



**PART 303 – WETLAND DATA FORM**

This information is collected pursuant to Part 303, Wetlands Protection, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended.

Applicant: _____	For DEQ Use: File: _____
County: _____ T _____ R _____ S _____	Date: ____/____/____
Form Completed By: _____	Wetland Area: _____

**INSTRUCTIONS:**

Fill out all pertinent information on the following worksheets to substantiate your review. All methods should be in accordance with the *MDEQ Wetland Identification Manual: A Technical Manual for Identifying Wetlands in Michigan* and Part 303. Nomenclature shall follow Voss (1972, 1985, and 1996) or Gleason and Cronquist (2004).

**SITE REVIEW:**

\_\_\_\_\_(Y/N) Is the site significantly disturbed? If yes, describe: \_\_\_\_\_

\_\_\_\_\_(Y/N) Is there a potential Problem Area as described in the MDEQ Wetland Identification Manual?

If yes, describe: \_\_\_\_\_

**VEGETATION AND AQUATIC LIFE:**

<b>Dominant Vegetation on Wetland Side of the Boundary</b> (use additional sheets if necessary)			
<u>Genus/Species</u>	<u>Common Name</u>	<u>Stratum*</u>	<u>Indicator Status</u>

**Aquatic Life Observed** \_\_\_\_\_  
\_\_\_\_\_

<b>Dominant Vegetation on Upland Side of the Boundary</b> (use additional sheets if necessary)			
<u>Genus/Species</u>	<u>Common Name</u>	<u>Stratum*</u>	<u>Indicator Status</u>

\*Stratum: H = Herbaceous (woody and herbaceous plants <3.2 ft. tall); S = Sapling/Shrub (≥3.2 ft. tall AND <3" DBH); O = Overstory (≥3" DBH)

**HYDROLOGY (Requires One Primary or Two Secondary Indicators):**

<p><b>Primary Indicators:</b></p> <p>_____ (√) Visible observation of inundation (Depth _____ in.)</p> <p>_____ (√) Visible observation of soil saturation (Depth _____ in.)</p> <p>_____ (√) Hydric soils (√ below)</p> <p>_____ (√) Watermarks</p> <p>_____ (√) Drift lines</p> <p>_____ (√) Sediment deposits</p> <p>_____ (√) Drainage patterns within wetlands</p> <p><b>Other:</b> _____</p>	<p><b>Secondary Indicators:</b></p> <p>_____ (√) Oxidized rhizospheres in upper 12"</p> <p>_____ (√) Water stained leaves</p> <p>_____ (√) Confirm soil profile matches hydric soil list</p> <p>_____ (√) FAC-Neutral test</p> <p>_____ (√) Bare soil areas</p> <p>_____ (√) Morphological plant adaptations (√ below)</p>
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<p><b>Hydric Indicators for Non-Sandy Soils</b></p> <p>_____ (√) Organic soils (Histosols)</p> <p>_____ (√) Histic epipedon</p> <p>_____ (√) Sulfidic material (H<sub>2</sub>S odor)</p> <p>_____ (√) Soil color (immediately below A-horizon or within 10 inches of the surface, whichever is shallower)</p> <p>_____ (√) Gleyed (gray) soil (i.e. matches Gley page)</p> <p>_____ (√) Matrix chroma of 2 or less in mottled soils</p> <p>_____ (√) Matrix chroma of 1 or less in unmottled soils</p> <p>_____ (√) Black mineral soil with gray mottles at ≤ 10 inches</p> <p>_____ (√) Confirm soil profile matches local hydric soil list</p> <p>_____ (√) Iron and manganese concretions</p> <p>_____ (√) Reducing soil conditions (ferrous iron test)</p> <p>_____ (√) Aquic or peraquic moisture regime</p>	<p><b>Additional Hydric Indicators for Sandy Soils</b></p> <p>_____ (√) High organic matter in the surface horizon</p> <p>_____ (√) Streaking of subsurface horizons by organic matter</p> <p>_____ (√) Organic pans: at depth of _____ inches</p> <p><b>Supplemental Indicators of Hydric Soils:</b> (e.g., NRCS Field Indicators of Hydric Soils):</p> <p>_____</p> <p>_____</p> <p>_____</p>
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**Morphological Plant Adaptations Observed(√):** \_\_\_\_\_ Adventitious roots    \_\_\_\_\_ Shallow root system    \_\_\_\_\_ Floating leaves

\_\_\_\_\_ Inflated leaves, stems, or root    \_\_\_\_\_ Polymorphic leaves    \_\_\_\_\_ Oxygen pathway to roots    \_\_\_\_\_ Floating stem

\_\_\_\_\_ Hypertrophied lenticels    \_\_\_\_\_ Multiple trunks or stooling    \_\_\_\_\_ Buttressed tree trunks    \_\_\_\_\_ Pneumatophores

**SOIL PROFILE NOTES:**

<b>Soil Profile on <i>Wetland Side</i> of the Boundary</b>				
<b>Map Unit from Soil Survey:</b>				
Depth (inches)	Matrix color (hue/value/chroma)	Mottle Color (if present)	Texture (e.g., sandy loam, etc.)	Notes
<b>Soil Profile on <i>Upland Side</i> of the Boundary</b>				
<b>Map Unit from Soil Survey (if different than above):</b>				
Depth (inches)	Matrix color (hue/value/chroma)	Mottle Color (if present)	Texture (e.g., sandy loam, etc.)	Notes

**WETLAND DETERMINATION**

- \_\_\_\_\_ (√) Predominance of wetland vegetation (Fac, Fac+, FacW-, FacW, FacW+, OBL) or aquatic life
- \_\_\_\_\_ (√) Wetland hydrology and/or hydric soil present
- \_\_\_\_\_ (Y/N) Is the area wetland (both wetland hydrology/soils and a predominance of wetland vegetation present)?
- \_\_\_\_\_ (Y/N) Is the area REGULATED wetland (refer to Part 303 - Wetland Jurisdictional Determination Form)?

<b>Wetland Types (√ all that are present):</b>			
_____ (√) Emergent Marsh	_____ (√) Deciduous Swamp	_____ (√) Fen	_____ (√) Shrub Swamp
_____ (√) Wet Meadow	_____ (√) Coniferous Swamp	_____ (√) Bog/Muskeg	_____ (√) Floodplain Forest
_____ (√) Wet Prairie	_____ (√) Deciduous Forest	_____ (√) Great Lakes Marsh	_____ (√) Submergent Marsh
Other (e.g. rare and imperiled community, reed canary grass dominated, highly disturbed): _____			

**Comments:** \_\_\_\_\_