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August 15, 2007

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AUG 15 2007CONNECTICUT
SITING COUNCILDaniel F. Caruso, Chairman
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051**RE: Docket No. 338 / Sprint's Responses to Interrogatories**

Dear Chairman Caruso:

On behalf of Sprint Nextel Corporation ("Sprint"), enclosed for filing are an original and 15 copies of Sprint's responses to the Siting Council's Interrogatories. An electronic copy of this document has been emailed to Ms. Fontaine and Ms. Mulcahy. Please let me know if you have any questions.

Very truly yours,

BROWN RUDNICK BERLACK ISRAELS LLP

By: _____

Thomas J. Regan
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40243300 v1 - MERCIECM - 026122/0001

**STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL**

Sprint Nextel Corporation's Application for a : **Docket No. 338**
Certificate of Environmental Compatibility and Public :
Need for the Construction, Maintenance and Operation :
of a Telecommunications Facility Located at 160 West :
Street in Cromwell, Connecticut. : **August 15, 2007**

SPRINT NEXTEL CORPORATION'S RESPONSES TO INTERROGATORIES

1. Provide the drive test data described on page 13 of the Application.
The drive test referred to in the Application was not an official, recorded drive test, rather it refers to Sprint's own technical experiences in the area as well as input from customers in the area.
2. What is the scale of the coverage plots behind Tab 9 of the Application?
1:50,000.
3. When did Sprint Nextel establish a search area for the proposed site? Provide a diagram depicting the initial search ring.
The initial search ring for the site was developed in June of 2003. The initial search ring is attached.
4. What is the diameter of the proposed flagpole tower? If not known, provide an estimate based on similar installations.
The flagpole for this site has not yet been designed. However, based on recently constructed flagpoles of similar height, Sprint estimates that the diameter of the flagpole at this site would be approximately 36" at the base and 26" at the top.
5. Provide Sprint Nextel's Federal Communications Commission licensed frequency bands for the iDEN network serving the Cromwell area.
Attached are copies of the Federal Communication Commission, Wireless Telecommunications Bureau's Radio Station Authorizations for Sprint's iDEN frequencies servicing this area.
6. Provide the cost of the antennas and radio equipment.
The approximate cost of the antennas and radio equipment will be \$90,000.

7. Provide the percentage of dropped calls and percentage of ineffective attempts originating from adjacent sites. What is the percent threshold that would trigger resolution?

The dropped call rate at the surrounding sites varies between approximately 1.2% to 2.7%. However, the dropped call percentage is not reliably indicative as a sole factor of need because the attempted calls of customers with minimal signal strength may not register at the cell site and therefore cannot be included in the dropped call statistics.

In this case, the genesis of the need for this site came primarily from sales feedback and customer complaints.

8. How many residences are within a 1,000-foot radius of the proposed tower?

There are 41 residences within a 1,000-foot radius of the proposed tower.

9. Provide a composite coverage plot, using the scale of the plots behind Tab 9, that depict coverage from the proposed site at an antenna height of 65/59 feet and adjacent sites.

Attached.

10. Does Sprint Nextel currently use fuel cells as an emergency power source at any of its Connecticut tower sites? If yes, identify such sites.

In Connecticut Siting Council Petition No. 707, the Council granted Nextel Communications of the Mid-Atlantic, Inc. permission to install a 5kW fuel cell system at 188 Moody Road, Enfield, Connecticut. This project was never completed. No other fuel cells have been implemented by Sprint in Connecticut.

11. Does Sprint Nextel intend to install a fuel cell at any existing or future sites in Connecticut?

To date, Sprint has implemented approximately 200 fuel cells nation wide and is currently evaluating fuel cells as a means of secondary power in Connecticut. However, Sprint is still investigating implementation of the fuel cells in Connecticut. Issues such as the availability of hydrogen suppliers that are willing to install, refill and perform leak tests on the fuel cells are still being researched.

12. Would the tower be an aviation hazard?

The tower will not be an aviation hazard.

Respectfully submitted,
Sprint Nextel Corporation

By: Thomas J. Regan

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Its Attorney

**Federal Communications Commission
Wireless Telecommunications Bureau**

Radio Station Authorization (Reference Copy Only)

This is not an official FCC license. It is a record of public information contained in the FCC's licensing database on the date that this reference copy was generated. In cases where FCC rules require the presentation, posting, or display of an FCC license, this document may not be used in place of an official FCC license.

Licensee: NEXTEL OF NEW YORK INC DBA NEXTEL COMMUNICATIONS

NEXTEL OF NEW YORK INC DBA NEXTEL
COMMUNICATIONS
2001 EDMUND HALLEY DR
RESTON, VA 20191

FCC Registration Number (FRN): 0003293537	
Call Sign: WPLM574	File Number:
Radio Service: YC - SMR, 806-821/851-866 MHz, Auctioned	

Grant Date 06/17/1998	Effective Date 01/12/2001	Expiration Date 06/17/2008	Print Date 09/18/2003
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Market Number: BEA010	Channel Block: C	Sub-Market Designator: 3
Market Name: New York-North New Jersey-Long Island, NY-NJ-CT-PA-MA-VT		

1st Build-out Date 06/17/2001	2nd Build-out Date 06/17/2003	3rd Build-out Date	4th Build-out Date
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Special Conditions or Waivers/Conditions

<p>Conditions Pursuant to Section 309(h) of the Communications Act of 1934, as amended, 47 U.S.C. Section 309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. Section 310(d). This license is subject in terms to the right of use or control conferred by Section 706 of the Communications Act of 1934, as amended. See 47 U.S.C. Section 706.</p>

**Federal Communications Commission
Wireless Telecommunications Bureau**

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Licensee: ACI 900, Inc.

ATTN Legal Department
ACI 900, Inc.
2001 Edmund Halley Drive
Reston, VA 20191

FCC Registration Number (FRN): 0005523642	
Call Sign: KNNX218	File Number:
Radio Service: YD - SMR, 896-901/935-940 MHz, Auctioned	

Grant Date 08/12/1996	Effective Date 09/09/2003	Expiration Date 08/12/2006	Print Date 09/18/2003
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Market Number: MTA001	Channel Block: G	Sub-Market Designator: 0
Market Name: New York		

1st Build-out Date 09/21/2000	2nd Build-out Date 12/31/2002	3rd Build-out Date	4th Build-out Date
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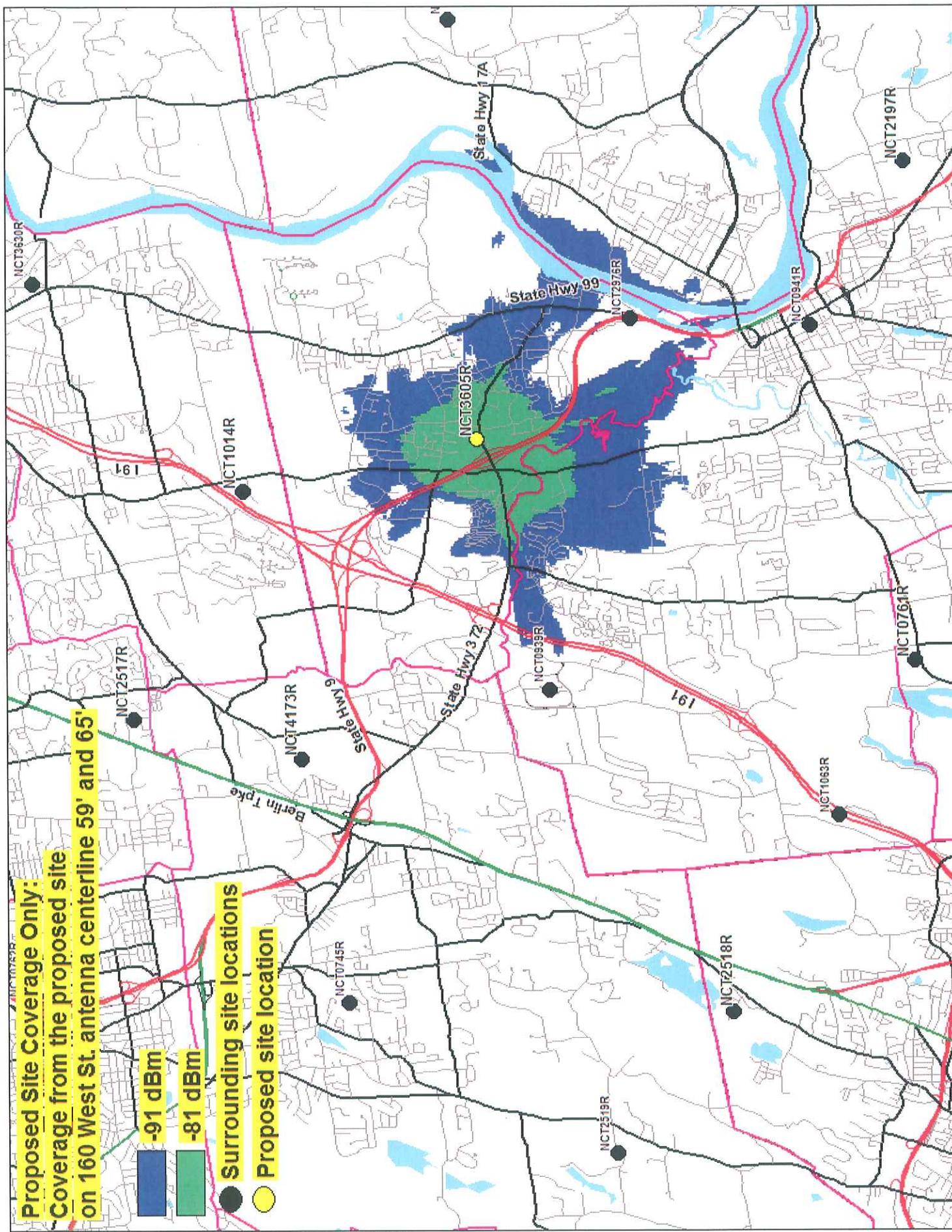
Special Conditions or Waivers/Conditions

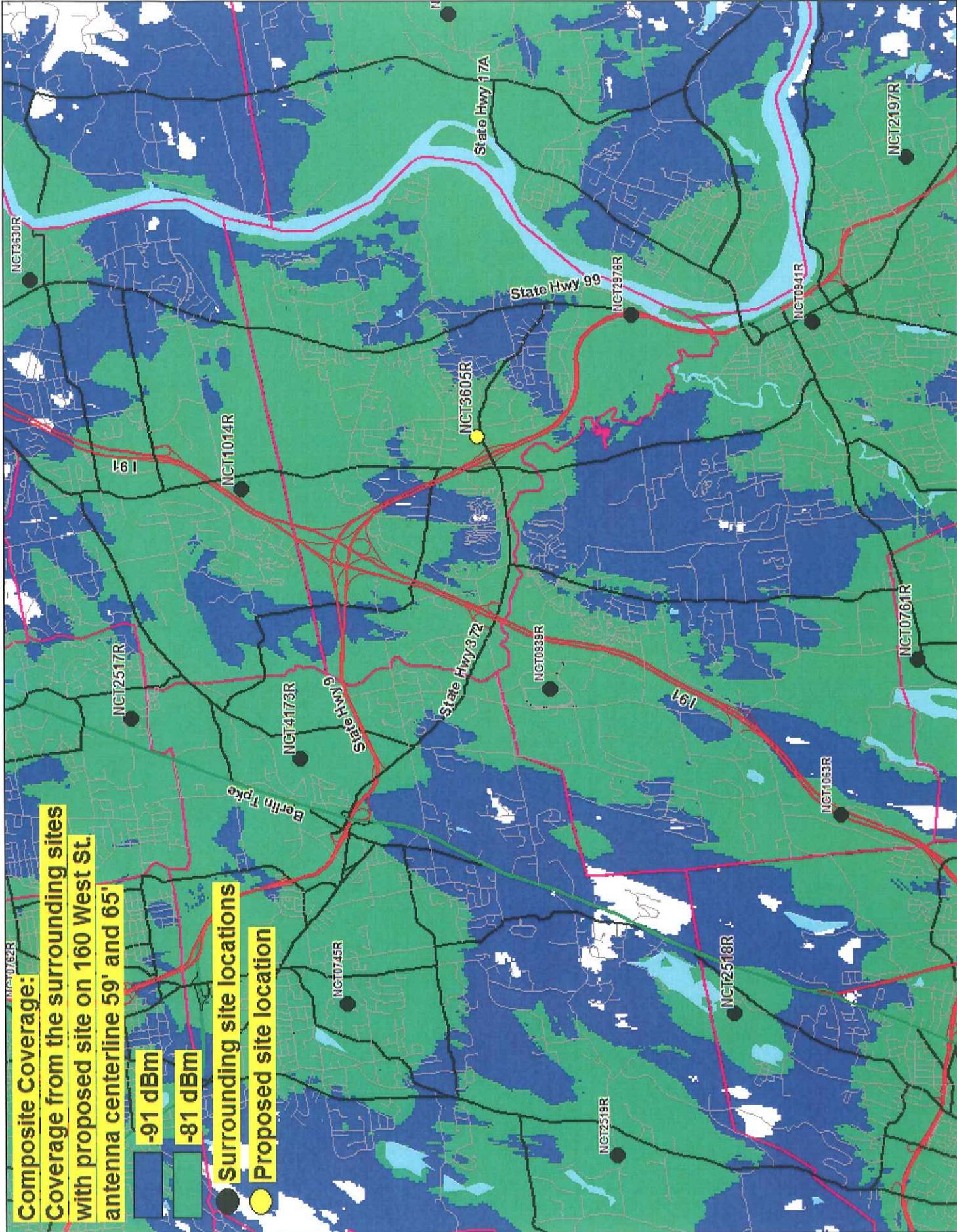
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**Proposed Site Coverage Only:
Coverage from the proposed site
on 160 West St. antenna centerline 59' and 65'**



Surrounding site locations
Proposed site location





Composite Coverage:

Coverage from the surrounding sites with proposed site on 160 West St. antenna centerline 59' and 65'

- 91 dBm
- 81 dBm

- Surrounding site locations
- Proposed site location