

STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

IN RE:

APPLICATION OF MESSAGE CENTER
MANAGEMENT, INC. (MCM) AND NEW
CINGULAR WIRELESS PCS, LLC (AT&T) FOR A
CERTIFICATE OF ENVIRONMENTAL
COMPATIBILITY AND PUBLIC NEED FOR
THE CONSTRUCTION, MAINTENANCE
AND OPERATION OF A TELECOMMUNICATIONS
TOWER FACILITY AT BATES WOODS PARK IN THE
CITY OF NEW LONDON, CONNECTICUT

Docket No. 439

September 3, 2013

HEARING INFORMATION OF
MESSAGE CENTER MANAGEMENT AND NEW CINGULAR WIRELESS

Message Center Management, Inc. ("MCM") and New Cingular Wireless PCS, LLC ("AT&T") (together the "Applicants"), submit the following hearing information to the State of Connecticut Siting Council in the captioned proceeding:

Counsel Appearing at the Hearing

Counsel appearing at the hearing will be Christopher B. Fisher, Esq.

List of Witnesses

1. Michael Libertine, LEP, Director of Siting and Permitting, All-Points Technology Corporation, P.C.
2. Scott Chasse, P.E., All-Points Technology Corporation, P.C.
3. Dean Gustafson, Senior Wetlands Scientist, All-Points Technology Corporation, P.C.
4. Christopher Gelinis, National Site Acquisition and Leasing Manager, Message Center Management, Inc.
5. Mike Lawton, SAI, Manager of Engineering

Resumes included as Attachment 1

Documents to be Administratively Noticed

None at this time.

Exhibits to be Offered

The Applicants will offer as exhibits the following:

1. Application of MCM and AT&T dated June 21, 2013
2. MCM and AT&T Bulk Filing dated June 21, 2013
3. MCM and AT&T Responses to Siting Council Interrogatories Set I dated September 3, 2013.
4. Applicants' Pre-Filed Statement Of Facts In Lieu Of Direct Testimony, dated September 3, 2013

Affidavit of Sign Posting

A notice sign in keeping with Siting Council requirements was posted at the subject property on August 26, 2013. An affidavit of posting with photos of the posted sign is included here as Attachment 2.

Public Presentation

For the Siting Counsel's records, included here as Attachment 3, please find a hardcopy of the electronic presentation the Applicants will provide at the September 10, 2013 7:00pm public hearing on this Docket. All information included in the presentation is incorporated in the above noted exhibits to be offered.

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

CERTIFICATE OF SERVICE

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

Dated: September 3, 2013

A handwritten signature in black ink, appearing to read 'DML', with a long horizontal line extending to the right.

Daniel M. Laub

Attachment 1



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. Representative projects include:

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

Program Manager for environmental due diligence, siting and permitting services in support of various telecommunications clients throughout New England and New York. Mike has worked directly for licensed wireless service providers and tower management firms since 1997. Representative project-related services 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 permit applications, and construction support. Mr. Libertine has testified on behalf of telecommunications clients in front of local municipalities and the Connecticut Siting Council (CSC) on over 250 applications and petitions.

Environmental Siting and Permitting Services, Electrical Utilities

Program Manager from 2004 through 2010 in support of various Connecticut projects, including assessment and permitting of bulk power substations, transmission lines/structures, and underground utility installations. Services include 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.

Environmental Assessment and Constructability Review, Central Connecticut

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.

Certificates of Environmental Compatibility and Public Need, Electrical Substations, Connecticut

Project Manager in support of Applications to the CSC for the permitting of five new bulk power substations in Killingly, Guilford, Windsor, Waterford and Westport, Connecticut. These projects required extensive coordination of numerous team members, including client's in-house discipline managers and engineers, consultants, legal counsel, staff, and subcontractors. Mike was responsible for overseeing pre-acquisition environmental due diligence services, site survey, 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 analyses, hazardous waste investigations, site layout and design drawings, landscape architecture, preparation of technical documents, coordination with State and local agencies, and permitting. Mike was also responsible for the preparation of Development and Management Plans to the CSC and providing 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.

Environmental Evaluations and Regulatory Permitting, Wind Farm, Colebrook, Connecticut

Project Manager for environmental considerations associated with the development of Connecticut's first commercial wind farm in northwest Connecticut. Responsibilities included overseeing due diligence, natural resource studies and environmental permitting activities. The 3.2 MW project involved extensive evaluations of wetland and other natural resources, flora and fauna studies, sound studies, flicker analyses, visual evaluations and expert testimony at the local and state level, including multiple CSC hearings. Mike assisted this client in preparing the Development and Management Plan and pre-construction coordination efforts.

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

Project Manager responsible for the preparation of a Petition to the CSC 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. Mike also supported his Client during the contractor selection process and developed a site-wide soil and water management plan for implementation during construction activities.

Environmental Impact Evaluation for Great Path Academy , Manchester, CT

Project Manager of an Environmental Impact Evaluation for expansion of a middle-college magnet high school serving eight member communities and operating within existing infrastructure at Manchester Community College. The project included a new free-standing facility on the campus to house the school and expand parking to accommodate 500 additional vehicles, enabling enrollment to increase from 75 to 300 students. Services included preparation of the EIE in accordance with CEPA to evaluate the project's associated potential environmental, social and economic impacts. The comprehensive document, distributed for public review and comment, assessed multiple locations for parking and building facilities within the MCC campus 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.

Employment History

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Vanasse Hangen Brustlin, Inc., 54 Tuttle Place, Middletown, Connecticut
Director, Environmental Services May 1997 to January 2012
Atlantic Environmental Services, Inc./GEI Consultants, Colchester, Connecticut
Project Manager/Team Leader, January 1991 to May 1997

Education

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

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

SCOTT M. CHASSE, P.E.
3 SADDLEBROOK DRIVE KILLINGWORTH, CT 06419
860-663-1697 860-663-0935

ALL-POINTS TECHNOLOGY CORPORATION, P.C. (APT)

Dec. 2000 – Present

Mr. Chasse is a co-Founder of All-Points Technology Corporation (APT), a civil and structural engineering firm servicing the wireless industry. He is an officer and Secretary of the Corporation. He provides hands-on design and permitting services to multiple wireless telecommunication carriers in CT and NY. Services include: 1) conducting constructability assessments and design audits; 2) developing zoning and construction drawings for the installation of telecommunication facilities and new tower structures; and 3) providing construction inspection and administrative services in support of obtaining Certificates of Completion for his clients. Mr. Chasse has participated in the design and development of over eleven hundred wireless telecommunications projects during his tenure at APT.

DIVERSIFIED TECHNOLOGY CORPORATION (DTC)

Mar. 1998- Dec. 2000

Mr. Chasse served as Director of Environmental and Telecommunication Departments while employed at DTC. He managed up to fourteen technical staff in completing over two hundred wireless telecommunication projects, environmental assessments, and several large-scale remedial investigations and compliance audits.

SPRINT PCS

Oct. 1996- Mar. 1998

Mr. Chasse was employed as the Wireless Implementation Manager for the Connecticut and Western Massachusetts market during the carrier's initial coverage launch. He was responsible for the zoning, design, environmental compliance and construction of over 150 wireless telecommunication facilities during this time and managed over seventy contractors and staff.

BERGER LEHMAN ASSOCIATES (BLA)

Dec.1994 – Oct. 1996

Mr. Chasse was the Chief Environmental Inspector and Auditor for a \$100mm CTDOT bridge project in Hartford, CT. He was responsible for enforcing contract performance with all local, Federal and State environmental permits and regulations. Mr. Chasse collected samples and conducted *in-situ* analyses to verify contractor's compliance with approval remedial action plans. Mr. Chasse also served as the Health and Safety Coordinator for the project and the Connecticut office of BLA.

EDUCATION: University of Connecticut, B.S. Civil Engineering

PROFESSIONAL ENGINEERING LICENSE(s):

Connecticut 1997 to present (#19728)

New York 2001 to present (#6848361)

AFFILIATIONS:

Member of Chi-Epsilon (1992- present)

AISC & ASCE member

Building Committee Member for \$48mm RD17 School

Pack 18 Cub Scouts Committee Chairman

Troop 18 Boy Scouts Committee Member

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 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.

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.

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Education	B.S. University of Massachusetts, Plant and Soil Sciences, 1988 Graduate coursework, University of New Hampshire
Affiliations	Member, Lebanon Inland Wetlands and Watercourses Commission, since 1995. 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)

Christopher Gelinas

Christopher Gelinas is the National Site Acquisition and Leasing Manager for Message Center Management, Inc. Mr. Gelinas has over 12 years of experience in the telecommunications industry managing infrastructure build-outs for wireless carriers in markets throughout the Northeast. In addition to leadership roles in infrastructure build-out he has served as a consultant to wireless carriers in the Property Management arena focusing on portfolio retention, expense analysis, cost reduction and pre-litigation resolution. His telecommunications career is supported by over 10 years of commercial real estate and national franchise negotiations and development.

Mr. Gelinas is a graduate of Bryant University with a Bachelor of Science degree in Business Administration and has been listed as a Member in the National Register's Who's Who in Executives and Professionals during the course of his career.

Michael Lawton

Personal Summary

- 24 Years Wireless Engineering and management experience
- In-depth market knowledge in several of the top 10 US markets
- Successful history of design and deployment of large-scale wireless networks
- Experienced with multiple RF technologies, vendors, systems and tools
- Proven reliability, integrity and responsibility as engineer, leader and manager
- Demonstrated ability to form, manage and motivate engineering teams in all stages of network deployment from start-up through network stability
- Consistent record of revenue and margin growth throughout areas of responsibility
- Strong interpersonal, verbal and written communication skills
- Member of Town of Harvard, MA Zoning Board of Appeals

Education

Rensselaer Polytechnic Institute, Electrical Engineering, 1984-1987

Experience

SAI Communications (SAI)

January 2012-present

Manager of Engineering

- Full responsibility for RF engineering team, including LTE Overlay design, scoping, RFDS creation, drive testing, DAS survey, design and commissioning, MPE studies and measurements, RF safety plans, .

Telecom Technology Services (TTS)

March 2006- Jan 2012

Director of Engineering

Responsibilities have included:

- Full responsibility for P&L and employee management of West Coast and Southern US areas of operation as services leader and KAM
- Partnering with sales, software development and marketing to develop creative solutions to meet customer needs and win business
- Oversight and technical leadership for turnkey network growth projects in New England (MA, RI, ME, NH, VT, CT), NY and Northern CA.
- Responsibility for leadership of all RFP/RFQ, tender and bid responses within area of responsibility
- Strong record of customer satisfaction, growth and retention throughout areas of responsibility
- Team size between 20 and 60 engineers
- Business development, project execution, recruiting, training and team management among responsibilities
- Managed Model Tuning project for national wireless carrier, over 100 models delivered on-time and on-target
- Personally developed innovative engineering services and tools to grow revenue and increase customer base
- Technical oversight of many projects including turnkey optimization for GSM and UMTS, turnkey network design (2G and 3G) and QC, E911 compliance certification, AFP and ACP, model tuning, Greenfield and overlay design and rollout.

LCC International

April 1990 – Feb 2006

Customer: Cingular Wireless/AT&T Wireless

Dec 2004 – Feb 2006

- National technical lead, Program and Project Manager for UMTS design project. Managed, trained and led a team of over 50 engineers generating turnkey UMTS network designs for over 30 AT&T markets in all regions. Markets included all of Florida, Puerto Rico, N&S Carolina, Ohio, Colorado, Texas, Louisiana, Minnesota and Kansas/Missouri. Primary customer interface at Regional and National levels. Developed standards, oversaw

Michael Lawton

quality and participated in all customer readouts and design certification presentations. All designs done on-time and of high quality, leading to increased market award in later rounds.

- Fully responsible for P&L, staffing and management of national project, generating over 50% of LCC Americas total revenue and exceptional margin over project duration.
- Successful integration of LCC teams into AT&T process. Worked as a bridge between AT&T market and National teams as well as Site Development/PM vendors to insure project success and team achievement.

Customer: Cingular Wireless/SBC/Cellular One Boston/New England market

May 1996- Dec 2004

- Responsible for management of 30+ person engineering team providing technical guidance to Cingular Northeast Region Standards team, and New England and NY (upstate and NYC) market design and performance teams (Nokia GSM and Lucent TDMA) as well as market dimensioning, spectrum management, traffic growth projection and VCF analysis. Regional team is responsible for GSM feature trials and performance and design standard setting for all markets in NE US. Acted as primary Cingular market contact for Cingular/Nokia CA activities.
- Oversight of "Project Genesis" Boston Phase 2 (core) GSM rollout. Coordinated and reviewed system design and performance. SCHEMA and SETRAM simulation data review and output validation.
- Led Lucent mm and FLEXENT microcell deployment project for Boston Core, including Real Estate team and deployment team management. Developed streamlined RE process to facilitate rapid site deployment.
- Lead engineer for Cellular One conversion from 6 to 3-sector system configuration and from Motorola to Nokia equipment.
- Lead engineer for design and deployment of Lucent IS-136 product throughout New England market. Developed and utilized drive-data based reuse matrix for TDMA market planning (first known application in US).
- Lead engineer responsible for Boston Core (inside route 128) and all Design functions – New site selection, zoning support, datafill, commissioning data review, frequency planning and interference control. While involved, network grew from 30 sites to over 400. Zoning support and expert testimony in over 100 hearings and litigation engagements.
- Built LCC team from one (self) to over 30 engineers and led/managed largest, most successful and first LCC engineering deployment with AT&T in US.

Customer: France Telecom Paris, France

Jan 1996 – May 1996

- Developed 1997 System expansion plans for Marseille region of GSM900 system, including development and analysis of drive testing plan to evaluate system quality, frequency planning, and system coverage problem analysis.

Customer: Nextel/FleetCall Los Angeles, CA and New York, NY

Nov 1993 – Jan 1996

- Engineering project manager for Nextel's initial system (Los Angeles). Worked with Motorola and Nextel Corporate to develop MIRS>IDEN product, from initial RFP development and analysis/evaluation/recommendation to system implementation. Issues addressed included: Handover parameter development, mobile initialization procedure, Fraud prevention methodology, Dispatch functionality, Switch architecture, hardware (end user and site) development/requirements, Radio system design, antenna diversity and combining schemes.
- Developed Nextel/LCC/Site acquisition procedures, standards, and documentation, including system design, site acquisition, frequency planning, allocation and migration, interference testing, Motorola ATP, on-site sweeping and interference analyses, equipment ordering, and colocation.
- LCC Team leader and acting Nextel RF manager for Los Angeles system, from initial design phase and identification of coverage objectives and site budget through 80% system construction. Generated initial

Michael Lawton

system design and configuration, initial frequency plan, and system growth plans for first 3 years of system operation, including budgetary and manpower forecasts. Trained and managed a team of up to 12 engineers to develop the system, including site selection, configuration determination and optimization, Site drive testing, measurement integration and propagation model optimization, antenna location determination including colocation studies with other carriers, Zoning hearing testimony and site acquisition interaction.

- LCC Team Leader and acting Nextel RF Manager for New York Metropolitan system. Primary experience and responsibility same as above. Additionally responsible for day-to-day management of site acquisition and development team for the 5-Borough portion of the system (Manhattan, Bronx, Queens, Staten Island, Brooklyn) including 60+ sites.
- First LCC engineer/manager deployed on first LCC market for Nextel. Responsible for building customer relationship, account management, growth of team. Customer engagement grew from 1 engineer to over 80 engineers.

**Customer: Metro Mobile
Phoenix, Arizona**

Jan 1993 – Nov 1993

- Sole market engineer for Phoenix system. Developed plan for conversion of system from 6-sector to 3-sector operation. Generated frequency plan configuration changes, and retune plan, as well as handoff topology data, to reduce system blocking and dropped call rates. Participated in international coordination with Mexican authorities and developed guidelines for international spectrum management.

**Customer: McCaw Cellular
Portland, OR and Salt Lake City, UT**

March 1992-Jan 1993

- Assisted in system equipment changeover from AT&T to Ericsson. Duties included system performance comparisons, handoff algorithm tailoring, and testing plans. Also prepared and presented market expansion plans for corporate design/budgetary review.

Additional LCC tasks:

- Authored internal LCC papers on receive diversity performance, On-site interference and sweeping, colocation between Cellular and iDEN, antenna theory, iDEN traffic theory, and iDEN link budgets.
- Developed and taught classes on iDEN Technology, Link Budgets, IS-136 implementation, and antenna theory.

Moffet, Larson & Johnson, PC., Falls Church, Va.

March 1987-April 1990

Project History Highlights:

- *Fleet Call (now Nextel) Corporate* Developed initial application to the FCC for frequency allocation to create ESMR. Developed methodology to generate spectrum availability plots for Fleet Call channel acquisition team. Supported initial discussions with financial community to obtain venture capital to create Nextel.
- Frequency planning and system design for cellular clients including US Cellular, Buffalo and Rochester Cellular and Contel Cellular.
- Participated in construction of a new AM station array in Chicago.
- Generated FCC applications for AM, FM, TV, Cellular, MMDS, ITFS, and LPTV clients.
- Participated in FCC rulemaking procedures, and filed technical data supporting client's motions before the FCC.

Attachment 2

STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

IN RE:
APPLICATION OF MESSAGE CENTER
MANAGEMENT, INC. (MCM) AND NEW
CINGULAR WIRELESS PCS, LLC (AT&T)
FOR A CERTIFICATE OF ENVIRONMENTAL
COMPATIBILITY AND PUBLIC NEED FOR
THE CONSTRUCTION, MAINTENANCE AND
OPERATION OF A TELECOMMUNICATIONS
TOWER FACILITY IN
NEW LONDON, CONNECTICUT

DOCKET NO. 439

August 26, 2013

AFFIDAVIT OF VIRGINIA KING

I, Virginia King, of Message Center Management, Inc., being duly sworn, deposes and states
that:

1. I am over eighteen years of age and understand the obligation of making a statement under oath.
2. On August 26, 2013, I supervised and witnessed the posting of a notice sign at Bates Woods Park, New London, Connecticut, noticing the Connecticut Siting Council application filing and the details of the hearing for Docket 439 scheduled on September 10, 2013.
3. The attached photographs were taken of the posted notice sign evidencing the installation of same at the location.

Signed: Virginia King

Print: VIRGINIA KING

Subscribed and sworn to before me
this 26th day of August, 2013

J. Mansley
Notary Public
My commission expires: 2-28-17

PUBLIC HEARING

Message Center Management, Inc. (MCM) and New Cingular Wireless PCS, LLC (AT&T) filed an application with the Connecticut Siting Council (Council) for construction of a telecommunications facility on this site. The Applicants propose to replace an existing 90' above grade level ("AGL") light pole with a self-supporting 115' AGL monopole tower which, in addition to lights, can accommodate emergency/municipal communications antennas as well as antennas belonging to federally licensed wireless carriers. The maximum height of said facility shall not exceed 115' AGL or as otherwise determined by the Council.

The Council will hold a public hearing on *September 10, 2013* at the *New London High School, Lecture Hall, 490 Jefferson Ave, New London, Connecticut*, beginning at 3:30 PM and continued at 7:00 pm. A copy of the application can be reviewed at City Hall or at the Council offices in New Britain, Connecticut. For more information, please contact the Council by telephone at 860-827-2935, electronically at www.ct.gov/csc, or by mail at 10 Franklin Square, New Britain, Connecticut 06051.

Attachment 3

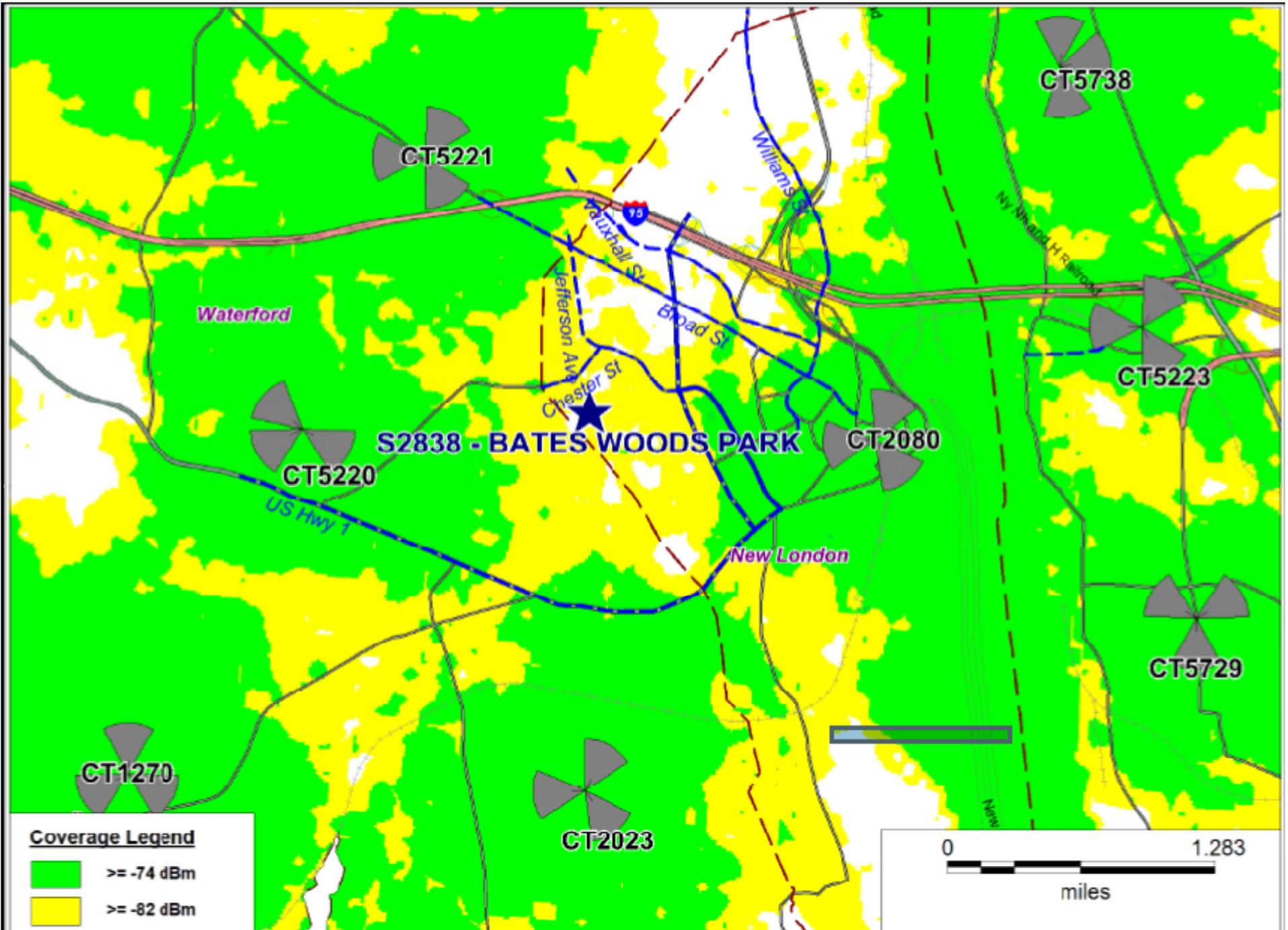
Docket 439
Public Hearing Presentation
September 10, 2013 – 7:00pm



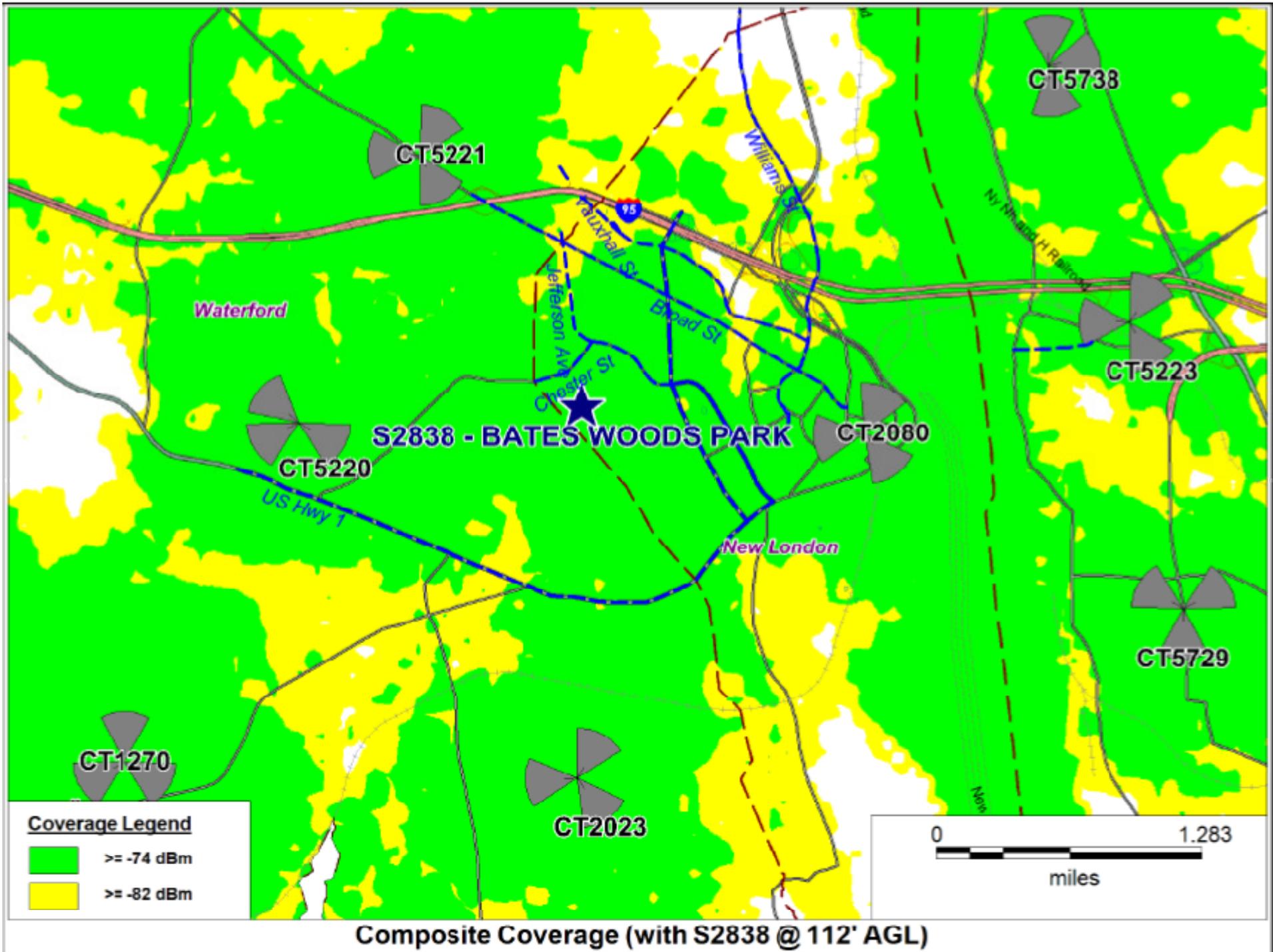
Message Center Management
Keep Your Sites On Us®



at&t



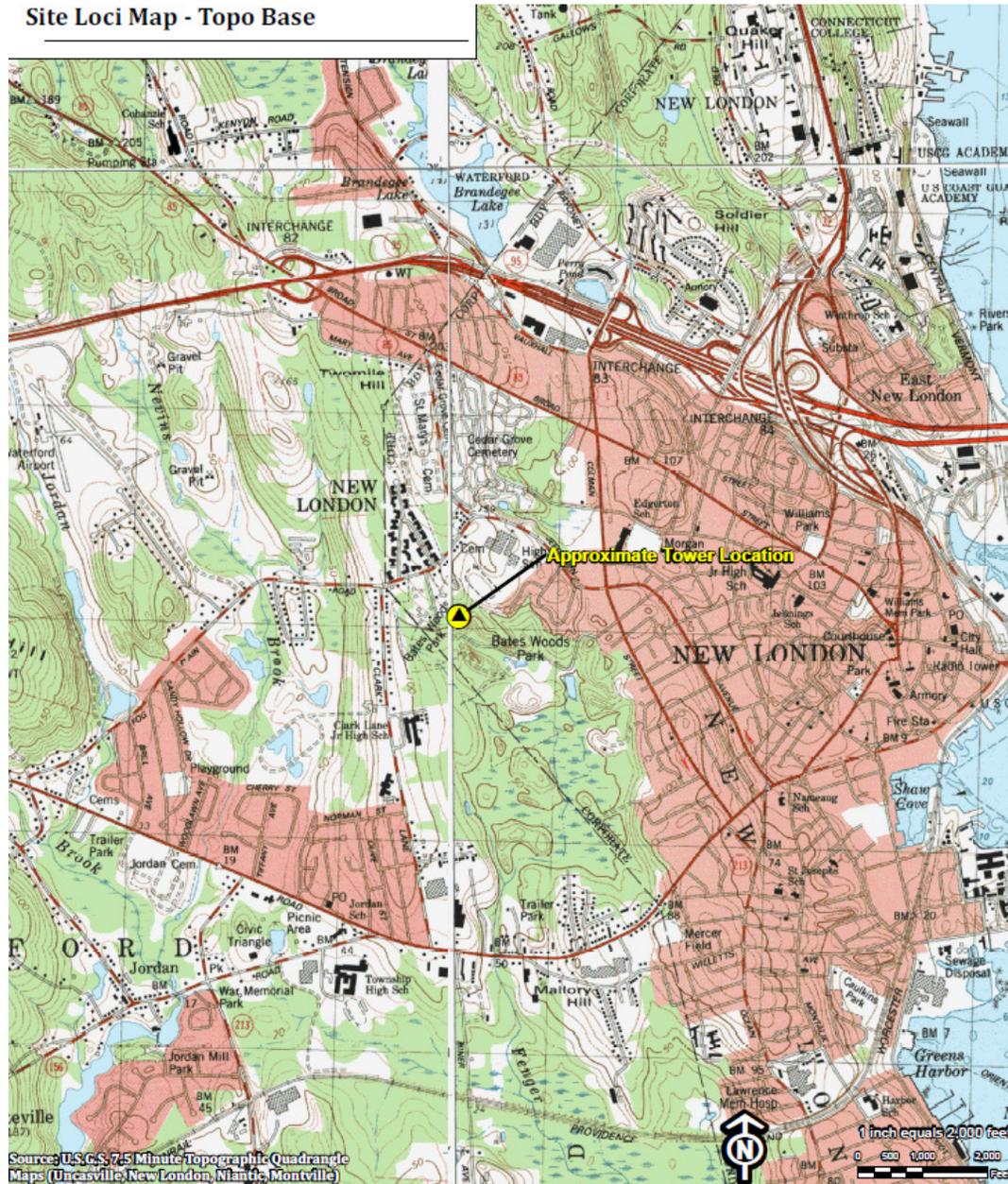
Current Coverage at New London, CT



Population Coverage (2008 Census Block Data)					
New London Total Pops	Current Pops Covered (=> - 82 dBm)	Current Pops Uncovered (< - 82 dBm)	Proposed Pops Covered (=> - 82 dBm)	Proposed Pops Uncovered (< - 82 dBm)	Proposed Pops Gain
31,336	25,046	6,290	28,338	2,998	3,292

Street Name	Average Daily Traffic (2011)
Jefferson Ave., New London, CT	16,000
US HW 1 (Colman St.), New London, CT	13,600
Chester St., New London, CT	13,200
Broad St., New London, CT	8,200
Williams St., New London, CT	6,600
Vauxhall St., New London, CT	4,200
Clark Ln., Waterford, CT	10,600
Fog Plain Rd., Waterford, CT	3,500

Site Loci Map - Topo Base

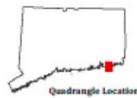


Proposed MCM Wireless Communications Facility

Bates Woods Park

New London, Connecticut

Tuesday, January 22, 2013



Site Loci Map - Aerial Base



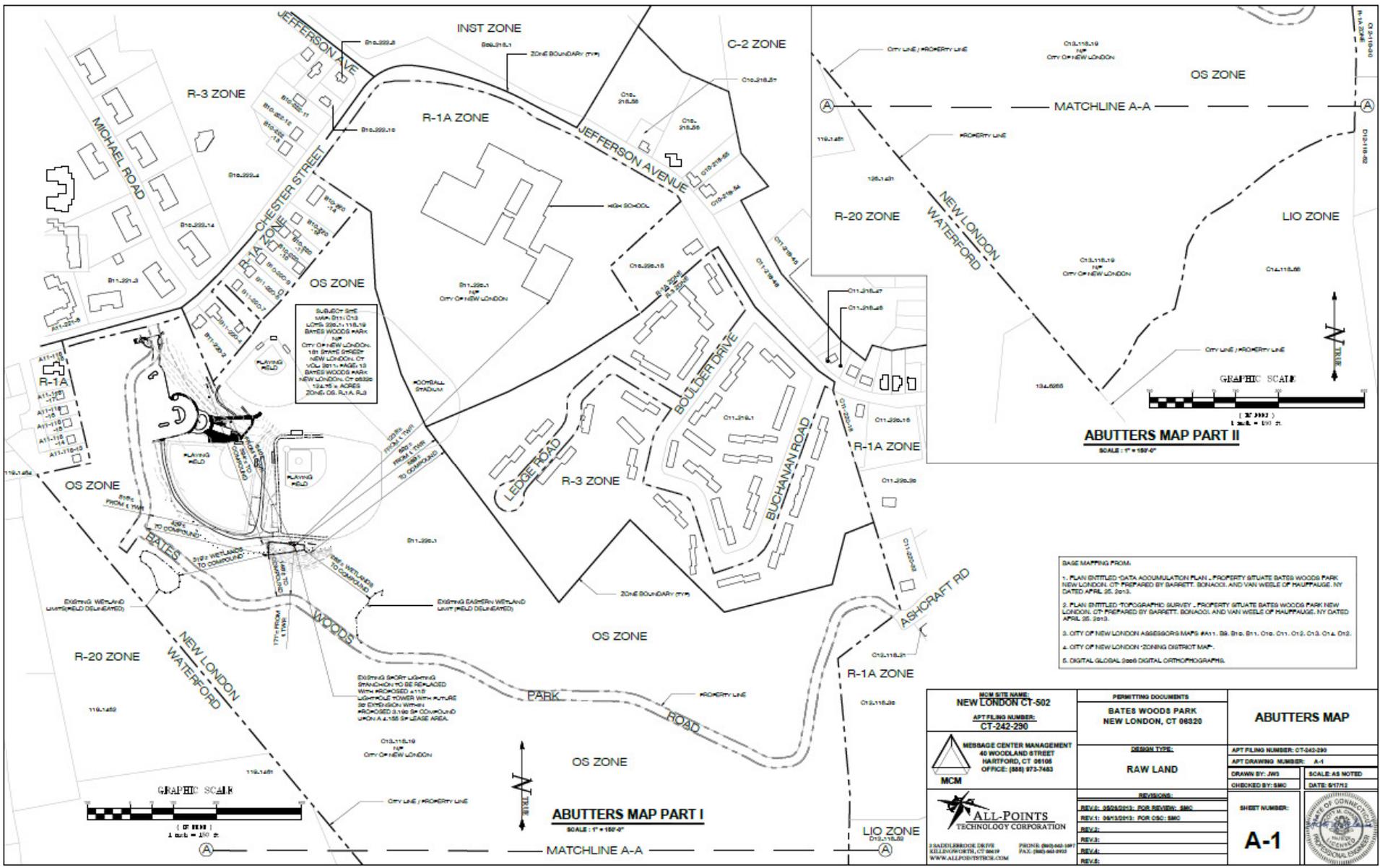
Source: 2010 Color Bing Maps
Aerial Images with 1-ft Resolution

- Legend
- Proposed Tower Location
 - Town Boundary
 - Subject Property
 - CT Parcels

Proposed MCM Wireless Communications Facility
Bates Woods Park
New London, Connecticut

Tuesday, January 22, 2013





SUBJECT SITE
 MAP 011-013
 LOTS 000.1, 110.2
 BATES WOODS PARK
 City of New London
 181 DAVIS STREET
 NEW LONDON, CT
 104.381 ACRES, 13
 BATES WOODS PARK
 NEW LONDON, CT 06320
 134.75 ± ACRES
 ZONE: OS, R-1A, R-20

- BASE MAPPING FROM:
1. PLAN ENTITLED "DATA ACCUMULATION PLAN - PROPERTY SITUATE BATES WOODS PARK NEW LONDON, CT" PREPARED BY BARRETT, BONAOLLI AND VAN WEELE OF PAUPELAGE, NY DATED APRIL 25, 2013.
 2. PLAN ENTITLED "TOPOGRAPHIC SURVEY - PROPERTY SITUATE BATES WOODS PARK NEW LONDON, CT" PREPARED BY BARRETT, BONAOLLI AND VAN WEELE OF PAUPELAGE, NY DATED APRIL 25, 2013.
 3. CITY OF NEW LONDON ASSESSORS MAPS #A11, B9, B10, B11, C10, C11, C12, C13, C14, C15.
 4. CITY OF NEW LONDON "ZONING DISTRICT MAP".
 5. DIGITAL GLOBAL 2008 DIGITAL ORTHOPHOTOGRAPHS.

RCM SITE NAME:
NEW LONDON CT-502
 APT FILING NUMBER:
CT-242-250

MESSAGE CENTER MANAGEMENT
 45 WOODLAND STREET
 HARTFORD, CT 06104
 OFFICE: (860) 973-7483

ALL-POINTS
 TECHNOLOGY CORPORATION
 3 SADELERBROOK DRIVE
 BELLINGHAM, CT 06019
 WWW.ALLPOINTSTECH.COM
 PHONE: (860) 442-5877
 FAX: (860) 442-9103

PERMITTING DOCUMENTS
BATES WOODS PARK
NEW LONDON, CT 06320

DESIGN TYPE
RAW LAND

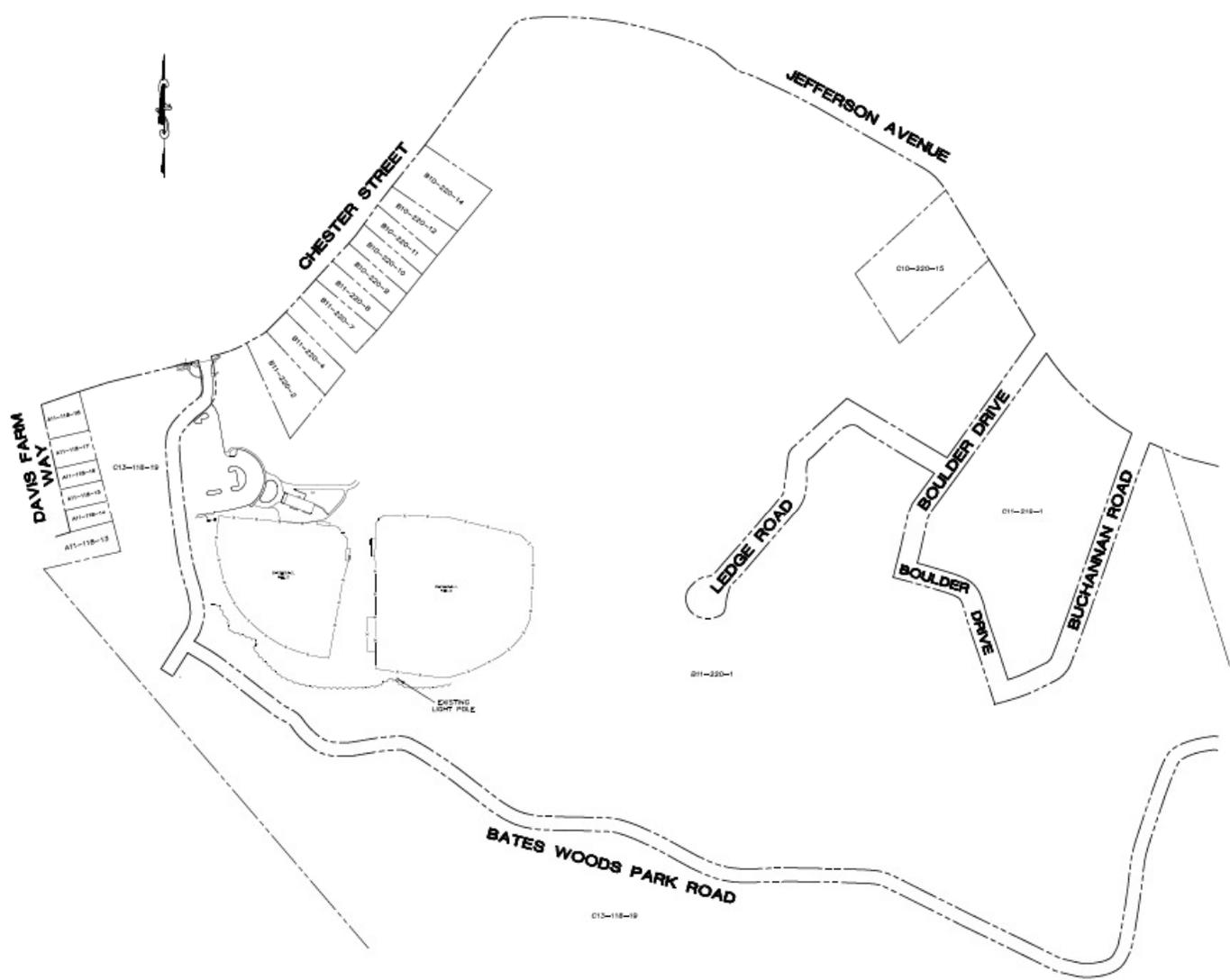
REVISIONS:
 REVISION: 001/001 FOR REVIEW: SMC
 REVISION: 001/002 FOR OSC: SMC
 REVISION:
 REVISION:
 REVISION:

ABUTTERS MAP

APT FILING NUMBER: CT-242-250
 APT DRAWING NUMBER: A-1
 DRAWN BY: JMS
 CHECKED BY: SMC
 SCALE AS NOTED
 DATE: 5/17/13

SHEET NUMBER:
A-1





- NOTES**
- THIS MAP AND SURVEY HAVE BEEN PREPARED PURSUANT TO THE REGULATIONS OF CONNECTICUT STATE AGENCIES SECTIONS 20-205B-1 THROUGH 20-205B-10 AND THE ORDINANCES FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT, AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. ON SEPTEMBER 10, 1996.
1. THIS MAP WAS PREPARED FROM RECORD RESEARCH, OTHER MAPS, LEGAL FIELD MEASUREMENTS AND OTHER SOURCES. IT IS NOT TO BE CONSIDERED AS A PROPERTY BOUNDARY OR LIMITED BOUNDARY SURVEY AND IS SUBJECT TO SUCH FACTS AS SAID SURVEYS MAY DISCLOSE.
 2. PROPERTY LINES INDICATED HEREON DO NOT REPRESENT THE SURVEYORS BOUNDARY OPINION.
 3. MAPPING INFORMATION
 SURVEY TYPE: GENERAL LOCATION
 OR METHOD: SECONDARY RESURVEY
 HORIZONTAL CLASS: 75
 4. REFERENCE MAP: CADDY OF NEW LONDON TAX MAP "TOWN 811" LAST DATED APRIL 8, 2012.
 5. THIS SURVEY WAS PREPARED WITHOUT BENEFIT OF A TITLE REPORT AND THEREFORE, THE ASSISTANCE OF ANY CONDEMNATION, RESTRICTIONS, EASEMENTS AND/OR RIGHTS OF ANY OF RECORD, IF ANY, ARE NOT SHOWN OR ACKNOWLEDGED.
 6. PARCEL OWNER OF RECORD: CITY OF NEW LONDON
 181 STATE STREET
 NEW LONDON, CT 06320
 7. SUBSURFACE AND ENVIRONMENTAL CONDITIONS WERE NOT EXAMINED OR CONSIDERED AS PART OF THIS SURVEY.

DATE	BY	CHECKED BY
4/26/2012	FB	FB
4/26/2012	FB	FB
DATE	BY	CHECKED BY
4/26/2012	FB	FB
DATE	BY	CHECKED BY
4/26/2012	FB	FB

BBV Barrett Bonacci & Van Weele, PC
 Civil Engineers
 Surveyors
 Planners
 175 North Main Street
 Branford, CT 06405
 + 203 483 4322
 + 203 483 4323
 www.bbpc.com

Tax Map: 811-220-1

PROPERTY
 WITHIN
BATES WOODS PARK
 NEW LONDON CONNECTICUT

DATA ACCUMULATION PLAN

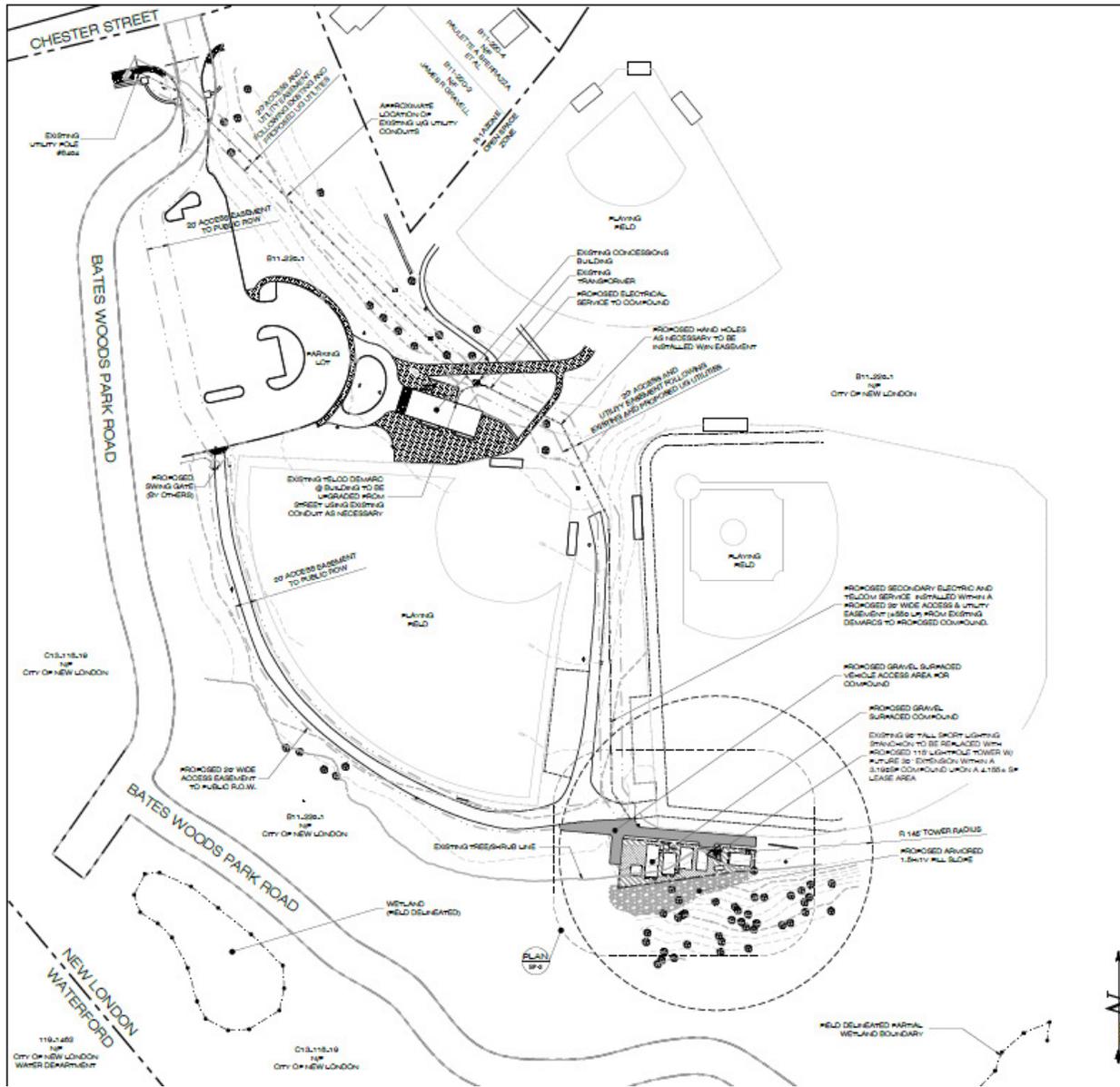
PROJECT NUMBER
 NO. 70281

DATE
 APRIL 26, 2012

SCALE
 N.T.S.

PROJECT NO.
 C130000

SHEET NO.
 1 of 2



- BASE MAPS FROM:**
1. PLAN ENTITLED "DATA ACCUMULATION PLAN - PROPERTY SITUATE BATES WOODS PARK NEW LONDON, CT" PREPARED BY BARRETT, BONACOL AND VAN WEELE OF HAUPPAUGE, NY DATED APRIL 25, 2013.
 2. PLAN ENTITLED "TOPOGRAPHIC SURVEY - PROPERTY SITUATE BATES WOODS PARK NEW LONDON, CT" PREPARED BY BARRETT, BONACOL AND VAN WEELE OF HAUPPAUGE, NY DATED APRIL 25, 2013.
 3. CITY OF NEW LONDON ASSESSORS MAPS #A-1, B, B-1, B-11, C-1, C-11, C-2, C-3, C-4, C-5.
 4. CITY OF NEW LONDON ZONING DISTRICT MAP.
 5. DIGITAL GLOBAL 2008 DIGITAL ORTHOPHOGRAPHS.

SITE AREAS & VOLUMES OF EARTHWORK:

STORMWATER SHALL EXIST APPROXIMATELY 95 CUBIC YARDS (CY) OF CUT/FILL FOR TRUCK EXCAVATION FROM THE TRANSFORMER TO THE COMPOUND. THE COMPOUND AND APPROX SHALL REQUIRE 6+ CY CUT AND 38+ CY FILL FOR A NET IMPORT OF 32+ CY FILL. APPROXIMATELY 130 CUBIC YARDS OF CRUSHED STONE SHALL BE IMPORTED TO CONSTRUCT THE COMPOUND AND ARCH AREA. THIS VOLUME IS INCLUDED IN THE CUT AND FILL VOLUMES FOR THE COMPOUND AREA.

COMPOUND AREA GRADES:
 EXISTING - 0.0%
 PROPOSED - 2.0% COMPOUND
 1% 1/8" FILL SLOPE

**TOTAL AREA OF DISTURBANCE - 11,800 ± SF
 ± 2,370 ± A**

STORMWATER VELOCITY:
 PILES TO GROUND COVER < 5.0 FT/SEC
 FOLLOWING GROUND COVER < 5.0 FT/SEC

GROUND COVER TO BE ESTABLISHED AS FOLLOWS (M.O.N):
 WITHIN MANICURED LAWN AREAS MATCH EXISTING SLOPING:
 - WHITE COVER @ 0.20% ± SF
 - TALL PEGS @ 0.20% ± SF
 - PEGS @ 0.10% ± SF

NOTE: 3 TREES WILL BE REMOVED IN CONSTRUCTING THE FACILITY



NEW SITE NAME: NEW LONDON CT-502 APT FILING NUMBER: CT-242-250	PERMITTING DOCUMENTS BATES WOODS PARK NEW LONDON, CT 06320		PARTIAL SITE PLAN APT FILING NUMBER: CT-242-250 APT DRAWING NUMBER: SP-1 DRAWN BY: JWS SCALE AS NOTED DATE: 8/17/13
	DESIGN TYPE: RAW LAND		
 MESSAGE CENTER MANAGEMENT 45 WOODLAND STREET SARITORD, CT 06185 OFFICE: (860) 973-7483	REVISIONS: REV:1: 8/9/13/13: FOR REVIEW: SMC REV:2: 8/9/13/13: FOR CSD: SMC REV:3: REV:4: REV:5:		SHEET NUMBER: SP-1
	 ALL-POINTS TECHNOLOGY CORPORATION 3 SADELAIR DRIVE WILLOUGHBY, CT 06097 PHONE: (860) 442-1847 FAX: (860) 442-8103 WWW.ALLPOINTSCT.COM		



FCC OET Bulletin 65 formula:

$$S = \frac{2.56 * 1.64 * ERP}{4 * \pi * R^2}$$

Transmission Mode	Antenna Centerline AGL (ft)	Frequency (MHz)	Number of Channels	Effective Radiated Power per Channel (Watts)	Power Density (mW/cm ²)	Standard Limits (mW/cm ²)	% MPE (Uncontrolled/General Public)
AT&T UMTS	111	850	2	500.00	0.0292	0.5667	5.15%
AT&T UMTS	111	1900	2	500.00	0.0292	1	2.92%
AT&T LTE	111	700	1	500.00	0.0146	0.4667	3.13%
Total							11.20%

Conclusion: AT&T's proposed antenna installation is calculated to be within 11.20% of FCC Standard for General Public/Uncontrolled Maximum Permissible Exposure (MPE).





DOCUMENTATION

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
1	BATES WOODS PARK PARKING LOT	SOUTHEAST	+/- 0.13 MILE	YEAR ROUND





SIMULATION

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
1	BATES WOODS PARK PARKING LOT	SOUTHEAST	+/- 0.13 MILE	YEAR ROUND





DOCUMENTATION

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
2	NEW LONDON HIGH SCHOOL PARKING LOT	SOUTHWEST	+/- 0.24 MILE	YEAR ROUND





SIMULATION

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
2	NEW LONDON HIGH SCHOOL PARKING LOT	SOUTHWEST	+/- 0.24 MILE	YEAR ROUND





DOCUMENTATION

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
5	MICHAEL ROAD	SOUTHEAST	+/- 0.32 MILE	YEAR ROUND





SIMULATION

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
5	MICHAEL ROAD	SOUTHEAST	+/- 0.32 MILE	YEAR ROUND





DOCUMENTATION

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
6	BATES STREET	SOUTHEAST	+/- 0.18 MILE	YEAR ROUND



SIMULATION

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
6	BATES STREET	SOUTHEAST	+/- 0.18 MILE	YEAR ROUND

