

Dean E. Gustafson

Professional Soil Scientist
Senior Wetland Scientist

General Background

Mr. Gustafson is a Professional Soil Scientist with twenty years of experience in the environmental field. As the leader of VHB's Middletown, Conn., office's Environmental Group, he manages environmental permitting, NEPA/CEPA documentation, wetlands (delineation, evaluation, mitigation design, monitoring, stream restoration, and local, state and federal permitting), water-quality investigations, coastal-zone-management studies, natural-resource and ecological evaluations and vernal pool monitoring and assessment. Mr. Gustafson has particular expertise in wetland identification, soil mapping, soil classification, vegetative and hydrology surveys, wetland impact assessment, wetland mitigation design and oversight. In addition, he has extensive experience in local, state, and federal wetland permitting. Furthermore, he is highly qualified in delineating wetlands according to the Federal Interagency Method's three-parameter approach and has extensive wetland mapping experience in Connecticut, Massachusetts, New York and New Jersey. Mr. Gustafson has been responsible for the mapping of all wetlands during several town-wide wetland identification and evaluation projects. In addition, he has experience in wetland quality assessments using various evaluation models including the federal Descriptive Approach, Connecticut Wetland Evaluation Method (Bulletin No. 9), and the Golet Wetland Wildlife Evaluation Method. Mr. Gustafson also has experience applying the Massachusetts Wildlife Habitat Protection Guidance for Inland Wetlands (March 2006). Mr. Gustafson has been involved in over 1,000 wetland projects in more than 170 towns throughout New England and the Northeast.

Key Wetland Projects

Telecommunications Carrier Wetland Program

Project Manager for major telecommunications carrier's wetland program. Responsible for wetland delineation, assessment, mitigation and alternatives analysis, habitat evaluations, vernal pool identification and assessment, design review for permit feasibility, and successful permitting of over 50 wireless telecommunications facilities with local wetland/conservation commissions in the Connecticut, Massachusetts, and Rhode Island market areas.

Certificate for Environmental Compatibility and Public Need, Utility Client, Connecticut

Task Manager in support of Application to the Connecticut Siting Council (CSC) for the permitting of a new 345/115 kV substation in eastern Connecticut. This project required extensive coordination of numerous team members, including client's in-house discipline managers and engineers, consultants, legal counsel, VHB staff, and subcontractors. Responsible for natural resources inventories of existing flora and fauna, habitat evaluations, wetland delineations and local wetland permit application.

On Call Environmental Services, Northeast Utilities Transmission Group

Task Manager in support of various Connecticut projects, including assessment and permitting of bulk power substations, transmission lines/structures, underground utility installations, and environmental investigations of existing facilities. Services include pre-acquisition due diligence activities, conducting site development feasibility assessments, natural resources inventories of existing flora and fauna, vernal pool studies and assessment, habitat evaluations, wetland delineations, site layout and design evaluations, preparation of technical documents, coordination with State and local agencies, and permitting support.

Mr. Gustafson is a Professional Soil Scientist and Senior Wetland Scientist with Vanasse Hangen Brustlin (VHB), and has 20 years of experience with a wide variety of wetland environmental issues. His areas of expertise include wetland delineation and evaluation, permit preparation, local, state and federal regulatory coordination, and wetland mitigation.

National Retailer, Rocky Hill

Responsible for wetland permitting of a multi-tenant retail development resulting in significant wetland impacts resulting in the creation of a wetland mitigation area exceeding 1 acre in size. Wetland permits were secured from the Rocky Hill Wetland Agency, CTDEP and U.S. Army Corps of Engineers for wetland impacts and wetland mitigation area.

Connecticut DOT West Haven/Orange Railroad Station, Environmental Assessment

Task manager for assessing natural resources, including wetlands, floodplain, aquatic habitats, and wildlife, associated with a proposed railroad station at one of two possible sites.

Luxury Residential Development

Project manager for an award-winning luxury residential community developer. Provided project management and technical direction for wetland compliance of projects undertaken in Connecticut including wetland determination, evaluation, mitigation design and local, state and Army Corps of Engineers permitting.

Retail Wetland Program

Project manager for the Connecticut office for large retail Client Fee-for-Service and Turnkey Developer Programs. Provide project management and technical direction for wetland compliance of projects undertaken in Connecticut including wetland determination, evaluation, mitigation design and local, state and Army Corps of Engineers permitting.

Luxury Automobile Dealership, Hartford, CT

Provided critical wetland support services in the successful approval of a new luxury automobile dealership. Services included both CT and federal wetland delineation, wetland evaluation and alternatives assessment for wetland impacts, City of Hartford and Army Corps of Engineers wetland permit preparation, and coordination with City planning staff.

Wetlands Survey and Permitting, ConnDOT Maintenance Facility.

Performed both a state and federal wetland survey and delineation in conjunction with the submission and successful obtainment of a CTDEP Inland Wetlands and Watercourses permit and 401 Water Quality Certifications to conduct remedial activities within and adjacent to existing floodplain wetlands.

Wetland Survey, U.S. Naval Subbase, Groton, CT

Task Manager. Delineation of both state and federally regulated wetlands in conjunction with a remedial investigation at this Superfund site. Also assisted in developing specifications and plans for both in-kind and out-of-kind wetland mitigation for areas impacted with the proposed corrective-action activities.

Town of Cromwell, Wetland Mapping and Inventory Project, Cromwell, CT

Task Manager. Town wide study included the field mapping and classification/ evaluation of all the wetlands within the municipality according to the State of Connecticut Inland Wetlands and Watercourses regulations and Federal criteria (Army Corps of Engineers).

Wetland Mapping, Correctional Institution, Somers/Enfield, CT

Assistant Project Manager. Responsibilities included mapping wetlands according to the standards set forth by the State of Connecticut for the 1,700+ acre facility and the production of a high-intensity soil survey and wetland map of the property.

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Education	B.S. University of Massachusetts, Plant and Soil Sciences, 1988 Graduate coursework, University of New Hampshire
Affiliations	Member, Lebanon Inland Wetlands and Watercourses Commission, since 1995.
Registration	Professional Soil Scientist, Society of Soil Scientists of Southern New England, since 1988. Connecticut Association of Wetland Scientists. Association of Massachusetts Wetland Scientists.
Certifications	OSHA Hazardous Water Operations and Emergency Response (HAZWOPER) Training (29 CFR 1910.120)