

Fred DiBello

Senior Project Scientist Restoration Specialist



Capabilities

Wetland Science:

- Stream restoration design and construction
- Wetland mitigation design and monitoring
- Wetland delineations and function value assessments
- Erosion control evaluation and design
- Permitting and regulatory advising

Permitting Expertise:

- Clean Water Act Secs. 401 / 404 and 404(b)(1) Analyses
- River and Harbors Act, Sec. 10
- Support for EIS and EA preparation
- FERC Hydroelectric Licensing (Exhibit E and EAs)
- Avoidance and Minimization Support
- NEPA Compliance and Documentation
- Section 7 Biological Assessments
- State and Local Wetland Alteration Permitting
- Shoreland and Coastal Zone Management Permitting
- Natural Resources Sections of Maine DEP Site Location Permits

Ecological Research and Studies:

- Habitat mapping and Ecological Characterization
- Literature Research and Compilation
- Endangered and Threatened Plant and Animal Species (Federal- and State-listed)
- Riverbank Stabilization
- Aerial Photo Interpretation and Vernal Pool Mapping
- Critical or Significant Wildlife and Fisheries Habitats

Experience

Stantec Consulting. 2007-present. Senior Project Scientist.

Woodlot Alternatives, Inc.

1988 - Present. Wildlife Biologist/Senior Project Scientist

Maine Land Use Regulation Commission, Augusta, Maine

1985 - 1988. Enforcement Coordinator/Environmental Specialist

Maine Cooperative Wildlife Research Unit, Orono, Maine

1982 - 1984. Research Technician, Predator and Waterfowl
1978 - 1980. Research Technician, Predator and Waterfowl

Standard Metals Corporation, Denver, Colorado

1981. Geology and Mining Technician

Canadian Wildlife Service, Sackville, New Brunswick

1978. Wildlife Technician/Duck Bander

Mr. DiBello is a wildlife biologist and environmental scientist with over 25 years of experience in wildlife research, wetland mitigation, environmental permitting, and land use regulations.

Mr. DiBello has managed and conducted a wide range of projects, including large scale wetland delineations (remote sensing and field surveys), inventories of significant natural resources, erosion control plans, and studies on wetland mitigation banking. He has located and designed many wetland mitigation projects, prepared the compensation plans, provided construction oversight, and conducted long term monitoring of mitigation sites. He is experienced in planting plan design and river bank bioengineering. He is proficient in AutoCAD and prepares maps, plans, and construction details. Preparing permit applications for clients is also one of his routine tasks.

Mr. DiBello's prior experience as an enforcement coordinator / environmental specialist at State of Maine Land Use Regulatory Commission (LURC) provides a sound understanding of Maine's natural resource regulations and how they are applied to proposed projects. He also has had hands on experience in minerals exploration and construction projects.

Affiliations

- Maine Chapter of The Wildlife Society
- Maine Association of Wetland Scientists

Education

B.S. Wildlife Management, 1980, University of Maine at Orono.

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(207) 729-1199

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Selected Project Experience

Interstate 93 Exit 4A EIS and Mitigation Planning, NH.

Project Scientist. Assisted in preparing NEPA EIS and technical reports for proposed interchange and access roads. Participated in updating of natural resource studies, integration of impact evaluations, and alternatives analysis. Coordinated identification of potential offsite mitigation areas, developed conceptual mitigation designs, and provided support in permit applications.

Calais-Perry Route 1 Border Crossing Mitigation, ME.

Project Scientist. Provided technical support for wetland impact evaluations and mitigation design for new international border crossing and associated road improvements.

Mere Point Site Evaluations and Facility Planning, ME.

Project Scientist. Assisted Maine DIFW with site evaluations, impact assessments, permitting, and mitigation design for controversial state recreational facility. Evaluated wetlands, site alternatives, and layout options with engineers and regulators.

Maine DOT Route 26 Wetland Mitigation and Permitting, ME.

Project Scientist. Assisted in permitting for major highway bypass in western Maine. Evaluated potential wetland impacts and developed mitigation plans that included stabilization and restoration of a section of the Royal River. Served as liaison with regulatory agencies, and helped negotiate final mitigation plans and timetables. On-site mitigation involved removal of a section of old highway and restoration of floodplain, as well as preservation of adjacent wetlands.

Bangor Hydro Transmission Line Corridor Assessments, ME.

Project scientist. Provided ecological evaluations concerning potential impacts of an 85-mile 345 kV power line project along two alternate corridors, as part of a permitting review process. Evaluated forest fragmentation, wetland impacts, wildlife habitats, water quality impacts, and recreational use along the alternate corridors, and developed opinions regarding the relative impact levels between the routes.

Eastern Trail Bicycle Corridor Wetland Evaluations, NH

and ME. Project Scientist. Performed wetland evaluations and route feasibility studies along proposed 60-mile-long Eastern Trail bike corridor from Portsmouth, NH to Scarborough, Maine. Working closely with landscape architects and engineers, assisted in alternate route evaluations and cost estimates.

Skowhegan Bypass Feasibility Studies and Environmental Assessment, ME.

Conducted natural resource investigations and impact assessments along multiple highway route alternatives surrounding Skowhegan and crossing the Kennebec River. Studies included botanical and wildlife surveys, wetland mapping and assessments, geological resource reviews, and rare species surveys. Documentation of resources included an assessment of permitting issues and mitigation requirements, and production of natural resources sections of a NEPA EA.