giant W. Bug		Mosquito		Springtail		Whirligig Beetle	
Backswimmer		Damselfly		Gilled Snail		Phantom Midge		Stoneflies			
Bristle Worm		Daphnia		Gordian Worm		Planaria		Tubifex Worm			
Caddisfly		Dragonfly		Hydra		Planorbid Snail		Water Boatman			
Chironomid Midge		Fairy Shrimp*		Isopod		Pouch Snail		Water Mite			
Clam Shrimp		Fingernail Clam*		Leech		P. Diving Beetle		W. Penny Beetle			
Copepod		Fishfly		Marsh Beetle		Pygmy Backswimmer		W. Scav. Beetle			

M. Observer Comments: (attach additional sheets as needed)

MAIL TO:
WI EPHEMERAL PONDS PROJECT
WI Dept. of Natural Resources WT/4
P.O. Box 7921, 101 S. Webster St.
Madison, WI 53707

¹ = Collect information only once in any given year