



STATE OF CONNECTICUT  
CONNECTICUT SITING COUNCIL

Ten Franklin Square  
New Britain, Connecticut 06051  
Phone: (860) 827-2935  
Fax: (860) 827-2950

September 3, 1999

Peter W. van Wilgen  
Director – Real Estate Operations  
SNET Wireless, Inc.  
500 Enterprise Drive  
Rocky Hill, CT 06067-3900

Re: EM-SCLP-004-990806 - Springwich Cellular Limited Partnership notice of intent to install a temporary cellular communications facility for use at SNET/SBC's Southwest User Maintenance Group conference located at the Avon Old Farms Hotel (Route 44) in Avon, Connecticut.

Dear Mr. van Wilgen:

At a public meeting held on August 31, 1999, the Connecticut Siting Council (Council) acknowledged your intent to install this temporary cellular telecommunications facility in Avon, Connecticut, 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 request dated August 6, 1999. The temporary cellular facility is in compliance with the exception criteria in Section 16-50j-72 (d) of the Regulations of Connecticut State Agencies as a temporary mobile site that provides essential telephone service to an event of statewide significance supporting economic development. This facility has been carefully modeled to ensure that radio frequency emissions are conservatively below State and federal standards applicable to the frequency proposed to be used on this equipment. Any 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 No. 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,

Mortimer A. Gelston  
Chairman

MAG/RKE/sll

cc: Honorable Philip K. Schenck, Town Manager, Town of Avon



# STATE OF CONNECTICUT

## CONNECTICUT SITING COUNCIL

Ten Franklin Square  
New Britain, Connecticut 06051  
Phone: (860) 827-2935  
Fax: (860) 827-2950

August 12, 1999

Philip K. Schenck, Jr.  
Town Manager  
Town of Avon  
60 West Main Street  
Avon, CT 06001

RE: EM-SCLP-004-990806 - Springwich Cellular Limited Partnership notice of intent to install a temporary cellular communications facility for use at SNET/SBC's Southwest User Maintenance Group conference located at the Avon Old Farms Hotel (Route 44) in Avon, Connecticut.

Dear Mr. Schenck:

The Connecticut Siting Council (Council) received this request to install a temporary cellular communications facility, pursuant to Regulations of Connecticut State Agencies Section 16-50j-72.

The Council will consider this item at the next meeting tentatively scheduled for Tuesday, August 31 1999, at 1:30 p.m. in Hearing Room One, Ten Franklin Square, New Britain, Connecticut.

Please call me or inform the Council if you have any questions or comments regarding this proposal.

Thank you for your cooperation and consideration.

Very truly yours,

Joel M. Rinebold  
Executive Director

JMR/tsg

Enclosure: Notice of Intent

**FILE  
COPY**



SNET Wireless, Inc.  
500 Enterprise Drive  
Rocky Hill, Connecticut 06067-3900  
Phone: (860) 513-7730  
Fax: (860) 513-7614

August 6, 1999

**Peter W. van Wilgen**  
*Director - Real Estate Operations*

The Honorable Philip Schenck Jr.  
Town of Avon  
60 West Main Street  
Avon, Connecticut 06001

Dear Mr. Schenck:

The Town of Avon has been selected for SNET/SBC's Southwest User Maintenance Group conference which is scheduled to be held at Avon Old Farms Hotel on September 12, 1999 through September 14, 1999. Springwich Cellular Limited Partnership (SCLP) plans to install a temporary cellular site at the facility to support the existing cellular service coverage. This additional coverage will be provided by utilizing a unit known as a "Cell On Wheels" (COW).

As required by Section 16-50j-73 of the Regulations of Connecticut State Agencies (R.C.S.A.), please accept this letter and the attached letter to the Connecticut Siting Council dated August 6, 1999, as notice of intent of the placement of this temporary equipment pursuant to R.C.S.A Section 16-50j-72(d).

The attached letter fully describes SCLP's proposal. However, if you have any questions or require any further information on our plans or the Siting Council's procedures, please call me at (860) 513-7730 or Mr. Joel Rinebold, Executive Director, Connecticut Siting Council at (860) 827-2935.

Sincerely,

*Peter W. van Wilgen (uwm)*

Enclosure

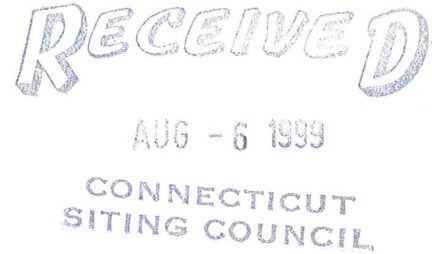


SNET Wireless, Inc.  
500 Enterprise Drive  
Rocky Hill, Connecticut 06067-3900  
Phone: (860) 513-7730  
Fax: (860) 513-7614

Peter W. van Wilgen  
*Director - Real Estate Operations*

August 6, 1999

Mr. Mortimer A. Gelston, Chairman  
Connecticut Siting Council  
10 Franklin Square  
New Britain, CT 06051



Re: **Springwich Cellular Limited Partnership – Avon Old Farms Hotel Temporary Cell Site**

Dear Chairman Gelston:

Springwich Cellular Limited Partnership (“SCLP”) has been chosen to be host of the SNET/SBC’s Southwest User Maintenance Group (SMUG) conference which is scheduled to be held on September 12, 1999 through September 14, 1999. The chosen site for the conference this year is the Avon Old Farms Hotel in the Town of Avon, CT. During this conference, additional temporary cellular support will be required at this location. SCLP is requesting permission to establish this temporary site on September 3, 1999 for testing purposes prior to the conference to ensure service area coverage levels will be sufficient at this location. To address this situation, SCLP requests the authority to temporarily place a portable “Cell On Wheels” (COW) vehicle behind the hotel at the conference site. SCLP’s COW will be powered by a portable generator and utilize an attached hydraulic mast which supports the antenna array. Please accept this letter as notice of intent, pursuant to R.C.S.A. Section 16-50j-73, of construction which constitutes an exempt modification pursuant to R.C.S.A., Section 16-50j-72(d). In further compliance with R.C.S.A. Section 16-50j-73, a copy of this letter is being sent to the Town Manager of Avon.

The planned temporary cell site meets the criteria set forth in R.C.S.A. Section 16-50j72(d) for temporary cellular service for events of statewide significance. This site is necessary to provide temporary additional system capacity to accommodate increased communication needs at this conference and the surrounding service areas.

The COW or temporary cell site consists of radio equipment installed on or within a vehicle (COW) with the associated temporary antenna mast. This temporary cellular site (COW) is 17ft. 3 inches in length, 6 ft. 6 inches in width and 11 ft. 10 inches in height. The height of the hydraulic antenna mast is 62 feet above ground level.

**Power Density Calculations**

The operation of these additional antennas will not increase the total radio frequency electromagnetic radiation power density to a level at or above the ANSI standard. A “worst-case” calculation, from a point of interest from the centerline of the antenna mounted on the mast to ground level indicates that SCLP’s cellular operations result in a Power Density Calculation of 0.0749, which is 12.76% of the maximum permissible emissions allowed. (See chart listings) This calculation was arrived at using an antenna height of 62 ft. and an operating power of 40 watts per channel. (See Chart Below)

Worst Case Scenario

Service /Point of Interest	Band (MHz)	Power per Channel (watts)	# Channels	Height (ft.)	ANSI/IEEE Standards (mW/cm <sup>2</sup> )	Power Density (mW/cm <sup>2</sup> )	Percent of MPE
SNET (Mast)	880-894 MHz	40 watts	16	62 ft.	0.05867	0.0749	12.76%
<b>Total</b>							<b>12.76%</b>

For the foregoing reasons, Springwich Cellular Limited Partnership requests that the Council approve this temporary cellular site in accordance with R.C.S.A. Section 16-50j(d)(2).

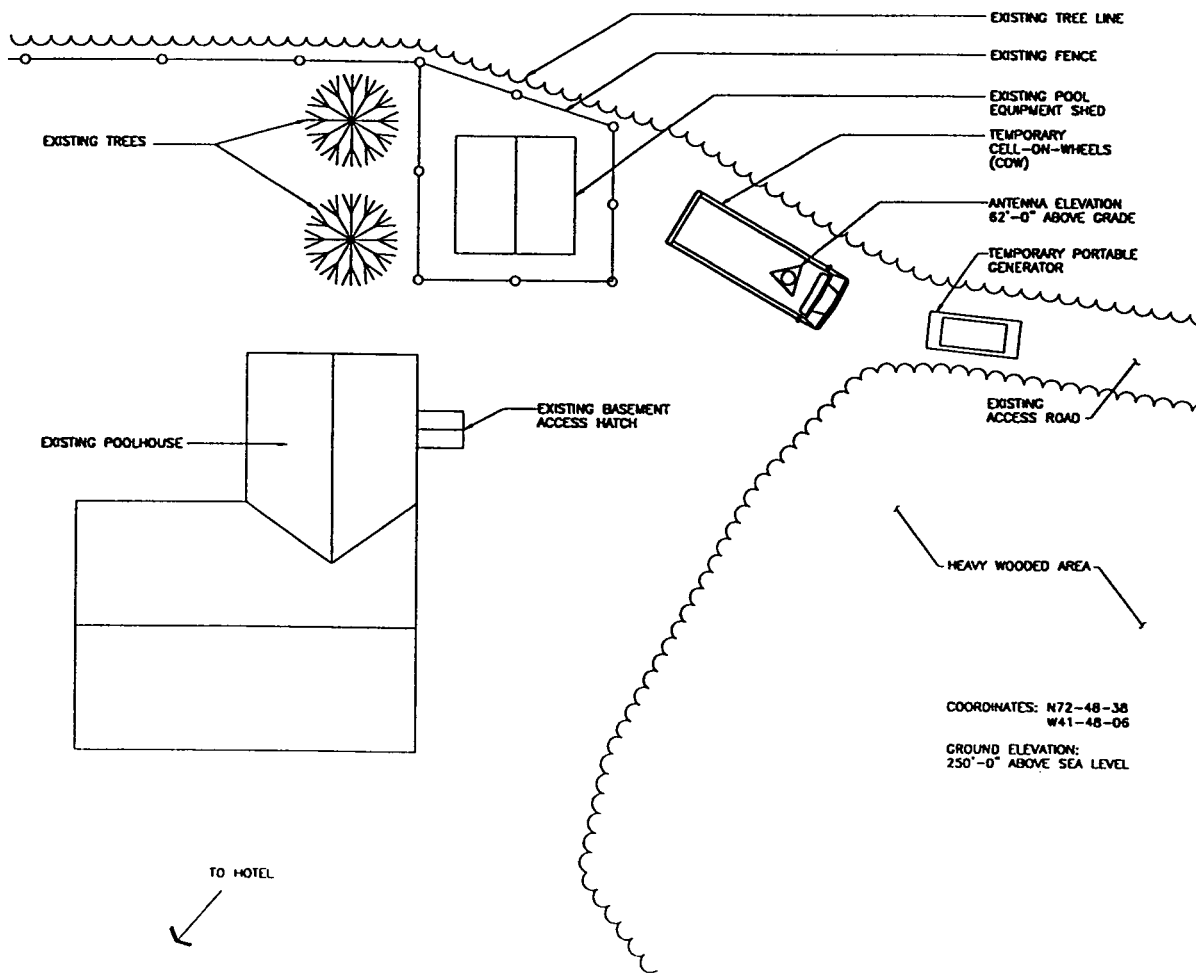
Thank you for your cooperation and attention to this matter.

Sincerely,

*Peter W. van Hilgen (man)*

Attachments

cc Town Manager of Avon



1 LAYOUT PLAN  
L-1 SCALE: 1" = 20'-0"

SITE ID NO:		SPRINGWICH CELLULAR LIMITED PARTNERSHIP WIRELESS COMMUNICATIONS FACILITY		Dwg. No.	
Designed by:	<b>URS Greiner Woodward Clyde</b> <b>A-ES</b> 500 ENTERPRISE DRIVE ROCKY HILL, CONNECTICUT 1-(866)-529-8882		SITE ADDRESS: <b>AVON OLD FARMS HOTEL</b> ROUTE 44 AVON, CONNECTICUT	REV. DATE DESCRIPTION	L-1
Drawn by:				Scale: AS NOTED Date: 08/05/99	
Checked by:				Job No. F301804.32 File No.	
Approved by:				Dwg. 1 of 1	