



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

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

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www.ct.gov/csc

VIA ELECTRONIC MAIL

August 7, 2018

Kenneth C. Baldwin, Esq.
Robinson & Cole LLP
280 Trumbull Street
Hartford, CT 06103-3597

RE: **DOCKET NO. 484** - Cellco Partnership d/b/a Verizon Wireless application for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance, and operation of a telecommunications facility at one of three locations at 72 Ragged Hill Road, Pomfret, Connecticut.

Dear Attorney Baldwin:

The Connecticut Siting Council (Council) requests your responses to the enclosed questions no later than August 21, 2018. 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 website under the "Pending Matters" link.

Any request for an extension of time to submit responses to interrogatories shall be submitted to the Council in writing pursuant to §16-50j-22a of the Regulations of Connecticut State Agencies.

Sincerely,

A handwritten signature in blue ink, appearing to read "Melanie Bachman".

Melanie Bachman
Executive Director

c: Parties and Intervenors

MB/RM





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Docket No. 484 – Pomfret Cellco Partnership d/b/a Verizon Wireless

Pre-Hearing Interrogatories August 7, 2018

General

1. Of the letters sent to abutting property owners, how many certified mail receipts were received? If any receipts were not returned, which owners did not receive their notice? Were any additional attempts made to contact those property owners?
2. How is the cost of facility construction recovered?

Site/Tower

3. What is the distance and direction from the each proposed tower site to the Town boundaries of Eastford and Woodstock?
4. Would the tower be designed for EIA/TIA-222 structural standards version G, H, or both?
5. What is the structural design standard applicable to antenna mounts?
6. Identify the safety standards and/or codes by which equipment, machinery, or technology would be used or operated at the proposed facility.
7. Has the State of Connecticut Department of Agriculture purchased any development rights for any portion of the proposed sites as part of the State Farmland Preservation Program?
8. Is the site parcel part of the Public Act 490 program? If so, how does the land use code classify the parcel. Would use of a portion of the parcel for telecommunications use affect its status under the PA 490 program?
9. Referring to Application p. 21, the Town's order of preference for a new tower location is mentioned. Were there any higher ranked Town preference categories within the site search area?
10. Referring to Application p. 24, what were the concerns expressed by the residents regarding Site A?

Coverage/Capacity

11. For the frequencies that will be initially deployed (700 MHz and 2100 MHz), what is Cellco's service design threshold for each frequency? Are both frequencies used to transmit voice and data services? How do they interact?
12. What is the determining factor for the deployment of additional frequencies within the proposed service area?



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Affirmative Action / Equal Opportunity Employer

13. The Application states the site is designed for coverage needs. Would the site also provide capacity relief at adjacent sectors? If so, are any of these adjacent sectors nearing exhaustion? If yes, identify the sectors, frequencies and estimated exhaustion dates.
14. Application page 7 describes “gaps” in wireless service in the area of the proposed site. Provide information regarding the size of the existing wireless coverage gaps (700 MHz and 2100 MHz) that will be served by the proposed facility.
15. Besides propagation modeling, were other indicators of substandard service used to identify a need in this area? If so, please describe.
16. Could the target service area be adequately served by a series of small cell facilities or a distributed antenna system instead of the proposed macro-tower facility?
17. Referring to Application Tab 6 - 700 MHz coverage plots, the coverage plots do not appear to show any 700 MHz service from the “Eastford CT” site. Is this Cellco site active? What services is it providing?
18. Once the proposed site is on-line, what would be the effective service area for the 700 MHz frequency from this site? Would parts of overlapping service shown on the plots be handled by surrounding existing sites (for example, overlapping coverage to the northwest) so that the effective coverage footprint from this site, listed as 16-21 square mile in the application, is smaller? Please explain.
19. Referring to Application pp. 10-11, provide the Cellco antenna heights for the listed facilities.
20. Referring to Application p. 11, the Woodstock NW facility is identified at 40 Sherman Road in Ashford. Is this location correct?
21. Referring to Application pp. 8-9, it appears proposed 2100 MHz wireless service from any of the three sites is limited. What is the intended purpose of the 2100 MHz service?
22. Referring to Application pp. 8-10, rank the three proposed sites in order of preference based on wireless service performance only. What specific customer target is most important for Cellco?

Public Safety

23. Can the proposed facility support text-to-911 service? Is additional equipment required for this purpose? Is Cellco aware of any Public Safety Answering Points in the area of the proposed site that are able to accept text-to-911?
24. Would Cellco’s installation comply with the intent of the *Warning, Alert and Response Network Act of 2006*?

Backup Power

25. What is the estimated run time for the emergency power generator before it would need to be refueled, assuming it is running at under normal loading conditions? How long could the battery backup alone supply power to the facility in the event that the generator fails to start?
26. Would the backup generator run periodically for maintenance purposes? If so, at what frequency and duration? Would this be scheduled for daytime hours?

27. Could the proposed generator be shared by other carriers that may locate at the proposed facility in the future? What effect would a shared generator have on the run time of the generator if at full load?
28. Identify the containment measures to protect against possible fluid leakage from the backup generator.

Environment/Cultural

29. Has there been any outreach to Tribal Nations? Are there features at any of the three sites that may indicate archeological/cultural deposits?
30. Is the proposed facility within a Department of Energy and Environmental Protection-designated Aquifer Protection Area?
31. Would the proposed facility comply with Department of Energy and Environmental Protection noise control standards at the property boundaries?
32. Referring to Application Tab 9, p. 4, "...*Sites (A,B,C) were only all visible from this area...*" provide more information as to what will be visible from this location.
33. Referring to Application Tab 9, the Photo-log shows open field areas within a 0.5 mile radius of the proposed sites. Provide predictive visibility mapping, using a 0.5 radius around each site, that depicts potential year-round and seasonal visibility of the proposed towers. How many residences are within these areas?