



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

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www.ct.gov/csc

VIA ELECTRONIC MAIL

November 20, 2017

Christopher B. Fisher, Esq.
Daniel M. Laub, Esq.
Cuddy & Feder LLP
445 Hamilton Avenue, 14th Floor
White Plains, New York 10601

RE: **DOCKET NO. 478** - Eco-Site, Inc. and T-Mobile Northeast, LLC application for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance, and operation of a telecommunications facility located at 63 Woodland Street, Glastonbury, Connecticut.

Dear Attorneys Fisher and Laub:

The Connecticut Siting Council (Council) requests your responses to the enclosed questions no later than December 11, 2017. 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 pending matters website.

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.

Yours very truly,

Melanie Bachman
Executive Director

MB/RM

c: Parties and Intervenors



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Docket 478 - Glastonbury

Eco-site Inc. and T-Mobile Northeast LLC

Pre-Hearing Interrogatories

November 20, 2017

General

1. Were return receipts received for each abutting landowner identified in the Application Att. 8? If not, list the abutters that did not receive notice and describe any additional effort to serve notice.
2. Referring to Application page 4, please submit the Affidavit of Publication from the *Hartford Courant* regarding the filing of the Application to the Council.
3. Pursuant to CGS §16-50o, please submit a copy of the lease for the proposed site.

Project Site

4. Provide the distance and direction and the name of the nearest commercial child day care center from the proposed site.
5. Referring to Application Att. 2, revise Figures 1 & 2 to show the proposed site.
6. Referring to Application Att. 3, p. 1, is the "Alternate Road Configuration Map" included in the Attachment? Is so, please indicate the sheet ID number. If not, please submit the revised road alignment.
7. Referring to Application Att. 3 sheets EC2, EC3, EC4, if this is the final road alignment, please provide the estimated the amount of cut and fill to achieve proposed grades. What is the proposed grade in this access drive segment?
8. Referring to Application Att. 3, what does Figure 5 represent?
9. Please clarify the following information as different values were given for each:
 - a) Parcel Size (173 ac, 177 ac, 38.5 ac given)
 - b) Parcel Address (# 63, #248 given)
 - c) Amount of ground disturbance to develop the site (18,000 sf, 50,000 sf given)
 - d) Acreage of clearing/estimated tree count (50 trees, 138 trees given)
 - e) Length of leased access drive to compound (4100 ft, 3750 ft given)
 - f) Length of new access drive to compound (400 ft, 650 ft given)
10. Referring to Application Att. 2, please clarify the sites examined and reasons for rejection. Application p. 11 mentions the Elks Club and Northern Correctional Institute but these properties are not shown or described in Att. 2. Does the Elks Club property have a ground elevations that is the same or higher than the proposed site?
11. Referring to Application Att. 3, the site plans state the tower will be designed per Connecticut Building Code/EIA-TTA-222-G. Does this structural code also apply to the tower mount/tower interface and the antenna/tower mount interface? If not, please provide the relevant structural design code for these interface areas.



CONNECTICUT SITING COUNCIL

Affirmative Action / Equal Opportunity Employer

12. What is the approximate diameter of the monopole at the base and top?
13. Identify the safety standards and/or codes by which equipment, machinery, or technology that would be used or operated at the proposed facility.

Agricultural/Environmental

14. Is the site parcel part of the Public Act 490 Program? If so, how does the town land use code classify the parcel? For example, is the parcel classified as "Tillable D – good to fair"? Would use of a portion of the parcel for telecommunications use affect its status under the PA 490 program?
15. Referring to Application p. 14, please provide the USDA agricultural soils map.
16. Is the proposed facility within a Department of Energy and Environmental Protection-designated Aquifer Protection Area?
17. Referring to Application Att. 4, p. 1 states USFWS National Wetland Inventory and FEMA maps are included. Please identify where the maps are included in the Application. If the maps were not provided, please submit.
18. Referring to Application Att. 5, -Visibility Analysis, p. 6 states 45-55 residences would potentially have visibility of the facility. For these residences, please differentiate between year-round and seasonal (leaf-off) visibility. Are any of these residences within 0.5 mile of the proposed tower?
19. Referring to Application p. 14, has a response been received from the State Historic Preservation Office regarding the proposed project? If so, please provide.

T-Mobile's Wireless System

20. Referring to Application Att. 1, what frequency is depicted on the coverage models?
21. Referring to Application Att. 1, first map (DeLorme), does this map depict the proposed site and existing adjacent T-Mobile sites?
22. Which frequencies would T-Mobile initially install at the proposed site? What is the determining factor for the deployment of additional frequencies within the proposed service area?
23. What is T-Mobile's service design threshold for each frequency?
24. How do the different frequencies interact? Are all frequencies used to transmit voice and data services? Are all frequencies LTE capable? Please explain.
25. What is the approximate size of the coverage footprint (in square miles) for each frequency that would be initially installed at the proposed site?
26. Would the installation of flush-mounted antennas meet the required coverage need? If so, describe any required changes in the configuration of antennas and/or tower height to meet coverage needs.

27. Can the proposed facility support Text-to-911 service? Is additional equipment required for this purpose?
28. Is T-Mobile aware of any Public Safety Answering Points in the area of the proposed site that are able to accept Text-to-911?
29. What is the worst-case power density value for T-Mobile's installation? (0.69% and 1.2% were given)

Emergency Power

30. What is the estimated run time for the emergency power generator before it would need to be refueled, assuming it is running at full load under normal conditions?
31. Could the proposed generator be shared by other carriers that may locate at the proposed facility? What effect would a shared generator have on the run time of the generator if at full load?
32. Would the backup generator run periodically for maintenance purposes? If so, at what frequency and duration? Could this be scheduled for daytime hours?