

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  
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Daniel F. Caruso  
Chairman

April 11, 2007

Keith E. Coppins  
Vice President – Development  
Optasite, Inc.  
One Research Drive, Suite 200C  
Westborough, MA 01581

RE: **DOCKET NO. 319** - Optasite, Inc. and New Cingular Wireless PCS, LLC Certificate of Environmental Compatibility and Public Need for the construction, maintenance and operation of a telecommunications facility at 1662 Gold Star Memorial Highway (Route 184), Groton, Connecticut.

Dear Mr. Coppins:

At a public meeting of the Connecticut Siting Council held on April 10, 2007, the Connecticut Siting Council (Council) considered and approved the Development and Management (D&M) Plan submitted for this project on March 20, 2007.

This approval applies only to the D&M Plan submitted on March 20, 2007. Any changes to the D&M Plan require advance Council notification and approval.

Please be advised that deviations from this plan are enforceable under the provisions of the Connecticut General Statutes § 16-50u. Enclosed is a copy of the staff report on this D&M Plan, dated April 10, 2007.

Thank you for your attention and cooperation.

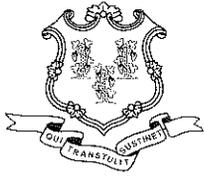
Very truly yours,

Daniel F. Caruso  
Chairman

DFC/CML/laf

Enclosure: Staff Report, dated April 10, 2007

- c: Parties and Intervenors  
Harry A. Watson, Mayor, Groton Town Hall  
Kevin Quinn, Zoning Enforcement Officer, Town of Groton  
Mr. Mark Oefinger, Town Manager, Town of Groton



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### **Docket No. 319**

### **Optasite, Inc.**

**1662 Gold Star Memorial Highway (Route 184), Groton, Connecticut**

### **Development and Management Plan**

### **Staff Report**

**April 10, 2007**

On February 27, 2007, the Connecticut Siting Council (Council) issued a Certificate of Environmental Compatibility and Public Need to Optasite, Inc. (Optasite) and New Cingular Wireless PCS, LLC (Cingular) for the construction, maintenance, and operation of a wireless telecommunications facility at 160 Deer Run Road in Wilton, Connecticut. Optasite submitted a Development and Management Plan for this facility on March 20, 2007.

Consistent with the Council's Decision and Order (D&O) condition (1), Optasite would construct a 133-foot monopole designed to accommodate the platforms and antennas of four carriers. Cingular will install panel antennas at the 130 foot level with the top of the antennas not exceeding 133 feet above ground level. The monopole will be constructed five feet in diameter at the bottom and approximately 2.5 feet in diameter at the top of the structure. At a height of 133 feet the tower is designed to withstand a 50 mile per hour (mph) wind speed with 0.75 inch of radial ice. A Connecticut licensed engineer has certified the tower and foundation design.

Consistent with D&O condition (3), Optasite will construct a 50-foot by 80-foot equipment compound surrounded by an eight foot high chain link fence. Cingular will install equipment within a 12-foot by-20 foot equipment shelter within the compound. Space will be available within the compound for three additional carriers' equipment. One tree with a diameter of six inches or greater would have to be removed for the construction of the equipment compound.

Access to the site would be along an existing 12-foot wide driveway extending from Gold Star Memorial Highway for a distance of 440 feet and continuing along an existing driveway for a distance of approximately 100 feet to the compound, which will be improved with a gravel surface. Utilities would be installed underground from Gold Star Memorial Highway along the access road to the compound.

Connecticut native evergreen trees will be planted around the compound and Optasite will conduct non-routine maintenance during fall, winter and early spring to minimize potential impact to the whip-poor-will, in accordance with D&O condition (4). Construction would commence immediately following Council approval of the D&M Plan and is expected to be completed by the end of May. The recommended period to avoid non-routine maintenance is the end of May to early August.

Consistent with the Council's D&O, the cumulative worst-case radio frequency power density level at the base of the tower during operation of all antennas would be approximately 9.2% of the standard for Maximum Permissible Exposure as adopted by the FCC.

Optasite has complied with the Council's Decision and Order dated February 27, 2007 for the Groton site and Council staff recommends approval of this D&M plan.



CONNECTICUT SITING COUNCIL  
Affirmative Action / Equal Opportunity Employer

**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>	<p>Optasite, Inc. One Research Drive Westborough, MA 01581</p> <p>New Cingular Wireless PCS, LLC 500 Enterprise Drive Rocky Hill, CT 06067</p>	<p>Lucia Chiocchio, Esq, Cuddy &amp; Feder, LLC 445 Hamilton Ave., 14<sup>th</sup> Floor White Plains, NY 10601 P: 914-761-1300 F: 914-761-5372 lchiocchio@cuddyfeder.com</p> <p>Keith Coppins Optasite, Inc. One Research Drive, Suite 200 C Westborough, MA 01581 P: 508-799-2460</p> <p>Ronald C. Clark CONNsult Wireless Services, LLC 6 Evarts Lane Madison, CT 06443 P: 203-645-3301</p>