

**WISCONSIN DATA FORM ATTACHMENT
 ROUTINE WETLAND DETERMINATION
 (1987 COE Wetlands Delineation Manual)**

Project/Site:	Sampling Date:
Applicant/Owner:	Sampling Point:
Investigators:	Plant Community ID:
WWI Mapped Wetland: Yes No Classification:	NRCS Wetland? Yes No
Comments: Describe problem area or atypical conditions, other site limitations during investigation that may affect determination (i.e., season of site visit, recent precipitation or drought, cloud cover, etc.)	

VEGETATION (Fill this section out only if Supplement data form results show one or more plant species which are listed on the 1988 Plant Indicator List as FAC- are dominant)

Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test Worksheet	
1.				Number of Dominant Species That are OBL, FACW, FAC+ or FAC: _____ (A)	
2.					
3.					
4.					
5.					
= Total Cover				Total Number of Dominant Species Across All Strata: _____ (B)	
Sapling/Shrub Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status		
1.					% of Dominant Species That Are OBL, FACW, FAC+ or FAC: _____ (A/B)
2.					
3.					
4.					
5.					
= Total Cover				Hydrophytic Vegetation Present? Dominance Test is > 50% (50/20 Rule) Yes _____ No _____	
Herb Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status		
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
= Total Cover					
Woody Vine Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status		
1.					
2.					
= Total Cover					

Comments: Describe observed plant morphological adaptations to wet conditions or problem or atypical situations that may affect plant species composition.

SOILS

Map Unit Name (Series and phase): _____ Taxonomy (subgroup): _____	Drainage class: _____ Field observations confirm mapped type?: Yes No Other hydric soil*
--	---

NRCS Hydric Soils Indicators (List any indicators for LRRs K & M which are observed): _____ _____ _____ _____	COE 1987 Manual Hydric Soil Indicators: <table style="width:100%;"> <tr> <td>_____ Histosol</td> <td>_____ Concretions</td> </tr> <tr> <td>_____ Histic epipedon</td> <td>_____ High organic content in surface layer in sandy soils</td> </tr> <tr> <td>_____ Sulfidic odor</td> <td>_____ Organic streaking in sandy soils</td> </tr> <tr> <td>_____ Aquic moisture regime</td> <td>_____ Listed on local hydric soils list</td> </tr> <tr> <td>_____ Reducing conditions</td> <td>_____ Other (explain in Comments)</td> </tr> <tr> <td>_____ Gleyed or low chroma colors</td> <td></td> </tr> </table>	_____ Histosol	_____ Concretions	_____ Histic epipedon	_____ High organic content in surface layer in sandy soils	_____ Sulfidic odor	_____ Organic streaking in sandy soils	_____ Aquic moisture regime	_____ Listed on local hydric soils list	_____ Reducing conditions	_____ Other (explain in Comments)	_____ Gleyed or low chroma colors	
_____ Histosol	_____ Concretions												
_____ Histic epipedon	_____ High organic content in surface layer in sandy soils												
_____ Sulfidic odor	_____ Organic streaking in sandy soils												
_____ Aquic moisture regime	_____ Listed on local hydric soils list												
_____ Reducing conditions	_____ Other (explain in Comments)												
_____ Gleyed or low chroma colors													

Comments: (Explain problem area soils or atypical situations affecting soils characteristics)
 * If field observations do not confirm mapped type but represent another hydric soil found in the county, check “other hydric soil” and describe here

HYDROLOGY

<table style="width:100%;"> <tr> <td>_____ Recorded Data (Describe in comments)</td> </tr> <tr> <td>_____ Stream or lake gauge</td> </tr> <tr> <td>_____ Aerial photograph</td> </tr> <tr> <td>_____ Other</td> </tr> <tr> <td>_____ FSA Slide Review (list years reviewed in comments section & attach form NRCS-CPA-32W)</td> </tr> <tr> <td>_____ No Recorded Data Available</td> </tr> </table> <p>Field Observations Depth of surface water: _____ (inches above soil surface) Depth to free water in pit: _____ (inches from soil surface) Depth to saturated soil: _____ (inches from soil surface) No water observed: _____ (if checked, explain in comment section if observation is outside early growing season) Antecedent moisture conditions normal? ___ Yes ___ No (If no, explain in comments section)</p>	_____ Recorded Data (Describe in comments)	_____ Stream or lake gauge	_____ Aerial photograph	_____ Other	_____ FSA Slide Review (list years reviewed in comments section & attach form NRCS-CPA-32W)	_____ No Recorded Data Available	Wetland Hydrology Indicators: <table style="width:100%;"> <tr> <td style="width:50%;">Primary Indicators:</td> <td style="width:50%;">Secondary Indicators:</td> </tr> <tr> <td>_____ Inundated</td> <td>_____ Oxidized rhizospheres in upper 12”</td> </tr> <tr> <td>_____ Saturated in upper 12”</td> <td>_____ Water-stained leaves</td> </tr> <tr> <td>_____ Water marks</td> <td>_____ Local soil survey data</td> </tr> <tr> <td>_____ Drift lines</td> <td>_____ FAC-neutral test</td> </tr> <tr> <td>_____ Sediment deposits</td> <td>_____ Other (i.e., mapped floodway must provide justification in comments section)</td> </tr> <tr> <td>_____ Drainage patterns in wetlands</td> <td></td> </tr> </table>	Primary Indicators:	Secondary Indicators:	_____ Inundated	_____ Oxidized rhizospheres in upper 12”	_____ Saturated in upper 12”	_____ Water-stained leaves	_____ Water marks	_____ Local soil survey data	_____ Drift lines	_____ FAC-neutral test	_____ Sediment deposits	_____ Other (i.e., mapped floodway must provide justification in comments section)	_____ Drainage patterns in wetlands	
_____ Recorded Data (Describe in comments)																					
_____ Stream or lake gauge																					
_____ Aerial photograph																					
_____ Other																					
_____ FSA Slide Review (list years reviewed in comments section & attach form NRCS-CPA-32W)																					
_____ No Recorded Data Available																					
Primary Indicators:	Secondary Indicators:																				
_____ Inundated	_____ Oxidized rhizospheres in upper 12”																				
_____ Saturated in upper 12”	_____ Water-stained leaves																				
_____ Water marks	_____ Local soil survey data																				
_____ Drift lines	_____ FAC-neutral test																				
_____ Sediment deposits	_____ Other (i.e., mapped floodway must provide justification in comments section)																				
_____ Drainage patterns in wetlands																					

Comments: (Describe any atypical or problem situations, including seasonal wetland hydrology, especially as it relates to antecedent moisture conditions):

WETLAND DETERMINATION USING THE 1987 MANUAL AND 1991/1992 GUIDANCE (WITHOUT REGIONAL SUPPLEMENTS)

Hydrophytic vegetation present _____ Wetland hydrology present _____ Hydric soils present _____	Is the sampling point in a wetland? _____
--	--

Comments (Justification for determination):