



STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

Phone: (860) 827-2935 Fax: (860) 827-2950

E-Mail: siting.council@ct.gov

www.ct.gov/csc

VIA ELECTRONIC MAIL

May 31, 2013

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

RE: **DOCKET NO. 438** - Cellco Partnership d/b/a Verizon Application for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance, and operation of a telecommunications facility located at one of two sites: 596 Pendleton Hill Road or 53 Gallup Road, Voluntown, Connecticut.

Dear Ms. Carter:

The Connecticut Siting Council (Council) requests your responses to the enclosed questions no later than June 20, 2013. To help expedite the Council's review, please file individual responses as soon as they are available.

Please forward an original and 15 copies to this office, as well as send a copy via electronic mail. In accordance with the State Solid Waste Management Plan and in accordance with Section 16-50j-12 of the Regulations of Connecticut State Agencies the Council is requesting that all filings be submitted on recyclable paper, primarily regular weight white office paper. Please avoid using heavy stock paper, colored paper, and metal or plastic binders and separators. Fewer copies of bulk material may be provided as appropriate.

Copies of your responses shall be provided to all parties and intervenors listed on the service list, which can be found on the Council's pending proceedings website.

Yours very truly,

Melanie Bachman
Acting Executive Director

MB/cdm

c: Kenneth C. Baldwin, Esq., Robinson & Cole
Council Members
Parties and Intervenors

**Docket 438: Celco
Voluntown, Connecticut
Pre-Hearing Interrogatories, Set One**

1. Would Celco's antennas comply with E911 requirements?
2. Identify distances and directions to the adjacent sites with which the proposed facility would hand off signals. Include addresses of these sites.
3. What is the lowest height at which Celco's antennas could achieve its coverage objectives from either of the proposed sites? Submit propagation maps showing the coverage at ten feet below these heights.
4. Of the letters sent to abutting property owners, how many certified mail receipts did Celco receive? If any receipts were not returned, which owners did not receive their notice? Did Celco make additional attempts to contact those property owners?
5. What is the signal strength for which Celco designs its system? For in-vehicle coverage? For in-building coverage?
6. What is the existing signal strength within the area Celco is seeking to cover from this site?
7. Does Celco have any statistics on dropped calls and/or ineffective attempts in the vicinity of the proposed facility? If so, what do they indicate? Does Celco have any other indicators of substandard service in this area?
8. What is the length of the coverage gaps on Route 49 that Celco is seeking to cover from the proposed site at cellular frequencies? At PCS frequencies? At AWS frequencies? At LTE frequencies?
9. Quantify the amounts of cut and fill that would be required to develop the proposed facility at each of the alternate sites.
10. What was the approximate radius of Celco's search ring for this area? What was the approximate center of the search ring for this area?
11. Would any blasting be required to develop the site?
12. Did any of the boards or commissions of the Town of Voluntown conduct any meetings or issue any statements or recommendations regarding the proposed project? If so, provide such documentation.
13. How would Celco mount its antennas to the proposed tower?
14. Would either tower's setback radius encroach on any adjoining properties? If so, state the distance of the encroachment and who owns these properties?
15. Is either proposed site near an "Important Bird Area" as designated by the National Audubon Society?

16. Would Cellco's proposed facility comply with recommended guidelines of the United States Fish and Wildlife Service for minimizing the potential for telecommunications towers to impact bird species?
17. Provide the distance that would be covered on Route 49 and the total area in square miles that would be covered at Cellco's AWS frequency from the proposed sites.
18. Provide an estimate of the residential population living within the area that would be covered from the proposed facility.
19. Provide an estimated traffic count for those portions of Route 49 that would be covered from the proposed facility.
20. What would be the respective run times for Cellco's diesel and propane generators before they would need to be refueled?
21. Would there be any interruption in service between the time power goes out and the generators come on?
22. Would either tower be visible from any hiking trails within two mile radius area used for the visibility analysis?
23. In the narrative section of the application, it is stated that Cellco would install fifteen antennas — six cellular antennas, six PCS antennas and three LTE antennas. However, in Attachments 1 and 2, it is stated that Cellco would install 12 antennas — three cellular antennas, three PCS antennas, three LTE antennas and three AWS antennas. Which of the two antenna arrays would Cellco deploy?
24. 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.