

WI Wetland Determination Methods Data Sheet Guide – ver 3, 2-13-2015

Site ID: Identification of Sampling Units (SU's) and ROP's (Routine Observation Points) from your Base Map.

Soils: Provide FSA Variance 5-18 for offsite hydric soil indicator or hydric inclusion. Provide the hydric soil indicator when completing onsite determinations or FSA Variance 5-54 if mapped as a hydric soil or hydric inclusion. "None" would be the option when there are no hydric soils mapped or on-site verified no hydric indicator.

Mapped as Hydric soil **Y/P/N**

Y=Hydric, P= Possible hydric inclusions, N=Non-hydric. Soil map symbol could also be put in this column.

Plants: Record the Dom. Plant species that is OBL, FACW, FAC or upland, or "label" from the DNR wetland inventory map, or ESD plant ID, or OSD plant list. Percentages of plant community based on plotless method should also be included for on-site data.

Hydrology: 50% or greater wetness signatures using **NORMAL YEARS** (at least 5 not more than 15 normal years.)

-**Landscape Position: (only for onsite)** Sloping, closed depression, net receiving of water-concave, Flats or if you can prove a depression offsite.

-**Hydrology indicator code (ACOE) data form: (only for onsite)** Midwest and North-Central/Northeast (**below**) *If A1, A2, or A3 are indicated, then the depth of saturation/inundation must be recorded.

MIDWEST HYDROLOGY INDICATORS

Primary Indicators (minimum of one required)

A1 – Surface water
A2 – High water table
A3 – Saturation
B1 – Water marks
B2 – Sediment deposits
B3 – Drift deposits
B4 – Algal mat or crust
B5 – Iron deposits
B7 – Inundation visible on aerial imagery
B8 – Sparsely vegetated concave surface
B9 – Water-stained leaves
B13 – Aquatic fauna
B14 – True aquatic plants
C1 – Hydrogen sulfide odor

C3 – Oxidized rhizospheres along living roots
C4 – Presence of reduced iron
C6 – Recent iron reduction in tilled soils
C7 – Thin muck surface
D9 – Gauge or well data

Secondary Indicators (minimum of two required)

B6 – Surface soil cracks
B10 – Drainage patterns
C2 – Dry-season water table
C8 – Crayfish burrows
C9 – Saturation visible on aerial imagery
D1 – Stunted or stressed plants
D2 – Geomorphic position
D5 – FAC-neutral test

NORTH-CENTRAL/NORTHEAST HYDROLOGY INDICATORS

Primary Indicators (minimum of one required)

A1 – Surface water
A2 – High water table
A3 – Saturation
B1 – Water marks
B2 – Sediment deposits
B3 – Drift deposits
B4 – Algal mat or crust
B5 – Iron deposits
B7 – Inundation visible on aerial imagery
B8 – Sparsely vegetated concave surface
B9 – Water-stained leaves
B13 – Aquatic fauna
B15 – Marl deposits
C1 – Hydrogen sulfide odor
C3 – Oxidized rhizospheres along living roots

C4 – Presence of reduced iron
C6 – Recent iron reduction in tilled soils
C7 – Thin muck surface

Secondary Indicators (minimum of two required)

B6 – Surface soil cracks
B10 – Drainage patterns
B16 – Moss trim lines
C2 – Dry-season water table
C8 – Crayfish burrows
C9 – Saturation visible on aerial imagery
D1 – Stunted or stressed plants
D2 – Geomorphic position
D3 – Shallow aquitard
D4 – Microtopographic relief
D5 – FAC-neutral test

Manipulation: Pick one or more: None, Ditches, tile, fill, woody vegetation removal and year observed

*Wood vegetation removal before 1985 counts as manipulation. Post 1985 is ok within 5 years of the current year for maintenance only in FW or FWP. No stump removal in W.

Crop History: Need 1 year of crop history before 12/23/1985, Yes or No (any year pre 1985 imagery should be used)

Wetland Labels:

*Record what the label is on the inventory map in your determination area.

*Record what the new wetland label is in "New Wetland Label Exemption".

Notes: Used for FSA Variances and whether an Offsite (**Level 1**)/Onsite (**Level 2**)/Combination (**Level 3**) was used and any other documentation to help understand the decision that was made.

~Do not leave blank spaces in rows if a SU is indicated in the Site ID. This can be construed as being not completed. Enter a dash —, or "NA" if it does not apply and why in the "Notes:" section.

****Understand that the back of the form is for the formal side review to determination hydrology of the sites and for crop history.**