

SBA



September 04, 2014

Fred Cunliffe and
Members of the Siting Council
Connecticut Siting Council
Ten Franklin Square
New Britain, CT 06051

EM-T-MOBILE-132-140902

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SEP 05 2014

CONNECTICUT
SITING COUNCIL

ORIGINAL

RE: Revised Notice of Exempt Modification Letter
151 Sand Hill Road
South Windsor, CT 06074
T-Mobile #: CT11497A
N 41° 50' 09.24"
W -72° 33' 07.56"

Dear Mr. Cunliffe and Members of the Siting Council:

In response to a discrepancy found by the Connecticut Siting Council, please find both this letter and a revised Notice of Exempt Modification letter attached. It was found that the Notice of Exempt Modification submitted on 08/29/14 did not indicate that the property owner was given written notice pursuant to 16-50j-73 of the Regulation of Connecticut State Agencies.

Since the property is owned by the local municipality, only one letter was sent addressed to the Town Manager, Matthew B. Galligan. This letter is intended to serve as notification to both the municipality and the property owner. The ambiguity of the initial letter is understood and the Notice of Exempt Modification has been revised to include the following passage: (Found in Paragraph 2)

"Please note that in this case, the local municipality owns the subject property; the copy of this letter and attachments sent to the chief elected official shall serve as notification to both the municipality and to the property owner".

Please consider this and the attached revised Notice of Exempt Modification as clarification that both the municipality and the property owner have been dually notified in a letter sent to the Town Manager dated 08/29/14. Feel free to contact me with any questions you may have concerning this matter.

Thank you,

Peter Nute
SBA Communications Corporation
33 Boston Post Road West Suite 320
Marlborough, MA 01752
508-251-0720 x 3807 + T
508-251-1755 + F
Pnute@sbsite.com

September 04, 2014

David Martin and
Members of the Siting Council
Connecticut Siting Council
Ten Franklin Square
New Britain, CT 06051

RE: Notice of Exempt Modification
151 Sand Hill Road
South Windsor, CT 06074
T-Mobile #: CT11497A
N 41° 50' 09.24"
W -72° 33' 07.56"

Dear Mr. Martin and Members of the Siting Council:

On behalf of T-Mobile Northeast LLC, SBA Communications is submitting an exempt modification application to the Connecticut Siting council for modification of existing equipment at a tower facility located at 151 Sand Hill Road, South Windsor CT.

The 151 Sand Hill Road facility consists of a 187' MONOPOLE Tower owned and operated by SBA Properties, LLC. In order to accommodate technological changes and enhance system performance in the State of Connecticut, T-Mobile Northeast LLC plans to modify the equipment configurations at many of its existing cell sites. Please accept this letter and attachments as notification, pursuant to R.C.S.A. Section 16-50j-73, of construction which constitutes an exempt modification pursuant to R.C.S.A. Section 16-50j-72(b)(2). In compliance with R.C.S.A. Section 16-50j-73, a copy of this letter and attachments is being sent to the chief elected official of the municipality in which the affected cell site is located. Please note that in this case, the local municipality owns the subject property; the copy of this letter and attachments sent to the chief elected official shall serve as notification to both the municipality and to the property owner.

T-Mobile Northeast LLC wishes to upgrade their equipment to meet the new standards of 4G technology. The new equipment will allow customers to download files and browse the internet at a high rate of speed while also allowing their phones to be compatible with the latest 4G technology.

Attached is a summary of the planned modifications, including power density calculations reflecting the change in Sprint's operations at the site along with the required fee of \$625.

The changes to the facility do not constitute modifications as defined in Connecticut General Statutes ("C.G.S.") Section 16-50i(d) because the general physical characteristics of the facility will not be



significantly changed or altered. Rather, the planned changes to the facility fall squarely within those activities explicitly provided for in R.C.S.A. Section 16-50j-72(b)(2).

1. The overall height of the structure will be unaffected.
2. The proposed changes will not extend the site boundaries. There will be no effect on the site compound other than the new equipment cabinets.
3. The proposed changes will not increase the noise level at the existing facility by six decibels or more.
4. The changes in radio frequency power density will not increase the calculated "worst case" power density for the combined operations at the site to a level at or above the applicable standard for uncontrolled environments as calculated for a mixed frequency site.

For the foregoing reasons, SBA Communications on behalf of T-Mobile Northeast LLC, respectfully submits that the proposed changes at the referenced site constitute exempt modifications under R.C.S.A. Section 16-50j-72(b)(2).

Please feel free to call me at (508) 251-0720 x 3807 with any questions you may have concerning this matter.

Thank you,

Peter Nute
SBA Communications Corporation
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Marlborough, MA 01752
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**T-Mobile Northeast LLC
Equipment Modification**

151 Sand Hill Road, South Windsor CT
Site number CT11497A

Tower Owner: SBA Properties, LLC

Equipment Configuration: MONOPOLE Tower

Current and/or approved:

- (3) RFS APX16PV-16PVL-C
- (3) EMS RR90-17-02DPL2
- (6) Andrew ETW200VA12UB
- (12) 1-5/8" Feed Lines

Planned Modifications:

- (3) Ericsson Air 21 B2A/B4P
- (3) Ericsson Air 21 B4A/B2P
- (3) Ericsson KRY 112 144
- (12) 1-5/8" Lines
- (1) 1-5/8" Fiber Line

Structural Information:

The attached structural analysis demonstrates that the tower and foundation will have adequate structural capacity to accommodate the proposed modifications.

Power Density:

The anticipated Maximum Composite contributions from the T-Mobile facility are 4.25% of the allowable FCC established general public limit. The anticipated composite MPE value for this site assuming all carriers present is 61.77% of the allowable FCC established general public limit sampled at the ground level.

Site Composite MPE%	
Carrier	MPE%
T-Mobile	4.25
Town	6.87 %
Sprint	7.60 %
AT&T	13.10 %
Clearwire	0.83 %
Nextel	2.54 %
Verizon Wireless	26.58 %
Site Total MPE %:	61.77 %