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Also admitted in District of
Columbia and Massachusetts

Via Hand Delivery

September 14, 2007

Kathleen A. Eagen
Town Manager
Town of Farmington
1 Monteith Drive
Farmington, CT 06032

Re: **Submission of Technical Information Concerning Proposal to Construct a
Wireless Telecommunications Facility in the Town of Farmington, Connecticut**

Dear Ms. Eagen:

This firm represents Cellco Partnership d/b/a Verizon Wireless ("Cellco") in its proposal to construct a telecommunications facility ("Facility") on property located at 199 Town Farm Road, Farmington, Connecticut ("Property") and owned by the Town of Farmington ("Town"). This technical report is submitted pursuant to Connecticut General Statutes section 16-50l(e), which establishes local input requirements for the siting of any facility under the jurisdiction of the Connecticut Siting Council (the "Council").

Connecticut General Statutes section 16-50l(e) requires the submission of technical information to the municipality where a proposed facility will be located and any adjacent municipality within 2,500 feet of the proposed facility location. Since the Town of Avon is located within 2,500 feet of the Property, a copy of this report will also be forwarded to Avon Town Manager, Philip K. Schenck, Jr.

Correspondence and/or communications regarding the information contained in this report should be addressed to:

Ms. Sandy Carter, Regulatory Manager
Verizon Wireless
99 East River Drive
East Hartford, CT 06108



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A copy of all such correspondence or communications should also be sent to Cellco's attorneys:

Joey Lee Miranda, Esq.
Robinson & Cole LLP
280 Trumbull Street
Hartford, CT 06103-3597

Cellco intends to submit an application to the Council requesting a Certificate of Environmental Compatibility and Public Need ("Certificate") for the construction, maintenance and operation of a wireless telecommunications facility at the Property. Cellco's site name for the proposed Facility is "Farmington N 2." Cellco's proposed Farmington N 2 Facility would provide for much needed coverage in the northeasterly portion of the Town particularly along the heavily-traveled Route 10, as well as local roads in the area. Cellco currently experiences a significant gap in coverage between its existing Avon, Avon 2, Talcott Mountain, Talcott 2, Unionville, Farmington 3, New Britain 5 and Farmington N cell sites. Coverage plots showing existing cellular and PCS coverage in the area and proposed cellular and PCS coverage from the Farmington N 2 Facility are included in Attachment 1.

Cell Site Information

The Farmington N 2 site ("Site") is located on a 9.9 acre Town owned parcel known as the Simmons Family Farm located at 199 Town Farm Road in Farmington. The Site lies in the Town's R-80 residential zone district.

At the Site, Cellco would construct a 110-foot telecommunications tower within a fenced compound. At the Town's request, Cellco proposes to construct a stealth tower, disguised as a pine (a "monopine tower"). However, the ultimate tower design rests with the Council. If a monopine design is approved by the Council, simulated branches will extend an additional seven feet above the top of the tower to an overall height of 117 feet above ground level ("AGL").

Cellco would install a total of twelve (12) panel-type antennas (six cellular and six PCS) at the top of the tower. Equipment associated with the antennas and a diesel-fueled back-up generator would be located in a 12' x 30' shelter located near the base of the tower. All improvements associated with the Site would be located within a 100' x 100' leased area in the western portion of the Town's 9.9 acre parcel. Access to the Site would extend directly from Town Farm Road over a new gravel driveway



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a distance of approximately 580 feet to the Site compound. Both the tower and leased area are designed to accommodate multiple carriers. Project plans for the Site are included in Attachment 2.

Connecticut Siting Council

Municipal jurisdiction over the siting of the proposed telecommunications facility described in this report is pre-empted by provisions of the Public Utilities Environmental Standards Act ("PUESA"), Conn. Gen. Stat. § 16-50g *et seq.* The PUESA gives exclusive jurisdiction over the location, type and modification of telecommunications towers, to the Council. *See* Conn. Gen. Stat. § 16-50x(a); 16-50i(a)(6). Accordingly, the Facility described in this report is exempt from the Town's land use regulations, which may ordinarily apply to this type of site development. However, pursuant to section 16-50j(e) of the General Statutes, Town officials are entitled to receive technical information regarding the proposal at least sixty (60) days prior to the filing of an application with the Council. This technical information is provided to the Town in accordance with this provision.

Pursuant to section 16-50j(e) of the General Statutes, Cellco must provide a summary of the Town's comments and recommendations, if any, to the Council within fifteen (15) days of the filing of an application. Upon receipt of an application, the Council will assign a docket number and set a hearing date. At that time, the Town may choose to become an intervenor or party in the proceeding. Other procedures followed by the Council include serving the applicant and other participants with interrogatories, holding a pre-hearing conference and conducting a public hearing. The public hearing would be held at a location in the Town. Following the public hearing, the Council will issue findings of fact, an opinion and a decision and order. Prior to construction, the Council will also require Cellco to submit a development and management plan ("D&M Plan") which is, in essence, a final site plan showing the details of the Site development. These procedures are also outside the scope of the Town's jurisdiction and are governed by the Connecticut General Statutes, the Regulations of Connecticut State Agencies and the Council's Rules of Practice. If the Council approves the Facility described in this report, Cellco will submit to the Town's Building Official an application for approval of a local building permit. Under section 16-50x of the General Statutes, which provides for the exclusive jurisdiction of the Council, the building official must honor the Council's decision.



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Public Need

The primary purpose for the Farmington N 2 facility described above is to provide coverage in the northeasterly portion of the Town, along significant portions of Route 10, as well as local roads in the area. As depicted on the coverage maps included in Attachment 1, Cellco cannot currently provide reliable service to customers traveling along Route 10 between its existing Avon, Avon 2, Talcott Mountain, Talcott 2, Unionville, Farmington 3, New Britain 5 and Farmington N cell sites. The facility described in this filing would provide for improved coverage between these sites.

Environmental Effects

From our experience, the primary impact of a wireless facility such as the one proposed in Farmington is visual. The visual impact of the proposed Farmington N 2 Facility will vary from place to place around the Site, depending upon factors such as vegetation, topography, distance from the tower and the location of buildings in the sight-line of the cell site. To more fully assess the visual impact of the Facility, Cellco's consultants have prepared a Preliminary Viewshed Map for the Site. This map analyzes the anticipated year-round visibility of the proposed Facility. *See Attachment 4 - Preliminary Viewshed Map.*

Based on a field survey, Cellco has determined that the Facility will not impact inland wetlands or watercourses, within or near the tower compound. All other physical environmental effects associated with the proposed Facility are minimal.

To further assess the environmental impacts of the proposed Facility, Cellco is working with EBI Consulting to prepare a National Environmental Policy Act ("NEPA") Environmental Screening Checklist (the "NEPA Checklist") to determine if the Facility will have any significant adverse environmental effects. Cellco's application to the Council will include a determination from the Environmental and Geographic Information Center of the Connecticut Department of Environmental Protection ("DEP") and the U.S. Fish and Wildlife Service ("USFWS") regarding the Facility's impact, if any, on State or Federal endangered, threatened or special concern species or critical habitat. EBI will also ask the State Historic Preservation Officer ("SHPO") to review the proposal to determine if the Facility would have an effect on historic, architectural or archeological resources in the area. Copies of the DEP, USFWS and SHPO determinations will be included in the Council Application.



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Power Density

The Federal Communications Commission ("FCC") has adopted a standard (the "Standard") for exposure of radio frequency ("RF") emissions from telecommunications facilities like that proposed. To ensure compliance with the Standard, Cellco has performed power density calculations for the Site according to the methodology described in FCC Office of Science and Technology Bulletin No. 65 ("OST Bulletin 65"). This calculation is a conservative, worst-case approximation of RF power density levels at the closest accessible point to the antenna (i.e., the base of the tower), and with all antennas transmitting simultaneously on all channels at full power. The calculated power density level for Cellco antennas at the 108-foot level on the proposed tower would be 14.01% of the Standard. *See Attachment 3.*

Site Selection Process

Cellco conducted a search for suitable cell site locations in the northeasterly portion of the Town. Due to the topography and development in the area, Cellco was unable to identify an existing site that would satisfy its coverage objectives. In addition to the proposed Site, Cellco investigated and considered several other alternative locations for the Facility. However, with the exception of the Site, each of the alternatives considered were either rejected by Cellco RF engineers or by the landowner who was unwilling to enter into a lease for a cell site.

Tower Sharing

As stated above, Cellco intends to build a tower that is capable of supporting Cellco's antennas and those of additional wireless telecommunications providers, including Town emergency service providers, if a need exists. The provision to share the tower is consistent with the intent of the General Assembly when it adopted Connecticut General Statutes section 16-50aa. The availability of space on the proposed Facility may reduce, if not eliminate, the need for additional towers in the Town for the foreseeable future.

Conclusion

This technical report is submitted in accordance with Connecticut General Statutes section 16-50j(e), which requires Cellco to supply the Town with technical information regarding a proposed facility at least sixty (60) days prior to the filing of an application with the Council. Cellco currently expects to file an application with the Council on or about November 14, 2007.



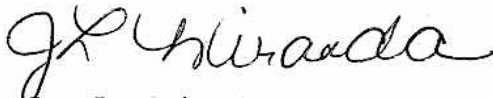
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This report includes information regarding the site selection process, public need and the potential environmental impacts of the proposed Farmington N 2 Facility. Cellco submits that the proposed Facility would not have any significant, adverse environmental effects. Moreover, Cellco submits that the public need for high quality wireless service and a competitive framework for providing such service has been determined by the FCC to be in the public interest and that such public need far outweighs any perceived environmental effects associated with the proposed Facility.

Please feel free to contact me if you have any questions or require additional information regarding the proposed Facility. Thank you.

Sincerely,



Joey Lee Miranda

Enclosures

Copy to:

Philip K. Schenck, Jr.
Sandy M. Carter

