

**STATE OF CONNECTICUT  
CONNECTICUT SITING COUNCIL**

RE: APPLICATION BY T-MOBILE  
NORTHEAST, LLC FOR A  
CERTIFICATE OF ENVIRONMENTAL  
COMPATIBILITY AND PUBLIC NEED  
FOR A TELECOMMUNICATIONS FACILITY  
AT 15 ORCHARD PARK ROAD IN THE TOWN  
OF MADISON, CONNECTICUT

DOCKET NO. 390

Date: December 31, 2009

**PRE-FILED TESTIMONY OF HANS FIEDLER**

**Q1. Please state your name and profession.**

A1. Hans Fiedler and I am the 3G Project Manager for Connecticut and New England for T-Mobile Northeast, LLC ("T-Mobile"). T-Mobile has offices located at 35 Griffin Road South, Bloomfield, Connecticut, 06002.

**Q2. What kind of services does T-Mobile provide?**

A2. T-Mobile Northeast, LLC and its affiliated entities are licensed by the Federal Communications Commission to construct and operate a personal wireless services system in Connecticut.

**Q3. Please summarize your professional background in telecommunications.**

A3. I received a B.S. in Business Management from Keene State College. I have approximately 18 years of experience in the telecommunications industry. As the 3G Project Manager for Connecticut and New England for T-Mobile, I oversee the site acquisition, siting process and facility construction for T-Mobile telecommunications facilities. I have supervised over 200 projects in Connecticut and throughout New

England. Prior to joining T-Mobile, I was National Sales Manager for Message Center Management, which is a wireless tower development company.

**Q4. Why is T-Mobile proposing a telecommunications facility at 15 Orchard Park Road?**

A4. T-Mobile is a leading provider of advanced wireless voice and data services throughout the United States. T-Mobile has provided such services in Connecticut since the mid-1990s and remains actively involved in the deployment of state-of-the-art wireless services. In recent years, the public's demand for traditional cellular telephone services has evolved to include expectations of seamless service, wherever the public travels, and readily available access to the internet as well as the ability to send and receive voice, text, image and video through their wireless devices continuously. The ever increasing availability and enhanced sophistication of wireless services has led the public to use their wireless devices as their primary form of communication for both personal and business needs.

The proposed telecommunications facility at 15 Orchard Park Road (the "Facility") would be an integral component of T-Mobile's network. The Facility is necessary to enhance wireless service availability to existing and future T-Mobile wireless device users. Enhanced coverage provided by the Facility will allow T-Mobile subscribers to use voice and data services reliably as well as to connect to Emergency 911 services. The intended coverage area of the Facility includes Route 1, Neck Road, Mungertown Road and Interstate 95 in Madison, as well as the Amtrak Rail Line that passes through this area. Additionally, the proposed Facility will provide capacity relief for the current sites that presently cover this area from outer lying areas.

**Q5. Has T-Mobile engaged in an interactive process with the Town of Madison regarding the proposed Facility?**

A5. Yes, T-Mobile has engaged the Town of Madison ("Town") in an interactive process in an effort to best balance the need for telecommunications services in the Town against the possible environmental impacts. On May 28, 2009, T-Mobile submitted a technical report to the First Selectman regarding the Facility, a copy of which is included in the bulk filing accompanying the Application, which includes specifics about the Property, the Facility, the site selection process and the environmental effects, if any, of the proposed Facility.

Additionally, on July 11, 2009, T-Mobile directed Vanasse Hangen Brustlin, Inc. ("VHB") to conduct a balloon float at the request of the Town. This balloon float was in addition to the one performed by VHB earlier in the month to assess the potential visual impact of the proposed Facility. The Town issued a public notice of the second balloon float so that those interested in the Facility could attend and obtain information.

T-Mobile also met with the Conservation Commission on July 27, 2009, and provided that Commission with materials regarding the proposed Facility. On August 6, 2009, T-Mobile also appeared before the Planning & Zoning Commission ("PCZ"), submitted written materials for the PCZ's review, and responded to questions from the PCZ regarding the Facility.

The PCZ issued a letter with its comments on August 14, 2009. T-Mobile delayed filing this Application until it could fully evaluate the PCZ's comments, which included an inquiry as to whether the Sunshine House, a charitable organization which owns the adjacent parcel, was interested in a facility on its property. The Sunshine House elected to forego an arrangement with T-Mobile, and the other sites suggested

by the PZC are not viable alternatives. T-Mobile responded to the PZC's August 14, 2009 letter with a detailed letter of its own on September 28, 2009, which is attached to the Application as Exhibit Q.

**Q6. Did T-Mobile address the Town's question as to whether a facility could be located at the Sunshine House?**

A6. Yes, T-Mobile investigated whether it could locate a telecommunications facility on the property owned by the Sunshine House on Fort Path Road. T-Mobile engaged in discussions with Amy Kuhner, the Executive Director of the Sunshine House, and provided requested information. Ms. Kuhner reported back that she circulated the information to the Sunshine House Board and it decided not to pursue a lease with T-Mobile for a tower on its property.

**Q7. Did T-Mobile address the Town's question as to whether a facility could be located on Town property located on Nathan's Lane?**

A7. Yes, T-Mobile investigated whether it could locate a telecommunications facility on the property owned by the Town on Nathan's Lane. Following the PZC meeting, T-Mobile analyzed this property. T-Mobile's radio frequency ("RF") engineer determined that this candidate is located too far to the west of the coverage objective for the proposed facility. The coverage from this candidate provides approximately 50 percent redundant coverage with T-Mobile's on air site CT11028A, located at 119 Tanner Marsh Road in Guilford. As such, even with a site at Nathan's Lane, the proposed Facility would still be needed to satisfy T-Mobile's coverage objectives in this area. Accordingly, this suggested site is untenable.

**Q8. Did T-Mobile address the Town's question as to whether a facility could be located at the Bus Fueling Yard off of Fort Path Road?**

A8. Yes, T-Mobile investigated whether it could locate a telecommunications facility at the Bus Fueling Yard off of Fort Path Road). T-Mobile also explored the suitability of a facility at this location. This location, however, is adjacent to T-Mobile's on air site CT11167A, a monopole located at 8 Old Route 79 in Madison, Connecticut. T-Mobile is located at 120 feet on this 148 foot tower. The majority of coverage potential from this candidate is redundant coverage with T-Mobile's existing on air coverage footprint and would not be considered an appropriate candidate for the search ring at issue with the proposed Facility.

**Q9. Did T-Mobile address the Town's question as to whether the proposed Facility could be seen from the Madison Historic District?**

A9. Yes, T-Mobile confirmed that the proposed Facility would not be visible from the Madison Historic District.

**Q10. Since filing the Application, has T-Mobile performed any additional research to address the Town's questions?**

A10. Yes, T-Mobile has since obtained a geo-technical report to determine whether the property located at 15 Orchard Park Road (the "Property") could support a facility greater than the proposed height of 100 feet. A copy of the report is appended to Scott Chasse's pre-filed testimony as Attachment A.

T-Mobile also directed VHB to perform additional in-field reconnaissance to assess further the potential visual impact of the Proposed Facility on the surrounding area. This reconnaissance included those properties along Route 1, Johnson Lane and

the immediate area near the proposed Facility. VHB conducted this additional reconnaissance on December 14, 2009, and was able to assess the visual impact of the Facility during leaf-off conditions. This information is appended to T-Mobile's responses to the Connecticut Siting Council's second set of interrogatories as Attachment A.

**Q11. Has T-Mobile conducted any visibility analysis of a facility at heights greater than the proposed 100 feet?**

A11. Yes, T-Mobile directed VHB to assess the visual impact of the Facility at a height greater than the proposed 100 feet. VHB assessed the potential views of the Facility at heights of 120 and 140 feet. This information is appended to T-Mobile's responses to the Connecticut Siting Council's second set of interrogatories as Attachment A.

Hans Fielder  
Hans Fielder

Sworn and subscribed to before me this  
31<sup>st</sup> day of December, 2009.

Karen M. Bartholomew

Notary Public  
My Commission expires

KAREN M. BARTHOLOMEW  
NOTARY PUBLIC  
MY COMMISSION EXPIRES 12/31/2013