



# 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](mailto:siting.council@ct.gov)

Internet: [ct.gov/csc](http://ct.gov/csc)

Daniel F. Caruso

Chairman

December 5, 2008

Steven L. Levine

Real Estate Consultant

New Cingular Wireless PCS, LLC

500 Enterprise Drive

Rocky Hill, CT 06067-3900

RE: **EM-CING-078-080924** - New Cingular Wireless PCS, LLC notice of intent to modify an existing telecommunications facility located at North Eagleville Road a/k/a 1298 Storrs Road, Mansfield, Connecticut.

Dear Attorney Baldwin:

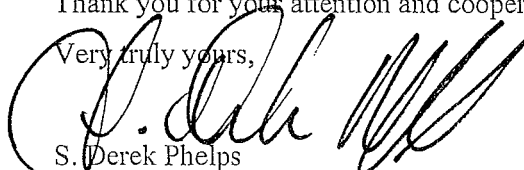
The Connecticut Siting Council (Council) hereby acknowledges your notice to modify this existing telecommunications facility, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies.

The proposed modifications are to be implemented as specified here and in your notice dated September 23, 2008, including the placement of all necessary equipment and shelters within the tower compound. The modifications are in compliance with the exception criteria in Section 16-50j-72 (b) of the Regulations of Connecticut State Agencies as changes to an existing facility site that would not increase tower height, extend the boundaries of the tower site, increase noise levels at the tower site boundary by six decibels, and increase the total radio frequencies electromagnetic radiation power density measured at the tower site boundary to or above the standard adopted by the State Department of Environmental Protection pursuant to General Statutes § 22a-162. This facility has also been carefully modeled to ensure that radio frequency emissions are conservatively below State and federal standards applicable to the frequencies now used on this tower.

This decision is under the exclusive jurisdiction of the Council. Please be advised that the validity of this action shall expire one year from the date of this letter. Any additional change to this facility will require explicit notice to this agency pursuant to Regulations of Connecticut State Agencies Section 16-50j-73. Such notice shall include all relevant information regarding the proposed change with cumulative worst-case modeling of radio frequency exposure at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin 65. Any deviation from this format may result in the Council implementing enforcement proceedings pursuant to General Statutes § 16-50u including, without limitation, imposition of expenses resulting from such failure and of civil penalties in an amount not less than one thousand dollars per day for each day of construction or operation in material violation.

Thank you for your attention and cooperation.

Very truly yours,

  
S. Derek Phelps

Executive Director

SDP/MP/cm

c: The Honorable Elizabeth Patterson, Mayor, Town of Mansfield  
Gregory Padick, Town Planner, Town of Mansfield  
George L. Davis, Tower Manager, UCONN

**Perrone, Michael**

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**From:** Levine, Steven [SL3764@att.com]  
**Sent:** Friday, December 05, 2008 2:25 PM  
**To:** Perrone, Michael  
**Subject:** Mansfield - UCONN Tower - Cingular before / after loading comparison  
**Attachments:** Loading Comparison - 1077 - Mansfield.xls

Mike,

Hi. A loading comparison for the UCONN tower before & after the UMTS equipment change-out is attached. The comparison is based on loading used in the 2006 Verizon structural analysis (before) and the 2006 Cingular structural (after).

My calculations indicate that wind loading is cut approximately in half, and total weight loading is reduced by nearly 100 lbs.

Per our earlier conversation, I ask that you approve the Mansfield exempt mod notice filed on 9/24.

Thanks.

**AT&T Mobility / New Cingular Wireless PCS, LLC**

*Steve Levine*

500 Enterprise Drive, 3rd Fl., Rocky Hill, CT 06067

**Real Estate Consultant**

Office 860-513-7636

Mobile 203-556-1655

Fax 860-513-7190

This e-mail, and any attachments, are intended only for use by the addressee(s) named herein and may contain legally privileged and/or confidential information. It is the property of Cingular Wireless. If you are not the intended recipient of this email, you are hereby notified that any dissemination, distribution or copying of this email, any attachments thereto, and any use of the information contained is strictly prohibited. If you have received this email in error, please notify me at (860-513-7636) and permanently delete the original and any copy thereof.

12/5/2008

**Loading Comparison - 1077 - Mansfield**

		<u>QTY</u>	<u>Length</u>	<u>Width</u>	<u>Depth</u>	<u>Weight</u>	<u>Sail Area</u>	<u>Total Sail Area</u> (sq in)	<u>Total Weight</u> (lbs)
<b>Existing (per Verizon 2006 structural analysis)</b>									
Antennas - CSS	CSS DUO 1417-8686	9	48	14	9	30.8	672	6,048	277
Antennas - EMS	EMS MB100RR650200	1	100	12	3.5	32	1200	1,200	32
TMA's - Cingular	ADC CG1900W850	9	11.7	11.3	2.8	15.4	132.21	1,190	139
coax - Cingular	1 5/8 inch	12	185			0.8	0		1,776
								<b>8,438</b>	<b>2,224</b>
<b>Proposed</b>									
Antennas	Powerwave 7770	6	55	11	5	35	605	3,630	210
TMA's	Powerwave LGP 21401	6	14	9	2.7	19	126	756	114
Diplexers	Powerwave LGP 13519	6	4.4	6.3	3	5.3	27.72	166	32
coax	twelve 1 5/8 inch	12	185			0.8	0		1,776
								<b>4,552</b>	<b>2,132</b>

Antennas	CSS DUO 1417-8686	48	14	9	30.8	672
	EMS MB96RR900200	100	12	3.5	32	1200
	Powerwave 7770	55	11	5	35	605
	APL 8013	52	13	1	8.2	676
	DAPA 58000	53	6	3	11	318
	Allgon 7250	61	6	2	15	366
	Allgon 7184 (AWS 91--	51	5	2	10	255
TMA's	ADC CG1900W850	11.7	11.3	2.8	15.4	132.21
	Powerwave LGP 21401	14	9	2.7	19	126
Diplexers	CSS DBC-750	7.9	6.6	1.3	4.9	52.14
	Powerwave LGP 13519	4.4	6.3	3	5.3	27.72
	Powerwave LGP 21903	4.4	6.3	3	5.3	27.72
coax	7/8 inch				.34 / ft	
	1 1/4 inch				.69 / ft	
	1 5/8 inch				.8 / ft	

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New Cingular Wireless PCS, LLC  
500 Enterprise Drive  
Rocky Hill, Connecticut 06067-3900  
Phone: (860) 513-7636  
Fax: (860) 513-7190

**EM-CING-078-080924**

**Steven L. Levine**  
Real Estate Consultant

HAND DELIVERED

ORIGINAL

RECEIVED  
SEP 24 2008

September 23, 2008

Honorable Daniel F. Caruso, Chairman,  
and Members of the Connecticut Siting Council  
Connecticut Siting Council  
10 Franklin Square  
New Britain, Connecticut 06051

CONNECTICUT  
SITING COUNCIL

**Re: New Cingular Wireless PCS, LLC Request for Re-Acknowledgment of EM-CING-078-060717, North Eagleville Road (aka 1298 Storrs Road), Mansfield (owner, UConn)**

Dear Chairman Caruso and Members of the Council:

In order to accommodate technological changes, implement Uniform Mobile Telecommunications System ("UMTS") capability, and enhance system performance in the State of Connecticut, New Cingular Wireless PCS, LLC ("AT&T") plans to modify the equipment configurations at many of its existing cell sites. This program has been in progress since 2006.

In 2006, AT&T submitted a number of Notices of Exempt Modification and received the Council's acknowledgments, each carrying a 1-yr expiration provision. On-site installation was completed at most of the cell sites within the ensuing year. However, for a number of sites the work was either not begun or not completed before expiration of the Council's approval.

At this time AT&T intends to complete UMTS modifications at the affected facilities and hereby requests re-acknowledgment of the referenced Notice of Exempt Modification. We herewith submit a filing fee of \$500.

The materials required for this Notice of Exempt Modification are already in the Council's files owing to the earlier filings, and the currently-proposed modifications are the same as those previously acknowledged by the Council in 2006.

In response to Council staff's expressed concern over whether the latest structural analysis in Council files is up-to-date, we have found that the existing structural analysis in Council files

for the referenced site *does* include AT&T's modifications approved by the Council in 2006. The 2006 approval for Cingular's UMTS modifications is the latest action for the site that affects tower loading, and the structural submitted by Cingular in 2006 is still up-to-date.

For the foregoing reasons, AT&T respectfully requests that the Council re-acknowledge the referenced Notice of Exempt Modification so that its planned site modifications may proceed.

Please feel free to call me at (860) 513-7636 with questions concerning this matter. Thank you for your consideration.

Sincerely,

A handwritten signature in blue ink, appearing to read "S.L. Levine".

Steven L. Levine  
Real Estate Consultant