

Richard Berkey
Ecotone, Inc.
Construction Specialist
Environmental Scientist

Education

B.A. Environmental Studies. Eastern College, St. Davids, PA. 1998
38 Hour ACOE Wetland Delineation & Management Training Program, August 2004
16 Hour Real – Time Kinematic Surveying, February 2004
Applied Fluvial Geomorphology, Wildland Hydrology, October 2006
North Carolina Stream Restoration and Construction Training, NCEEP, December 2006

Relevant Experience

Mr. Berkey is an Environmental Scientist and Construction Project Manager with Ecotone, Inc., an environmental consulting firm specializing in wetland, forest, and natural resource assessment, restoration, and regulatory guidance. He has more than 7 years experience in stream restoration and wetland construction project management. He has held supervisory positions in the construction of over 20 large stream restoration projects, 10 wetland restoration projects, and 2 major fish passage projects. Rich also has 3 years of experience using Real Time Kinematic survey systems, as well as serving as a Wetland Construction Consultant for beneficial use of dredge material placement sites. Mr. Berkey is skilled in developing and interpreting construction plans with emphasis on feasibility, cost analysis, as well as contract and time constraints. He also has experience in wetland delineations, forest stand delineations, analyzing sites for wetland creation potential, and construction monitoring of stream and wetland restoration projects. Mr. Berkey's skills also include proficiency in several survey and navigational software programs including Trimble Geomatics, Hyrdopro, Hypac, Garmin, HT Basic, Navtech, and Maptech.

Relevant projects include:

Long Green Wetland Creation, Baldwin, MD, 2007. Construction Manager. Constructed 8.3 acres of palustrine forested wetlands. Oversaw all construction aspects of the project, including site layout, construction to detail, soil management, planting, subcontractors, budget management, grading operations, field correspondence, and contract deadlines. Prior to construction, performed hydrologic studies of the site for the design, as well as aided in the design of conceptual plans.

Mt. Pleasant Wetland Mitigation, Woodstock, MD, 2007. Construction Manager. Constructed 1.5 acres of palustrine forested wetlands for the Howard County Conservancy. Oversaw all construction aspects, including site layout, construction to detail, soil management, planting, subcontractors, budget management, grading operations, field correspondence, and contract deadlines.

Booze Creek Stream Restoration, Bethesda, MD, 2006. Construction Manager. Provided assessment and final design plans for 1,200 linear feet of restoration for an entrenched and highly erodible reach of Booze Creek at the Holton Arms School. Oversaw the construction aspect of the project that included restoring channel sinuosity and stabilization of streambanks using imbricated riprap, cross vanes, bioengineering, and riparian plantings.

Forest Glen Stream Restoration: Silver Spring, MD, 2006. Construction Superintendent. Restoration and stabilization of an unnamed tributary to Rock Creek. This project included the installation of stone toe protection, coir rolls, and bioengineering. Construction completed 2006.

Hammonds Branch Stream Restoration, Laurel, MD, 2005-2006. Construction Superintendent. Restored 1,900 linear feet of Hammonds Branch for Maryland State Highway. Project was constructed in 2005-2006 and included various stream stabilization techniques as well as floodplain creation. Oversaw all construction aspects including, site layout, construction, planting, subcontractors, budget management, grading operations, field correspondence, and contract deadlines.

Falling Spring Branch Stream Restoration, Chambersburg, PA, 2006. Construction Project Manager. Restoration of approximately 3,000 linear feet of Falling Spring Creek for the Falling Spring Greenway. The
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project included the installation of various trout habitat structures as well as filling and grading channel banks to increase sinuosity through out the reaches.

Dickenson Run Stream Restoration, Carroll County, MD, 2004. Associate Restoration Specialist. The project involves the design and construction of 1,800 linear feet of stream restoration along Dickerson Run in New Windsor. Served as project manager and helped aid in construction layout as well as administer time and contract obligations.

Greencroft Restoration, Baltimore County, MD, 2005. Project Manager. The project involved the restoration of base flow along an unnamed tributary to the Gunpowder River due to thirty years of sediment deposition in front of a culvert. Served as on-site project manager that worked with the inspectors and local landowners to coordinate an effort to suite all parties needs.

Poplar Island Environmental Restoration Project, Talbot County, MD, Ongoing. Wetland Construction Consultant. The project involved over 1,200 acres of tidal wetland construction and upland habitat. Held several positions through out the duration of this 20-year project. Serving as a Wetland Construction Consultant involved in meetings with the ACOE, Maryland Port Authority, and Maryland Environmental Services designed to provide information about construction techniques for wetlands as well as planning the placement of dredge material in conjunction with meeting the needs of the project. Involved with monitoring the progression of construction on the island as well as writing lessons learned reports.

East Beaver Dam Run, Baltimore County, MD, 2002. Project Manager. Supervised all equipment operators, grading foremen, and total project contract requirements. This project involved approximately 1,200 feet of stream restoration that included the construction of a water quality pond, demolition of an existing concrete channel, installing in stream flow structures and meander protection.

White Marsh Run, Baltimore County, MD, 2001-2002. Project Foreman. High profile restoration project involving approximately 50 acres of floodplain and wetland restoration along with approximately 3,000 linear feet of stream restoration. Formerly a clay and sand mine, this site was abandoned in a completely degenerated state that required a combination of stabilizing techniques from fascines and live stakes to class III armor stone. Performed site layout for relocated stream channel and stream protection areas and oversaw equipment operators to ensure proper construction of the design.