



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

November 14, 2019

Jeffrey Barbadora
Real Estate Specialist
Crown Castle
12 Gill Street, Suite 5800
Woburn, MA 01801

RE: **EM-VER-164-191106** – Cellco Partnership d/b/a Verizon Wireless notice of intent to modify an existing telecommunications facility located at 599 Matianuck Avenue, Windsor, Connecticut.

Dear Mr. Barbadora:

The Connecticut Siting Council (Council) is in receipt of your correspondence of November 13, 2019 submitted in response to the Council's November 12, 2019 notification of an incomplete request for exempt modification with regard to the above-referenced matter.

The submission renders the request for exempt modification complete and the Council will process the request in accordance with the Federal Communications Commission 60-day timeframe.

Thank you for your attention and cooperation.

Sincerely,

Melanie A. Bachman
Executive Director

MAB/IN/emr



Robidoux, Evan

From: Barbadora, Jeff <Jeff.Barbadora@crowncastle.com>
Sent: Wednesday, November 13, 2019 1:25 PM
To: Robidoux, Evan
Cc: CSC-DL Siting Council
Subject: RE: Council Incomplete Letter for EM-VER-164-191106 (599 Matianuck Avenue, Windsor)
Attachments: WINDSOR SOUTH CT- MPE.xlsx

Good afternoon Evan,

Per the incomplete letter, the attached Verizon EME report was included in the submittal. I show the EME in the emailed version to the Council. I have attached the EME to this email as well.

Please let me know if you have any questions or need additional information.

Thanks,

Jeffrey Barbadora

781-970-0053
12 Gill Street, Suite 5800, Woburn, MA 01801
CrownCastle.com

From: Robidoux, Evan <Evan.Robidoux@ct.gov>
Sent: Tuesday, November 12, 2019 11:30 AM
To: Barbadora, Jeff <Jeff.Barbadora@crowncastle.com>
Cc: CSC-DL Siting Council <Siting.Council@ct.gov>
Subject: Council Incomplete Letter for EM-VER-164-191106 (599 Matianuck Avenue, Windsor)

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Please see the attached correspondence.

Evan Robidoux
Clerk Typist
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

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General Power Density

Site Name: Windsor South, CT
 Cumulative Power Density

| Operator | Operating Frequency (MHz) | Number of Trans. | ERP Per Trans. (watts) | Total ERP (watts) | Distance to Target (feet) | Calculated Power Density (mW/cm ²) | Maximum Permissible Exposure* (mW/cm ²) | Fraction of MPE (%) |
|------------------|---------------------------|------------------|------------------------|-------------------|---------------------------|--|---|---------------------|
| VZW PCS | 1970 | 1 | 4960 | 4960 | 97 | 0.1896 | 1.0 | 18.96% |
| VZW Cellular LTE | 869 | 1 | 1940 | 1940 | 97 | 0.0741 | 0.579333333 | 12.80% |
| VZW Cellular | 869 | 3 | 411 | 1233 | 97 | 0.0471 | 0.579333333 | 8.13% |
| VZW AWS | 2145 | 1 | 4680 | 4680 | 97 | 0.1789 | 1.0 | 17.89% |
| VZW 700 | 746 | 1 | 2450 | 2450 | 97 | 0.0936 | 0.497333333 | 18.83% |

Total Percentage of Maximum Permissible Exposure

76.61%

*Guidelines adopted by the FCC on August 1, 1996, 47 CFR Section 1.13101 based on NCRP Report 86, 1986 and generally on ANSI/IEEE C95.1-1992

MHz = Megahertz
 mW/cm² = milliwatts per square centimeter
 ERP = Effective Radiated Power

Absolute worst case maximum values used, including the following assumptions:

1. closest accessible point is distance from antenna to base of pole;
2. continuous transmission from all available channels at full power for indefinite time period; and,
3. all RF energy is assumed to be directed solely to the base of the pole.