

STATE OF CONNECTICUT  
CONNECTICUT SITING COUNCIL

RECEIVED  
JUN 11 2010

IN RE:

APPLICATION OF T-MOBILE NORTHEAST,  
LLC FOR A CERTIFICATE OF  
ENVIRONMENTAL COMPATIBILITY AND  
PUBLIC NEED FOR THE CONSTRUCTION,  
MAINTENANCE AND OPERATION OF A  
TELECOMMUNICATIONS FACILITY AT  
208 VALLEY ROAD, NEW CANAAN,  
CONNECTICUT

CONNECTICUT  
SITING COUNCIL  
DOCKET NO. 401

JUNE 11, 2010

SITE JUSTIFICATION STATEMENT

On June 11, 2010, Cellco Partnership d/b/a Verizon Wireless (“Cellco”) filed a Petition to Intervene (“Petition”) with the Connecticut Siting Council (“Council”) in Docket No. 401. In anticipation of the Council granting it intervenor status, Cellco submits the following information regarding its shared use of the proposed telecommunications facility.

T-Mobile Northeast LLC Application

On April 5, 2010, T-Mobile Northeast LLC (“T-Mobile”) filed an application with the Council for a Certificate of Environmental Compatability and Public Need for the installation of a telecommunications facility at 208 Valley Road, New Canaan, Connecticut. The T-Mobile facility would consist of a 120 foot monopole tower and related ground mounted equipment within a 1,250 square foot leased area (the “Facility”). T-Mobile’s antennas would be concealed with the monopole structure behind RF transparent panels at the 117’ and 107’ levels. The Facility is located in the northerly portion of a 42 acre parcel owned by Silver Hill Hospital, Inc.

## The Intervenor

Cellco is a Delaware partnership with an administrative office located at 99 East River Drive, East Hartford, CT 06108. Cellco is licensed by the Federal Communications Commission (“FCC”) to operate a wireless telecommunications system in the State of Connecticut within the meaning of C.G.S. § 16-50i(a)(6). Cellco’s licenses permit it to operate its network in the cellular (850 MHz), LTE (700 MHz) and PCS (1900MHz) frequency ranges.<sup>1</sup> Operation of its wireless telecommunication systems and related activities are Cellco’s sole business in the State of Connecticut.

Correspondence and/or communications regarding this matter may be addressed to Alexandria M. Carter, Regulatory Manager, Verizon Wireless, 99 East River Drive, East Hartford, 06108. Copies of all such correspondence should also be sent to Cellco’s attorneys:

Robinson & Cole LLP  
280 Trumbull Street  
Hartford, CT 06103-3597  
Attn: Kenneth C. Baldwin, Esq.

## Cellco’s Need

Cellco’s network currently provides coverage in New Canaan and the surrounding areas from its existing New Canaan cell site, an existing roof-top installation at 39 Locust Street in New Canaan, New Canaan South cell site, a water tank installation in Waveny Park in New Canaan, North Norwalk cell site, a water tank installation at 173 West Rocks Road in Norwalk, Wilton 2 cell site, a roof-top flagpole installation at 50 Danbury Road (Route 7) in Wilton and Wilton DB cell site, a roof-top installation at 187 Danbury Road (Route 7) in Wilton. Even with these existing facilities, Cellco experiences significant coverage problems in central New

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<sup>1</sup> Cellco has designed and begun to deploy its LTE network in Fairfield County. Cellco expects to commence operation of its LTE network in Fairfield County in 2011.

Canaan, particularly along Route 106 and local roads in the area. Plots showing Cellco's existing cellular, proposed LTE and existing PCS coverage alone and together with coverage at each frequency from the proposed Facility are included behind Tab 1.

#### Cellco's Cell Site Equipment

At the Facility, Cellco intends to install a total of six (6) antennas (three (3) cellular and three (3) LTE) at a center line height of 97 feet above ground level ("AGL").<sup>2</sup> This configuration allows Cellco to install its antennas at one level, keeping the 87-foot level available for future co-location by a third wireless carrier. To accommodate Cellco's antennas, the diameter of the proposed monopole will need to increase from approximately 30", as proposed in the application, to approximately 54". At the base of the tower, within the T-Mobile leased area, Cellco will install a 12' x 24' shelter to house radio equipment and an emergency back-up (diesel) generator. A revised "Compound Plan and Elevation" drawing is attached behind Tab 2.

#### Visibility

Cellco's shared use of the proposed Silver Hill Facility tower will not require an increase in structure height and will not, therefore, result in an increase in the overall visibility of the monopole beyond that described in the *Visual Resource Evaluation Report* included in the application. The visual impact of increasing the diameter of the proposed monopole is insignificant. Attached behind Tab 3 is a brief technical memo discussing the visibility of the larger diameter monopole and several photo simulations showing the larger structure.

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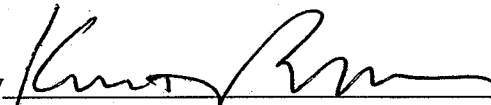
<sup>2</sup> Cellco's Silver Hill facility will initially provide service at cellular and LTE frequencies only. If capacity needs in the area increase in the future, this site would be modified to provide PCS service.

Notice

Copies of this Site Justification Statement have been provided to T-Mobile and the First Selectmen of the Town of New Canaan and the First Selectman of the Town of Wilton. As indicated in the T-Mobile application, the Town of Wilton is located within 2500 feet of the proposed Facility.

Respectfully submitted,

CELLCO PARTNERSHIP d/b/a VERIZON  
WIRELESS

By 

Kenneth C. Baldwin, Esq.  
Robinson & Cole LLP  
280 Trumbull Street  
Hartford, CT 06103-3597  
(860) 275-8200  
Its Attorneys

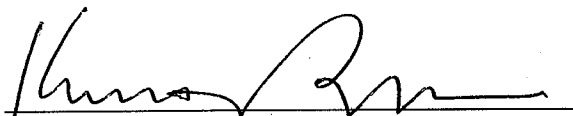
CERTIFICATE OF SERVICE

I hereby certify that on the 11<sup>th</sup> day of June, 2010, a copy of the foregoing was sent,  
postage prepaid, to:

Julie Donaldson Kohler, Esq.  
Jesse A. Langer, Esq.  
Cohen and Wolf, P.C.  
1115 Broad Street  
P.O. Box 1821  
Bridgeport, CT 06604-4247

Jeb Walker, First Selectman  
Town of New Canaan  
Town Hall  
77 Main Street  
New Canaan, CT 06840

William F. Brennan, First Selectman  
Town of Wilton  
Town Hall  
238 Danbury Road  
Wilton, CT 06897

  
Kenneth C. Baldwin