

STATE OF CONNECTICUT  
CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

Phone: (860) 827-2935 Fax: (860) 827-2950

E-Mail: [siting.council@ct.gov](mailto:siting.council@ct.gov)

[www.ct.gov/csc](http://www.ct.gov/csc)

October 21, 2013

Daniel M. Laub, Esq  
Cuddy & Feder LLP  
445 Hamilton Avenue, 14<sup>th</sup> Floor  
White Plains, NY 10601

RE: **DOCKET NO. 436** - Message Center Management, Inc. and New Cingular Wireless PCS, LLC Certificate of Environmental Compatibility and Public Need for the construction, maintenance, and operation of a telecommunications facility located at 465 Hills Street, East Hartford, Connecticut.

Dear Attorney Laub:

At a public meeting of the Connecticut Siting Council (Council) held on October 17, 2013, the Council considered and approved the Development and Management (D&M) Plan submitted for this project on September 18, 2013, with the condition that the applicant shall ensure compliance with all applicable noise standards at the property boundaries.

This approval applies only to the D&M Plan submitted on September 18, 2013. Any changes to the D&M Plan require advance Council notification and approval. Furthermore, the Certificate Holder is responsible for reporting requirements pursuant to Regulations of Connecticut State Agencies Section 16-50j-77.

Please be advised that changes that deviations from this plan are enforceable under the provisions of the Connecticut General Statutes § 16-50u. Enclosed is a copy of the staff report on this D&M Plan, dated October 17, 2013.

Thank you for your attention and cooperation.

Very truly yours,

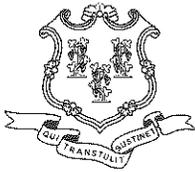
A handwritten signature in black ink that reads "Robert Stein" with the initials "RMB" written in a smaller font to the right.

Robert Stein  
Chairman

RS/MB/cm

Enclosure: Staff Report, dated October 17, 2013

c: Parties and Intervenors  
The Honorable Marcia A. Leclerc, Mayor, Town of East Hartford  
Michael J. Dayton, Town Planner, Town of East Hartford



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### Docket 436

**New Cingular Wireless PCS, LLC (AT&T)**

**465 Hills Street, East Hartford**

**Development and Management Plan**

**Staff Report**

**October 17, 2013**

On February 14, 2013, Message Center Management, Inc. (MCM) and New Cingular Wireless PCS, LLC (AT&T) collectively referred to as the Applicant (Applicant), applied to the Connecticut Siting Council (Council) for a Certificate of Environmental Compatibility and Public Need (Certificate) for the construction, maintenance, and operation of a wireless telecommunications facility to be located in the Town of East Hartford, Connecticut. On July 25, 2013, the Council issued a Certificate to MCM for the construction, maintenance and operation of a wireless telecommunications facility at 465 Hills Street in East Hartford, Connecticut. As required in the Council's Decision and Order, the Applicant submitted a Development and Management Plan (D&M Plan) for this facility on September 18, 2013.

The tower site is located on an 11.94-acre parcel owned by Henry Krause Revocable Trust (Trustee Heidi McNamar) and located off Hills Street in Roxbury. Land use abutting the site includes residential properties in all directions, including those across Hills Street to the north, with some wooded area and pasture/fields in the immediate area.

Access to the site will be provided by a 12-foot wide and approximately 324-foot long gravel drive. The access will begin at the Eagle Court cul-de-sac west of the property, immediately turn to the north, and then turn to the east to reach the compound, while approximately following the property boundaries. Utilities will be installed underground from an existing pole near the Eagle Court cul-de-sac to the equipment compound. The utilities will generally follow the path of the access drive.

Consistent with Order No. 1 of the Council's Decision and Order, MCM will construct a stealth tree monopole at this site. The monopole itself (or "tree trunk") will be painted brown and will not exceed 110 feet above ground level (agl). The top of the "tree top" will not exceed 117 feet agl. AT&T will mount 12 panel antennas on T-arms at the 100-foot level of the tower. The East Hartford Fire Department (EHFD) will install a 2-foot diameter microwave dish and an approximately 4.4-foot long whip antenna at the 110-foot level of the tower. The tree branch material will reduce the visual impact of AT&T's and EHFD's antennas.

The tower is designed in accordance with EIA/TIA-222-F structural standards and could accommodate up to three wireless carriers include AT&T. In addition, the tower is designed to be expandable up to 20 feet in height, which would allow up to two additional carriers. The tower is designed with a yield point at 56 feet agl. This is conservative given that the nearest property line is 74 feet away, so the minimum yield point height for the monopole itself would be 36 feet agl. Thus, the tower setback radius would remain well within the property boundaries.

MCM will lease a 75-foot by 75-foot area. Within this lease area, MCM will construct a 63-foot by 75-foot compound surrounded by an eight-foot shadow box fence. AT&T will install its equipment within an 11-foot 6-inch by 20-foot equipment shelter to be located in the northeast corner of the compound. AT&T will also locate a 50-kilowatt backup diesel generator on a 9-foot by 4-foot concrete pad in the eastern central portion of the compound, next to the fence. The 210-gallon fuel tank would provide approximately 48 hours of run time at full load.



The nearest wetland is located approximately 175 feet to the north of the tower location. To protect the wetlands, the Applicant will establish and maintain appropriate soil erosion and sedimentation control measures, in accordance with the *2002 Connecticut Guidelines for Soil Erosion and Sediment Control* established by the Connecticut Council for Soil and Water Conservation, throughout the construction period of the facility. Specifically, silt fence will be installed on the northern and western sides of the construction area.

The Applicant would implement its Eastern Box Turtle Protection Program (EBTPP) to protect this species in the event that any are encountered at this site. The EBTPP includes but is not limited to isolating the work zone with silt fence, contractor education regarding this species, protective measures such as searching the site for Eastern Box Turtles daily before construction, and providing a summary report to the Connecticut Department of Energy and Environmental Protection documenting the monitoring and maintenance of the barrier fence.

10 trees six inches or greater in diameter would be removed. No landscaping is proposed. The shadow box fence would largely screen the ground equipment.

The drainage design has been reviewed and stamped by a P.E.

The cumulative worst-case radio frequency power density level at the base of the tower will be 24.2 percent of the applicable standard.

The Applicant has complied with the Council's Decision and Order and with Regulations of Connecticut State Agencies Section 16-50j-76 Elements of a D&M Plan; thus staff recommends approval of the D&M Plan.