

Colin P. McConnell, CWS, CPESC, DECI

Natural Resources Lead



EDUCATION

B.S., Environmental Science,
Simpson College, 1998

Certification of Surveying and
Engineering, Southern Illinois
University, 2003

Joined Firm in 2019

Years of Experience: 25

REGISTRATIONS

Certified Professional in
Erosion and Sediment Control

CERTIFICATIONS

Certified Designated Erosion
Control Inspector, Lake County
Stormwater Management
Commission

Certified Wetland Specialist,
McHenry County

Certified Wetland Specialist,
Lake County

ASSOCIATIONS

Illinois Soil Classifiers
Association

Colin has extensive experience in environmental assessments and monitoring, wetland delineations, restoration design, stormwater pollution prevention plans, and prescribed burns. He has implemented a variety of sustainable solutions, such as porous pavers, native plantings, bioswales, rain gardens, and wet bottom detention basins. His expertise in erosion control and soil stabilization encompasses traditional methods, such as silt fencing and erosion control blankets, as well as geowebbing and geogrid paths. Colin has worked closely with regulatory agencies, including the Army Corps of Engineers and Illinois Department of Natural Resources on many projects.

REPRESENTATIVE PROJECTS

Algonquin, IL

Randall Road Wetland Enhancement

Project Manager and Construction Foreman for creek restoration and stabilization, installation of a prairie path, 60-foot pedestrian bridge with retaining walls installed on north and south ends, and a large riprap spillway with an overflow control structure.

Also included in the project was a detention basin retrofit, which included pulling the existing storm sewer and converting the basin from an ornamental lawn to native vegetation. Native maintenance of the western 20 acres which includes ongoing prescribe burn, mowing, brush clearing and herbiciding for the next five years.

Glenview, IL

Pine Street Park Streambank Stabilization

Natural Resource Specialist for 764-linear feet of stabilization along the west side of the North Branch of the Chicago River. The project also included construction of a 200-linear foot bioswale and a 0.2 acre bioretention cell (rain garden).

Round Lake, IL

Native Maintenance

Natural Resources Manager for an ongoing annual contract to maintain two basins in the Village. Both projects involve restoring and maintaining prairie/wetland areas. Annual maintenance is conducted, along with visits throughout the year to maintain healthy growth. The areas are burned on a three-year cycle to control cattails and allow for native sedges and rushes to establish. During the winter, there are continual brush removal efforts using both mechanical and chemical methods. The goal is to clear a native wet prairie area in the future.

Elk Grove Village, IL

Ditch Management Program

Natural Resources Manager for ongoing contract to restore drainage swales throughout the Village as a remedy for continual flooding issues. Native maintenance includes removal of unwanted species, including reed canary grass, cattails, teasel, Canadian thistle, purple loosestrife, phragmites, and woody growth. The project also includes construction and regrading of the swales for severe erosion.