

STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

IN RE: :
: :
APPLICATION OF CELLCO PARTNERSHIP : DOCKET NO. 403
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 :
174 SOUTH GRAND STREET, SUFFIELD, :
CONNECTICUT : AUGUST 25, 2010

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

On July 30, 2010, the Connecticut Siting Council (“Council”) issued Pre-Hearing Interrogatories, Set One to Applicant, Cellco Partnership d/b/a Verizon Wireless (“Cellco”), relating to the above-captioned docket. Below are Cellco’s responses.

Question No. 1

What frequencies is Cellco licensed to use in Hartford County?

Response

Cellco is licensed to operate in the 850 MHz, 1900 MHz and 700 MHz frequency ranges throughout the State of Connecticut.

Question No. 2

Would Cellco’s antennas comply with E911 requirements?

Response

Yes.

Question No. 3

Identify distances and directions to the adjacent sites with which the proposed site would hand off signals? Include addresses of these sites.

Response

The proposed Suffield SW Facility will interact with Cellco's existing Suffield cell site at 44 Fyler Place in Suffield, located approximately 2.3 miles to the east; Suffield South cell site at 55 King Spring Road in Windsor Locks, located approximately 3.5 miles to the southeast; East Granby cell site at 116 Newgate Road in East Granby, located approximately 2.5 miles southwest; Suffield West cell site at 2715 Mountain Road, located approximately 2.2 miles to the west; Agawam 3 cell site at 850 South Westfield Road in Agawam, Massachusetts, located approximately 3.8 miles north; and, Suffield NE cell site at 639 North Street in Suffield, located 2.8 miles northeast.

Question No. 4

Provide the following information: number of channels per sector for each antenna system that would be installed on the proposed tower, ERP per channel for each antenna system, and frequency at which each antenna system would operate.

Response

PCS Antennas

Alpha Sector – 120 ft.

Antenna Type: LPA –
185080/12CF (2)

Frequency: Tx: 1965-
1980,1945-1950 MHz; Rx:
1885-1900,1865-1870 MHz

Beta Sector – 120 ft.

Antenna Type: LPA –
185080/12CF (2)

Frequency: Tx: 1965-
1980,1945-1950 MHz; Rx:
1885-1900,1865-1870 MHz

Gamma Sector – 120 ft.

Antenna Type: LPA –
185080/12CF (2)

Frequency: Tx: 1965-
1980,1945-1950 MHz; Rx:
1885-1900,1865-1870 MHz

Alpha Sector – 120 ft.

No. Channels: 3

ERP/Channel: 526.16 W Max

Beta Sector – 120 ft.

No. Channels: 3

ERP/Channel: 526.16 W Max

Gamma Sector – 120 ft.

No. Channels: 3

ERP/Channel: 631.56 W Max

Cellular Antennas

Alpha Sector – 120 ft.

Antenna Type: LPA-80063/6CF (2)

Frequency: Tx: 869-880,890-891.5 MHz; Rx: 824-835, 845-846.5 MHz

No. Channels: 9

ERP/Channel: 425.62 W Max

Beta Sector – 120 ft.

Antenna Type: LPA-80063/6CF (2)

Frequency: Tx: 869-880,890-891.5 MHz; Rx: 824-835, 845-846.5 MHz

No. Channels: 9

ERP/Channel: 379.34 W Max

Gamma Sector – 120 ft.

Antenna Type: LPA-80063/6CF (2)

Frequency: Tx: 869-880,890-891.5 MHz; Rx: 824-835, 845-846.5 MHz

No. Channels: 9

ERP/Channel: 425.62 W Max

LTE Antennas

Alpha Sector – 120 ft.

Antenna Type: LNX-8511DS-4TM_4 (1)

Frequency: Tx:746 – 757 MHz; Rx: 776-787 MHz

No. Channels: 1

ERP/Channel: 372.31 W Max

Beta Sector – 120 ft.

Antenna Type: LNX-8511DS-4TM_4 (1)

Frequency: Tx:746 – 757 MHz; Rx: 776-787 MHz

No. Channels: 1

ERP/Channel: 372.31 W Max

Gamma Sector – 120 ft.

Antenna Type: LNX-8511DS-4TM_4 (1)

Frequency: Tx:746 – 757 MHz; Rx: 776-787 MHz

No. Channels: 1

ERP/Channel: 372.31 W Max

Specifications for all but one of the antennas listed above are included behind Tab 7 of the Application. A copy of the Model 80063/6CF antenna specification is attached behind Tab 1 of these responses.