

STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

IN RE: :
: :
APPLICATION OF CELLCO PARTNERSHIP : DOCKET NO. 350
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 IN THE : :
TOWN OF WOODSTOCK, CONNECTICUT : JANUARY 8, 2008

RESPONSES OF CELLCO PARTNERSHIP D/B/A VERIZON WIRELESS TO
CONNECTICUT SITING COUNCIL PRE-HEARING INTERROGATORIES

On December 18, 2007, the Connecticut Siting Council (“Council”) issued Pre-Hearing Interrogatories to the Applicant, Cellco Partnership d/b/a Verizon Wireless (“Cellco”), relating to the above-captioned docket. Below are the Cellco’s responses.

Question No. 1

What were the results of Cellco Partnership d/b/a Verizon Wireless’ (Verizon Wireless) notice to abutting property owners? Did Verizon Wireless receive certified mail receipts from all abutters? If not, how many receipts were not returned? Did Verizon Wireless make any additional attempts to notify property owners from whom it might not have received return receipts?

Response

Cellco received certified mail receipts back from all but one abutting landowner. The notice to Susan Waterhouse, 869 Route 198 in Woodstock, was returned marked “unclaimed”. Notice to Ms. Waterhouse was resent by regular mail.

Question No. 2

What is Verizon Wireless' existing signal strength in the area that would be covered by this facility?

Response

Cellco's existing wireless signal strength in the northwest area of Woodstock ranges between -86 dBm and -115 dBm in the area that would be covered by the proposed facility.

Question No. 3

What is the minimum signal level Verizon Wireless would consider acceptable for service in the vicinity of the proposed site?

Response

Cellco's minimum signal threshold is -85 dBm.

Question No. 4

What is the minimum signal level that Verizon Wireless requires in order to provide adequate in-vehicle coverage? What is the minimum signal level that Verizon Wireless requires in order to provide adequate in-building coverage?

Response

Cellco's signal coverage threshold is -85 dBm for in-vehicle coverage and -75 dBm for in-building coverage.

Question No. 5

Provide a topographical map identifying the "site search ring" and the scale. When was the search ring initiated?

Response

Cellco established the Woodstock NW search area in September of 2006. A copy of the search ring map is included behind Tab 1.

Question No. 6

Identify the distance, direction, structure heights, antenna heights, and addresses of adjacent facilities with which the proposed facility would hand off traffic.

Response

Cellco's Woodstock NW facility will interact with Cellco's existing Union West facility located approximately 4.1 miles to the northwest; the proposed Woodstock North facility located approximately 2.4 miles to the north; and existing Woodstock/Coatney Hill Road facility located approximately 3.3 miles to the east.

Question No. 7

On Tab 7 of Verizon Wireless' Application for a Certificate of Environmental Compatibility and Public Need (Application), coverage plots are provided to show the existing coverage and the coverage with the proposed antennas centered at 137'. Provide cellular and PCS coverage plots (using the same scale provided) assuming the antennas are located at 127' and 117', respectively.

Response

Coverage plots requested are included behind Tab 2. Coverage at the various heights is quantified in the table below.

<u>Proposed Coverage at 137'</u>	<u>Cellular</u>	<u>PCS</u>
Route 198	3.3 miles	2.4 miles
Route 197	4.7 miles	2.8 miles
Route 171	2.5 miles	0 miles
Overall	10.2 square miles	3.5 square miles

<u>Proposed Coverage at 127'</u>	<u>Cellular</u>	<u>PCS</u>
Route 198	2.74 miles	2.32 miles
Route 197	4.26 miles	2.56 miles
Route 171	2.17 miles	0 miles
Overall	8.9 square miles	2.62 square miles

<u>Proposed Coverage at 117'</u>	<u>Cellular</u>	<u>PCS</u>
Route 198	2.66 miles	2.1 miles
Route 197	3.89 miles	2.16 miles
Route 171	1.9 miles	0 miles
Overall	8.1 square miles	2.3 square miles

Question No. 8

Approximately how long (in miles) are the existing cellular and PCS coverage gaps on Route 198, Route 197, and Route 171?