



# STATE OF CONNECTICUT

## CONNECTICUT SITING COUNCIL

136 Main Street, Suite 401  
New Britain, Connecticut 06051-4225  
Phone: 827-7682

December 22, 1994

Peter J. Tyrrell, Esq.  
Senior Attorney  
Springwich Cellular Limited Partnership  
227 Church Street  
New Haven, CT 06510

RE: Springwich Cellular Limited Partnership request for an order to approve tower sharing at an existing guyed lattice style tower at Quinnipiac College, 275 Mount Carmel Avenue in Hamden, Connecticut.

Dear Attorney Tyrrell:

At a meeting held December 20, 1994, the Connecticut Siting Council, (Council) ruled that the shared use of this existing tower is technically, legally, and environmentally, and economically feasible and meets public safety concerns, and therefore, in compliance with Public Act 94-242, the Council has ordered the shared use of this tower to avoid the unnecessary proliferation of tower structures.

The proposed shared use is to be implemented as specified in your letter dated December 9, 1994. Please notify the Council when all work is complete. A copy of the staff report on this request is enclosed for your information.

Very truly yours,

A handwritten signature in cursive script, reading "Mortimer A. Gelston".

Mortimer A. Gelston  
Chairman

MAG/RKE/ss

cc: Honorable Lillian D. Clayman, Mayor, Town of Hamden  
Joseph D. Ruberstone, Director of Facilities, Quinnipiac College

Enclosure



# STATE OF CONNECTICUT

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Springwich Cellular Limited Partnership  
Request for Shared Use  
Hamden, Connecticut  
Staff Report  
December 20, 1994

On December 9, 1994, Springwich Cellular Limited Partnership (Springwich) submitted to the Connecticut Siting Council (Council) a notice of intent to modify an existing tower pursuant to the Regulations of Connecticut State Agencies section 16-50j-72(c) and a request for the Council to order shared use of an existing tower pursuant to section 2 of Public Act 93-268, and sections 6 and 7 of Public Act 94-242. Public Act 94-242 states "An owner of a facility which agrees to shared use of the facility pursuant to this section may request in writing that the Council approve the proposed shared use of the facility. If the Council finds that the proposed shared use of the facility is technically, legally, environmentally and economically feasible and meets public safety concerns, the Council shall issue an order approving such shared use."

The proposed site is located on the roof of the Quinnipiac College Student Center Building, 275 Mount Carmel Avenue in Hamden, Connecticut. An existing 60-foot guyed lattice tower holds antennas for WQAQ, an FM radio station.

Springwich proposes to add two 11-foot tall whip style cellular omnidirectional antennas at approximately the 20-foot and 60-foot levels of the 60-foot tower to provide cellular coverage at the Quinnipiac College Campus and for the July 1995 Special Olympics. The equipment to operate the antennas would be contained within an equipment cabinet approximately seven feet in height, two feet in length and two feet in width, which would be placed within the attic of the student center building. Springwich has entered into an agreement with Quinnipiac College for use of this equipment space and space on the existing tower.

The addition of the cellular antennas to the existing 60-foot tower would not increase the tower's height, extend the boundaries of the site, increase noise levels at the site boundary by six decibels, or more or increase the total radio frequency electromagnetic radiation power density to or above the State standard (1.94% of the State standard) pursuant to Connecticut General Statutes section 22a-162. In addition there is no expectation that this facility would cause local radio interference. No water or sanitary facilities would be required, and no air pollutants emitted. The only noise expected from the site would be the operation of the air conditioning unit in the equipment cabinet. Use of the existing tower would allow the installation of a cell site without the construction of a new tower, thereby providing a direct cost saving to Springwich.

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The provision of cellular service to this section of Hamden would improve public safety and serve the students, faculty, and local residents during emergencies including police, fire, and medical personnel.

On December 15, 1994, Joel M. Rinebold, Council Executive Director, met Michelle Carlo of Springwich for a field review of this site.

Springwich contends that the addition of cellular antennas to the existing tower and construction of an equipment cabinet would not increase the tower's height, extend the boundaries of the site, increase noise levels at the site's boundary by six decibels or more, or increase the total radio frequency electromagnetic radiation to or above the State standard pursuant to Connecticut General Statutes section 22a-162. Springwich also contends the sharing of this tower is technically, legally, environmentally, and economically feasible and meets public safety concerns. Therefore, Springwich requests that the Council approve the proposed shared use of the facility and issue an order approving such shared use under Public Act 94-242.

Joel M. Rinebold  
Executive Director

JMR/RKE/ss