

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
LOCATED AT WEWAKA BROOK ROAD
BRIDGEWATER, CONNECTICUT

DOCKET NO. 412

March 30, 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: Christopher B. Fisher, Esq. and Daniel M. Laub, Esq.
- B. List of Witnesses (resumes attached)
 - 1. Ernest Lacasse, SBA
 - 2. Peter Perkins, P.E., CHA
 - 3. Michael Libertine, VHB
 - 4. Dean Gustafson, VHB
 - 5. Kevin Dey, formerly of SAI, (Mr. Dey is retained by SBA to provide testimony regarding the AT&T site search history)
 - 6. Anthony Wells, C Squared Systems, LLCs
- 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 to be located Wewaka Brook Road in the Town of Bridgewater, Connecticut.

2. Bulk Filing including the Town of Bridgewater's Plan of Conservation and Development, Zoning Regulations, Zoning Map, Inland Wetlands and Watercourses Regulations.
3. Responses to Pre-Hearing Interrogatories, Set One, dated January 11, 2011.
4. Responses to Town of Bridgewater Interrogatories dated March 30, 2011
5. Technical Report for proposed AT&T Facility at 111 Second Hill Road, Bridgewater, Connecticut.

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

Ernest A. Lacasse

75 Johnson Street – Newington, CT 06111 860.666.1793

elacasse2@aol.com

SUMMARY OF QUALIFICATIONS

Highly skilled and motivated finance & real estate professional with a long-term record of success. A team leader with the ability to improve growth, manage and motivate others and consistently increase business by developing relationships.

EXPERIENCE

Project Director – SBA Network Services, Inc., July 2009 to present

- Point person for all aspects of site research and acquisition, leasing, permitting and construction of cell tower projects.
- Provide management direction, supervision and leadership to the project team to ensure workflow is achieved and milestones are being reached in a timely fashion
- Establish, manage and control the budget for each individual project
- Increased overall success rate of contract negotiations and overall site locations in CT
- Successfully testify before the CT Siting Council representing SBA Network Services Inc.

Site Development Officer – Unison Site Management, January 2008 to September 2008

- Outside sales representative who has successfully purchased cell site lease income from existing cell site owners
- Developed and managed qualified leads from assigned territory through research of property records and other resources
- Consistently reached established monthly sales metrics

Area Sales Manager – Bank of America / Countrywide, May 2006 to December 2007

- Supervisor of all aspects of Connecticut branch processing center and sales team
- Responsible for overall branch P&L, sales growth, production service levels and client satisfaction rate
- Increased Connecticut branch production from \$38 million to \$85 million, funded monthly
- Grew sales team from 4 account executives to a team of 15
- Doubled branch profit within first 6 months and increased funding client base by 70%

Vice-President/Assistant Divisional Manager – Aames Home Loan, February 1996 to May 2006

- Led sales team and operations staff while surpassing company production objectives for the entire Northeast Region
- Recruited, hired, trained, motivated and managed regional sales staff
- Led production center operations staff and management team to ensure service level quotas are maintained
- Guided sales team to achieve all volume and profit goals on a monthly basis
- Grew monthly production volume from 8 million to 75 million dollars and was the recipient of numerous company sales awards

EDUCATION

- Bachelor's Degree in Finance – Central Connecticut State University, New Britain, CT
- Connecticut Licensed Real Estate Agent
- Connecticut Licensed Real Estate Mortgage Originator

COMPUTER PROFICIENCY

- Microsoft Word, Excel and Office

Education

University of Connecticut, CT/B.S. Civil Engineering/1986

Professional

Registration and Activities

P.E.-CT, MA, ME, NH

Notary Public-CT

National Society of Professional Engineers

American Railway Engineering & Maintenance-of-Way Assoc.

Precast/Prestressed Concrete Institute

Peter M. Perkins, P.E.

Project Manager

Mr. Perkins has over 23 years of project management and structural engineering experience over a wide array of structural systems including buildings, sign supports, antennae towers and bridges. His experience encompasses survey, inspection, design, plan preparation and construction conflict resolution. He is the Senior Structural Engineer overseeing all structural projects in the New England region. Representative project experience includes:

Wireless Structural Supervisor. Manager of all structural engineering for the installation and modification of towers, antennae, shelters, and equipment cabinets installed in buildings, and on grade slabs. Sample clients and projects include:

- VoiceStream-Over 200 raw land and building mounted sites across Connecticut and western NY
- Verizon Wireless-Engineering for over 300 sites across the east coast
- Nextel-Over 200 concealed roof to site in Florida and across the east coast
- Crown Castle- Over 300 cEll tower analysis country wide
- Velocitel-Over 50 sites through the Virginia and Maryland markets
- Southeast Towers-Engineering services for new telecommunications towers in Georgia market.
- Cellular One-Over 150 cell sites for the 2005 to 2006 network build out
- JNS Enterprises-19 cell tower analyses
- Sprint PCS- Structural design related to the development of over 220 new base stations throughout Northeast and Southeastern United States
- Cingular-UMTS Project Rhode Island
- nTelos-Analysis of 12 cell towers in Virginia
- Wild Blue-12 10-meter Satellite dish installations
- MCF Communications-Design and permitting of over 15 Connecticut sites
- National Grid-Transmission tower antennae mounts
- T-Mobile-Hundreds of roof top and tower analyses across New Hampshire, Long Island, Connecticut, and Virginia

NHDOT, Spaulding Turnpike. Manager of structural engineering for the design of eight new bridges, six bridge rehabilitations, and three retaining walls. Responsible for the development of alternative studies and construction costs analysis. Responsible for constructability reviews and the coordination of stage construction across eight construction contracts.

NHDOT, Nashua-Hudson Circumferential Highway, Nashua, NH. Engineer involved with all aspects of preliminary and final design of twenty steel plate girder bridges. Structures included a 247 FT curved girder bridge in an urban interchange with Route 3A, a 172 FT span on a 55 degree skew over Route 111, Two crossings of the Merrimack river, and several bridges over local roads. Worked with project manager on developing and implementing design procedures to be followed by structural engineers. Responsible for initiating and implementing a program for the development of bridge drawings on CAD.

NHDOT, BR137/116 Kingston Road over B&M Railroad. Senior Structural Engineer for the replacement of Kingston Road over B&M Railroad. Mr. Perkins was responsible for braced excavation design to maintain the track during construction, and overseeing the design of a 60 ft, low profile, steel beam and concrete deck bridge on cantilever abutment and wingwalls.

ConnDOT, On-Call Railroad Engineering and Construction Services. Project Manager for the three-year project involving condition inspection, structural design and construction inspection of on-system and off-system bridges. Assignments included

- Condition inspection of over 200 bridges per year
- Development and maintenance of a prioritized repair program
- Detailed structural analysis of complex truss and masonry arch structures

- Engineering feasibility studies for several bridges

Mr. Perkins managed the preparation of hydraulic studies, environmental permits, geophysical studies using seismic refraction to determine depth to bedrock and dispersive wave analysis to determine bottom of foot elevations. He also provided services to the Department for scour evaluation and emergency repair plans, and construction inspection.

CP Rail CAMA Bridge at MP97.76 over Charter Brook. Lead Design Engineer for this fast track project to replace a deficient single span bridge. He designed a precast box culvert to be placed between the abutments without removing the tracks from service, maximized the use of prefabricated components to reduce construction duration, and prepared contract drawings and bid package in less than one month. The design allowed the superstructure to be removed during a short term track outage and the existing substructure was buried in place.

RIDOT, Point Street Bridge. Project Engineer responsible for rehabilitation design and plan preparation for historic 282 ft swing span truss bridge and 140 ft of approach spans, over the Providence River. Tasks included inspection, rating, and presentation of replacement/rehabilitation alternatives including the feasibility of restoring moveable operations. Mr. Perkins prepared plans for rehabilitation that would not preclude restoring moveable operations and designed a light weight flexible deck, and architectural restoration of operator's house.

Town of Pomfret, Covell Road Bridge over Mashomoquet Brook. Project Manager for the Connecticut local bridge project using Federal funds for the replacement of this rural road. The existing bridge consisted of a steel beam superstructure on stone abutments. He provided the cost effective solution of a precast, three sided culvert to replace the existing bridge. The three sided structure allowed CHA to retain the natural bottom of brook to meet Connecticut Fisheries and DEP requirements while providing a low maintenance structure for the Town. The precast elements also allowed rapid construction, minimizing the duration of road closure.

Town of Fairfield, Merritt Street Bridge over Horse Tavern Brook. Project Manager for the Connecticut local bridge project using Federal funds for the replacement of this urban local road. The existing bridge consisted of a two span concrete slab superstructure on stone abutments. Mr. Perkins provided the cost effective solution of a single span precast, three sided culvert to replace the existing bridge. The three sided structure allowed CHA to increase the hydraulic opening and retain the natural bottom of brook to satisfy DEP flood management, and Connecticut Fisheries requirements while providing a low maintenance structure for the Town. The precast elements also allowed rapid construction, minimizing the duration of road closure. Form liners were used on the parapet walls to provide an aesthetically pleasing stone look to the bridge.

Massachusetts Highway Department, Route 141 over Chicopee River. Project Manager for this corridor widening and bridge replacement project. The project site is located in a densely developed, highly traveled section of Route 141 and includes reconstruction of 1000 ft of Route 141 between two intersections and replacement of the 382 ft, four span bridge. The road will consist of widening from four-10 ft lanes to five 12 ft lanes with 5 ft shoulders. Part of the project included obtaining public input from the many local businesses along the corridor and a public awareness campaign for bridge closure times.

Borough of Naugatuck, Rubber Avenue & Rubber Avenue Extension Bridges. Project Manager for the \$2 million superstructure replacement of the 40 ft Rubber Avenue Bridge and the complete off-line replacement of the 50 ft Rubber Avenue Extension Bridge. Both bridges were designed and constructed under the CT local bridge program using state funds. Mr. Perkins was responsible for the securing right-of-way, obtaining project buy-in from environmental agencies and building public support for expenditure of Town funds. He also solicited input from concerned parties, prepared display graphics, attended informational meetings, gave public presentations and responded to inquiries.

**Michael Libertine,
LEP**

Director, Environmental
Services

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,

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.

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, Brogie, 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)

Kevin D. Dey

P.O. Box 206 Lavallette, NJ 08735
E-mail: Mesquitetower@verizon.net

Home (732) 793-5380

Mobile (732) 267-3359

■ *Summary of Qualifications:*

Professional Summary:

Seasoned professional with strong management, real estate, construction, and telecommunications experience with a proven ability to manage multiple projects while meeting inflexible deadlines. Emphasis on initial site evaluation to insure all critical criteria has been evaluated, saving unnecessary lost time and capitol. Extensive experience in problem solving, contractor and customer relations.

Licenses & Qualifications:

NJ Licensed Realtor
NJ Registered Builder
ICS Building Inspector, Building Sub-Code Official
IBC Construction Official
FAA Licensed Pilot (Aircraft Owner)
Notary Public – New Jersey
Certified Municipal Mediator
TWIC- Transportation Security Credential (TSA)

■ *Professional Experience:*

2005 – 2/2011

SAI Communication – Site Acquisition & Construction Management with concentration on difficult and problem sites, working with clients, planning, zoning officials, permitting, contractors and landlords. Experience with (CSC) Connecticut Siting Council .

1975 - 2005

Gold Coast Developers Construction Management Corp. Owner/President – Created and managed a construction company that designed, constructed and managed the development of custom homes, condominiums, and commercial facilities. Since 1996 have worked exclusively in the management and development of wireless telecommunications sites under the name of Mesquite Tower Consultants LLC. Managed projects from inception to completion producing quality sites on time and within budget. This involved site evaluation and acquisition, coordinating with RF Engineers, review of ordinances, budgeting, attending meetings and construction of sites, while working closely with the client.

9/99 - 12/2001

UNIsite, Inc. - Tampa, FL
Site Development Manager - Worked nation wide on a contract basis, responsible for the overall management of communication tower sites from search ring to completion. Manage acquisition of new sites; insure zoning, utility, construction, RF, and other critical issues have been properly evaluated and addressed. Coordinate activities with construction managers, client, and contractors. Provide assistance and guidance to Project and Construction Managers; to insure the team develops quality, on time and within budget sites.

Kevin D. Dey

Resume

Page 2

10/97 - 7/98

PrimeCo Communications - Dallas, TX

Site Acquisition Specialist/Construction Manager - Worked in the Richmond, VA. market on a contract basis to supervise and develop new and existing tower sites. Worked closely with RF Engineers to evaluate design needs. Managed construction costs, planning and zoning issues. Responsible to insure fire, safety, and construction codes were complied with during the installation of equipment in buildings and rooftops.

1996 – 1997

Atlantic Tower Corporation - Sarasota, FL

Director of Construction - Coordinated construction schedules, estimating, ordering towers and supplies. Managed Site Coordinators, Construction Managers and tower crews. Assisted with community relations, site assessments, zoning issues, coordinated and implemented N.A.T.E. safety programs which resulted in reduced insurance costs.

■ **Education/Training**

2011 **RF Safety and Compliance** for the Tower Industry (NATE) Training
2009 **OSHA** – Occupational Safety and Health Training Course
2009 **Current CPR, First Aid, and AED**
2006 **FEMA Emergency Mgt. Institute**- National Incident Management Systems
2005 **Erico** – Electrical Connections - Certification in exothermic Cadweld processes and inspections
2003 **The Environmental Institute** – Phase 1 Environmental Site Assessments
2002 **Villanova** – Project Management Practices
2001 **EME Electric** – Training in Grounding Techniques for tower sites
1996 **Brookdale Community College** - West Lincroft, NJ
Licensed Construction Official Program
1995 **Rutgers The State University** - New Brunswick, NJ
Powers & Duties of Municipal Government
1994 **Ocean County College** - Toms River, NJ
HHS, RCS, ICS, Construction Code Official - Building Inspector Program
Associates Degree in Applied Science
1989 **Home Builder's Institute** - Washington, DC
Construction Contracts Law and Finance Banking

■ **Affiliations:**

- ▶ Ocean County Board of Realtors
- ▶ N.J. Builders Association
- ▶ Former Council President, Borough of Lavallette, NJ.
- ▶ Emergency Management CERT. Coordinator
- ▶ U.S. Air Force Auxiliary, Civil Air Patrol
- ▶ Deputy Emergency Mgt. Coordinator, Lavallette, NJ.



Resume of: Anthony Wells

EDUCATION: Northeastern University
Master of Science in Electrical Engineering - Communications and Signal Processing
Concentration- June 1997
University of Massachusetts, Lowell
Bachelor of Science in Electrical Engineering - December 1989

EXPERIENCE:

Managing Partner C Squared Systems

8/00 - Present

- Provide RF and software design services to the wireless industry, including preparation of RF coverage analyses to determine radio frequency signal propagation parameters for siting wireless telecommunications facilities.
- Development of custom data collection and propagation software for in-building and macro networks,
- Manage design of a digital 1900 MHz (PCS) network consisting of over 130 cell site locations in New Hampshire and Maine.
- Design and Implementation of in-building repeater systems for multiple carriers.
- Prepare documentation for and testify before Connecticut Siting Council in support of the location of new wireless communications facilities.
- Provide measurement and calculation reports to comply with conditions of approval for municipalities in Connecticut, relating to Federal Communications Commission guidelines for electromagnetic field exposure.
- Develop radio and microwave frequency electromagnetic field calculation software for use in Federal Communications Commission compliance analysis.
- Design and implement custom software applications and database solutions with mapping capability for wireless providers.
- Provide propagation analysis and optimization of propagation models for use in analysis of propagation characteristics for low antenna heights.

Radars Systems Engineer**Raytheon - 3/98-8/00**

- Developed radar systems and simulation using software languages such as C++, Matlab and FORTRAN.
- Processed radar data for use in analysis of tracking algorithms. Implemented C++ wrapper for Matlab mex-files to reduce processing time by over 70%.
- Analyzed results of tracking algorithms. Evaluated statistical cost factors and analyzed radar resource loading in relation to statistical confidence levels for tracking algorithms.
- Calibrated and modified radar simulation software to accurately represent radar hardware performance.

Radio Frequency Manager**Sprint PCS - 10/95 - 3/98**

- Technical Manager responsible for implementation of code division multiple access technology for the New Hampshire and Maine systems.
- Designed and managed a digital 1900 MHz (PCS) network consisting of 70 cell site locations in New Hampshire and Maine.
- Oversaw testing and verification of the network to insure that propagation modeling was accurate and design performed as anticipated.
- Evaluated network performance for vendor compliance with contractual obligations.
- Insured compliance with Federal Communications Commission guidelines for electromagnetic field exposure for the digital network.
- Evaluated and tested accuracy of vendor propagation models and their applicability for use in system design.

Radio Frequency Manager**NYNEX Mobile/Verizon Wireless - 5/90 - 10/95**

- Responsible for the design and performance of an analog 800 MHz communication system consisting of over 200 cell sites in New England.
- Responsible for testing and verification of over 100 cell sites to insure accuracy of propagation models and cell site placement.
- Monitored and improved system performance for the Boston and Rhode Island systems using signal measurement equipment and propagation analysis.
- Evaluated and planned deployment of 800 MHz digital cellular system.
- Evaluated feasibility and integrated high and low power repeaters into the network where applicable.
- Designed microprocessor based automated remote call processing test equipment.
- Implemented repeaters as part of in-building network.
- Managed and optimized frequency plan as part of network optimization.