

STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

IN RE: :
: :
APPLICATION OF CELLCO PARTNERSHIP : DOCKET NO. 415
D/B/A VERIZON WIRELESS FOR A :
CERTIFICATE OF ENVIRONMENTAL :
COMPATIBILITY AND PUBLIC NEED FOR :
THE CONSTRUCTION, MAINTENANCE :
AND OPERATION OF A WIRELESS :
TELECOMMUNICATIONS FACILITY AT 87 :
WEST QUASSET ROAD, WOODSTOCK, :
CONNECTICUT : APRIL 13, 2011

RESPONSES OF CELLCO PARTNERSHIP d/b/a VERIZON WIRELESS
TO CONNECTICUT SITING COUNCIL PRE-HEARING INTERROGATORIES

On March 21, 2011, the Connecticut Siting Council (“Council”) issued Pre-Hearing Interrogatories to Cellco Partnership d/b/a Verizon Wireless (“Cellco”), relating to the above-captioned docket. Below are Cellco’s responses.

Question No. 1

During the past five years, how many applications were submitted to the Woodstock Planning and Zoning Commission? How many of these applications were approved?

Response

This question was withdrawn by the Council.

Question No. 2

During the past five years, how many permit applications were submitted to the Woodstock Inland Wetland and Watercourse Agency? How many of these applications were approved?

Response

This question was withdrawn by the Council.

Question No. 3

Did Cellco receive return receipts for all adjacent landowners listed in Application Attachment 4? If not, describe any additional effort to serve notice.

Response

Cellco received return receipts from all but one (1) of the abutting property owners. The original notice to Sharon S. Anderson was returned marked “unclaimed or otherwise undeliverable”. A second notice letter was sent to Ms. Anderson on March 23, 2011 by regular mail.

Question No. 4

Would blasting be required for the construction of the proposed site? Provide estimates of cut and fill.

Response

Cellco does not anticipate the need for blasting to develop the cell site. A more thorough geotechnical survey of the project site would be completed if the relocated Woodstock Facility is approved by the Council. The geotechnical survey would be provided to the Council as a part of Cellco’s Development and Management (“D&M”) Plan. Cellco estimates the need for 510 cubic yards of cut and 93 cubic yards of fill to construct the proposed North Bloomfield Facility.

Question No. 5

What is Cellco’s minimum signal level threshold for in-building and in-vehicle use?

Response

Cellco's network design threshold is -85 dBm for reliable in-vehicle service and -75 dBm for reliable in-building service. Cellco's design coverage threshold (-85 dBm) is the same for all of its operating frequencies.

Question No. 6

What is the current signal strength in the proposed service area?

Response

As discussed in the Application, Cellco currently provides reliable wireless service in southeast Woodstock from its existing Woodstock Facility, but only at cellular frequencies. The existing Woodstock Facility is Cellco's only remaining "un-sectorized" cell site in the State of Connecticut. Cellco's existing signal strength in the area, at PCS (1900 MHz) frequencies, ranges from between -86 dBm to -105 dBm.

Question No. 7

Provide a coverage plot, using the scale and thresholds in Application Attachment 6, that depict coverage from existing/approved Cellco sites and the proposed tower at a height of 130 feet (Cellular and PCS).

Response

Plots showing coverage from Cellco's cellular and PCS antennas on the proposed Woodstock Facility tower at a height of 130' are included in Attachment 1. At cellular frequencies, the 20' drop in antenna centerline height results in gaps opening up along portions of Route 169 and a reduction in the overall coverage footprint at the site from 14.8 to 14.1 square miles. At PCS frequencies, the 20' drop in antenna centerline height results in gaps opening