

STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

IN RE:
SBA TOWERS III/NEW CINGULAR
WIRELESS PCS, LLC APPLICATION FOR A
CERTIFICATE OF ENVIRONMENTAL
COMPATIBILITY AND PUBLIC NEED
FOR A TELECOMMUNICATIONS FACILITY
IN NORTH STONINGTON, CONNECTICUT

DOCKET NO. 420

September 15, 2011

HEARING INFORMATION

SBA TOWERS III (“SBA”) and New Cingular Wireless PCS, LLC (“AT&T”) submit the following hearing information to the State of Connecticut Siting Council in the captioned proceeding:

A. Counsel for the Applicants: Daniel M. Laub, Esq.

B. List of Witnesses (resumes attached)

1. David Vivian, SAI
2. Daniel Goulet, C Squared
3. Carlo Centore, Centek
4. Michael Libertine, VHB
5. Dean Gustafson, VHB

C. Documents to be Administratively Noticed

1. None at this time

D. Pre-Filed Testimony

1. None at this time. Exhibits to be adopted as testimony at the hearing set forth below.

E. Exhibits to be offered

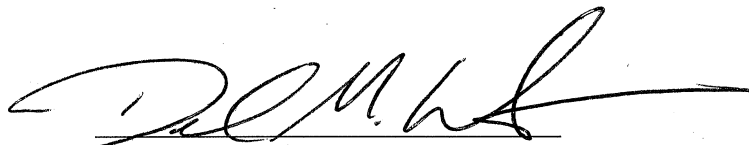
1. Application for a Certificate of Environmental Compatibility and Public Need for a Telecommunications Facility in North Stonington, Connecticut.
2. Bulk Filing including the Town of North Stonington’s Plan of Conservation and Development, Zoning Regulations, Zoning Map, Inland Wetlands and Watercourse Regulations, and Technical Report.
3. Responses to Pre-Hearing Interrogatories, Set One, dated September 15, 2011.

The Applicants reserve the right to offer additional exhibits, testimony, witnesses and administratively noticed materials as may be necessary during the hearing process.

CERTIFICATE OF SERVICE

I hereby certify that on this day, an original and fifteen copies of the foregoing were sent to the Connecticut Siting Council by overnight mail and electronically.

Dated: September 15, 2011



Daniel M. Laub

David Vivian

500 Enterprise Drive, Suite 3A Rocky Hill, CT 06067

Phone: 413-218-5042 (cell) ~ 860-513-7190 (fax)

Email: david.vivian@sai-comm.com

QUALIFICATIONS

Seasoned telecommunications professional. Over 14 years telecommunications siting and permitting experience in the challenging New England environment. Adept at balancing radio frequency requirements with local zoning requirements and preferences, resulting in a high success ratio and timely implementation.

Experienced manager. Strong team-builder that provides direction and scope and empowers employees and subcontractors to utilize innovative solutions to accomplish goals quickly and efficiently.

Strong financial background. As a former real estate lender and manager, always attentive to cost-benefit analysis of policies and procedures while attending to project objectives.

PROFESSIONAL EXPERIENCE

Site Acquisition Specialist, Site Acquisitions, Inc. (September 2009 – Present)

Responsible for the identification, leasing, zoning and permitting of sites for New Cingular Wireless, PCS (AT&T) primarily in the Connecticut and Western Massachusetts markets. Coordinates subcontractor due diligence and preparation for Connecticut Siting Council (“CSC”) filings and hearing proceedings. Provides testimony at CSC proceedings.

Independent Site Development Contractor (September 2006 – August 2009)

Provided telecommunications site acquisition consultation services to various wireless carriers and site acquisition firms; including Metro PCS, Mariner Tower, Optasite, Inc., and Transcend Wireless (representing Sprint PCS).

Site Development Manager, National Grid Wireless (January 2001 – August 2006)

Responsible for the development and/or acquisition of over 45 new tower facilities throughout the New England region for both Tower Ventures and National Grid. Identified new areas of opportunity and coordinated the leasing, zoning and construction of tower facilities in the central and western Massachusetts and eastern Connecticut area.

Project Manager, American Tower Corporation (May 1999 – January 2001)

Assumed the overall management and implementation of a new tower development program throughout New England. With only limited resources, managed the successful permitting and construction of over 40 new telecommunications towers in the first full year of operation.

Zoning Manager, Wireless Facilities, Inc. (March 1998 – May 1999)

Managed a team of Zoning Specialists responsible for the zoning and permitting of a 160-site wireless telecommunications design in southern New Hampshire, Worcester County and Cape Cod, Massachusetts. Careful analysis and a high approval ratio in this challenging zoning environment were instrumental in the successful commercial launch within a one-year timeframe.

Property Specialist, Sprint PCS (June 1996 – March 1998)

Managed a site acquisition team in the identification, leasing and zoning of wireless telecommunications facilities throughout greater Boston and Cape Cod. Close coordination between engineering activities, including radio frequency analysis, architectural and engineering services and environmental testing resulted in the successful completion of nearly 100 facilities during Sprint’s initial commercial launch.

Commercial Real Estate Appraiser and Manager (August 1993 – June 1996)

Managed the commercial and residential real estate appraisal operation for New England Valuation Advisors, including bidding, appraisals, data base management and marketing. As a commercial real estate appraiser for Crowley & Associates, completed real estate appraisals on a fee basis, including all types of income producing properties. Specialized in industrial, retail, office and apartment complexes.

Mortgage Loan Officer, Society for Savings & Country Bank for Savings (January 1987 – August 1993)

Managed real estate portfolios ranging from \$45 million to \$150 million, including offices, apartment complexes, retail centers and hotels. Routinely achieved the lowest delinquency rate on commercial portfolios in the department.

EDUCATION

OSHA Safety Training (2005)

University of Massachusetts at Amherst (1994), M.B.A. with emphasis in finance

Naval Post-Graduate School, Newport, R.I. (1981), Legal Officer Certification

Naval Flight Officer, United States Navy (1979 – 1998), Commander (Retired)

Colby College, Waterville, ME (1979), A.B. in Administrative Science & Math

References available upon request



Resume of: Daniel L. Goulet 65 Dartmouth Drive, Auburn, NH 03032

SUMMARY: Over twenty-five years of working experience in the wireless telecommunications industry, with practical knowledge in the RF design and system performance of 850, 1900, and 2130 MHz digital cellular and PCS. Prior experience includes six years in microwave radio and two years in 150 and 450MHz IMTS (Improved Mobile Telephone System).

EXPERIENCE: **Director RF Services C Squared Systems, LLC** **2002 – Present**

Director of RF Services

- Provide RF Management support functions and consulting to meet the needs of the customer base in providing complete wireless system design, zoning, deployment, optimization, maintenance, and other related turnkey services.
- Manage the RF Design of a digital 2170 MHz (AWS) network consisting of over 366 sites
- Managed the benchmarking drive and analysis of two NH exchanges and provided testimony to the New Hampshire PUC in support of rate restructuring for the wireline carrier.
- Provide ongoing zoning support and testimony for multiple licensed wireless carriers as part of their network build-out
- Provide RF Emissions surveys and MPE (Maximum Permissible Exposure) studies for wireless carriers and associated testimony where required
- Provide intermod analyses for collocating carriers, site management companies, and Public Safety
- Provide propagation analysis and optimization of propagation models for use in analysis of potential sites.

Atlantic Western Consulting, Inc., Woburn, Massachusetts

12/2000 - 11/2002

RF Manager

Responsible for managing the RF Technical Services team to meet the needs of the customer base in providing complete wireless system design, deployment, optimization, maintenance, and other related turnkey services.

Telecorp, PCS, Nashua, NH

04/1998 - 11/2000

RF Manager

Responsible for the RF design, integration, optimization, and ongoing system performance of the TDMA-based PCS network for the New England area.

- Achieved all objectives relevant to the build-out of 158 sites in 27 months.
- Exceeded performance objectives of 1.9% Lost Calls and 96% Established Calls.
- Established and implemented policies to facilitate the trending of system performance.
- Achieved significant cost savings by bringing outside contract functions in-house.

Sprint PCS, Wakefield, MA

10/1995 - 03/1998

RF Manager

- Successfully managed the RF design, integration, and optimization of 160 sites for the CDMA-based PCS network launched in the Boston MTA, (Massachusetts and Rhode Island), expanding the build-out to 258 sites by EOY97.

Nynex Mobile Communications Company, Woburn, MA

1986 – 1996

RF Manager System Performance

1993 - 1996

- Managed a staff of eight RF engineers responsible for the overall optimization of the Boston and Upstate NY networks to meet specific performance objectives.
- Managed technological improvements, including testing and integrating new technologies into the network.
- Established and chaired a weekly Service Committee, (an interdepartmental group), focused on resolving problems reported to Customer Service and Sales teams.

Radio Frequency Manager

1989 -1993

- Managed the RF Design and successful integration of all new sites into the network. This effort included: the issuance of initial search areas, zoning support, FCC and FAA filings, frequency coordination, and the provisioning of all technical cell parameters.
- Managed the successful design, development, and implementation of the first Tunnel RADIAX System in Boston, providing ubiquitous cellular coverage throughout the Callahan and Sumner Tunnels, major connectors to Logan International Airport.
- Managed the implementation of the first microwave/microcell in the Callahan Tunnel in Boston.
- Managed the optimization and ongoing system performance of the New England and Upstate New York Markets, exceeding performance objectives in both regions.

Radio Frequency Engineer

1986 -1989

- Implemented and integrated all new cell sites into the network by: coordinating pretest, assigning all cell technical parameters, and preparing and filing FCC and FAA applications.
- Established and implemented methods and procedures used to test the complex radio frequency characteristics of the RF link.
- Evaluated the various cellular engineering software tools available and making appropriate recommendations.

New England Telephone Company, Lawrence, MA

1972-1986

Radio Transmission Technician

- Responsible for the maintenance and restoration of analog and digital microwave radio in northeastern Massachusetts. Provided support for southern New Hampshire, southern Vermont, Maine and western Massachusetts.

EDUCATION: Northern Essex Community College, Haverhill, MA, Associate in Science - Business Management
George Washington University, Washington, DC, Receiver Design, Fiber Optics.

CERTIFICATES: RF Site Safety Awareness Seminar – RSI University Based Safety Services
RF Train the Trainer Seminar – RSI University Based Safety Services

PROFILE

Mr. Centore has over 30 years of experience in engineering and construction. He has been responsible for the planning, design, construction, and project management on a broad set of publicly and privately developed projects. He has gained considerable insight into the requirements of project planning, practical engineering solutions, and fast-track projects. Significant projects have included schools, public housing projects building restoration, high-rise construction and most recently the planning and design of over 3,000 wireless telecommunications facilities.

REPRESENTATIVE PROJECTS

Major Construction Projects; 100 Pearl Street, a 17-story office building and parking garage (\$6.0 million); and Goodwin Square, a 32-story office building, hotel and parking garage (\$10.5 million); both located in Hartford, CT.

Additional Construction Projects; Banks - \$1.5 million, Hospitals - \$1.0 million, Commercial Office Buildings - \$1.3 million and Misc. Projects - \$1.0 million.

Additional Engineering Projects; Projects included the design of public housing projects, commercial and institutional facilities, including parking structures, office buildings, nursing homes, and federal prison housing; prepared property evaluations including budget estimates for building owners and property managers; and the supervision of numerous mechanical and electrical renovation projects.

Verizon Wireless; wireless facility planning/design and engineering support services including: co-location projects, water tanks, chimneys, rooftop facilities, structural feasibility studies, tower analysis, survey support and easement resolution, siting council support and easement resolution, siting council support, and professional testimony.

Sprint PCS; wireless facility planning/design and engineering support services including: co-location projects, water tanks chimneys, rooftop facilities, structural feasibility studies, tower analysis, survey support and easement resolution, siting council and zoning support, geotechnical reports and professional testimony.

AT&T Wireless Services; wireless facility planning/design and engineering support services including : co-location projects, water tanks, chimneys, rooftops, structural feasibility studies, tower analysis, survey support and easement resolution, siting council support, environmental studies, geotechnical reports, and professional testimony.

Cingular; wireless facility design and engineering support services including rooftop facilities, co-location projects and tower location surveys.

EDUCATION

B.S., Civil Engineering, University of New Haven, West Haven, Connecticut

REGISTRATIONS AND MEMBERSHIPS

- Professional Engineer; Connecticut, New York, Massachusetts Rhode Island, and Vermont, Pennsylvania, Virginia.
- National Council of Examiners for Engineering & Surveying (NCEES)
- National Society of Professional Engineers (NSPE)
- American Institute of Steel Construction (AISC)
- American Concrete Institute (ACI)

WORK EXPERIENCE

Centek Engineering, Inc. – Senior Project Manager, Structural (Since 1997); Structural Engineer/Project Manager providing consulting services for public housing projects; commercial, manufacturing and institutional facilities; and the design of wireless telecommunications facilities. Responsible for the solution of engineering problems. Determining of program objectives and requirements, organizing programs and projects, and developing standards and guides, team building, quality assurance and control for diverse engineering activities. Guidance is provided to the staff as related to overall objectives, critical issues, design concepts and policy matters.

The Deluca Construction Company; Project Manager (3 years)

Fisher & Salamone, P.C.; Structural Engineer/Project Manager (3 years)

Girard & Company Engineers; Structural Engineer (4 years)

The Fusco Corporation; Project Manager (3 years)

**Michael Libertine,
LEP**

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Director, Environmental
Services

**Mr. Libertine is Director
of Environmental
Services for VHB's
Middletown, CT office.
A Licensed
Environmental
Professional, Mike has
over 25 years of
professional
experience, including
nineteen years of
consulting in the
environmental field. His
primary responsibilities
involve coordination
and oversight of
environmental science
and engineering
projects in the
company's Connecticut
office, including
environmental
regulatory permitting,
environmental site
assessments for
property transfers, and
due diligence and
permitting in support of
development projects.**

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Mr. Libertine is a Licensed Environmental Professional in Connecticut. His primary responsibilities at VHB are managing and overseeing the environmental science and engineering practice in our Middletown, Connecticut office. His experience includes regulatory compliance and permitting, site assessments and field investigations for property transfers, remedial strategy development, environmental due diligence, environmental assessments for NEPA compliance, RI/FS investigations, Brownfields redevelopment projects, and remedial investigations at RCRA facilities, state and federally recognized hazardous waste sites, and Manufactured Gas Plant (MGP) sites. Mike has been Project Manager on over 1600 environmental site assessments (ESAs) and field investigations for property transfers in Connecticut, Rhode Island, New Hampshire, Massachusetts, Vermont, New Jersey, New York, Washington, D.C., Florida, Kansas, and Canada. Representative projects are summarized below.

On-Call Services, Northeast Utilities

Program Manager in support of various Connecticut projects, including assessment and permitting of bulk power substations, transmission lines/structures, transition stations, warehouse facilities, peak generation plants, and underground utility installations. Services include conducting land acquisition searches, civil engineering feasibility studies, pre-acquisition environmental due diligence evaluations, natural resources inventories of existing flora and fauna, habitat evaluations, wetland delineations, noise analysis, visual analyses, hazardous waste investigations, remedial strategy planning and implementation, site survey, layout and design drawings, landscape architecture, preparation of technical documents, coordination with State and local agencies, regulatory permitting, public outreach, and expert witness testimony. Projects have included securing Certificates of Environmental Compatibility and Public Need through the Connecticut Siting Council (CSC) on numerous bulk power substations in the Towns of Killingly, Windsor, South Windsor, Guilford, Waterford and Westport. These projects required extensive coordination of numerous team members, including client's in-house discipline managers and engineers, outside consultants, legal counsel, VHB staff, and subcontractors. Mike was responsible for overseeing Site data collection and analysis, site/civil layout, and drafting of municipal documents and the Applications to the CSC.. His team has also provided environmental monitoring for adherence to the CTDEP's General Permit for Construction Activities and environmental requirements set forth in the Client's contract documents and specifications.

Various Services, New England East West Solution (NEEWS) Projects, Connecticut

Project Manager in support of environmental permitting services for the New England East West Solution (NEEWS) Projects, including Greater Springfield Reliability Project, Interstate Reliability Project, and Central Connecticut Reliability Project. Services included securing Location Review approvals for the expansions of several existing substations and environmental and constructability evaluations of a proposed 35+ mile long transmission corridor associated with the Central Connecticut Reliability Project. VHB was responsible for developing Location Review documents for submission to the local wetlands/conservation and planning commissions. Services included public outreach, coordination with municipal staff, and representation at hearings. VHB also inventoried existing environmental conditions along the 35+ mile primary route and multiple alternative routes, delineating and mapping wetland resources, wildlife habitat, and other resources proximate to proposed construction areas.

Regulatory Permitting, Barbour Hill Substation Modifications, South Windsor, Connecticut

Project Manager responsible for the preparation of a Petition to the Connecticut Siting Council for a determination that no Certificate of Environmental Compatibility and Public Need was required for the proposed modifications to the Barbour Hill Substation in South Windsor,

Connecticut. The project included the replacement and expansion of an existing facility and the modification of line interconnections. Responsibilities included conducting natural resource inventories, wetland delineation, noise study, soil and groundwater sampling, property survey, preparation of site/civil design drawings, supporting graphics, photo-simulations, and local and state permit documents and representation. Under Mr. Libertine's supervision, VHB also supported CL&P during its contractor selection process and developed a site-wide soil and water management plan for implementation during construction activities.

Environmental Services for Wireless Telecommunications Clients, New England

Program Manager for environmental due diligence and permitting services in support of various telecommunications clients throughout New England and New York. Mr. Libertine has worked directly with the major licensed PCS carriers and tower builders since 1997. Project management includes coordination and oversight of preliminary site screenings, compliance documentation and environmental assessments to fulfill NEPA requirements, land use evaluations, Phase I ESAs, Phase II field investigations, remedial planning and oversight, wetland assessments, vegetative/biological surveys, noise analyses, visual resource analyses, graphic support, preparation of regulatory applications and permitting support. Mr. Libertine has represented his Clients on over 500 telecommunications projects (including providing expert witness testimony at municipalities and Connecticut Siting Council hearings).

Environmental Impact Evaluation for Great Path Academy , Manchester, CT

Project Manager of an Environmental Impact Evaluation (EIE) for expansion of a middle-college magnet high school serving eight member communities and operating within existing infrastructure at Manchester Community College (MCC). The proposed action included a new free-standing facility on the campus to house the school and expand parking to accommodate 500 additional vehicles to enable enrollment to increase from 75 to 300 students. Services included the preparation of the EIE in accordance with the Connecticut Environmental Policy Act to evaluate the project's associated potential environmental, social and economic impacts. Mike and his staff produced a comprehensive document, distributed for public review and comment, that assessed multiple potential sites for parking and building facilities within the MCC campus, as well as "no action" alternatives for parameters including: hydrology, traffic, visual impact on the surrounding community, energy consumption, and impacts to wildlife and habitat, potential historic and archaeological resources, forested areas, and a State-designated Greenway bike path. The result of the process was securing a Finding of No Significant Impact. The project required extensive coordination with the CTDPW, Board of Technical-Community Colleges, and MCC representatives.

EA/FONSI for State Routes 7 & 15 in Norwalk and Wilton, CT

Project Manager of Final Environmental Assessment/Section 4(f) Evaluation (EA) for Finding of No Significant Impact (FONSI) on two state projects along Routes 7 and 15 in Norwalk and Wilton, Connecticut (1998-1999). These projects, completed for ConnDOT, involved the evaluation of seven different build/no build alternatives involving two interchanges and a proposed freeway extension. The evaluation included assessments of current conditions, potential impacts of alternatives, analysis of impacts associated with proposed actions, and development of mitigation techniques to be employed during design and construction. The Final EA document was submitted to the Federal Highway Administration, which provided a determination of FONSI in March 2000.

On-Call Services for Connecticut Department of Transportation

Task Manager for ConnDOT On-Call Environmental Services contract (1993-1997). Project task management included coordination and oversight of corridor land use evaluations, preliminary site evaluations, surficial and exploratory site investigations, and emergency response procedures. Representative projects included identification and characterization of hazardous materials, chemicals, and oils within ConnDOT highway project areas.

Environmental Review and Redevelopment Planning, Stratford, CT

Project Manager supporting the Town of Stratford in assessing the feasibility of redeveloping the Stratford Army Engine Plant, which was closed under the Military Base Closure Act of 1997. The facility included over 2 million sq. ft. of space in approximately 40 buildings on a 50-acre site along the Housatonic River waterfront. This project required close coordination with the Client, VHB Planners and a socioeconomic sub-consultant to assist the town with the required steps to redevelop this industrial/military site. The planning process included the assessment of existing buildings, environmental and regulatory constraints associated with industrial site redevelopment, and an analysis of alternative reuse options for community benefits and impacts. A preferred redevelopment approach was created which included significant building demolition, site cleanup, and infrastructure upgrades. VHB completed preliminary plans and remediation cost scenarios for the decontamination/demolition of site structures, schematic waterfront park layout in consideration of environmental compliance issues, roadway and drainage design, and utility modification. A green space and waterfront park, providing recreational opportunities and access to Long Island Sound for town residents, was completed in 2001.

RCRA facility investigation, Kansas

Field Team Leader for a RCRA facility investigation at a cement factory in Kansas that burns hazardous waste-derived fuels. This project includes investigation on the extent and degree of contamination due to releases of hazardous constituents at eight solid waste management units. These include three landfills, waste treatment ponds, fuel storage areas, and miscellaneous waster transfer systems. Responsibilities also include the preparation of the Phase I Field Investigation technical report, the Phase II Work Plan for EPA review, and the Phase II Field Investigation technical report.

MGP Sites, New York

Performed groundwater, surface and subsurface soils sampling activities for Remedial Investigation/Feasibility Studies (RI/FS) at over 10 MGP sites in New York State, Pennsylvania, and Vermont. The majority of these programs were conducted under State regulatory overview while another was conducted under EPA Region II overview.

Installation/Restoration Study, Naval Submarine Base, Groton, CT

Field investigator for an Installation/Restoration Study at the Naval Submarine Base in Groton, Connecticut for the U.S. Navy. Work on this Superfund site included RI/FS investigations at former waste disposal/release sites.

Publications

The Newly Adopted Connecticut Remediation Standard Regulations Coincide with Brownfields Legislation, February 1996, Brogite, Martin and Libertine, Michael.

Education

University of Connecticut, B.S. Natural Resources Management,
December 1990
Stonehill College, B.A. Marketing, May 1981

**Certifications/
Licenses**

Licensed Environmental Professional, State of Connecticut,
LEP No. 345
OSHA Hazardous Waste Operations and Emergency Response
(HAZWOPER) Training (29 CFR 1910.120)

Dean E. Gustafson

Senior Wetland Scientist
Professional Soil Scientist

General Background

Mr. Gustafson is a Professional Soil Scientist and Senior Wetland Scientist with over twenty-two years of experience in the environmental field. As the leader of VHB's Middletown, Connecticut, 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, rare species investigations, and natural-resource and ecological evaluations. 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 Projects

Telecommunications Carrier Wetland Compliance Program

Project Manager for major telecommunications carrier's wetland compliance 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. Responsible for erosion and sediment control planning and construction monitoring for projects in Connecticut and Massachusetts that represent a potential to impact sensitive wetland resources during construction.

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. Responsible for natural resources inventories of existing flora and fauna, habitat evaluations, wetland delineations and local wetland permit application. Provided erosion and sediment control monitoring during construction in accordance with condition of approval from the Connecticut Siting Council. Project also required employing soil stabilization techniques for erodible steep sandy slopes.

National Retailer, Rocky Hill, CT

Responsible for wetland permitting of a multi-tenant retail development resulting in significant unavoidable wetland impacts and 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.

Mr. Gustafson is a Professional Soil Scientist and Senior Wetland Scientist with Vanasse Hangen Brustlin, Inc. (VHB), and has over 22 years of experience with a wide variety of wetland environmental issues. His areas of expertise include wetland delineation and evaluation, soil erosion and sediment control, storm water BMP selection, permit preparation, local, state and federal regulatory coordination, and wetland mitigation..



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, erosion and sediment control planning, vegetative soil stabilization and storm water management BMP evaluation and selection, preparation of technical documents, coordination with State and local agencies, and permitting support.

Luxury Residential Development, Hartford, CT

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. Assisted with planning restoration of a failed slope that occurred during construction, secured approval from the local wetland commission and monitored erosion and sediment controls to ensure that nearby wetlands and perennial stream were not adversely impacted.

Retail Wetland Program, Various Projects, CT

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.

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. Prepared technical documents in support of Draft Federal Environmental Assessment/Draft State Environmental Impact Evaluation.

Certificates of Environmental Compatibility and Public Need, Various Sites, Connecticut

Mr. Gustafson has served as Task Manager in support of numerous Applications to the Connecticut Siting Council (CSC) for the permitting of new electrical substations throughout Connecticut. These projects require extensive site data collection and analysis including natural resources inventories of existing flora and fauna, habitat evaluations, wetland delineation and function/value analysis, site layout analysis and wetland impact evaluation, wetland mitigation, preparation of technical documents, coordination with State and local agencies, and permitting. Environmental monitoring services for adherence to the CTDEP's General Permit for Construction Activities were also provided.

Regulatory Permitting, Barbour Hill Substation Modifications, South Windsor, Connecticut

Task Manager responsible for the preparation of a Petition to the Connecticut Siting Council for a determination that no Certificate of Environmental Compatibility and Public Need was required for the proposed modifications to the Barbour Hill Substation in South Windsor,

Connecticut. The project included the replacement and expansion of an existing facility and the modification of line interconnections. Responsibilities included conducting natural resource inventories, wetland delineation, and local and state permit documents.

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.

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.

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)