



## Hydric Soil Indicators for Wetland Delineation

Forest Preserve District of DuPage County  
35580 Naperville Road, Wheaton, IL 60189

*Fee: \$200 payable to Illinois Soil Classifiers Association*

***April 27, 2023***

### Soil Properties and the Hydric Soil Indicators

Forest Preserve District of DuPage County Headquarters  
35580 Naperville Road, Wheaton, IL 60189

8:00-8:30

- Registration & Refreshments

8:30-12:00

- Introduction – Ken Anderson
- Basic Properties of Hydric Soils – Mary Beth Falsey
- Formation of Redoximorphic Features – Mark Bramstedt
- Soils, Landscapes, and Water Flow – Mark Bramstedt
- Introduction to Hydric Soil Indicators – Alicia Metzger
- Hydric Soil Indicators of the Midwest Supplement and how to describe them – Alicia Metzger

12:00-1:00

- Lunch (on your own)

1:00-3:30

- Hydric Soils in the Field- Group Leaders guide participants through the descriptions and indicators, Danada Forest Preserve, Wheaton

***April 28, 2023***

### Field Application of Hydric Soil Indicators

West Branch Forest Preserve, DuPage County Forest Preserve  
*(Map of parking/meeting location to be provided on day 1 of class)*

8:30-8:45

- Recap of Day 1

8:45-9:30

- Panel Discussion- Common Problems with Soil Descriptions- Ken Anderson, Mark Bramstedt, Mary Beth Falsey, Clayton Heffter, Alicia Metzger

9:30-12:00 Field Identification of Indicators

- Hydric Soils in the Field. Group Leaders guide participants through the descriptions and indicators

12:00-12:15

- Review of the Field Activity

### Instructors

All instructors are members/soil classifiers of the Illinois Soil Classifiers Association

Kenneth N. Anderson, Jr., Environmental Project Manager, Engineering Resource Associates

Mark Bramstedt, Soil Scientist, M&M Soils

Mary Beth Falsey, Water Quality Supervisor, DuPage County Stormwater Management

Clayton Heffter, Stormwater Permitting Manager, DuPage County

Alicia Metzger, Professional Wetland Scientist/Soil Scientist, V3 Companies

### Technical Support

Jenna Fahey, Wetland Supervisor, DuPage County Stormwater Management

### Co-sponsors

Illinois Soil Classifiers Association

DuPage County Stormwater Management

Engineering Resource Associates

V3 Companies

M&M Soils

### References

Environmental Laboratory. 1987. Corps of Engineers wetlands delineation manual. United States Army Corps of Engineers. Waterways Experiment Station Technical Report Y-87-1.

U. S. Army Corps of Engineers. 2010. Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Midwest Region (Version 2.0), ed. J. S. Wakeley, R. W. Lichvar, and C. V. Noble. ERDC/EL TR-10-16. Vicksburg, MS: U.S. Army Engineer Research and Development Center.

Schoeneberger, P.J., D.A.Wysocki, E.C Benham, and Soil Survey Staff. 2012. Field book for describing and sampling soils, version 3.0. Natural Resources Conservation Service, National Soil Survey Center, Lincoln, NE.

United States Department of Agriculture, Natural Resources Conservation Service. 2017. Field indicators of hydric soils in the United States, version 8.1. L.M. Vasilas, G.W. Hurt, and J.F. Berkowitz (eds.). In cooperation with the National Technical Committee for Hydric Soils.

Vepraskas, M.J. 2015. Redoximorphic features for identifying aquic conditions. Technical Bulletin 301. North Carolina Agricultural Research Service, North Carolina State University, Raleigh, NC.