

**STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL**

RE: APPLICATION BY BLUE SKY TOWERS, LLC
APPLICATION FOR A CERTIFICATE OF ENVIRONMENTAL COMPATIBILITY AND PUBLIC NEED FOR A TELECOMMUNICATIONS FACILITY AT BRIDGEPORT ASSESSORS MAP 53, BLOCK 1527, LOT2, 220 EVERGREEN STREET BRIDGEPORT, CONNECTICUT

DOCKET NO. 464

Date: May 17, 2016

**INTERROGATORY RESPONSES TO CONNECTICUT SITING COUNCIL
FROM APPLICANT BLUE SKY TOWERS, LLC**

The Applicant, Blue Sky Towers, LLC ("Applicant"), submits the following responses to the development and Management Plan Interrogatories by the Connecticut Siting Council in connection with the above-captioned Docket.

1. Please provide the following information in accordance with Order No. 2 of the Connecticut Siting Council's (Council) April 14, 2016 Decision and Order:
 - a) Fence design with less than two inch mesh (emphasis added);
 - b) Evidence of tower design yield point to ensure that the tower setback radius remains within the boundaries of the subject property;
 - c) Evidence of compliance with noise regulations (relative to the backup generator and air conditioning units);
 - d) Flood elevation mitigation plan for equipment;
 - e) Hours of construction;
- A1**
- a) **The Applicant will comply with the Fence Design to be designed with less than two inch mesh.**
 - b) **Shown on page one number 19 of the tower design plan**
 - c) **The Applicant will be in compliance with the Noise Regulation of Connecticut with regards to the on site air conditioners. See enclosed noise study.
No generator is planned at this time for the site.**
 - d) **The equipment will be installed one foot (1') above the FEMA flood plain level**
 - e) **8:00 am to 7:00 pm**

2. Did Blue Sky Towers, LLC (Blue Sky) consult with the electric utility regarding protecting the transformer from flood risk as recommended on page three of the Council's Opinion dated April 14, 2016? If yes, what was the outcome of such consultation?

A2 Yes the Applicant has consulted with the electric company and has requested the transformer be installed one foot (1') above the FEMA flood plain level.

3. Does the tower's structural design also take into account flood or inundation risk?

A3 The tower has been designed according to the Connecticut State Building Code and the soil parameters were determined using a geotechnical study from the tower location

4. Is the "Proposed Generator Future Location" on Sheet C-3 the location of the proposed generator and also the location or space for a future shared generator if necessary? If the proposed generator location and shared space location are different, provide an updated Sheet C-3 with both locations.

A4 The Applicant is only showing one location for a future generator at this point. The proposed generator is not planned to be a shared generator.

5. Provide a specification sheet for the proposed backup generator and its estimated run time based on its fuel tank capacity.

A5 The type of proposed generator on sheet C-3 has not been determined. If and when a generator is placed at the site the Applicant will provide the specifications to the Council.

6. Would electric and telephone utilities run overhead from an existing pole on Evergreen Street to the new proposed utility pole? Indicate which existing pole on Evergreen Street would serve this project.

A6 The electric and telephone utilities will be run overhead from the existing pole on Evergreen Street to a new pole. The pole directly across from the gate is the existing pole to be used. No pole number is located on the pole.

**Respectfully Submitted,
Blue Sky Towers, LLC**

By:



Keith Coppins
Phoenix Partnership, LLC

CC:
Parties and Intervenors
Honorable Mayor Joseph P. Ganim, City of Bridgeport

Noise Evaluation Report

BlueSky Tower Partners LLC
A Proposed AT&T Equipment Shelter
And Two Wall Mounted Air Conditioners
Site Number: CT5020
Site Name: Evergreen Street
220 Evergreen Street
Bridgeport, CT 06606

May 16, 2016

Prepared For:
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Introduction

The site location is generally a mixed Industrial and residential area. On January 27, 2016, existing background noise levels were taken at the site, and at adjacent areas. BlueSky Tower has proposed a facility to be located at 220 Evergreen Street, Bridgeport, CT. The proposed site, CT5020, will include an equipment shelter. The average existing background noise level was 50-55 dBA.

The shelter maintains two exterior wall mounted air-conditioning units to cool the radio equipment. The purpose of this evaluation is to determine whether the air-conditioners will comply with the State of CT Noise Regulations.

Typically, only one of the two air-conditioner units operates at any one time. This report and the noise regulations utilize a dBA scale. This scale is used because it closely approximates the response characteristic of the human ear to loudness, and is the scale most commonly used in the measurement of community noise.

Noise Regulations

The State of CT has enacted regulations which limit the amount of noise which may be transferred from one property to another. In pertinent part, the Regulations provide as follows: Daytime Hours - The hours between 7 a.m. and 10 p.m. local time.

Nighttime Hours - The hours between 10 p.m. and 7 a.m. local time.

Allowable noise levels projected to the Receptor's property line:

The allowable noise level from a Class "C" Industrial Zone Emitter to an Industrial Zone Receptor is 70 dBA day / night.

(Sec.22a-69-3.5 (a).

The allowable noise level from a Class "C" Industrial Zone Emitter to a Class "A" Residential Receptor is 61 dBA (daytime) and 51 dBA (nighttime). (Sec. 22a-69-3.5(a)).

Noise Evaluation Results

The noise levels listed below take into account the effect of acoustical shielding provided by other structures on the property. The levels have been projected to the nearest property lines in the directions listed.

dBA Level For 2 HVAC Units Operating Simultaneously

North (Industrial)	30
South (Residential)	43
East (Industrial)	37
West (Residential)	41

The data demonstrates that the 2 wall mounted air conditioners are in compliance with the conditions set forth in the State of CT Noise Regulations. If only 1 air conditioner was operating, the noise level would be reduced by approximately 2 dBA.