WETLAND REPORT CHECKLIST

This document is intended to provide those reviewing wetland delineations for regulatory purposes with a checklist of basic components that should be considered when reviewing wetland delineations. It can also serve as a useful guide for those conducting delineations and preparing reports. This checklist is for most routine wetland delineations in Crow Wing County. Other report components and review considerations may be applicable depending on the characteristics of the site being evaluated. Users should consult the 1987 Corps of Engineers Wetland Delineation Manual, any applicable regional supplement, and Board of Water & Soil Resources guidance documents for more specific information and explanations.

Basic Report Components

- ☐ Site location map
- ☐ National Wetland Inventory (NWI) map
- ☐ Soil survey map (one option is the web soil survey: http://websoilsurvey.nrcs.usda.gov/app/)
- ☐ MN Department of Natural Resources Protected Waters (PWI) information
- ☐ Recent aerial photo with sampling point locations, site boundary, and wetland boundaries
- ☐ Survey map (depending on type of project)
- ☐ Wetland delineation data sheets corresponding to indicated sampling point locations

General Report Contents

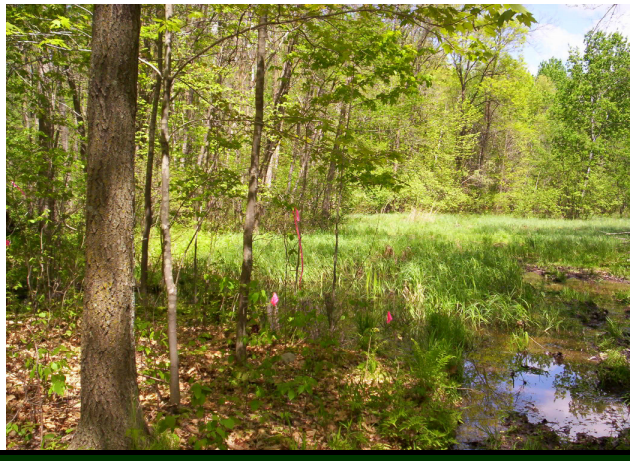
- ☐ Circular 39 wetland types and Eggers & Reed plant community types identified for each wetland
- ☐ Vegetation and landscape position of all adjacent upland areas identified and described
- ☐ Wetland-upland transitions described for each wetland in terms of vegetation, soils, and hydrology
- ☐ Methodology for identifying potential wetland areas described
- ☐ All potential wetlands adequately investigated and described in the report

Data Sheets

- ☐ "Normal circumstances", "disturbed" and "problematic" designations properly identified
- ☐ Vegetation classified into appropriate layers (herb, shrub, tree, vine)
- ☐ Scientific name and indicator status identified
- ☐ 50/20 dominance rule applied properly for each vegetation layer
- ☐ Soil described to at least 20 inches from the soil surface
- ☐ Soil textures and Munsell colors given for each soil layer in sample profile
- ☐ Redox features identified by Munsell color, prominence, and size

Field Review

- ☐ Appropriate number of sampling transects
- ☐ Sample points representative of the plant community and landscape position being sampled
- ☐ Appropriate vegetation sample plot sizes used
- ☐ Vegetation properly identified and quantified
- ☐ Soil pits deep enough to document presence/absence of all potential hydric soil indicators
- ☐ Soil layers properly described in terms of texture, color, and redox features
- ☐ Hydric soil indicators properly applied
- ☐ Hydrology indicators properly applied
- ☐ Delineation flag spacing appropriate



Questions??? Contact Mitch Brinks, Environmental Services (218) 824-1128, mitch.brinks@crowwing.us