
SENIOR ENVIRONMENTAL SCIENTIST

TECHNICAL EXPERTISE

Wetland Delineation
Impact Evaluation & Analysis
Expert Testimony
Permits & Environmental Compliance
Construction Monitoring
Wildlife Habitat Assessment
Site Assessment & Remediation

EXPERIENCE

2009 – Present

Mason & Associates, Inc.
Senior Environmental Scientist

2009

SAGE Environmental, Inc.
Senior Project Manager

1996-2009

Natural Resource Services, Inc.
Project Manager

1995-1996

Applied Bio-Systems, Inc.
Wetland Biologist

EDUCATION

1992/BS/Soil and Water Resources
University of Rhode Island

PROFESSIONAL CERTIFICATIONS

Professional Wetland Scientist #2010

Society of Wetland Scientists

Professional Soil Scientist

Society of Soil Scientists of
Southern New England

RI Certified Invasive Manager

RICRMC & University of Rhode Island

NRCS Technical Service Provider

TSP-11-7617

Pesticide Applicator #O-39603

CTDEP

OSHA Certification

OSHA 30-Hour Construction Safety &
OSHA 40-Hour HAZWOPER

PROFESSIONAL ASSOCIATIONS

RI Association of Wetland Scientists
Society of Wetland Scientists
Society of Soil Scientists of
Southern New England
The Wildlife Society

Joseph P. McCue, PWS

PROFESSIONAL PROFILE

Mr. McCue is a Senior Environmental Scientist responsible for state and federal wetland issues relating to wetland delineation, permitting, and regulatory procedures for environmental planning and natural resource management including commercial, residential, government and utility projects. Mr. McCue has been working in freshwater and coastal wetland identification, delineation, permitting, and wetland impact assessment since 1996. Mr. McCue is a Professional Soil Scientist certified by the Society of Soil Scientists of Southern New England (SSSSNE) and has experience in soil morphological analysis, mapping and interpretation. He is a Professional Wetland Scientist (PWS #2010) registered with the Society of Wetland Scientists (SWS). Mr. McCue has conducted numerous wildlife habitat assessments and vernal pool evaluations.

Mr. McCue has conducted well over one thousand wetland delineations in the States of Rhode Island, Massachusetts and Connecticut. His work includes analyzing wetland functions and values according to US Army Corps of Engineers (USACOE), Massachusetts Department of Environmental Protection (MADEP), the Rhode Island Department of Environmental Management (RIDEM), the Rhode Island Coastal Resources Management Council (RICRMC) and the Connecticut Department of Environmental Protection (CTDEP), preparation and submissions of RIDEM, RICRMC and MADEP wetland applications, project monitoring to ensure compliance with the terms and conditions of issued permits, and development of RICRMC Buffer Zone Management plans using ArcMap10 GIS software.

He has designed several replication and restoration wetlands, and has supervised their constructions as well as performing post-construction monitoring of replication and restored wetlands.

Mr. McCue has been accepted as an expert in wetland delineation, wetland biology and aerial photograph interpretation by planning and zoning boards in numerous municipalities in Rhode Island. He has also provided expert testimony in both wetland delineation and aerial photograph interpretation at Rhode Island Superior Court and the RIDEM Administrative Adjudication Division. He has appeared before Conservation Commissions in Massachusetts, Connecticut and Rhode Island.

Mr. McCue also has experience in site remediation work, including performing Phase I site assessments, groundwater gauging & sampling, and supervision of site remediation activities.

WETLAND EXPERIENCE

National Grid – RI: Mr. McCue has conducted wetland delineations on behalf of National Grid for transmission line and pole replacement projects along utility lines in Rhode Island; including the 11.4 mile parallel 115kV transmission lines Q143 and R144 from the Woonsocket substation in North Smithfield, through Lincoln, North Providence, terminating at the Admiral Street substation in Providence.

US Naval Facility – Newport, Middletown, Portsmouth, RI: Mr. McCue delineated all of the freshwater wetlands within the 1,000+ acre US Naval Facility. He collected and prepared the necessary data for submission of a wetland edge verification with the RIDEM.

RI Resource Recovery Corporation – Johnston, RI: Mr. McCue photo-interpreted the entire RI Resource Recovery property and performed the subsequent delineation of all wetlands within the property. He also performed wildlife habitat assessments and assisted project engineers in the permit application submittals. Project phases have been reviewed by DEM and ACOE.

The Nature Conservancy’s Tillinghast Pond Management Area – West Greenwich, RI: Mr. McCue performed an aerial photograph interpretation of the 1800 acre property for The Nature Conservancy prior to the Conservancy’s purchase of the property. Mr. McCue field checked the photo interpreted wetland locations.

RESTORATION/MONITORING EXPERIENCE

University of Connecticut Wetland Restoration and Mitigation – Storrs, CT: Mr. McCue has managed the wetland related studies in support of UConn’s landfill closure and wetland restoration project. Work has involved wetland delineation in accordance with the standards in the USACOE Interim Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Northcentral and Northeast regions. Mr. McCue is providing long term permit compliance monitoring, including vernal pool, vegetation and invasive species monitoring, water table data collection and wildlife monitoring data to assess functional assessment of the 2 acres of created wetland and 3 acres of restored wetlands.

Supervision of Wetland Construction, Gillette Stadium – Foxboro, MA: Mr. McCue supervised the construction of a one-quarter acre replication wetland, as remediation for a stream crossing associated with infrastructure improvements and Stadium expansion. He inspected the replicated wetland weekly, then yearly for two years, to assess the success of the constructed wetland. He also prepared written progress reports for submission to MADEP.

WILDLIFE EXPERIENCE

Wildlife Habitat Evaluation, Proposed Subdivision – Richmond, RI: Mr. McCue supervised weekly investigations of species utilization of an open water body to determine its value for amphibian breeding. He performed dip-net sweeps for species identification and attended meetings at RIDEM to discuss permitting strategies for avoidance and minimization.

EXPERT TESTIMONY EXPERIENCE

RI Superior Court, Lombardi vs. Town of Johnston, RI: Mr. McCue was sworn in as an expert in Wetland Delineation and Aerial Photograph Interpretation. The case involved the installation of two thirty inch pipes by the Town of Johnston on property adjacent to the client (plaintiff). These pipes discharged high volumes of stormwater runoff onto the plaintiff’s property. Mr. McCue determined through aerial photograph interpretation of historical aerial photographs and current wetland delineation that the Town effectively created over one acre of wetland on the Plaintiff’s property. The Judge ruled in favor of the Plaintiff.