STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

IN RE:
APPLICATION OF NEW CINGULAR WIRELESS, LLC (AT&T) FOR A CERTIFICATE OF ENVIRONMENTAL COMPATIBILITY AND PUBLIC NEED FOR THE CONSTRUCTION, MAINTENANCE AND OPERATION OF A TELECOMMUNICATIONS TOWER FACILITY LOCATED IN WILLINGTON, CONNECTICUT

DOCKET NO. 429

October 4, 2012

NEW CINGULAR WIRELESS PCS, LLC ("AT&T")
HEARING INFORMATION

The Applicant, New Cingular Wireless PCS, LLC ("AT&T") submits the following hearing information to the State of Connecticut Siting Council in the captioned proceeding:

List of Witnesses

1. David Vivian, Site Acquisition Specialist, SAI Communications
2. Michael Libertine, LEP, Director of Siting and Permitting, All-Points Technology Corporation, P.C.
3. Dean E. Gustafson, Professional Soil Scientist, Senior Wetland Scientist, All-Points Technology Corporation, P.C.
4. Anthony Wells, Radio Frequency Engineer, Managing Partner, C^2 Systems
5. Paul Lusitani, P.E., Project Engineer, CHA

Resumes are attached.

Documents to be Administratively Noticed

None at this time.

Exhibits to be Offered

The Applicant will offer as exhibits the following:

1. Application of AT&T dated July 23, 2012
2. AT&T Bulk Filing dated July 23, 2012
3. AT&T's Responses to Siting Council Interrogatories Set I, dated September 4, 2012
4. AT&T's Responses to Siting Council Interrogatories, Set II, dated October 4, 2012

CERTIFICATE OF SERVICE

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

Dated: October 4, 2012

Lucia Chiocchio

cc: Michele Briggs, AT&T
David Vivian, SAI
Michael Libertine, APT
Dean Gustafson, APT
Anthony Wells, C Squared Systems
Paul Lusitani, CHA
Daniel M. Laub, Esq.
Christopher B. Fisher, Esq.

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

Michael Libertine, LEP
Director of Siting and Permitting
All-Points Technology Corporation, P.C.
3 Saddlebrook Drive, Killingworth, CT 06419
860-663-1697 860-983-5153

General Background

Mr. Libertine has over 21 years of professional experience in the environmental consulting field. His experience includes regulatory compliance and permitting involving extensive interactions with the local, state and federal agencies, including the Connecticut Department of Energy and Environmental Protection, Connecticut Department of Transportation, and the Connecticut Siting Council, as well as the U.S. EPA and Federal Highway Administration; environmental assessments/impact statements for NEPA compliance; site assessments and field investigations for property transfers; remedial strategy development; environmental due diligence; Brownfields redevelopment projects; and remedial investigations at RCRA facilities as well as state and federally recognized hazardous waste site. Mike is a Licensed Environmental Professional in Connecticut and has been Project Manager on over 1700 environmental site assessments and field investigations for property transfers.

Employment History

Vanasse Hangen Brustlin, Inc., 54 Tuttle Place, Middletown, Connecticut
- Director, Environmental Services 1997 to 2012

Atlantic Environmental Services,I nc,/GEI Consultants, Colchester, Connecticut
- Project Manager/Team Leader, 1991 to 1997

Key Projects

Environmental Permitting Services for Wireless Telecommunications Clients, New England & NY

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 since 1997. Projects include due diligence and land use evaluations; preliminary site screenings; preparation of compliance documentation, environmental assessments and Memorandums of Agreement to fulfill NEPA requirements; Phase I ESAs and Phase II field investigations; remedial planning and oversight; wetland assessments; vegetative/biological surveys; noise analyses; visibility analyses; graphic support; preparation of regulatory applications (including SEQRA submissions) and permitting support. Mr. Libertine has testified on behalf of telecommunications clients in front of local municipalities and the Connecticut Siting Council on over 250 applications and petitions.

On Call Environmental Services, Northeast Utilities Transmission Group

Program Manager in support of various Connecticut projects, including assessment and permitting of bulk power substations, transmission lines/structures, and underground utility installations. Services include conducting civil engineering feasibility studies, pre-acquisition due diligence evaluations, natural resources inventories of existing flora and fauna, habitat evaluations, wetland delineations, noise analysis, hazardous waste investigations, 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. Mike assisted this client in the siting, design and permitting of five substations, a transition station, and transmission line corridor studies since 2004, as well as numerous land surveys, land development feasibility studies, field investigations, and wetland studies.

Environmental Assessment and Constructability Review, Central Connecticut Reliability Project

Project Manager for natural resources inventory/assessment and construction evaluation along 35 miles of ROW corridor. Environmental tasks included Connecticut and federal wetland delineations, Army Corp of Engineers data plots, wetlands functions and values assessment, inventory of threatened and endangered species and critical habitats, biological surveys, and cover-type mapping. Once existing conditions were documented, a feasibility analysis was conducted to identify environmental and constructability conflicts associated with proposed new line installation and facility upgrades.

Environmental Site Assessments & Pilot Grant Closure, Middletown, CT
Project Manager for environmental site assessments associated with the City's Riverfront Revitalization Project utilizing the remaining funds from USEPA Brownfields Demonstration Pilot Grant #BP99103401. Completed Phase I ESAs for 101 properties and Phase II investigations for 14 properties under this grant, as well as preparing EPA-required Quality Assurance Protection Plans (QAPP). Completed EPA required grant closure documentation for all investigations conducted under this grant.

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. These projects, completed for ConnDOT, involved the evaluation of seven different build/no build alternatives involving two interchanges, historic bridges, 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 FONSI determination.

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, land planners and socioeconomic consultants 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. Preliminary plans and remediation cost scenarios were completed 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 public access to Long Island Sound, was completed in 2001.

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 Gustafson
Professional Soil Scientist
Senior Wetland Scientist
All-Points Technology Corporation, P.C.
3 Saddlebrook Drive, Killingworth, CT 06419
860-663-1697 860-836-6576

General Background

Mr. Gustafson has over 24 years of professional experience in the environmental consulting field. His experience includes 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. Mr. Gustafson is experienced in vernal pool monitoring and assessment, including identification of a wide variety of native amphibians and reptiles that utilize vernal pool habitats. Mr. Gustafson also has extensive experience with the Connecticut Department of Energy and Environmental Protection Natural Diversity Data Base and has resolved numerous potential rare species conflicts with proposed developments. 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 including having worked on over 100 Connecticut Siting Council dockets along with providing expert testimony at Council hearings. Mr. Gustafson has consulted on numerous projects which involve soils related issues such as erosion and sediment control planning, vegetative soil stabilization and storm water management BMP evaluation and selection. He has served as the Environmental Compliance Monitor on several Connecticut Siting Council approved projects. Mr. Gustafson's water quality experience includes stormwater studies for compliance with National Pollution Discharge Elimination System (NPDES), Section 401 Water Quality Certification, and the 2004 Connecticut DEP Stormwater Quality Manual.

Employment History

Vanasse Hangen Brustlin, Inc., 54 Tuttle Place, Middletown, Connecticut

- Natural Resource Group Leader 1997 to 2012

Atlantic Environmental Services, Inc./GEI Consultants, Colchester, Connecticut

- Senior Project Scientist 1992 to 1997

Soil Science & Environmental Services, Cheshire, Connecticut

- Professional Soil Scientist 1988 to 1992

Key Projects

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, wetland assessment, wetland mitigation design, wetland mitigation construction monitoring, permit compliance monitoring, site layout and design evaluations, erosion and sediment control planning and construction monitoring, vegetative soil stabilization and storm water management BMP evaluation and selection, preparation of technical documents, coordination with State and local agencies, and permitting support.

Environmental Compliance Monitor, Structure Replacement Project, Montague/Leverett, Massachusetts

Environmental Compliance Monitor in accordance with Massachusetts Department of Environmental Protection 401 Water Quality Certificate permit conditions for 345 kV structure replacement project. Monitoring included installation of wooden timber swamp mats across a 65-acre beaver impoundment for the removal of eight existing wooden structures and replacement with four steel structures. Environmentally sensitive compliance monitoring across this approximate 3,500 linear foot span included monitoring of drilling activities for deep caisson foundations within wetlands including in the middle of the beaver impoundment.

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. Mr. Libertine also supported CL&P during its contractor selection process and developed a site-wide soil and water management plan for implementation during construction activities.

Certificate of Environmental Compatibility and Public Need, Rood Avenue, Windsor, CT
Task Manager responsible for the preparation of environmental sections of a Certificate of Environmental Compatibility and Public Need to the Connecticut Siting Council for the construction of a new substation. The project included the construction of a substation in wooded uplands with direct wetland impacts. Responsibilities included conducting natural resource inventories, wetland delineation, and local and state permit documents and coordination with the U.S. Army Corps of Engineers New England Division. The project also included the successful transplanting of pink lady-slippers (*Cypripedium acaule*).

Regulatory Permitting, Barbour Hill Substation Modifications, South Windsor, CT
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. 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.

Environmental Assessment and Constructability Review, Central Connecticut Reliability Project
Project Scientist for natural resources inventory/assessment and construction evaluation along 35 miles of ROW corridor. Environmental tasks included Connecticut and federal wetland delineations, Army Corp of Engineers data plots, wetlands functions and values assessment, inventory of threatened and endangered species and critical habitats, biological surveys, and cover-type mapping. Once existing conditions were documented, a feasibility analysis was conducted to identify environmental and constructability conflicts associated with proposed new line installation and facility upgrades.

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

Environmental Permitting Services for Wireless Telecommunications Clients, New England & NY
Task Manager for environmental due diligence and permitting services in support of various telecommunications clients throughout New England and New York. Mr. Gustafson has worked directly with the major licensed PCS carriers since 1997. Projects include due diligence and land use evaluations; preliminary site screenings; preparation of compliance documentation, environmental assessments and Memorandums of Agreement to fulfill NEPA requirements; wetland delineation, assessments, and mitigation; local, state and federal wetland permitting; vegetative/biological surveys; rare species investigations; floodplain compliance; preparation of regulatory applications (including SEQRA submissions); permit compliance monitoring; and permitting support. Mr. Gustafson has testified on behalf of telecommunications clients in front of local municipalities and the Connecticut Siting Council on over 100 applications and petitions.

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.

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 is 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.

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.

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.

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.

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.
	Member, Connecticut Audubon Society
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)

C² Systems
tony.wells@csquaredsystems.com

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.

Radar 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.

Education
Central Connecticut State University
B.S. Civil Engineering Technology

Professional Registration
Professional Engineer – CT

Paul A. Lusitani, P.E.

Project Engineer

Mr. Lusitani has over 12 years of experience on telecommunications engineering projects. Mr. Lusitani has been with CHA 12 years and has served as the Project Engineer for telecommunications work for a majority of his time at CHA. In this capacity, Mr. Lusitani is responsible for telecommunications projects in the Southern New England Region with his main focus on Connecticut and Western Massachusetts. He has provided civil site design, field investigations, visual analysis studies, construction oversight, project management, QA/QC, and technical oversight for many communications related projects in CT and MA.

Telecommunications Site Design Experience:

Civil design/layout work, field data collection, field construction inspections, and project management/coordination for telecommunications projects are Mr. Lusitani's primary responsibilites:

Civil Design/Layout Work: Civil design work involves the following responsibilities: developing civil site drawings, such as lease exhibits, zoning drawings, and construction drawings utilizing AutoCAD 2011; developing design documents utilizing Microsoft Word & Microsoft Excel; researching town and/or state zoning regulations; completing quantity take-offs and cost estimates; laying out access roads, equipment compounds, access & utility easements, lease areas, utilities, coaxial cable, and equipment rooms/platforms based on existing site constraints such as topography, watercourses, wetlands, buffers, flood zones, property boundary setbacks, height limitations, structural limitations, accessibility requirements, and cost; grading access roads and equipment compounds for new tower sites; preparing visual analysis reports; preparing initial and final statements of inspections; and preparing initial and final affidavits.

Field Data Collection: Field data collection involves the following responsibilities: collecting the required structural information to support the proposed equipment such as physical properties of beams, columns, joists, roofs, and floors; collecting the required electrical and telephone information to determine sufficient capacity and routing; measuring the general site dimensions required to layout existing conditions; observing site conditions for environmental, design, and access constraints; and preparing field data packages consisting of notes, sketches, and photos for the design team.

Field Construction Inspections: Construction progress inspections involved the following responsibilities: inspecting tower foundation rebar and form geometry for compliance with the tower design drawings; inspecting sub-grade preparation and excavation limits for compliance with the geotechnical report; inspecting tower backfill for compliance with the geotechnical report; inspecting the tower erection process for compliance with the tower design drawings; inspecting site utilities and grounding systems for compliance with site design drawings; inspecting steel equipment supports for compliance with design drawings; and preparing field inspection reports based on field observations.

Project Management/Coordination: Project management and coordination of the design team involved the following responsibilities: interacting with the client; coordinating site designs with the survey, environmental, civil, structural, electrical, and mechanical groups; reviewing site design drawings, design documents, and environmental compliance documents for completeness, accuracy, and compliance with client design standards & scope of work; coordinating the construction inspection and material testing process; monitoring project budgets and schedules; maintaining project records; preparing purchase order requests for extra work; securing

CHA

purchase orders from clients; obtaining contracts with sub-consultants; preparing notice to proceed documents for sub-consultants; coordinating site design work with sub-consultants; and maintaining the project financial tracker and work progress tracker.

Notable Telecommunications Projects:

T-Mobile USA, Inc.: manage and coordinate the design of more than 170 sites in CT & MA

SBA/Optasite Towers LLC: manage and coordinate the design of 25 new tower sites in CT

MCF Communications Inc.: manage and coordinate the design of 8 new tower sites in CT

Nextel/General Dynamics: manage and coordinate the design of 40 sites in CT & MA

National Grid Wireless: manage and coordinate the design of 4 sites in CT & MA

AT&T/New Cingular Wireless: manage and coordinate the design of more than 80 sites in CT