



STATE OF CONNECTICUT  
CONNECTICUT SITING COUNCIL

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Daniel F. Caruso

Chairman March 20, 2007

Cohen and Wolf, P.C.  
1115 Broad Street  
Bridgeport, CT 06604  
Attn: Julie Kohler, Esq.  
Carrie Larson, Esq.  
Deborah Erickson, Esq.

RE: **DOCKET NO. 330** - Optasite Towers LLC and Omnipoint Communications, Inc.  
application for a Certificate of Environmental Compatibility and Public Need for the  
construction, maintenance and operation of a telecommunications facility located at 1294  
Pleasant Valley Road North, Groton, Connecticut.

Dear Ms. Kohler, Ms. Larson, and Ms. Erickson:

The Connecticut Siting Council (Council) requests your responses to the enclosed questions no  
later than April 6, 2007. To help expedite the Council's review, please file individual responses  
as soon as they are available.

Please forward an original and 20 copies to this office. In accordance with the State Solid Waste  
Management Plan, 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.

Yours very truly,



S. Derek Phelps  
Executive Director

SDP/cdm

c: Council Members  
Parties and Intervenors



**Docket 330: Optasite  
Groton, Connecticut  
Pre-Hearing Interrogatories, Set One**

Questions for Optasite:

1. How many of the return receipts for the notices sent to abutting landowners did Optasite receive? If some return receipts were not received, did Optasite make other attempts to notify the landowners? If yes, explain.
2. When did Optasite begin looking for a site in this area of Groton?
3. What prompted Optasite's search in this area?
4. Has Optasite received any indications that the City of Groton might be interested in using this tower for its antennas?
5. Did Optasite receive any comments from Groton town officials regarding its proposal? Did any of Groton's boards and commissions hold any public meetings regarding this proposal? If so, did the board or commission issue any resolutions regarding the proposal? If yes, provide such resolutions.
6. Has Optasite contacted any other carriers about their possible interest in locating on this tower? Provide correspondence if available.
7. To what engineering standard would the proposed tower be built?
8. How many residences are located within 1,000 feet of the proposed tower location?
9. How much cut and fill would be required to develop the proposed site?
10. Would any blasting be required to develop this site?
11. Provide a copy of Optasite's lease with the owners of the host property.
12. Has Optasite considered designing a yield point into its proposed tower to minimize its effective setback radius?
13. Sheet A02 in Exhibit A shows wetlands located approximately 110 feet to the south of the proposed compound. The VHB wetland sketch in Exhibit L shows wetlands located approximately 75 feet to the northwest of the compound. Which is correct?
14. The application states that the ". . . compound will have a de minimis visual impact as it will be screened by the proposed fencing." Will Optasite use privacy slats or stockade fencing to help reduce the visual impact of the compound?
15. What are the conditions that make the property at 336 Briar Hill Road "undevelopable"?

Questions for T-Mobile:

16. What is the distance from the site identified on the submitted propagation maps as CT11311 to the sites identified as CT11616B, as CT11146F, as CTHA244A, as CT11145C, and as CTNL060B? Identify these sites by address. Provide the height of T-Mobile's antennas at each site.
17. Identify, by address and identifying number, sites with which T-Mobile's antennas at the proposed site would hand off signals.
18. Would T-Mobile's ground equipment be housed in a shelter or would it consist of cabinets on a concrete pad?
19. What would T-Mobile use for backup power?
20. Does T-Mobile currently use fuel cells as backup generators at any of its Connecticut tower sites? If yes, how many? Does T-Mobile plan to use a fuel cell at the proposed site or have any plans to install them at any existing or future sites in Connecticut?"
21. What is the length of the coverage gap on Route 12 that T-Mobile seeks to close from this site? On Route 32? Would T-Mobile be able to close these gaps completely from this site? If not, how would T-Mobile be able to close these gaps?
22. What are T-Mobile's licensed operating frequencies?
23. What is the design signal strength for T-Mobile's system? Is this for in-vehicle or in-structure coverage?
24. What is the T-Mobile's existing signal strength in the area that would be served from the proposed site?
25. What would be the total area T-Mobile could cover from the proposed site?
26. What is the minimum height at which T-Mobile could achieve its coverage objectives from this site?
27. Provide a propagation map, at the same scale as the maps provided in the application, showing what T-Mobile's coverage would be at 10 feet below its antennas' proposed height of 137 feet.
28. The application states (on page 9) that T-Mobile would install "up to twelve panel antennas flush-mounted at 137 feet AGL . . ." Is it possible to flush mount twelve antennas at the same height?
29. Provide a topographic map showing the boundaries of the search ring.

Date: February 26, 2007

Docket No. 330  
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**LIST OF PARTIES AND INTERVENORS**  
**SERVICE LIST**

<b>Status Granted</b>	<b>Status Holder (name, address &amp; phone number)</b>	<b>Representative (name, address &amp; phone number)</b>
<b>Applicant</b>	Optasite Towers LLC and Omnipoint Communications, Inc.	Julie Kohler, Esq. Carrie L. Larson, Esq. Deborah S. Erickson, Esq. Cohen and Wolf, P.C. 1115 Broad Street Bridgeport, CT 06604 (203) 368-0211 (203) 394-9901 fax <a href="mailto:jkohler@cohenandwolf.com">jkohler@cohenandwolf.com</a> <a href="mailto:clarson@cohenandwolf.com">clarson@cohenandwolf.com</a> <a href="mailto:derickson@cohenandwolf.com">derickson@cohenandwolf.com</a>