

**Sean McDonough**  
*Ecotone Inc.*  
**Environmental Scientist**

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**Education**

B.S., Geography/Environmental Planning, Towson University, Towson, MD, 1999

**Related Course Work**

*Wetland Delineation in Winter*, Environmental Concern, 2003

*Maryland DNR Qualified Professional*, MD DNR, 2003

*Intermediate Soil Identification*, NRCS Soil Conservation Service, 2004

**Relevant Experience**

Mr. McDonough is an Environmental Scientist for Ecotone, Inc., an environmental consulting firm specializing in wetland, forest, stream, and natural resource assessment, restoration, and regulatory guidance. Mr. McDonough has 7 years of professional experience in environmental consulting, wetland assessment and design, environmental permitting and construction.

Mr. McDonough has experience in wetland delineation, Jurisdictional Determinations, forest stand delineation, regulatory compliance, mitigation design, mitigation monitoring, and permitting. In addition, his experience includes, forest conservation planning, mitigation planting plans, stream assessment, invasive species management, and construction.

**Selected relevant projects include:**

**Harford County Parks & Recreation Wetland Delineation**, Harford County, MD, 2008. Natural Resource Specialist. Completed wetland delineation for a 90 acre parcel owned by Harford County Parks and Recreation under consideration for a new park facility.

**Travilah Natural Resource Inventory/Forest Stand Delineation**, Montgomery County, MD, 2008. Natural Resources Specialist. Performed wetland delineation, natural resource and forest stand delineation for a redevelopment project. Prepared NRI/FSD documents and coordinated approval of plans.

**Little Blackwater Site Design**, Dorchester County, MD 2007-8. Environmental Scientist. Assist Landscape Architect in completing a 728 acre design to restore, wetland, stream, forest, and meadow communities. Create planting plans to provide a diverse habitat for a wide range of species.

**Goodman Property Wetland & Swamp Run Restoration**, Lenoir County, NC, 2007-8. Environmental Scientist. Assist in the overall design and permitting of 4,325 linear feet of swamp run and wetland restoration. Create planting plans to provide a bottomland hardwood riparian and wetland plant community located within the Neuse River Basin.

**Long Green Creek Wetland Mitigation Projects**, Baltimore County, MD, 2007-8. Environmental Scientist. Complete annual wetland mitigation monitoring, perform invasive species management, and coordinate inspections with county and state regulatory staff to ensure the success of 27.5 acres of riparian wetland adjacent to a high quality trout stream at two sites in the Long Green Valley, Baltimore County, MD.

**Bonnie View Estates Stream Restoration**, Baltimore County, MD, 2007-8. Environmental Scientist. Assist Construction Manager to complete stream restoration implementation, including the installation of multiple cross vanes, imbricated rock walls, and linear stream bank plantings for a planned residential community on the grounds of a former golf course in the Jones Falls Watershed, Baltimore County, MD.

**Umbarger Farm Wetland Mitigation**, Harford County, MD, 2007-8. Environmental Scientist. Perform wetland mitigation monitoring and invasive species management for two acres of nontidal wetlands created on marginal agricultural land as mitigation for off-site impacts.

**McGuigan Farm Wetland Creation**, Harford County, MD, 2007-8. Environmental Scientist. Perform wetland mitigation monitoring, invasive species management, and coordinate inspections with county and state regulatory staff for eight acres of nontidal wetland created using funds from the state wetland program.

**Broadmead Community Wetland/Forest Stand Delineation**, Baltimore County, MD 2006. Natural Resource Specialist. Performed wetland delineation, forest stand delineation, forest conservation plans, variance and alternatives analysis for the Broadmead Retirement Community.

**Delight Quarry Wetland Delineation**, Baltimore County, MD, 2006. Natural Resource Specialist. Completed a wetland delineation and wetland survey on the 118 acre Delight Quarry as part of the mine reclamation and site redevelopment plan.

**Lakes at Stansbury Shores Wetland Permitting**, Baltimore County, MD, 2005. Natural Resource Specialist. Completed drawings, assembled complete permit package, completed on-site wetland mitigation design, mitigation planting plans, marina design, and obtained tidal and nontidal wetland permits for site redevelopment in the Chesapeake Bay Critical Areas.

**Inter County Connector Stream Assessment**, Montgomery County, MD, 2004. Environmental Scientist. Performed biological stream assessments for the State Highway Administration throughout Montgomery County to assess potential for stream restoration as mitigation for impacts associated with the Inter County Connector project.