



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

Web Site: portal.ct.gov/csc

VIA ELECTRONIC MAIL

December 12, 2022

Katie Adams
SR Site Acquisition Specialist
Network Building & Consulting
100 Apollo Drive, Suite 303
Chelmsford, MA 01824
kadams@nbcllc.com

RE: **EM-VER-107-221014** – Cellco Partnership d/b/a Verizon Wireless notice of intent to modify an existing telecommunications facility located at 800 Ogg Meadow Road, Orange, Connecticut.

Dear Katie Adams:

The Connecticut Siting Council (Council) hereby acknowledges your notice to modify this existing telecommunications facility, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies with the following conditions:

1. Prior to the commencement of construction, Verizon shall provide a copy of the Structural Analysis referencing the Connecticut State Building Code effective October 1, 2022 including the proposed Verizon MT6407-77A antenna loading;
2. Prior to the commencement of construction, Verizon shall provide a rigorous cumulative far-field radio frequency analysis for the facility that accounts for all entities on the tower, a 6-foot tall person at ground level and the actual antenna pattern for the proposed modifications to the facility with a cumulative %MPE at or below 100%;
3. Prior to Verizon's antenna installation, antenna mount modifications shall be installed in accordance with the Mount Analysis prepared by Maser Consulting dated June 3, 2022 and stamped and signed by Derek Hartzell;
4. Within 45 days following completion of equipment installation, Verizon shall provide documentation certified by a Professional Engineer that its installation complied with the recommendations of the Mount Analysis;
5. RF access restriction and caution signage shall be installed at the site in compliance with FCC guidance;
6. Any deviation from the proposed modification as specified in this notice and supporting materials submitted to the Council shall render this acknowledgement invalid;
7. Any material changes to this modification as proposed shall require the filing of a new notice with the Council;
8. The Council shall be notified in writing at least two weeks prior to the commencement of site construction activities;

9. Within 45 days after completion of construction, the Council shall be notified in writing that construction has been completed;
10. Deployment of any 5G services must comply with FCC and FAA guidance relative to air navigation, as applicable;
11. Any nonfunctioning antenna and associated antenna mounting equipment, or other equipment at this facility owned and operated by Verizon shall be removed within 60 days of the date the antenna or equipment ceased to function;
12. The validity of this action shall expire one year from the date of this letter; and
13. Verizon may file a request for an extension of time beyond the one year deadline provided that such request is submitted to the Council not less than 60 days prior to the expiration.

The proposed modifications including the placement of all necessary equipment and shelters within the tower compound are to be implemented as specified here and in your notice dated September 1, 2022. The modifications are in compliance with the exception criteria in Section 16-50j-72 (b) of the Regulations of Connecticut State Agencies as changes to an existing facility site that would not increase tower height, extend the boundaries of the tower site by any dimension, increase noise levels at the tower site boundary by six decibels or more, and increase the total radio frequencies electromagnetic radiation power density measured at the tower site boundary to or above the standards adopted by the Federal Communications Commission pursuant to Section 704 of the Telecommunications Act of 1996 and by the state Department of Energy and Environmental Protection pursuant to Connecticut General Statutes § 22a-162. This facility has also been carefully modeled to ensure that radio frequency emissions are conservatively below state and federal standards applicable to the frequencies now used on this tower.

This decision is under the exclusive jurisdiction of the Council. Please be advised that the validity of this action shall expire one year from the date of this letter. Any additional change to this facility will require explicit notice to this agency pursuant to Regulations of Connecticut State Agencies Section 16-50j-73. Such notice shall include all relevant information regarding the proposed change with cumulative worst-case modeling of radio frequency exposure at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin 65. Thank you for your attention and cooperation.

Sincerely,



Melanie A. Bachman
Executive Director

MAB/MP/emr

c: The Honorable James M. Zeoli, First Selectperson, Town of Orange (jzeoli@orange-ct.gov)