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*Via Hand Delivery*

August 7, 2007

Connecticut Siting Council  
David Martin, Analyst  
10 Franklin Square  
New Britain, CT 06051

**RE: Docket No. 331 - Sprint/East Haven - Witness & Exhibit List**

Dear Mr. Martin:

Enclosed for filing are an original and twenty copies of Sprint Nextel Corporation's Witness and Exhibit List in this matter. Please let me know if you have any questions.

Very truly yours,

**BROWN RUDNICK BERLACK ISRAELS LLP**

By:   
Thomas J. Regan

Enclosures

# 40243147 v1 - MERCIECM - 080563/3233

**STATE OF CONNECTICUT  
CONNECTICUT SITING COUNCIL**

Sprint Nextel Corporation's Application for a : **Docket No. 331**  
Certificate of Environmental Compatibility and Public :  
Need for the Construction, Maintenance and Operation :  
of a Telecommunications Facility Located at 836 :  
Foxon Road, East Haven, Connecticut. : **August 7, 2007**

**SPRINT NEXTEL CORPORATION'S WITNESS & EXHIBIT LIST**

Sprint Nextel Corporation hereby submits to the Connecticut Siting Council its witness panel for, and exhibits to be offered at, the public hearing on August 14, 2007.

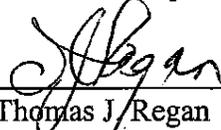
A. Witnesses (resumes attached)

1. Anthony Wells, Electrical Engineer, C2 Systems.
2. Michael Libertine, LEP, Vanasse Hangen Brustlin, Inc.
3. W. Thomas Abernatha, Managing Director, Transcend Wireless, LLC.
4. John Stevens, Professional Engineer & President/CEO, Infinigy Engineering, PLLC.

B. Exhibits

1. Sprint's Application dated March 27, 2007.
2. Sprint's Responses to Interrogatories dated July 13, 2007.

Respectfully submitted,  
Sprint Nextel Corporation

By: 

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Its Attorney

**Certificate of Service**

On August 7, 2007, a copy of Sprint Nextel Corporation's Responses to Interrogatories

was sent via first class mail to:

**Cellco Partnership d/b/a Verizon Wireless**

c/o

Kenneth C. Baldwin, Esq.

Robinson & Cole LLP

280 Trumbull Street

Hartford, CT 06103-3597

[kbaldwin@rc.com](mailto:kbaldwin@rc.com)

**Omnipoint Communications, Inc. (T-Mobile)**

c/o

Carrie L. Larson, Esq.

Cohen and Wolf, P.C.

1115 Broad Street

P.O. Box 1821

Bridgeport, CT 06601-1821

[clarson@cohenandwolf.com](mailto:clarson@cohenandwolf.com)

By: \_\_\_\_\_

  
Thomas J. Regan

# 40243133 v1 - MERCIECM - 080563/3233



Anthony Wells  
C Squared Systems  
603-770-3143

**Summary:** Over ten years of experience in the communications industry. Experienced in RF design for analog and digital networks. Experience in RF design for 800 and 1900 MHz systems.

**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.
- Manage design of a digital 1900 MHz (PCS) network consisting of over 130 cell site locations in New Hampshire and Maine.
- Design 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.

### **Senior 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**

#### **Frquency 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.

.....  
Mr. Libertine is a Licensed Environmental Professional in Connecticut. His primary responsibilities at VHB are managing and overseeing the environmental science and engineering projects in our Middletown, Connecticut office. His experience includes regulatory compliance, site assessments and field investigations for property transfers, remedial strategy development, environmental due diligence and permitting support, 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.

**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 development companies 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 (including representation at municipalities and Connecticut Siting Council hearings).

**Certificate of Environmental Compatibility and Public Need, Killingly, Connecticut**

Project Manager in support of an 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. Mike was responsible for overseeing Site data collection and analysis, site/civil layout, and drafting of municipal documents and the Application to the CSC. Services included conducting natural resources inventories of existing flora and fauna, habitat evaluations, wetland delineation, noise and EMF analyses, hazardous waste investigations, site layout and design drawings, landscape architecture, preparation of technical documents, coordination with State and local agencies, and permitting. 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.

**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, preparation of site/civil design drawings, supporting graphics, photo-simulations, and local and state permit documents. 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.

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 seventeen years of engineering 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 assessments, site assessments for property transfers, and due diligence and permitting in support of development projects.

**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.

**Remedial Investigations, Former Remington Rand Facility, Middletown, CT**

Project Manager of Remedial Investigations at former industrial manufacturing complex to determine nature and extent of soil/groundwater contamination, remedial alternatives, and their associated costs in preparation for adaptive site reuse. This project required coordination with the City of Middletown, the Connecticut Department of Economic and Community Development and the CTDEP as part of the Urban Sites Redevelopment-Brownfields Program.

**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.

**Environmental Review and Redevelopment Planning, Stratford, CT**

Project Manager assisting the town in taking the. The town of Stratford sought a plan to redevelop 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.

**On-Call Services for Connecticut Department of Transportation**

Task Manager for Connecticut Department of Transportation (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.

**Ashland Mills Demolition, Griswold, CT**

Project Manager of Phase II/III Field Investigation, demolition oversight, and soil remediation at the former Ashland Mills facility. This project was completed in separate phases, including the demolition and removal of several site structures damaged by fire, excavation and removal of UST's, soil remediation, asbestos abatement, and additional site investigation work to determine compliance with Connecticut Remediation Standard Regulations. This project required coordination with municipal officials, CTDEP, DPH, and EPA.

**Windham Mills Remedial Investigation, Willimantic, CT**

Project Manager of Phase III Investigation and Remedial Alternatives program at the Windham Mills redevelopment project located. Areas of concern on this project included characterization and delineation of a coal ash landfill and fuel-oil impacted soils, UST's, PCB's and management of environmental compliance issues. This mill restoration, redevelopment and adaptive reuse project required coordination with both the Connecticut Department of Economic and Community Development and the CTDEP as part of the Urban Sites Redevelopment - Brownfields Program.

**Garment Facility, Norwich, Connecticut**

Project Manager for solvent-contaminated soil remediation at former garment manufacturing facility. In addition to soil contamination associated with historic discharges to a dry well, this project also involved site characterization and removal of diesel and waste oil UST's impacted soils, initiation of ongoing quarterly groundwater monitoring programs, and coordination with the CTDEP Property Transfer Group.

**Commercial Property, Warwick, RI**

Project Manager of environmental site investigations, remedial design, and oversight at a commercial property. This project involved completion of a Phase I site assessment, Phase II field investigations, soil gas survey, UST testing and removals, geophysical survey, septic system survey/assessment, environmental compliance and property transfer issues, preparation of a Corrective Action Plan for submission to the Rhode Island Department of Environmental Management (RIDEM), site remediation of petroleum-impacted soils, and submittal of a closure report.

**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**

Assisted on a field investigation for an Installation/Restoration Study at the Naval Submarine Base in Groton, Connecticut for the U.S. Navy. This Superfund site includes RI/FS investigations at four former waste disposal/release site and several additional

potential waste disposal 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)

# WILLIAM THOMAS ABERNATHA

## PROFESSIONAL EXPERIENCE

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**2003-Present**    **Transcend Wireless, LLC**    **Syracuse, NY**  
*Owner/Managing Director*

- Responsible for all aspects of site acquisition for wireless communication companies including site evaluation, leasing negotiations and strategic planning.

**2000-2003**    **Pyramid Network Services**    **Syracuse, NY**  
*Director of Staff Operations*

- Responsible for assisting in all staff operations across the US.
- Activities include recruiting, evaluating, and maintaining all staff related concerns for over 100 agents and employees.
- Interface regularly with clients to assure that Pyramid consultants are meeting or exceeding expectations.

*Director of Northeast Region*

- Responsible for assisting in all operations in the Northeast including marketing, staffing, and strategic planning.
- Supervising team of 12 property consultants inside of Sprint's headquarters.
- Managing and train five construction managers in the CT and MA markets.

*Managing Property Consultant*

- Training and instructing newly hired Sprint employees.
- Managing the site acquisition, zoning, design and construction of 15 Sprint's Sales & Marketing top 50 priority sites in the Boston Metro Area.
- Managing the build of 90 Phase 4 sites for Sprint PCS Boston, MA.

**1999-2000**    **Pyramid Site Acquisition Services**    **Mahwah, NJ**  
*Collocation Specialist/Property Consultant*

- Member of five-man team contracted to eliminate Sprint's two-year backlog of collocations in the Northeast region.
- Acted as the contact person for all inbound collocations from wireless communications companies.
- Responsible for preparing and reviewing license agreements for execution.
- Collected, organized and approved client's Construction Notice to Proceed.

**1989-present**    **Aqua Java Distributors, Inc.**    **Syracuse, NY**  
*Partner*

- Started the company with two partners and an initial investment of \$20,000.
- Currently the company consists of 25 employees and revenues of \$3 million.
- Designed, implemented and managed sales and operational procedures.
- Prioritized company objectives to maintain profitability.
- Forecasted internal funding requirements to accommodate rapid growth.
- Acquired funding for expansion and to build a spring water plant.

1994–1995      Paine Webber, Inc.      Washington, DC

*Executive assistant to Executive Vice President Sales*

- Ensured that clients received proper and complete disclose materials.
- Maintained the calculations of customer cost basis.
- Collected, reviewed and disseminated investment research.

1993–1995      House of Representatives      Washington, DC

*Legislative Assistant to Rep. Amory Houghton*

- Drafted constituent response form letters and coordinated mailings.
- Conducted governmental research on pending legislation.
- Attended fund raising activities as representative of Amory Houghton.

## EDUCATION

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1998      Bentley College      Waltham, MA

- M.S., Finance.
- Graduated Summa Cum Laude.

1992-1996      The American University      Washington, DC

- B.S., Business Administration and Finance.
- Minor in Economics

**John S. Stevens. P.E.**  
6 Taylor Drive  
Rexford, New York 12148  
(518) 371-4003 (Home)  
(518) 330-4147 (Cell)

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**EDUCATION:**

State University of New York, Albany, NY  
MBA Business Administration, 1995

University of Colorado, Boulder, CO  
BS Civil Engineering, 1987

**EXPERIENCE:**

**Infinigy Engineering, PLLC** November 2002 to Present  
*President/CEO*

- Started and built a professional engineering company with annual revenues of \$8.4 million, three offices and (28) employees. Specializing in the private development sector, specifically the Project Management of aggressive design-build projects.
- Active master contracts with Sprint PCS, Verizon Wireless, Nextel, Cingular, TMobile Motorola, Bechtel, WFI, LCC, American Tower, SBA and Global Signal.

**Independent Wireless One** November 2001 to November 2002  
*Chief Technical Officer*

- Recruited during a management change to become CTO for a 1-year contract.
- Responsible for a capital budget of \$84 million and an operating budget of \$28 million.
- Built (190) sites during the 1-year tenure.
- Assisted in the sale of the company to US Unwired.

**SBA, Inc.** April 1998 to November 2001  
*Chief Technical Officer*  
(January 2001 to November 2001)

- Responsible for creating new business units within the framework of the traditional SBA service and asset offerings
- Incubating SBA Broadband Services, SBA Technical Services , and SBA Power Services.
- Responsible for the Sales Organization generating \$90 million in annualized sales.

*Vice President Operations*  
(July 2000 to December 2000)

- Responsible for creating SBA Broadband Services as a division of SBA. Generated \$4.5 million in revenue (44% margin)
- Opened and managed the growth of the Puerto Rico office.

*General Manager Southeast Region*  
(April 1998 to June 2000)

- Recruited to create and manage Southeast Region prior to the IPO in June 1999
- Responsible for all business aspects within the region, including fee-based projects, tower builds, tower maintenance and tower lease up
- Full P&L responsibility
- Grew tower portfolio from (50) towers to (900) towers during tenure
- Generated annual revenue of \$8 million (35% margin)
- Managed (103) staff in (13) offices

### **SPRINT PCS**

November 1995 to May 1998

*Director Engineering and Operations Atlanta, GA*  
(January 1997 to April 1998)

- Opened the Sprint PCS office in Atlanta after the successful FCC D&E spectrum auction
- Defined, developed and implemented the Atlanta market build-out
- Managed the deployment of (451) sites
- Responsible for budgeting and managing a capital budget of \$240 million. Realized a \$30 million dollar savings
- Managed the design and deployment of (3) switch facilities
- Managed a staff of (126) employees
- During market consolidation, managed the Birmingham, Memphis and Chattanooga markets

*Director Engineering and Operations Albany, NY/Hartford, CT*  
(August 1996 to December 1996)

- Successfully commercially launched the Albany and Syracuse markets with (89) sites. These two BTA's were (2) of the first (5) commercial launches or Sprint PCS
- Responsible for restructuring the successful turnaround of the Connecticut market.

*Property Manager, Albany, NY*  
(November 1995 to July 1996)

- Facilitated the site acquisition and permitting process on (111) sites in the Albany and Syracuse, NY BTA's
- Defined and managed the technical design standards and processes
- Developed and maintained a property management database

### **NYNEX Mobile**

March 1994 to November 1995

*Development Manager*

- Managed the implementation staff for the upstate New York, Vermont and New Hampshire build programs
- Responsible for all technical engineering design
- Responsible for all zoning projects
- Responsible for all construction contractors
- Built (45) sites during tenure, including all the first sites in Vermont, the Adirondack Park and northern New Hampshire

### **Clough, Harbor & Associates**

April 1990- to March 1994

*Project Manager*

- Developed the Wireless Services Engineering Group in the company, based on my relationship with NYNEX Mobile
- Handled half of all NYNEX Mobile's engineering and zoning technical support in upstate New York and western Massachusetts

- Managed the technical design of all wireless design projects

**PUBLICATIONS:**

Defined Process for Market development- Organization, Program Definition, Process Flow and Standardized Deliverables, December 1996

**PUBLIC SPEAKING ENGAGEMENTS:**

2004 PCIA Antenna & Siting Show (October 2004)  
In-Building Distributed Antenna Systems (DAS) Forum

- Case Studies – In-Building and DAS systems

2004 CTIA (March 2004)  
In-Building Networks – Controlling CAPEX and OPEX

1999 Tower Summit & Trade Show (November 1999)  
Operational Frontline-Power Session Las Vegas, Nevada

- Meet the Regional Vice Presidents and how they determine operational success

Institute for International Research (July 1997)  
Maximizing Capacity and Coverage of Mobile Networks Chicago, Illinois

- Keynote address- Identifying areas within the network that need to be enhanced

ShoreCliff Communications International (May 1997)  
Wireless Build-out Regional Conference Series Atlanta, Georgia

- Town Hall: Wireless Providers meet the cities and counties

**PROFESSIONAL AFFILIATIONS:**

Registered Professional Engineer (P.E.) in the State of New York

**REFERENCES FURNISHED UPON REQUEST**