

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This question was withdrawn by the Council.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This question was withdrawn by the Council.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

along portions of Route 171 and Route 169 and a reduction in the overall coverage footprint at the site from 7.5 to 7.2 square miles.

Question No. 8

Is the site within the *Quinebaug-Shetucket Rivers National Heritage Corridor*? If so, describe the impact of the proposed facility on resources within the heritage area.

Response

Yes, the host property is located within the Quinebaug and Shetucket Rivers Valley National Heritage Corridor (“Corridor”). Based on the relatively small physical scale of the project area and associated limited visibility of the proposed tower, the relocated Woodstock Facility will not have a negative impact on resources within the Corridor.

By way of background, the Quinebaug and Shetucket Rivers Valley National Heritage Corridor is a 1,085-square mile area located in northeastern Connecticut and south-central Massachusetts defined by the Quinebaug and Shetucket Rivers systems and surrounding hills. The Corridor is known for its high concentration of State Parks, State Forests and other reserves such as the Yale Forest and the Norcross Wildlife Sanctuary. Of the 600,000 acres in the Corridor, more than 100,000 are Public/Reserved lands. The National Heritage Corridor was designated as such in 1994 by the U.S. Congress, which recognized the region as possessing significant natural and cultural resources. Congress enlarged the Corridor to include 35 Quinebaug and Shetucket River Valley towns in both Connecticut and Massachusetts. The 26 Connecticut municipalities included in the Corridor are: Ashford, Brooklyn, Canterbury, Chaplin, Coventry, Eastford, Franklin, Griswold, Hampton, Killingly, Lebanon, Lisbon, Mansfield, Norwich, Plainfield, Pomfret, Preston, Putnam, Scotland, Sprague, Sterling, Thompson, Union, Voluntown, Windham and Woodstock.

According to the Siting Council's telecommunications databases, there are at least 100 towers located in the 26 Connecticut communities within the National Heritage Corridor, including those used for emergency service providers, radio and television broadcasts, private dispatch, and wireless telecommunications. In the Town of Woodstock, there are at least five existing facilities of this nature. See The Last Green Valley map included in Attachment 2 of these responses.

Question No. 9

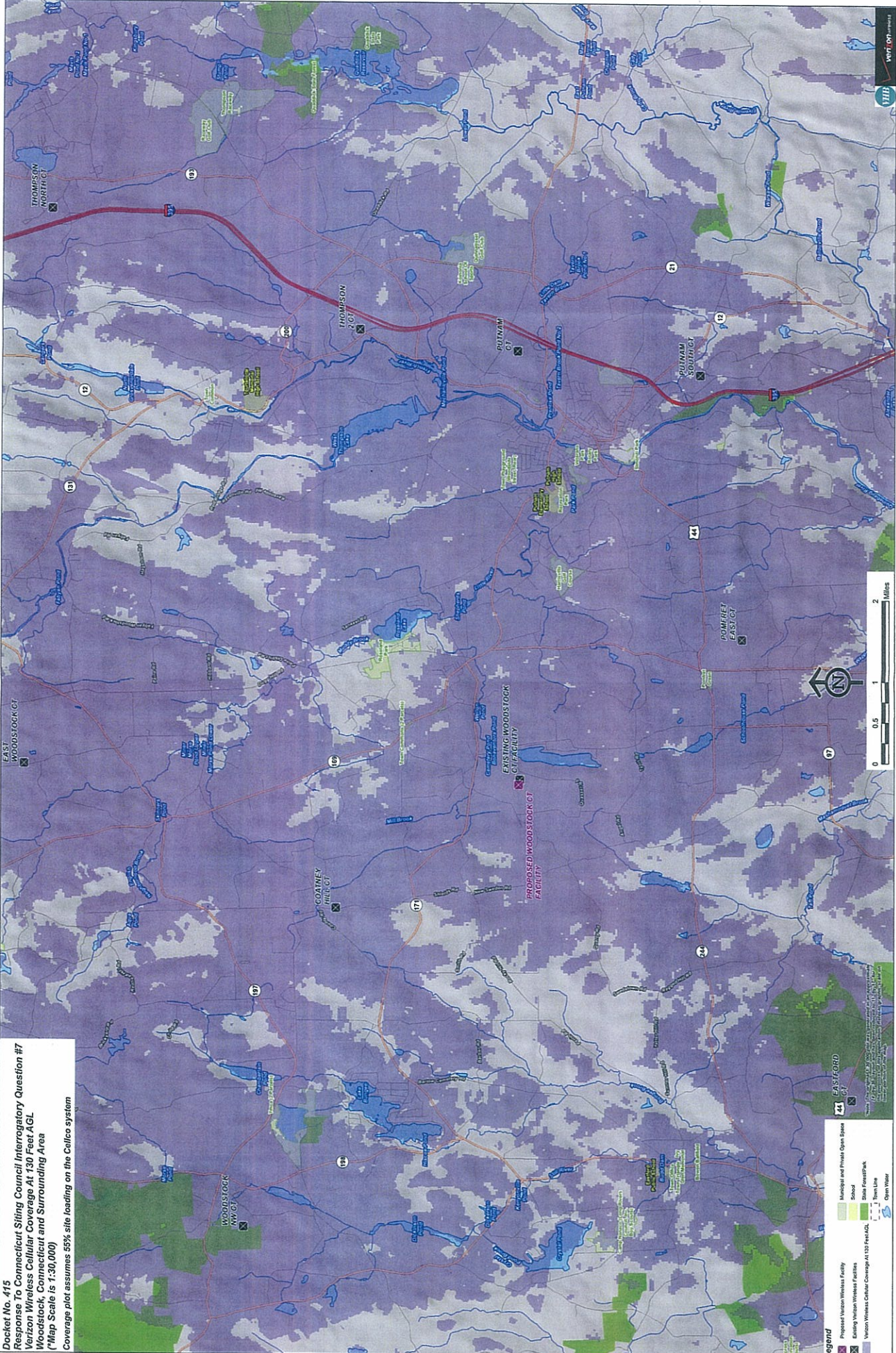
Would the existing ATC tower be removed from the property if the proposed site was approved? If so, what entity would remove the ATC tower?

Response

Cellco contacted American Tower Corporation ("ATC") representatives and asked if ATC intended to remove the existing tower if the Docket No. 415 application were approved by the Council. As of the date of this filing, ATC has not determined whether it will remove the existing tower or not.

TAB 1

Docket No. 415
 Response To Connecticut Siting Council Interrogatory Question #7
 Verizon Wireless Cellular Coverage At 130 Feet AGL
 Woodstock, Connecticut and Surrounding Area
 (*Map Scale Is 1:30,000)
 Coverage plot assumes 55% site loading on the Calico system



Legend

- Proposed Verizon Wireless Facility
- Existing Verizon Wireless Facilities
- Municipal and Private Open Space
- School
- State Road/Highway
- Term Line
- Open Water

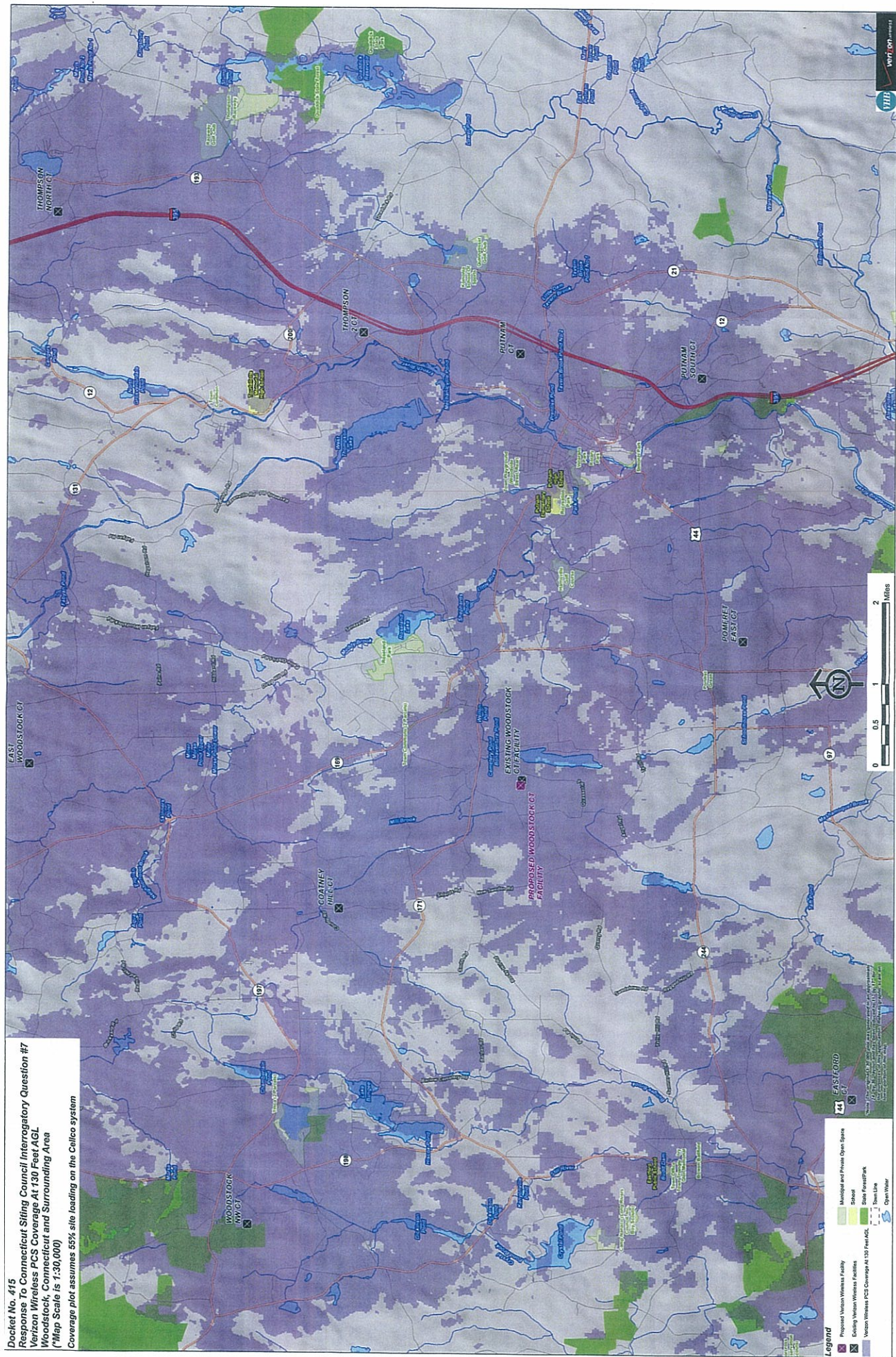
0 0.5 1 2 Miles



Verizon Wireless
 130 Feet AGL
 Cellular Coverage
 Woodstock, Connecticut
 and Surrounding Area

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Docket No. 415
 Response to Connecticut Siting Council Interrogatory Question #7
 Verizon Wireless PCS Coverage At 130 Feet AGL
 Woodstock, Connecticut and Surrounding Area
 (*Map Scale IS 1:30,000)
 Coverage plot assumes 55% site loading on the Celco system

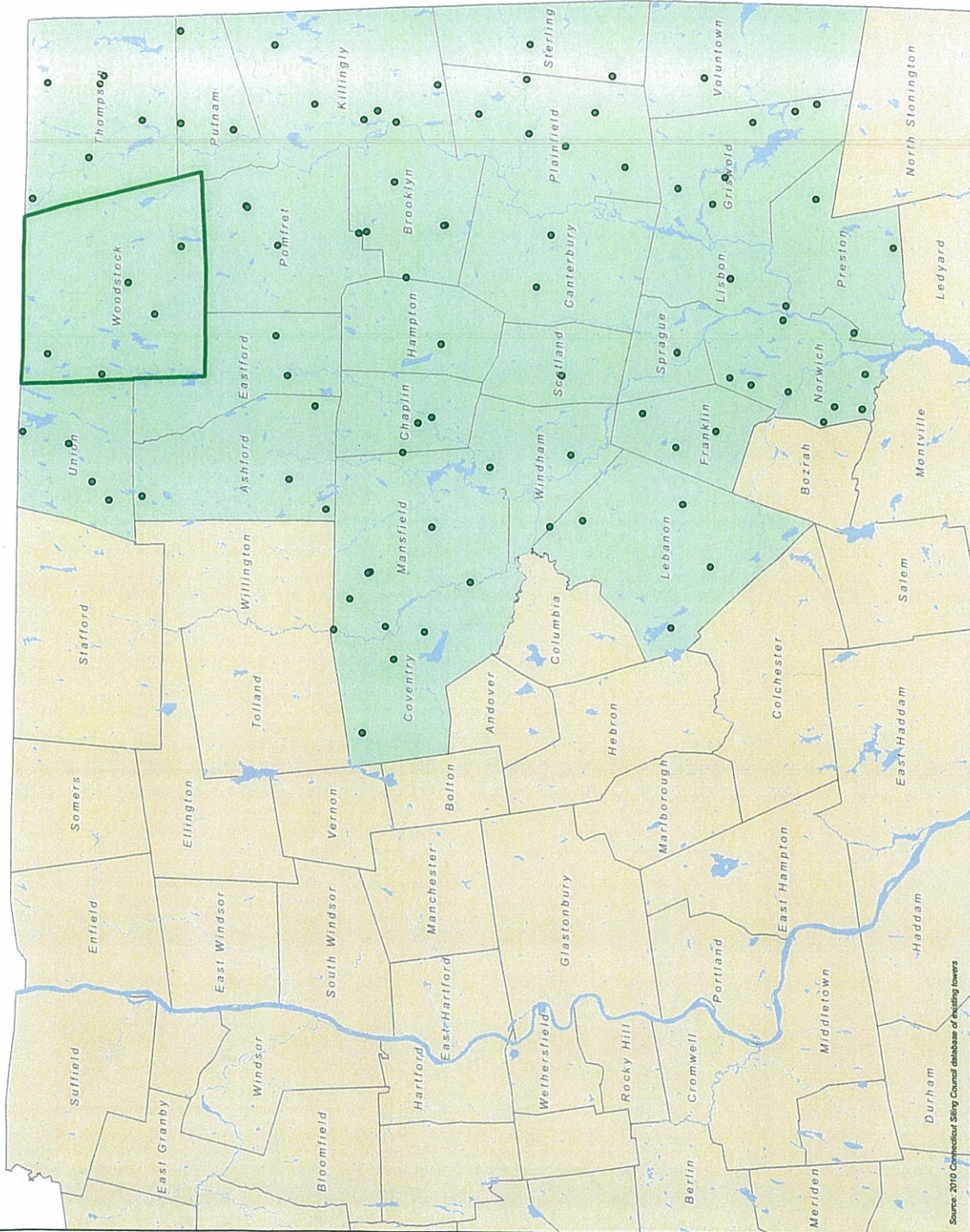


Legend

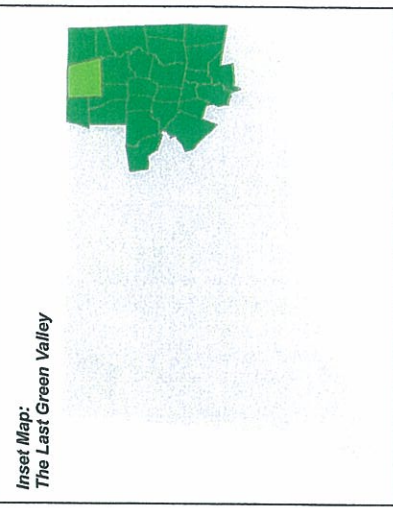
- Proposed Verizon Wireless Facility
- Municipal and Private Open Space
- School
- Existing Verizon Wireless Facilities
- State Forest/Park
- Verizon Wireless PCS Coverage At 130 Feet AGL
- Town Line
- Open Water



TAB 2



TOWN	NUMBER OF TOWERS
Ashford	4
Brooklyn	7
Canterbury	2
Chaplin	3
Coventry	4
Eastford	2
Franklin	3
Griswold	6
Hampton	1
Killingly	5
Lebanon	4
Union	3
Mansfield	8
Norwich	9
Plainfield	7
Pomfret	3
Preston	2
Putnam	3
Scotland	1
Sprague	1
Sterling	2
Thompson	6
Union	4
Voluntown	2
Windham	3
Woodstock	5
TOTAL:	100



Legend

- Existing Towers (Connecticut Siting Council Database)
- Woodstock Town Line
- Towns Within Last Green Valley
- Connecticut Towns
- Open Water



Existing Towers Within The Last Green Valley

Source: 2010 Connecticut Siting Council database of existing towers